NEWS

RELEASES

Jan. - Jan.

1941-42

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600
CHICAGO, ILLINOIS

RE: ENGINEERING DEFENSE TRAINING
FIRST TERM BEGINS MONDAY EVENING, JANUARY 6, 1941 - FORMAL ENROLLMENT

RELEASE: FOR MONDAY, JANUARY 6, 1941

ED. NOTE: SEE ATTACHED MEMO FOR TIME AND PLACE OF ENROLLMENT ACTIVITY. 1000 ENROLLEES WILL ASSEMBLE AT THAT TIME TO RECEIVE OFFICIAL NOTICE OF THEIR ACCEPTANCE FOR COURSES, LOCATION OF CLASSES, SCHEDULE OF MEETINGS, INSTRUCTORS, ETC.

One thousand metropolitan Chicagoans will, actually speaking, roll up their sleeves and go to work tonight, Monday, January 6th, 1941, starting at 7 o'clock, in the nation's gigantic defense program.

The one thousand men are those who have enrolled for the tuition-free engineering defense training curricula organized and presented by Illinois Institute of Technology as its contribution to the training of men with technical backgrounds so vital to defense industry. These men will be taking short-term, highly specialized courses designed for men now in engineering industries who have basic engineering training and whose efficiency can be raised by this intensive training.

This engineering defense training program is one announced several weeks ago by Illinois Tech, and planned under the auspices of the United States Office of Education. H. T. Heald, who is President of the Institute and regional advisor for District #15 to the United States Office of Education, made the announcement for the Institute.

This program is the largest carried on by any engineering school in the United States, according to advices received from Washington. And it was also learned that additional courses are already being planned to start on or about February 1st, for a second group of two hundred persons.

This program, originally organized by Professor J. B. Finnegan, who has been relieved of his duties because of illness, has been planned to fill the needs of the Chicago industrial area. Its prime objective is to provide educational training upon

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: BASKETBALL - LAKE FOREST AT ILLINOIS TECH - 1/9/41 - 4:15 P.M.
108th ENGINEERS ARMORY

RELEASE: FOR MONDAY, JANUARY 6, 1941

After two weeks' vacation for the Christmas holidays, the Techawk Cagers have resumed practice for their first game of the new year. This will be a return match with Lake Forest College, Thursday, January 9th, at 4:15 P.M. on the Engineers' home floor, the 108th Engineers' Armory, 34th and Wentworth Streets.

The record of one win in six games for Illinois Tech is quite unimpressive compared with the Foresters' four wins and a 33-31 defeat at the hands of Millikan College; however, the Techawks have amassed 176 points to their opponents' 209 tallies in six contests which is not dishonorable.

The first encounter this season against the Lake Forest five resulted in a 40-32 defeat and two black eyes for the Techawks. The game might have gone the other way if the Engineers had been familiar with the additional four feet under the basket provided by the Rules Committee at Lake Forest. And so the Techawks look forward to their first win in four years and six games over the Jaybirds of Lake Forest.

Leading the Forester five will be veteran George Harrison, rated as the finest the Jaybirds have seen in 10 years. He has averaged 12 points per game while serving as the team Captain last year. His running mate at the forward position will be junior Floyd Gates, the only man on the squad with three major letters. He is the fastest man on the visitor's team and specializes in rebound shots.

The Techawks did have a veteran in Captain Henry Sliwa. But Tech's Captain Jinx of five years standing put him on the sidelines for the remainder of the season with a trick knee. All of Tech's present squad is in the first year of varsity competition, and their Coach, Remie Meyer, is in his first year of College coaching after retiring from the active professional ranks.

Sparking the Techawk offensive will be Captain Sliwa's running mate at guard, sophomore Jack Byrne, by far the most outstanding player of the squad. His tricky ball handling and deceptive dribbling are a pleasure to watch, and his push and hook shots with either hand have accounted for 53 points, nearly one-third of Tech's total. Still trying to find a satisfactory replacement for Captain Sliwa, Coach Meyer will start John Brierly, senior reserve. John's alertness is responsible for a great many pass interceptions, and the accuracy of his apparent haphazard shooting is, at times, remarkable.

Tech's starting center, 6'4" sophomore, Ray LaGodney, who has been hampered by illness all season, should be well rested and ready to go.

In selecting the forwards, Coach Meyer draws them out of a hat, figuratively, for such is his wealth of material. Most likely to get the Jaybird assignment are juniors Mike Carey and Bob Neuhaus.

The probable starting line-up:

LAKE FOREST		ILLINOIS TECH
Gates	F	Carey
Harrison	F	Neuhaus
Johnson	C	LaGodney
Rhein	G	Brierly
McKenna	G	Byrne

- EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: BASKETBALL - LAKE FOREST AT ILLINOIS TECH - 1/9/41 - 4:15 P.M. 108TH ENGINEERS ARMORY, 34TH AND WENTWORTH AVENUE

RELEASE: FOR THURSDAY, JANUARY 9, 1941

On Thursday, January 9th, the Illinois Tech Engineers will play host to the Lake Forest Jaybirds in a return match of a home and home series. The game is to be played at the 108th Engineers Armory, the Techawks' home floor, at 4:15 P.M.

It was decided late last night, by Coach Remie Meyer, that Captain Henry Sliwa will have recovered sufficiently from a knee injury to start the game. Sliwa is the fifth Captain in as many years to be incapacitated by injuries for a portion of the season.

Handsome Hank's running mate at guard for the Techawks will be sophomore Jack Byrne, current high scorer with 53 points in six contests. Jack's deceptive dribbling and unorthodox passing have brought cries of "uncle" from his opponents, while his ambidextrous hook and push shots command the praises of the team at large.

This pair will have for their defense assignment senior George Harison and junior Floyd Gates of the Jaybirds. Harison maintained a 12 point per game average while Captaining the team last season and is acclaimed by many as the best that Lake Forest has seen in ten years. Gates is the only man on the squad with three major letters in his possession, all of which he earned during his sophomore year.

This particular match is somewhat of a grudge affair for the Techawks since they haven't beaten the Jaybirds since 1937. In that time Lake Forest has nosed out Tech six times. In their previous encounter with the Engineers this season, the score was Lake Forest 40, Illinois Tech 32.

Rounding out the Engineers' lineup will be sophomore Ray LaGodney at center, a budding "Mike Novak" who is just beginning to click in intercollegiate competition. Supporting him on the offensive positions are Howard Pendlebury and Robert Neuhaus. Pendlebury, a transfer student from Valparaiso University, is styled more toward a

center's type of play, being very effective on rebounds, while Neuhaus is more of the guard type, a good ball handler and excellent at long shots. So, in reality, Coach Meyer is putting a team on the floor consisting of two centers and three guards - a somewhat unusual combination.

Probable starting lineup will be:

LAKE FOREST		ILLINOIS TECH
Gates	F	Pendlebury
Harison	F	Neuhaus
Johnson	C	LaGodney
Rhein	G	Byrne
McKenna	G	Sliwa

ED. NOTE -- TWO ADDITIONAL GAMES HAVE BEEN ADDED TO THE ILLINOIS TECH SCHEDULE, AS FOLLOWS:

Feb. 7	Friday	Illinois Tech at Lawrence Tech
Feb. 18	Tuesday	Illinois Tech at North Central

- EHC -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: FRESHMAN SCHOLARSHIP EXAMINATIONS
SATURDAY, JANUARY 11, 1941 - 9:00 A.M.

RELEASE: FOR FRIDAY, JANUARY 10, 1941

Culminating almost two months of preliminary investigation, Illinois Institute of Technology will give a written examination to high school students tomorrow, Saturday, January 11th, 1941, starting at 9:00 o'clock. This examination will be the final factor in the awarding of scholarships amounting to Fifteen Hundred Dollars ($1500 to the Armour College of Engineering Division of Illinois Institute of Technology.

The Institute expects approximately ninety male high school graduates of February, 1941, to take the mid-year scholarship examination. It was pointed out by Professor Stanton E. Winston, Chairman of the freshman scholarship committee, that unlike the June examination, the candidates this year will all be graduates of Chicago high schools. With few exceptions high school graduations throughout the country are held in June only, and hence the scholarships awarded this month will be exclusively to graduates of accredited public and private high schools in the Chicago area.

The complete scholarship examination consists of two parts, since all candidate taking the three-hour written examination will have had a personal interview with some member of the scholarship committee before they take this examination together. This personal interview is very important and is taken into consideration before the awards are made. As mentioned, the written examination will be three hours in length, lasting from 9:00 A.M. to 12:00 Noon, and will be held at the Armour College of Engineering Division, 3300 Federal Street, Chicago. It will cover mathematics, physics and chemistry. The mathematics portion of the examination will be primarily in algebra, including such topics as factoring, fractions, exponents and linear and quadratic equations. Questions in plane and solid geometry may be included also. The examination in physics and chemistry will be of the objective type in the main, but will include a short essay upon an assigned topic. It will be general in scope and based upon textbooks of physics and chemistry commonly used in secondary schools. There

will be no written examination in English. The candidate's ability in effective English expression will be judged by the personal interview and the short essay prepared in connection with the written examination in physics and chemistry.

There will be five scholarships awarded for Three Hundred Dollars ($300) apiece. They will provide for one year's tuition at Armour College and will be applicable to any of the courses in engineering and architecture.

* ED *

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SOPHOMORE "SNOW BALL" DANCE
1/24/41 - 9:30 P.M. - HOTEL BELMONT

FOR IMMEDIATE RELEASE

In the school's first major social affair of the new year, the sophomore class of Illinois Institute of Technology will act the part of gallant and gracious host at the annual sophomore dance, this year to be held on Friday evening, January 24th, in the distinctive Empire Ballroom of the Hotel Belmont.

Arrangements for the affair are in the hands of two students, one each from the former Armour Institute and Lewis Institute - the two now merged to form Illinois Institute of Technology.

Beginning at 9:30 P.M., the collegians and their friends will swing out to the danceable tunes of "Pee-Wee" Johnson, one of collegedon's favorite dance band leaders. "Pee-Wee" was featured this last summer at the Campus Club.

Appropriately enough, winter in all of its glory will be the motif of the evening. The sophomores have dubbed their forthcoming social effort the "Sophomore Snow Ball" and have made plans accordingly. Carrying out the frosty theme is the attractive bid to the dance, which students at both schools have proclaimed "tops" in design. The bid, three inches in diameter, features the school's colors - scarlet and gray - and opens up to form a realistic snowball. The dance will be informal and will not only be the first major event of the year on the school's social calendar, but will represent also the first major combined social effort of the two divisions of Illinois Institute of Technology - the Armour College of Engineering and the Lewis Institute of Arts and Sciences.

Chairman in charge of arrangements is John E. Peterson, 1534 North Leavitt St., sophomore in the school of fire protection engineering at the Armour College of Engineering. Charles is also Social Chairman of the Armour College class of '43. As a freshman he was also class social chairman and performed his duties in such a capable manner that his fellow students unanimously reelected him to the post this

year. A graduate of Carl Schurz high school, he is at present active in intramural sports and is a member of the wrestling team.

Co-chairman, and representing the Lewis Institute of Arts and Sciences, is Myra Eileen Robinson who resides at 1911 Summerdale Avenue. A member of the student council at the west side campus, this capable and attractive young Miss was recently elected by her classmates to the position of Social Chairman of the Arts Sophomores.

The committee in all consists of sophomores from both campuses of the Institute. They are:

ARMOUR COLLEGE OF ENGINEERING, 3300 Federal Street:

John E. Peterson, Chairman,	1534 North Leavitt Street	
John A. Cameron,	160 North Laramie Avenue	
Refert D. Croon	3104 North 78th Avenue	Elmwood Park
Walter R. J. Gow	2508 South Christiana Avenue	
Richard Guetzow	5216 Lind Avenue	
Walter Hawrysh	910 North Springfield Avenue	
Ted F. Meinhold	432 Armitage Avenue	

LEWIS INSTITUTE OF ARTS AND SCIENCES, Madison at Damen Avenue:

Myra Eileen Robinson, Co-chairman,	1911 Summerdale Avenue	
Patricia Arns	4618 Patterson Avenue	
Mary Knirsch	2021 Grove Street	Blue Island
Helen F. Marzullo	613 South Leavitt Street	
Joseph W. Nowak	402 155th Place	Calumet City
Arthur Petterino	4820 West Kamerling Avenue	
Grace Taglieri	909 South Bishop Street	

- ED -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: M. W. FODOR AT THE WISCONSIN (MILWAUKEE) STATE TEACHERS COLLEGE - 1/14/41 - MILWAUKEE TOWN HALL

RELEASE: FOR MONDAY, JANUARY 13, 1941

M. W. Fodor, professorial lecturer in social science at Illinois Institute of Technology, eminent foreign correspondent and novelist of European power politics, will appear before The Wisconsin (Milwaukee) State Teachers College to give them the "lowdown" on Hitler's current war moves. Mr. Fodor is scheduled to lecture before that organization on Tuesday evening, January 14th, 1941 at the Milwaukee Town Hall. Mr. Fodor's topic will be "The Shape of Things to Come". Dr. J. M. Klotschle is chairman of the program.

Eminent as a novelist of European power politics leading up to World War II, Mr. Fodor served a lifetime upon the European continent as foreign correspondent for the Manchester (England) Guardian and several American newspapers, one of which was a prominent Chicago paper.

According to John Gunther, correspondent and novelist, Mr. Fodor "has the most acutely comprehensive knowledge of Central Europe of any journalist living today. He is better informed than the British in Central Europe and the foreign office pays close attention to his dispatches."

Born in Budapest, Hungary, Mr. Fodor was educated as an engineer who gave way to an overpowering desire to learn the "ins and outs" of European politics. Well conversant with the forces back of the present world-wide convulsions and extremely familiar with war tactics, Mr. Fodor is a student of and has a wide knowledge of the "Blitzkrieg".

Early in his career he became associated with the Manchester Guardian and several American newspapers. It was while serving as roving correspondent for these papers that he travelled so extensively through Central Europe and the Balkans, meeting and becoming acquainted with such men as Hitler, Mussolini, Laval, and others.

During the past few years, Mr. Fodor covered the fall of Vienna, the fall of Prague, and he was in Warsaw when invasion was imminent. He also traveled through Spain, the Iberian Peninsula, Italy and Northern Africa.

With the German "Blitz" machine on his heels, he observed the invasion of the Low Countries and fled the scene of the Axis' successes in order to save his life, for he was quite unpopular with the Dictators.

In outlining for this group the current moves of the Hitler-Mussolini war machine, Mr. Fodor expects to touch upon such points as the obvious failure of the Nazi forces to invade England - and the necessity of turning to the Near East for oil. He will also explain the Axis' strategy in moving into Rumania and the possibility of crossing Bulgaria in its strategic winter moves toward Turkey and the oil fields of Iraq-Iran.

In touching upon these points, he is expected to reveal the necessity for British support to Greece, his conference with the former premier of Turkey - Ataturk - and the plan of defense when the Axis moves in the direction of Turkey, and the ultimate clash with Russia.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: BASKETBALL - WHEATON AT TECH - 1/13/41
4:15 P.M. - 108TH ENGINEERS ARMORY,
WENTWORTH AVENUE AT 34TH STREET

RELEASE: FOR MONDAY, 1/13/41

On Monday, January 13th, the Illinois Tech cagers will play host to Wheaton College in a return engagement at the 108th Engineers Armory. In their first meeting this season, Wheaton trounced Tech by a score of 41 to 29 in the Wheaton College Gym.

Facing their eighth start this year, the Techawks are still seeking their second win, their lone triumph being over Grand Rapids University 43-31. Meanwhile Wheaton is looking for its third win in six starts.

When the Techawks step out on the floor against the Crusaders, among other things they will remember the 22 points scored against them by the team of McCarrell and Ewing. Nor will the Crusaders forget sophomore Jack Byrne and his 12 tallies in the previous tilt. Thus far this season, Byrne has garnered 64 points in seven contests. However, "Jackson" is looking forward to the pending match in eager anticipation for it is to be played on his home floor which contains several times the area of the Wheaton court, greatly increasing the effectiveness of deceptive dribbling.

Coach Remie Meyer, newly initiated into collegiate coaching ranks from the professional playing field, is still at a loss to select a team which he would definitely label as the first team. There are approximately twelve men which comprise the "first" team for such is the distribution of skill. Those most likely to get the nod from Coach "Remie" will undoubtedly include Byrne and Captain Henry Sliwa at Guard. As for the remaining three men, they might as well be chosen by lot. Reasonable guesses say that sophomore Ray LaGodney, 6'4" will be the tip-off man with juniors Mike Carey and Howard Pendlebury as companions in the starting offensive combination.

Probable starting line-up:

WHEATON COLLEGE		ILLINOIS TECH
McCarrell	F	Carey
Schultz	F	Pendlebury
Hoisington	C	LaGodney
Edwards	G	Byrne
Ewing	G	Sliwa

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: "TWO ON AN ISLAND" - DRAMATICS CLUB
PRESENTATION - LEWIS AUDITORIUM,
MADISON & DAMEN AVE., 1/31/41 - 8 P.M.

FOR IMMEDIATE RELEASE

Getting the school's drama season off to a flying start, the Lewis Drama Club on Friday evening, January 31st, will present a three-act play entitled "Two on an Island". Carrying on in the best traditions of the college stage will be a number of local students.

The first play to be presented by the students since the formation of Illinois Institute of Technology by the merger of Armour Institute of Technology and Lewis Institute, it will be given in the auditorium of the Lewis Institute of Arts and Sciences Division, Madison and Damen Avenue. The curtain will rise at 8:00 P.M. Sneak previews confirm the promise of the Drama Club that the play will be a big hit.

"Two on an Island", currently popular with theater-goers, is a drama of metropolitan New York. It retells in dramatic, fast-moving sequences, the popular American tale of country folk who come to the Isle of Manhattan to win fame and fortune. Foremost of their ambitions is to be accepted as typical New Yorkers. To tell this story, the play takes the lives of two people - a boy and a girl - unknown to each other, who come to the big city determined to become successful actors. The two come together in a most unusual manner while visiting the Statue of Liberty. They soon fall in love and get married, promising each other to beat the world together. The trials and tribulations that can beset a young couple in the country's largest city becomes the main theme of the play.

In addition to the considerable acting talent, the eight scenes of the play will feature some of the most lavish scenery ever attempted by ambitious college students. Among the many sets will be an elaborate subway scene and one representing the Statue of Liberty.

The direction of the play will be in the capable hands of Mrs. Olive Pierce Hazel, 6336 Sheridan Road. Mrs. Hazel is instructor in physical education at the west side campus.

The cast of characters includes the following, all members of the drama club: Arthur Petterino, 4820 West Kamerling Avenue. He is a sophomore in the school of arts and sciences and is president of his class. A member of the Dance Committee and the Student Council, he has also been active in intramural athletics since his freshmen days. Lately he has found time to be a sweater representative for his class. Arthur will act the part of a taxi driver in the play.

Robert Meyer, 832 Highland Avenue, Oak Park, a junior in the arts and sciences, will also act the part of a taxi driver. Vice-president of his class, Robert's activities include being a member of the News staff, the Annual staff, the Student Council and the Badminton Club. He is a member of Gamma Rho fraternity.

Playing the part of Mary Ward will be Miriam Walker, 1706 South 5th Avenue, Maywood, Illinois, a senior in the arts and sciences department. Miriam is president of the Lewis Drama Club. In addition, she is on the staffs of the News and the yearbook, a Student Council member, president of the Glee Club and a member of Kappa sorority.

John Perkins, Jr., 7644 South Sangamon Street, will play the role of John Thompson. John is a junior in the arts and sciences department and the treasurer of the junior class, a member of the Student Council, the News and Annual staffs, and the Badminton Club. He is a member of Gamma Rho fraternity and at present is taking flying lessons under the government's Civilian Pilot Training Plan.

The role of Clifton Ross is played by Charles Reinhardt., Jr., 4546 Sheridan Road. Charles, a student of the arts and sciences department, is vice-president of the senior class. He is a member of the Student Council, the News staff, and the Badminton Club.

Steven Mendak, 2013 West Iowa Street, a junior in the arts and sciences department, plays the part of Lawrence Ormand. Steven is president of the junior class, a member of the Student Council, the News staff, the Annual staff and a star player on the school's basketball team.

Alda Kairis, 315 South Kostner Avenue, senior co-ed in the department of arts and sciences, will play the part of Dorothy Clark. A member of Lambda sorority, Alda is president of the Pan-Hellenic League, School Activities chairman and a member of the Student Council. She also belongs to the Glee Club and is on the staff of the News.

The role of Grace Mueller will be taken by Jane Goelet, 1827 Washington Boulevard. A student in the arts and science department, Jane is secretary of the senior class, a member of the Student Council, the staff of the News, the Glee Club and president of Lambda sorority.

The role of Fred Winthrop goes to a freshman, Willard Fisher, 4715 Monticello Avenue.

Richard Barnes, 5350 North Glenwood Avenue, will act the part of the sightseeing guide.

- ED -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ANNOUNCEMENT OF NEW CAMPUS PLANS

RELEASE: AFTER 1:00 P.M., Monday, 1/13/41

Trustees of Illinois Institute of Technology today (Monday) announced plans for expansion of the school's physical plant at an estimated cost of $3,000,000. In addition, the trustees hope within the next few years to secure, through additions to endowment and the development of other sources of support, funds sufficient to assure the Institute an annual operating income of at least $275,000 in excess of current figures.

The plans for development of "a great technological center" were outlined to more than 100 civic and business leaders of the city at luncheon in The Chicago Club, by President Henry T. Heald of the Institute and Wilfred Sykes, assistant to the president of the Inland Steel Company and chairman of the policy committee of the board of trustees. Serving with Mr. Sykes on this committee are James D. Cunningham, president of Republic Flow Meters Company and chairman of the board of trustees; Charles S. Davis, president of the Borg-Warner Corporation; Sydney G. McAllister, president of the International Harvester Company; and Charles B. Nolte, president of The Crane Company.

According to the announcement, Illinois Institute of Technology has already made preliminary arrangements for the expansion designed to provide adequate modern accomodations for 7,000 students in engineering, arts and sciences. This step will equip a single campus for those enrolled in Armour College of Engineering and in Lewis Institute of Arts and Sciences, the merger of which was formally completed last July.

While the entire program contemplates progressive steps over a period of time, certain definite projects are outlined for completion within the coming few years.

These include the erection of a new mechanical laboratories building, an engineering and science building, a library and humanities building, a student union, a field house and a power plant. No interruption in campus activities is involved as

existing facilities will be utilized until replacement is complete. This means that both the Lewis and Armour campuses of the Institute will continue in operation for the present.

At today's (Monday's) luncheon, Chairman Cunningham of the Institute's board of trustees presided. The general development plan was outlined by Chairman Sykes of the board's policy committee, while details of present campus activities and future plans, illustrated by slides and motion pictures were given by President Heald.

According to President Heald, one of the problems which beset Armour Institute for years was deterioration of the neighborhood in which it was located. Numerous proposals were made to move the campus to another section of the city. More than three years ago, however, the trustees, after careful study, concluded that "the advantages inherent in the present location of the school, readily accessible from all parts of the city and splendidly served by all forms of transportation, were so great that it was not practical to contemplate development on another site."

As a result, steps were taken to secure sufficient property adjacent to the present Armour campus to provide for future growth. Six blocks of land surrounding the campus, extending from 32nd to 34th Street and from State Street to the Rock Island Railroad tracks have been gradually acquired. Following the merger with Lewis a re-survey of the area indicated that ample space for a joint campus was available. Architect's drawings for the required buildings and campus plan were prepared by the late Alfred S. Alschuler, prominent architect and a member of the board of trustees of Armour Institute from 1926 until his death last year.

Part of the campus expansion plan is already in operation, it was pointed out by President Heald. This consists of a small laboratory building recently completed on Dearborn Street just south of 33rd. This structure was erected by the Institute in conjunction with the Research Foundation, which will continue its service to industry from the new campus.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VICTORY
4600 - CHICAGO, ILLINOIS

RE: GRADUATE STUDIES
SECOND SEMESTER BEGINS 2/10/41

RELEASE: FOR MONDAY 1/20/41

In line with its recently announced campus and educational expansion program, Illinois Institute of Technology will offer several new graduate courses for engineers during evenings. These courses will get under way with the beginning of the second semester of the academic year 1940-41 on February 10th., 1941.

Designed primarily to serve engineering personnel now employed in Chicago industry, according to Dr. L. E. Grinter, dean of graduate studies who made the announcement, these courses are also projected along lines necessary to assure defense industry a sufficient number of highly specialized engineers. "This program therefore, is two-fold in that it serves it purpose of providing highly trained scientists and research engineers for defense production and development progress, he said, "as well as satisfying the need for graduate study during evenings for those interested in advancing their education."

Among the several new courses listed, never before offered in the Chicago area is one having direct application in the airplaine design and construction industry. Known as a course in aerodynamics, this course for graduates is augmented by two others forming, "so to speak, short-term curricula in the advanced study of airplane design and construction," explained Dr. Grinter. "The first of these," he continued, "has reference to the two-dimensional theory of the airfoil and the three-dimentional theory of the wing. The second of the courses referred to, structural and mechanical vibrations, has direct-application in the determination of proper engine mounts, etc., and vibrational conditions of high speed plaines in flight under varying conditions."

An especially important course to the aeronautical engineer is that of thin shell construction. This course is the counterpart of one given last summer by the Institute during its highly specialized graduate program designed

for "key men in defense industry."

In all, 45 seperate courses are now listed in the expanded graduate division curricula. These courses range from higher mathematics to sanitary engineering and encompass all phases of industrial and highly scientific problems.

Another of the courses never before presented in Chicago is that of traffic engineering. Filling a long felt need of the highway engineer, this course is developed along the most advanced traffic engineering lines including traffic survey methods and analysis for urban and rural highway planning. It also includes motor vehicle laws, regulations, and traffic control methods as well as design principles for super-highways and traffic channelization. Professor S. M. Spears of the Institute faculty, a leading expert in this field, will present the course.

Dr. Ernest Schwarz-Kast, research expert of the Armour Research Foundation will present a course on industrial electric drives and motor controls. This course is another of the group specifically designed to meet the needs of defense indsutry. Predicated upon the highly technical problem of electric motor usage in industry today, Professor Schwarz-Kast will consider all fundamental principles involved in correct motor design, construction and application as well as motor controls.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VICTORY 4600

RE: FIRST COMMENCEMENT EXERCISES
FIRST COOP GRADUATING CLASS
WEDNESDAY, JAN. 29, 1941-8:15 P.M.

FOR IMMEDIATE RELEASE

First Illinois Institute of Technology graduation exercises, since amalgamation of forty-four-year-old Armour Institute of Technology with Lewis Institute last July, featuring the first graduation class of five-year cooperative plan students since the 1936 inception of the revolutionary plan, were announced today by H. T. Heald, president of the Institute.

The exercises, during which sixty-seven students will receive diplomas, will be held Wednesday, January 29, 1941 in the auditorium of the Museum of Science & Industry in Jackson Park (at the foot of 57th Street). They will begin at 8:15 P.M.

Alfred Kaufmann, President of the Link-Belt Company of Chicago, one of eighty-one large industrial corporations cooperating with the Institute in this special alternating work-and-study program, will address the graduates.

Dr. Harold W. Ruopp, minister of Central Church, Chicago, will deliver the invocation and benediction. A student choral group and an orchestra will perform.

A novel aspect of the exercises will be found in the fact, that in addition to parents and friends of the students, employers of many of the fifty-seven graduates who are taking degrees in mechanical engineering under the five-year cooperative plan are expected to attend.

In an oblique sense, these employers are part of the "faculty" of Illinois Institute of Technology. As owners of plants and factories in which Institute students work twenty-six weeks of each of five undergraduate years while they spend twenty-four weeks annually in the schoolroom, they contribute greatly to

the finished scholastic product.

Wages paid in the respective industrial shops to undergraduates are more than sufficent to offset tuition and incidental fees of the school. Only highly-qualified freshmen, enrolling with superior marks and other recommendations, are allowed to work under the cooperative plan.

Ten of those receiving diplomas will be graduates of regular four-year courses of Armour College of Engineering division of Illinois Institute of Technology, a program in no way minimized since the cooperative plan was established.

President Heald will confer the diplomas after the candidates are presented to him by Charles Austin Tibbals, Dean of Armour College of Engineering of the Institute. Institute marshals of the exercises will be Professors Charles A. Nash, William A. Colvert and Arthur W. Sear.

Two honor-students from each undergraduate class of the cooperative plan enrollees will be student marshals, assisted by five honor-student marshals from the regular four-year course classes. The four-year course marshals are:

James D. Brown, Robert H. Harmon, Leonhard W. Holmboe, Roy E. Jacobsen and Leo Stoolman.

Following is the list of five-year plan candidates (Bachelor of Science degrees in mechanical engineering):

AHLSTROMER, MAGNUS JOHN	1625 Grace Street	Chicago, Illinois
ANDERSON, G. MONTGOMERY	4332 Dayton Street	Chicago, Illinois
ANTHONY, WILLIAM R., JR.	2323 Melrose Street	Chicago, Illinois
APPELT, LEONARD	4548 S. Rockwell Street	Chicago, Illinois
BECKMANN, PAUL G.	7630 Vernon Avenue	Chicago, Illinois
BLAIDA, ANDREW S.	4725 Florence Street	Downers Grove, Illinois
BURKLAND, ROY	3219 N. Racine Avenue	Chicago, Illinois

CHUBINSKI, GILBERT	2841 N. Spaulding Avenue	Chicago, Illinois
COLANTINO, ARNOLD M.	5002 Armitage Avenue	Chicago, Illinois
GADERLUND, HARRY A.	4911 N. Hoyne Avenue	Chicago, Illinois
GARVEY, HENRY M.	3328 W. 65th Place	Chicago, Illinois
GUSTAVSON, HAROLD P.	1333 Chestnut Street	Western Springs, Ill.
HAWKINS, MILTON G.	205 S. Washington Street	Westmont, Illinois
HEINDENRICH, FRANK J., JR.	Box 285	Clarenden Hills, Ill.
HERING, HAROLD E.	2715 W. 23rd Place	Chicago, Illinois
HILL, CHARLES F.	10646 Avenue F	Chicago, Illinois
HILL, JOHN C., JR.	6925 Ottawa Avenue	Chicago, Illinois
HOLLOWICH, GARRISON G.	3220 W. Leland Avenue	Chicago, Illinois
HUTCHINGS, WARREN	4315 Van Buren Street	Chicago, Illinois
JOHNSON, BIRGER E.	1107 N. Leamington Avenue	Chicago, Illinois
JOHNSON, ROBERT N.	1024 Country Club Road	Joliet, Illinois
JONES, DONALD	356 Whittier Avenue	Joliet, Illinois
KALLEVIK, BEN. E.	1021 S. Fourth Street	Aurora, Illinois
KLEINWACHTER, KENNETH J.	5064 Sunnyside Avenue	Chicago, Illinois
KOSLEY, RAYMOND W.	1522 N. Mayfield Avenue	Chicago, Illinois
KRAHULEC, FRED	2507 Ridgeland Avenue	Berwyn, Illinois
KRANTZ, HERMAN F.	807 Aurora Avenue	Aurora, Illinois
KRUSE, HAROLD N., Jr.	11030 Wallace Street	Chicago, Illinois
KUCERA, JOHN J., JR.	2750 S. Homan Avenue	Chicago, Illinois
KULIEKE, FREDERICK C., JR.	5838 N. Kostner Avenue	Chicago, Illinois
LARINOFF, MICHAEL	15266 Walton Avenue	Harvey, Illinois
LAVOLD, GERALD P.	3305 W. Diversey Avenue	Chicago, Illinois
LEVERENZ, ERNEST G.	3119 N. Kilbourn Avenue	Chicago, Illinois
MCKEON, THOMAS F.	7643 Drexel Avenue	Chicago, Illinois

MAERTIN, HARVEY A., JR.	5341 S. Hoyne Avenue	Chicago, Illinois
MEYERS, STANFORD WALTER, JR.	2443 Leland Avenue	Chicago, Illinois
NELSON, BERTEL S.	1433 N. Kolin Avenue	Chicago, Illinois
NIGRELLIA, B. J.	2921 S. Wallace Street	Chicago, Illinois
OLINGER, D. RICHARD		Counce, Tennessee
OLSEN, STUART T.	221 N. Lockwood Avenue	Chicago, Illinois
PARKER, GEORGE H.	4228 Washington Boulevard	Chicago, Illinois
PARKER, VERNON HALDON	802 Hinman Street	Aurora, Illinois
RADVILLAS, STANLEY G.	3149 S. Normal Avenue	Chicago, Illinois
RUHE, EDWARD W.	1227 Sunnyside Avenue	Chicago Heights, Ill.
SCHMAL, RALPH J.	29 Carroll Street	Hammond, Indiana
SCHMIDT, EDWARD W.	923 Michigan Street	Hammond, Indiana
SCHMIDT, ROBERT F.	119 Warren Avenue	Aurora, Illinois
SCHOEFFMANN, LAWRENCE G.	3812 N. Oakley Avenue	Chicago, Illinois
SMITH, LEON	3563 W. Fifth Avenue	Chicago, Illinois
SWEITZER, JOHN H.	629 Stone Avenue	La Grange, Illinois
WHITTINGHAM, DAVID	5456 Ferdinand Street	Chicago, Illinois
WIERZBICKI, EDWARD	5417 S. Seeley Avenue	Chicago, Illinois
WILMS, CARL A.	1623 N. Kedvale Avenue	Chicago, Illinois
WOGNUM, JAMES	10157 Lowe Avenue	Chicago, Illinois
WOODS, PETER H.	1144 Woodrow Street	Lombard, Illinois
ZALEWA, STANLEY F., JR.	4933 W. 12th Street	Cicero, Illinois
ZYWOT, WALTER	3920 S. Lake Avenue	Calumet City, Ill.

Following is the list of four-year course graduates:

CONNORS, E. C.	4850 Quincey Street	Mechanical Engineering
ENDER, JOSEPH J.	1545 S. Tripp Street	Mechanical Engineering
JOHNSON, WALLACE A.	1822 Juneway Terrace	Mechanical Engineering

KASPER, LOUIS RAY	5508 S. Aberdeen Street	Mechanical Engineering
KURLAND, JEROME J.	1608 S. Millard Avenue	Chemical Engineering
MAZE, LOUIS	1659 Washburne Avenue	Electrical Engineering
MONSON, DONALD	4926 Kimbark Avenue	Architecture
PLOWMAN, WILSON	3524 S. Michigan Avenue	Fire Protection Eng.
PAVEL, HAROLD J.	2301 S. Homan Avenue	Chemical Engineering
RIESER, DOUBLAS A.	628 Fox Street Aurora, Illinois	Chemical Engineering

-JM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: BASKETBALL - ELMHURST COLLEGE AT
ILLINOIS TECH - 1/21/41 - 4:15 P.M.
108th ENGINEERS ARMORY

RELEASE: FOR MONDAY, JANUARY 20, 1941

On Tuesday, January 21, 1941, The Illinois Tech Cagers will wind up their home season against Elmhurst College in the 108th Engineers Armory at 4:15 P.M. This will be the tenth start for the Techawks. They will be seeking their third win.

Squaring off at 6 feet 4 inches for the tip-off will be sophmore Ray LaGodney of the Engineers and the Blue Jay Captain, senior Henry Hakewill. LaGodney, in his first year of college competition has averaged 5.1 points per game in nine contests while Hakewill, Elmhurst's scoring ace of the past season has average 4.6 points in the first five games this year. A pair as evenly matched as this promises an exciting battle, especially under the basket on the rebounds.

For the Elmhurst contest "Remie" Meyer, Techawks mentor has nominated a pair of 6'1'' juniors, Howard Pendlebury and Wally Futterer. Pendlebury excels at rebounding and Futterer speciallizes in push shots. The only "regular" regulars will be found at the guard positions in Captain Henry Sliwa and sophmore Jack "Irish" Byrne.

Sliwa has been the true leader of the squad and his driving step in shots have been timely. He has that scoring punch when the chips are down.

Byrne is the outstanding star of the team. With his faultless dribbling and ball handling, combined with a deadly hook shot, he has maintained a nine point per game average. "Irish" commits very few personal fouls, but rarely agress with an official.

Elmhurst's coach Fred Heine will round out his starting lineup with forwards, Richard Rasche and Jack VonVoorst, Clifton Harm and Gilbert McKinley will be at guard. Harm is the visitor's current leading scorer.

PROBABLE STARTING LINEUP-

ELMHURST COLLEGE		ILLINOIS TECH
Rasche	F	Pendlebury
VonVoorst	F	Futterer
Hakewill	C	LaGodney
Harm	G	Sliwa
McKinley	G	Byrne

-EC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SWIMMING - NORTH CENTRAL AT ILLINOIS TECH
BARTLETT POOL, U. OF C., 1/25/41 - 2 P.M.

RELEASE: FOR FRIDAY, JANUARY 24, 1941

On Saturday afternoon, January 25th, at 2:00 O'clock, the Illinois Tech tanksters will play host to North Central College of Naperville in the first of a home and home series in Bartlett Gym on the University of Chicago campus.

The Cardinals' talent centers about Harold Henning, who if it were not for the ruling prohibiting a swimmer from participating in more than three events, could win a meet all by himself. Last year Whitney Pearson, of the Techawks, nosed out Henning in the 100 yd. freestyle, but at the present time he is ineligible. The Engineers, therefore, have conceded three firsts to Henning in his specialties, the 40 and 100 yd. freestyle events and the 100 yd. backstroke. The Techawks, however, are prepared to take runner-up honors in all three events with Captain Arnold Blume swimming the freestyle events paired off with Lawrence Rademacher in the 40 and Dick Taylor as his companion in the 100 yd. events.

Henning's shadow in the 100 yd. backstroke will be either Earle Huxhold or Dick Talcott of the Techawks. The two have taken turns at winning thus far this season, and they will be expected to finish two and three.

The ace of the Techawk breastroking staff, Karl K. Koos is at the present time in the hospital. But the Engineers are blessed by a wealth of material in this department and it is anticipated that Vic Svagdis and James Bell should nose out Mullen of North Central for honors. Svagdis swims the route under water while "Mo" Bell is a Butterfly artist.

Perhaps the most welcome addition to the Techawk squad is John Tregay, who at present is undefeated in collegiate diving. It is a matter of controversey as to whether or not he will meet his match in Ostro of the Redbirds.

With the exception of the relay events, it appears that the Cardinals have a slight edge and it is here that the Techawks are planning their coup. North Central has always been known to be vulnerable in the relay events, while for the Techawks, the relays have proven to be their greatest point maker. The Medley Team composed of Huxhold, Svagdis and Rademacher have, strictly speaking, been undefeated in the present season (they were disqualified in one meet though winning decisively). And the sprint relay team with Rademacher, Wahlgren, Taylor and Blume should win easily and provide Illinois Tech with their margin of victory.

- EHC -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ENGINEERING DEFENSE TRAINING COURSES
IN WAUKEGAN, ILLINOIS

RELEASE: FOR WEDNESDAY, 1/29/41

Illinois Institute of Technology last night, Tuesday, January 28th, inaugurated three courses for the training of engineers in defense industries in the Waukegan area.

The announcement, made by Mr. H. T. Heald, president of the Institute, revealed that an organization meeting was held last night in the Army and Navy Y.M.C.A., 224 North County Street, at 7:30 P.M. The meeting was for the purpose of acquainting students and instructors with the necessary procedures and to obtain formal enrollment as required by the United States Office of Education.

This Engineering Defense Training program is one carried on exclusively in the Chicago area by Illinois Institute of Technology. It is planned under the auspices of the United States Office of Education as part of the government's huge defense program. The Institute is expending $100,000 for this program in the Metropolitan Chicago area.

The courses projected for the Waukegan and North Chicago area are for the training of foremen. Instructors, according to Professor John I. Yellott, Chairman of the committee in charge of Engineering Defense Training for the Institute, will be W. K. Burchard, Illinois Bell Telephone Company, William Sherman, International Harvester Company, and Joseph Zachary, Commonwealth Edison Company. Richard Starr, International Harvester Company, is in charge of foreman-training for the Institute's Engineering Defense Training program and was present last night to supervise enrollment of personnel.

One of the courses in foreman training, according to James E. Maxwell, general secretary of the Waukegan City Y.M.C.A., who has been instrumental in arranging the Waukegan program, will be held in the Army and Navy Y.M.C.A. quarters. Another of the courses will be conducted in the North Chicago area, while the third course will be conducted in the plant of the American Steel & Wire Company.

Foremen in the following industrial firms have enrolled in this series of courses:

Abbott Laboratories	Johns-Manville
Chicago Hardware Foundry	Public Service
Oakes Products	Zion Bakery
American Steel & Wire	Greiss-Pfleger
National Envelope	American Can
Johnson Motors	Bell & Gossett

The program for the Chicago area was developed after two weeks of intensive study by administrative officers and faculty members of the Institute, in cooperation with representatives of industry, the Illinois Manufacturers Association and the Chicago Association of Commerce. The result of this study, consisting of a recommendation for 16 specific courses, was sent to Washington and received the approval of the United States Office of Education, authorizing the Institute to enroll students in the courses outlined. This program is the largest carried on by any engineering school in the United States, according to advice received from Washington.

"The courses," according to Professor J. I. Yellott, "are strictly upon a college level and not of the vocational or trade school type. They do not in any way interfere with the regular college-credit evening sessions work currently offered by the Institute for persons studying for a degree.

"It is not our intention, in offering these courses," he emphasized, "to draw persons from the group interested in degrees. It is our belief, and that of the United States Office of Education, that the best job that engineering schools can do is to continue graduating regular quotas of engineering students each year from our day and evening classes. In fact," he added, "very few persons have attempted to drop their regular evening studies to join these classes; and we have discouraged those who have considered doing so."

In view of the fact that the basis for acceptance for any one of the 16 courses listed was the ability of the person interested to handle the course, all 2,000 applicants were personally interviewed by members of the faculty of the Institute.

It is estimated, according to Professor Yellott, that the program necessary to effectively serve the needs of the Chicago area in this phase of the defense program will necessitate an approximate expenditure of $100,000.

"These funds," he stated, "will be used to provide the professorial talent as well as to purchase limited equipment required for some of the courses. A certain part of this fund will be used, also, to defray part of the expenses for physical plant operation. The student, therefore, pays no tuition fees whatsoever - the Government reimburses the Institute for the expenses it incurs in this connection.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: REGISTRATION OF EVENING DIVISION
CLASSES AND NEW COOP REGISTRATION - 2/3

FOR IMMEDIATE RELEASE

An upward surge of enrollment in the evening sessions of Illinois Institute of Technology was forecast yesterday by H. T. Heald, 5844 Stony Island Avenue, president, in an announcement of registration for evening classes to begin tomorrow and to continue through February 8th. Registration for day classes will be held February 6th and 7th. All evening division classes start February 10th, ending June 7th.

"Early indications both at Armour College of Engineering and Lewis Institute of Arts and Sciences divisions show that Chicago has become increasingly aware of educational opportunities offered by Illinois Institute of Technology," Heald said.

"The registration will be the first midyear semester enrollment since the merger last July of Armour Institute of Technology and Lewis Institute. Last semester's evening enrollment of 3,600 students should be exceeded, though our classroom and laboratories are taxed at present."

A trail-blazing program for students interested in a five-year course which provides for alternate training on the job and in the classroom is set up in the cooperative courses in business administration and industrial management, leading to a bachelor of science degree, to begin at the Lewis Institute division tomorrow, (2/3).

Similar in working pattern to the much-publicized cooperative courses in mechanical engineering at the Armour College division, these courses will place students in jobs provided by the firms cooperating with the Institute.

One group of students will start school tomorrow and another will start work for firms paying prevailing wages, from which tuition and other school expenses can be realized. The school group will exchange places with the second group on March 31st and an alternating process will take place through five years of undergraduate training.

The business administration curriculum covers the fields of retailing, wholesaling, office or personnel management, advertising and related interests. Basic studies in humanities, science and economics are supplemented by courses in motion and time study, factory layout and equipment, production management, cost control and industrial marketing.

One hundred and twenty-three courses, including forty-three in the graduate department, are offered in the evening division, according to Mr. H. P. Dutton, 2242 Pioneer Road, Evanston, dean of the evening division.

"The life of the average citizen has begun to be touched by the problems of industry and national defense, and our courses are a reflection of this widespread trend," Mr. Dutton said.

Classes in public speaking, utilizing recording machinery to reflect the nuances of voice tones, are listed. Courses in public policy, embodying principles of community organization and leadership, psychology of perceptual education, industrial sociology, vocational and industrial psychology, personnel administration and inspection procedures are offered.

M. W. Fodor, 1205 Sherwin Avenue, former European correspondent and expert on Balkan problems, now professorial lecturer in social science, will conduct a course in "New Governments of Europe". "Social Politics and Modern Movements" will likewise be a course in contemporary affairs.

W. Dean Keefer, 220 Myrtle Street, Winnetka, assistant vice president in charge of engineering for the Lumbermen's Mutual Casulaty Company, will instruct a class in safety engineering. He was formerly in charge of the Chicago division of the National Safety Council.

A novel course in color measurements will be taught by J. C. Adams, 704 East 81st Street, research engineer for the Federal Electric Company. Advanced ceramics will be jointly taught by Marie E. Blanke, 1718 North LaSalle Street, and Barney S. Radcliffe, 804 South Kenilworth Avenue, Oak Park.

"Students who in the past have contented themselves with spare time work in engineering and related fields, without being particularly anxious for a degree, are now capitalizing on their engineering backgrounds and enrolling as undergraduates," said Dr. C. A. Tibbals, 5541 Everitt Avenue, dean of the Armour College of Engineering.

"This action is caused, no doubt, by the demand for advanced scientific training accelerated by international conditions."

Graduate evening classes range through chemical engineering and chemistry, civil engineering, electrical engineering, mechanical engineering, mathematics, physics and social science.

Dr. Ernst L. Schwarz-Kast, 551 Surf Street, research electrical engineer of the Armour Research Foundation, will conduct a course in industrial electrical drives and motor control. Dr. Roy Kegerreis, 235 North York Street, Elmhurst, will teach X-ray analysis.

Addition of classes to the program of engineering defense training which has its largest national unit at Illinois Institute of Technology, cannot be announced at the present time, according to John I. Yellott, 5000 Cornell Avenue, director of the department of mechanical engineering of the Institute and chairman of the committee in charge of engineering defense training.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: APPOINTMENT OF W. DEAN KEEFER AS INSTRUCTOR IN SAFETY ENGINEERING FOR EVENING SESSIONS

FOR IMMEDIATE RELEASE

W. Dean Keefer, assistant chief engineer of Lumbermens Mutual Casualty Company, and for twenty years chief engineer and director of the industrial division of the National Safety Council, has been appointed to the faculty of the evening sessions of Illinois Institute of Technology.

This was announced today by H. P. Dutton, dean, who said Keefer would instruct a class in safety engineering, a field in which he is an eminent American authority. Evening registration will take place February 3rd through 8th and classes commence February 10th.

Included in the course will be discussion of safety practices, prevention of industrial diseases and protection against war-time hazards, according to Dean Dutton.

Keefer, a graduate of Syracuse University in 1915 with a degree in electrical engineering, assumed his present business post fourteen months ago. He is author of a twelve-booklet series, widely-known among shop managers and workers, "Safety in Foremanship".

Prior to assuming his post with the National Safety Council in 1919, Keefer had industrial experience with the Williamsport (Pennsylvania) Furniture Company, the Solvay Process Company, the Aetna Insurance Company, and the Four Wheel Drive Company. He was a member of the casualty council of Underwriters Laboratories, Inc. (Chicago).

Keefer, born in Williamsport, Pennsylvania, is a member of the American Standards Association, the National Silicosis Conference, and a former national secretary of the American Society of Safety Engineers. He was business manager of the National Safety Council from 1921 to 1924. It is estimated that he has been employed as consultant by more than 1,000 business and industrial firms.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: FIRST CO-OP GRADUATION, MUSEUM OF SICENCE AND INDUSTRY - 1/29/41 - 8:15 P.M.

FOR RELEASE: WEDNESDAY, 1/29/41

The first graduation class in Chicago's collegiate history no commencement speaker could reasonably warn of "the cold, cruel world" and "life's stormy perils" will sit tonight in the auditorium of the Museum of Science and Industry fifty-seven strong.

For the graduates of Illinois Institute of Technology's first five-year cooperative course in mechanical engineering, who at 8:15 P.M., complete an argosy that took them since 1936 through uncharted educational seas, have survived in the cold, cruel world and outfought at least some of life's stormy perils in order to have qualified for graduation.

Each of them has had an employer as well as a school to be accountable to since he enrolled as a fledgling in the school's pioneering plan with the knowledge that he was to spend twenty-six weeks of each year in a manufacturing plant, factory or business establishment and twenty-four weeks in the classroom or laboratory.

Chicago has not been the only locale of their practical educations. Illinois, Indiana, Wisconsin, Michigan, Iowa and Ohio, with the industries of Peoria, Aurora, Moline, Joliet, Davenport, Gary, East Chicago, Hammond, Michigan City, Kenosha, Cincinnati and Waukegan have seen their lunch pails.

At the open hearth furnaces where the foreman was not called "Professor" but "Butch" . . . . in the plant where the only fraternity was the sort that lines up at the time-clock . . . . and in the office where every day was examination day have the fifty-seven demonstrated their right to degrees of Bachelor of Science in mechanical engineering.

Some will take them from President H. T. Heald with horny hands and among those watching will be parents and friends, and employers as well. Each graduate has earned his tuition and incidental school fees from these employers during the weeks he alternated at plant and school.

The graduation class as a whole has demonstrated more than the individual ability of each member to cross the five-year hurdle. The success of the cooperative plan, hailed by some persons as visionary and impractical for schoolboys, will have been completely vindicated.

Each member of the graduating class has a job to report to tomorrow, either the one he has worked at for five years or some other equally good one. And each man will be regarded as having won his spurs as an engineer in the employ of one of the one hundred twenty firms cooperating with the school.

That a student could be an efficient cooperative course member and still retain his identity as a member of the general student body will also have been demonstrated. Such rigid enrollment demands were placed on those entering in 1936, it was natural class leaders should develop among those accepted.

David I. Whittingham, president of the graduating class and of the Cooperative Club of the course members, has spent five years with the American Steel Foundries. His average is 2.86 of a possible 3.00 highest in the class. In addition, he has been a member of the editorial staff of the Cycle, school yearbook. He has been a member of the student union board of control, a member of the American Society of Mechanical Engineers, student chapter, a sponsor of the Coop Club dance, a school honor marshal, and a member of three fraternities.

Paul G. Beckmann, graduating with an average of 2.82, has worked for Republic Steel Corporation and taken a part in school life approximating that of Whittingham. He graduated from Tilden Technical High School in January of 1936, fifth in a class of 230 students. This high school class standing could be boasted by many of the cooperative course graduates.

Peter H. Woods, editor of Technology News, undergraduate weekly, found time not only to have a hand in virtually every campus publication but to play in the orchestra, earn a Red Cross life guard rating, and belong to fraternities. He has been made editor of the house organ of the Link-Belt Company after first working at straight engineering projects.

Robert F. Schmidt, vice president of the class, an honor marshal as a junior, a member of the basketball team for two years, also engaged in fraternity activities. He has been employed by Lyon Metal Products, Inc.

Edward J. Wierzbicki, working for American Steel Foundries, was on the school paper for two years, a member of the undergraduate theatrical group for four years, president of his fraternity and a class officer.

Stanford Walter Meyers, Jr., graduating from Lane Technical High School in 1936 third in a class of 357, has maintained his leadership as a student and indulger in extra-curricular activities, though a member of the cooperative course working for the Chicago Screw Company.

Diplomas will be awarded also tonight to ten graduates of the regular four-year courses in mechanical, chemical, electrical and fire protection engineering, and architecture.

Alfred Kauffmann, president of Link-Belt Company, Chicago, will address the graduates on "Opportunities for Technically Trained Men in the Business Battle Ahead."

Dr. Harold W. Ruopp, minister of Central Church, Chicago, will deliver the invocation and benediction. The invocation will be followed by a tenor soloist, Robert J. Mead, singing "Panis Angelicus" by Franck. Sixteen voices of the Illinois Institute of Technology Glee Club will accompany him. Following Kauffmann's speech there will be a violin solo, "Cavitina" by Raff, played by Melvin Korrell.

John A. Briggs, Howard A. Dvorak, Ove Green, Gerhart A. Guckel, Edward P. Hanuska, Frank D. McGinnis, Bertram J. Milleville and Fred C. Sternberg, are student honor marshals chosen from each of the four cooperative undergraduate divisions.

The new official insignia of Illinois Institute of Technology, formed by the merger last July of Armour Institute of Technology and Lewis Institute, will be used for the first time formally on the diplomas awarded graduates.

A circular background will include a shield upon which are combined a torch of learning, emblem of Armour Institute, and the tree of learning, emblem of Lewis Institute, with all print in engineer's lettering, a type also used for the diplomas. The design was effected by the department of architecture of the Institute.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SPEECH OF ALFRED KAUFFMANN TO COOP
GRADUATING CLASS, WEDNESDAY, 1/29/41
8:15 P.M.

RELEASE: FOR THURSDAY, 1/30/41

Human relationship between employer and employe as a paramount factor in industrial progress was outlined last night, Wednesday, January 29, 1941, by Alfred Kauffmann, president of the Link-Belt Company of Chicago, to graduates of the first cooperative mechanical engineering course of Illinois Institute of Technology.

Fifty-seven cooperative students who had completed a five-year shop-and-classroom course, and ten seniors completing a regular four-year course, sat amid parents, friends and employers in the auditorium of the Museum of Science and Industry in Jackson Park to hear Kauffmann's address, featuring graduation exercises. It was titled "Opportunities for Technically Trained Men in the Business Battle Ahead".

"If you aspire to be foreman or superintendent, chief draftsman or chief engineer, head of sales or finance, manager or president, a knowledge of men, and an appreciation of their problems and needs, and of the factors making for their contentment and happiness, will supersede knowledge of technical processes, or salesmanship or finance," Kauffmann said.

"The handling of men is one of the most difficult problems in industry. Industry buys more labor expressed in dollars for wages than almost all the commodities that enter into the product that is being manufactured; and changes in labor efficiency contribute more to profit or loss than any other single factor.

"Treating men as men, keeping faith with them, consulting them in matters that involve changes in hours, wages and conditions, are all factors in gaining and retaining that confidence which is so essential to satisfactory operations," Kauffmann declared.

Giving facts and getting cooperation is better policy than "treat 'em rough and tell them nothing," he added.

"Never hand out any bunk, because the men can detect that faster than you can. Not that soft dealing is required. Men don't want that, but they do want to know what it's all about. Most workmen today are intelligent enough to comprehend the facts and to use them constructively. Furthermore, in my opinion, they have a right to practically all the facts."

Knowledge of the facts concerning industry is growing and fallacies and wilful misrepresentations concerning industry are less frequently encountered, according to the speaker.

"Labor is going into business and is getting first-hand information as to the conditions that prevail, and the economic laws that govern it. I dwell on these industrial relations problems because of their importance, and also because as you climb higher up the ladder in your chosen field you will learn to realize what is meant by the employer's responsibility to his workers.

"When, as the years go by, you reach a position where you have to meet fifty-two payrolls a year in the face of keen competition, you will realize the responsibility is by no means a light one."

Scientific management, as developed by Frederic Taylor, the engineer, shows that engineers no longer confine themselves to design and development but have invaded the field of industrial relations, Kauffmann said.

"Without fear of contradiction, I can say to you tonight that right now American industry, in its determined search for its leaders of tomorrow, is putting a premium on brains," he added.

"Big and little manufacturing concerns are constantly spending enormous sums of money to find and train promising young talent for the key positions of tomorrow. Remember, keen business men are much more interested in creating a useful and lasting business than in merely making money. How the business will be run when they are no longer at the helm is of great concern to them. The only real insurance is the development of younger men like yourselves.

"You young men who are graduating this evening from the Cooperative Course in Mechanical Engineering are going forth better equipped than we were, because of your sound cooperative training in classroom, laboratory and shop. Because for the last five years you have alternated between industry and college, you have acquired a fundamental knowledge of the problems which you will face in your chosen work.

"Your cooperative college training has given you the opportunity to mix with your fellow men in the hurly-burly of life as well as college activities, to learn to judge them, to learn what their aspirations are and to govern yourself accordingly.

"Therefore, I count your contact with men of the greatest advantages of your cooperative training.

"As Charles Pratt said to our little graduating class of 1901 - 'Be true to your work and your work will be true to you'."

Each of the fifty-seven cooperative course graduates spent twenty-six weeks in industry and twenty-four weeks alternately in a classroom each year. Manufacturing plants in five middlewestern states, one hundred twenty in number, cooperated in providing employment for the students thus giving the course its name. At the same time, the regular four-year course, which also was represented by graduates, has not been minimized because of the cooperative program.

Each cooperative graduate earned his tuition and incidental fees from prevailing wages paid in the industries in which he was employed.

No one of the graduates of the cooperative course leaves school for a period of unemployment, often the fate of graduates, since he has already worked for five years in a given industry. He is regarded as a qualified engineer who, as well as possessing a degree, has the technique afforded only by practical experience.

David J. Whittingham, president of the graduating class, made a 2.86 average out of a possible 3.00. Paul G. Beckmann, also a prominent participant in school activities, had an average of 2.82.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SHOLTO M. SPEARS AT THE STEVENS HOTEL
1/30/41 - 2:00 P.M.

RELEASE: AFTER 2:00 P.M., THURSDAY, 1/30/41

The axiom that gentlemen prefer blondes, the belief that some of them cherish redheads, and other related data were given concrete illustration today by none other than a highway engineer.

He is Professor Sholto M. Spears, associate professor of civil engineering at Illinois Institute of Technology, who addressed 500 members of the Mississippi Valley Conference of State Highway Departments at 2:00 P.M. in the Stevens Hotel.

His subject "The Human Factor in Highway Design and Traffic Control," Professor Spears spoke knowingly of concrete highway pavements and how their colors make gentlemen into sane, happy drivers or unhappy roadhogs.

White concrete should be used on the outer travelling lanes of four-lane highways since it attracts the heaviest traffic, according to Professor Spears, who said it is a psychological truth that this color has allure for drivers.

Black, however, should be used for the central passing lane since the chief traffic load will be on the outer white lane and in this manner drivers in the passing lane will not be trapped behind slower vehicles, a most frequent source of irritation.

"Observations while driving have convinced me that this pavement color contrast is a very practical solution to the passing lane problem," Professor Spears said.

"Very seldom is a driver observed remaining on the black surface for any appreciable distance greater than that required to pass another vehicle."

Every truck driver is fond of something in red, according to the professor.

"Slower moving transport vehicles can grind through their gear changes while passenger vehicles continue at a high speed on their usual lanes if a colored siding lane or grades are used. Red concrete has been effectively used for such sidings."

Other psychological facts are of increasing importance to the highway engineer designing a road for the motoring public, Professor Spears observed.

"With the present state of perfection of the roadbuilder's science, the attention of the highway engineer must be directed as much upon the operator of the vehicle as upon the mechanics of the moving vehicle itself.

"If the driver feels an uncomfortable amount of force acting upon his body or experiences some increased effort in steering, he will be tempted to alter his curved pathway to suit himself," he declared.

Professor Spears further alibied for generations to come in striking a blow that will challenge arresting speed cops who claim in court a motorist could see how fast he was going.

"The speedometer in most vehicles is inaccurate," he said.

"Through observation of his speedometer, the average driver learns the noise level corresponding to his usual driving range. Most motorists tend to judge speed more by the noise level of the vehicle than by any external indication.

"Anyone who drives a vehicle equipped with 'overdrive' can test himself on this, for invariably after driving in the ordinary gears for a considerable time and then getting into the 'overdrive' in open country, one starts hunting for the old familiar engine roar and suddenly discovers that the speed is much higher than he expected."

Of importance in highway design is the psychological fact that motorists, after having driven over considerable distances at high speeds, generally have the sensation of travelling at a low rate of speed when the decrease in speed has been only ten to fifteen miles an hour, the professor declared.

Professor Spears stated that the following is "an interesting but seldom realized point brought out in connection with studies of vehicle action", that "the driving force on the rear wheels has a radial component opposing centrifugal force and that braking forces have a radial component in the direction of the centrifugal force." He said this means that "slight power application on a curve assists in reducing the skidding tendency."

On vertical curves centrifugal force in a vertical plane has an effect on the apparent weight of the car and the passengers, which in the case of sharp summits can be sufficiently large to cause a vehicle actually to leave the roadway surface and elicit a gasp of surprise from the occupants of the vehicle, Professor Spears said.

As a result of this principle, quite an appreciable number of overpasses have been built which give a pronounced "take-off" effect at the usual highway speeds, he declared.

"An interesting human trait is the tendency to continue an activity once it is instituted. This trait is related to the mental set or fixation of a decision made in any situation and the difficulty with which such a decision is changed. The notable tendency of drivers to overrun curves at night is partly due to this effect."

Attractiveness of a wrong path of travel cause many accidents in the traffic engineering world, Professor Spears said.

"Street lights and advertising signs have been known to cause drivers to assume no turn was present," he concluded.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SWIMMING - CHICAGO TEACHERS AT BARTLETT
2/3/41 - 2:00 P.M.

RELEASE: FOR SUNDAY, 2/2/41

Tomorrow afternoon, Monday, February 3, 1941, at 2:00 P.M., Illinois Tech's tankmen will seek their second win of the season in five starts. The visitors will be Chicago Teachers College and the meet will be held in Chicago's Bartlett Pool. It is the final of a home-and-home series between the two Chicago south side schools.

In the previous encounter earlier this season, the Teachers nosed out the Engineers by three points when the Tech medley relay combination was disqualified in the final event.

To date the Engineers' record has not been very impressive. The opening meet was the one mentioned with the Profs. The next contest was at Bloomington with Illinois Wesleyan wherein the Engineers suffered their second defeat of the season. This again was partly due to being disqualified in the relay event. The third defeat was suffered at the hands of Beloit college when the Techmen attempted to meet a strong aquatic combination with a team shriveled to but six men . . . sickness had taken its toll of the best men on the squad.

A glance at the record of the squad, one win in four starts, although not impressive, reveals that the matches were lost by very narrow margins. This same record shows junior Earl Huxhold as current high-scoring individual, with 20 points to his credit. Captain Arnold Blume, a senior architect student, is close behind with 18 points scored in three meets.

The junior Earl Huxhold has ammassed his total points as an outstanding Techawk in the backstroke events as well as one of the unbeaten medley relay combination. Captain Blume, on the other hand, is Tech's chief threat in the 40 yard and 100 yard free-style events. Blume also swims a leg in the free-style relay events.

Pacing the Teachers in tomorrow's encounter will be Harold Havlicek who is expected to win the 100 yard free-style event without any trouble or even serious competition from the Engineers. On the other hand, the versatile Havlicek will definitely have trouble in trying to take the 100 yard breast stroke with the competition expected from veteran Techawk Vic Svagdis. Svagdis uses the well known but very tiring "butterfly" stroke to very good advantage.

The remainder of the events, and the outcome of the match, are clothed in uncertainty. Proof of this is the narrow margin with which the Teachers defeated the Engineers in the first meet of this series. And naturally, during this time the Techawks have improved considerably, getting over their jittery condition which disqualified their relay combination in two meets and trimming a strong North Central combination last Saturday.

- MMC -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: OPENING OF SECOND SEMESTER, MONDAY, 2/10/41; ENGINEERING DEFENSE TRAINING

FOR IMMEDIATE RELEASE

The second semester of Illinois Institute of Technology, in its Armour College of Engineering Division day, evening and evening graduate schools, will open tomorrow, according to C. A. Tibbals, 5541 Everitt Avenue, dean.

Entering the freshman class will be five winners of one-year tuition scholarships, victorious in a field of seventy-five honor contestants from the public and private high schools of the metropolitan area.

In these past, these scholarships were awarded semi-annually by Armour Institute of Technology, which combined with Lewis Institute last July to form Illinois Institute of Technology.

Winners of scholarships and high schools they attended are as follows:

Theodore C. Anderson	3546 Fremont Street	Lane
Richard R. Carlson	2041 West Addison Street	Lake View
Alfred G. Erickson	7621 Maryland Avenue	Hirsch
Robert F. Hornbeck	7610 Maryland Avenue	Hirsch
Hal T. Hurn	5717 Dorchester Avenue	Hyde Park

Candidates took the four-hour exam January 11th. Scholarships will provide the winners with $300 tuition each during the academic year 1941-42. The awards are based upon a written competitive examination, personality, high school scholastic record and general fitness.

Theodore C. Anderson, who won two other scholarships, maintained an excellent scholastic rating in high school and was elected to the National Honor Society. Selecting chemical engineering for study, he plans to earn most of his tuition after the scholarship award has been used. A brother is an Armour College graduate.

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Richard R. Carlson, one of the top members of his graduating class, is a member of the National Honor Society. His hobby is mathematics and while in high school he belonged to the Math Club. For relaxation, he plays the guitar. Richard plans to be an electrical engineer.

Alfred G. Erickson, while he ranked third in the Hirsch High School graduation class and was elected to the National Honor Society, found time to be active in many extra-curricular activities. He was a member of the choral club and make-up editor of the school paper. His chief interest outside of school is railroad engineering. Erickson is planning to enter mechanical engineering.

Robert F. Hornbeck, also of Hirsch High School, was second in his graduating class. He was treasurer of the National Honor Society and member of the Biology Club. In the R.O.T.C. he attained the rank of second-lieutenant. He plans to make his profession chemical engineering.

Hal T. Hurn was in the upper tenth of the Hyde Park High School graduating class. Six feet two, Hal is very fond of the arts and one of his chief hobbies is music. He won a scholarship to the Art Institute for free-hand drawing. Hurn plans to enter chemical engineering.

In the event that any of the regular winners of the 1941-42 awards cannot accept a scholarship, the scholarship committee of the Institute has chosen the following to serve as alternates:

Donald H. Asire	1537 South Spaulding Avenue	Farragut
Leonard D. Berkovitz	3812 West Gladys Avenue	Crane
Jerome Cohen	856 Ainslie Street	Marshall
Louis L. Czyzewski	1502 North Damen Avenue	Lane
Wyman K. Ender	6343 Bryn Mawr Avenue	Taft

Evening classes at Lewis Institute of Arts and Sciences Division of Illinois Institute of Technology, also on a semester basis, will begin tomorrow, it was

announced. Day sessions of Lewis Institute, arranged on a quarterly basis, have been in progress since January 2nd.

Admission of more than 1200 citizen enrollees in the federally-subsidized Engineering Defense Training program, a second batch chosen from several thousand wishing non-credit engineering training on a college level, will be undertaken within the next week, according to John I. Yellott, 5000 Cornell Avenue, chairman in charge of the committee on Engineering Defense Training.

The non-credit courses offered under this program include design of bomb-proof shelters, tool and testing equipment, diesel engines, drafting and elementary design, industrial management, inspection methods, machine design and metallurgy.

One hundred and twenty-three courses will be offered in the day school and the same number in the evening division. New courses at Armour College of Engineering are applied and experimental stress analysis, problems in thermodynamics and heat transfer, problems in machine design and "Growth of the American Language."

The graduate school, among forty-three subjects, offers courses in chemistry, civil, electrical, mechanical and chemical engineering, mathematics, physics and social science.

They include new courses in industrial electrical drives, x-ray analysis and traffic engineering. The last will be taught by Professor Sholto M. Spears, 1720 West 105th Place, whose recent paper on human factors in highway design and traffic control was sensationally received by the Mississippi Valley Conference of State Highway Departments.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: HAROLD VAGTBORG

RELEASE: FOR MONDAY, 2/3/41

Harold Vagtborg, director of the Armour Research Foundation, affiliate of Illinois Institute of Technology, has been appointed a member of the National Research Council Committee in connection with an industrial exploration tour of South America. This information was confirmed by W. L. Batt, chairman of the division of engineering and industrial research of the National Research Council.

The tour, which begins March 17th, will be by way of Pan American Airways from Miami throughout the entire South American continent. Its purpose is to assist in the speeding up of industrialization of the more progressive South American countries.

In brief, according to a statement released by the National Research Council, this will be a tour of industrial exploration seeking industrial raw material which may find more extensive markets in this country, particularly of vegetable oils, fibers, minerals, pharmaceutical products and native South American woods.

Members of the Committee, all industrial research and scientific executives, will prepare a composite report of their observations during the South American tour. This report will be based upon their opinions of industrial possibilities as well as limitations and will be submitted through the National Research Council to the various government agencies.

Chief objective, according to Mr. Vagtborg, is the preparation of this report for presentation to the Inter-American Development Commission and the Department of Commerce.

The entire span of the tour is to include seven weeks approximately, from March 17th to May 3rd. Most of the trip will be by air, via Pan American Airways, with stops ranging from one to seven days at various industrial centers in Columbia, Peru, Chile, Brazil and Argentine. The longest stop-overs for investigation by the Committee will be at Cali, Santiago, Buenos Aires and Rio de Janeiro. Side trips will be

made with each of these points as centers of operation to such places as Vina del Mar, Barranquilla, Montevideo and Sao Paulo.

In all, forty major executives of United States industry will make the tour, although only a very small number will form the National Research Council Committee to report findings on industrial possibilities to the government. Representatives of the following companies will participate: American Locomotive Corporation, Atlantic Refining Company, Budd Manufacturing Company, Colgate-Palmolive-Peet Company, Goodyear Tire & Rubber Company, International Business Machines, Standard Oil and United Fruit. Names of other cooperating companies have not as yet been released.

One of the main reasons for the selection of Harold Vagtborg as a representative from the Chicago area centers about the prominence gained by the Armour Research Foundation as a leader in this field. The Foundation, it was learned, has since its inception in 1936 as the Research Foundation of Armour Institute of Technology, served well over 400 corporations in industrial research and development work.

Since 1938, its director has been Harold Vagtborg. A native of Copenhagen, Denmark, and only 35 years old, Mr. Vagtborg obtained his Bachelor of Science degree in 1926 at the University of Illinois. His experience has been both along professional and educational lines. From 1931 to 1938 he served as professor of municipal and sanitary engineering at Armour Institute of Technology. At that time, he relinquished his teaching duties to devote all of his efforts to direction of the Foundation.

His engineering experience includes construction work with C. J. Carlson Company of Chicago, as well as the development of the companies of Allen and Vagtborg, Inc., and Vagtborg & Associates, Inc., famous for design and construction of sanitary engineering, municipal and industrial plants.

A Reserve Officer, he is a member of the American Society of Civil Engineers, Western Society of Engineers, Illinois Society of Engineers, Central States Sewage Works Association and the South West Water Works Association.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: BASKETBALL - AT GRAND RAPIDS 2/6
AT LAWRENCE TECH 2/7
AT DETROIT TECH 2/8

FOR MONDAY, 2/3/41

Swinging into the final third of the season, the Illinois Tech Cagers will resume play on Thursday, February 6th, at Grand Rapids University which will be the first contest of the spring term for the Techawks.

Following Grand Rapids, the Engineers will travel to the Motor City where they will try the Hospitality of Lawrence Tech and Detroit Tech on Friday and Saturday Evenings, respectively.

It was against Grand Rapids University that the Techawks chalked up their first of three wins this season. To even the score with the Grand Rapids five for the two defeats last season, one more victory is necessary.

In this return meeting, the Techawks will be especially careful of the long range sharpshooting of Fred Grainger, guard. He accounted for one third of their total score in the previous meeting.

The match with Lawrence on Friday evening will place both teams on an equal basis with respect to physical condition. For although the Techawks will be slightly travel worn and playing their second game in two nights, the Blue Devils have contests scheduled on Tuesday and Thursday at De Sales of Toledo and at St. Mary's of Orchard Lake, Ontario.

The powerful Lawrence outfit which played Long Island University a few weeks ago, defeated the Engineers by a 61 to 36 score in their annual meeting last year.

Detroit Tech is a newcomer to the Techawk schedule of which very little is known. Last year the Dynamics won 15 and lost 2.

From a review of the current scoring data it is revealed that Tech's two leading scorers are sophmores, Jack Byrne and Ray LaGodney with 80 and 55 points respectively. They have collaborated to account for 43% of Tech's total score.

"Jackson" Byrne's hypnotizing hook shot and deceptive dribbling, combined with 6' 4" "Slim" LaGodney's efficient rebounding are expected to exact a deadly toll from the Michigan legions. Byrne's ball handling is of exceptional merit and it is the opinion of coach "Remie" Meyer that Byrne could have a berth on any Big Ten team for the asking.

LaGodney , within the past few weeks has developed his long shot game to the point where it compares favorably with his pivotline and rebounding work which makes him a real triple threat man.

In the first encounter with Grand Rapids this season, the Techawk's Captain Jinx of five years standing caught up with Henry Sliwa. He suffered a wrenched knee which kept him out of action for several weeks.

In spite of the injury, "Hank" has managed to score 34 points which is good for fourth place in the Engineer's scorebook.

To date, in winning 3 of 10 encounters, the Techawks have scored a total of 312 to their opponents 368.

Should the Techawks return home with a perfect record and take Wheaton and Elmhurst once more, they will finish their first season under the tutorage of Coach Robert E. Meyer, with a better than .500 average (won 8, lost 7) as contrasted with last season's embarrassing total of 2 wins and 12 losses.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: TRACK - TECH AT N. CENTRAL

RELEASE: FOR THURSDAY, 2/6/41

On Saturday evening, February 8th, 1941, the Illinois Tech Track Team will open the 1941 season at Naperville, guests of traditional rival, North Central College.

With a squad dangerously decimated by graduations and numerous scholastic failures so common to the engineering school, Coach Norm Root is building his team around some very promising freshmen. Leading this parade of talent is a trio consisting of Robert Osborne, George Erkert and Edwin Johnston.

Robert Osborne was a dashman for Oak Park high school. Out of sheer whimsy he decided to run the quarter mile. Now it appears that he will begin to smash records within a few short months.

George Erkert specializes in the mile with the half mile as a warmup. He has been clocked at 4:30 for the eight laps of the University of Chicago Fieldhouse--a time that should defeat all milers in Tech's competition except perhaps Max Lenover of Loyola. Edwin Johnston is perhaps the most versatile of the trio in that he can present a satisfactory showing in any of the track events including hurdles; for Saturday's performance however, he will confine himself to the half mile and the hurdles.

Still listing freshmen we find posted for the two mile run Charles Rowbothan and Nathaniel Ratner a pair that eventually may take turns at winning the event to conserve energy. Rounding out the freshman representation on the track squad we find an ex-football star from Lane Tech, Robert French, putting the shot.

Among the returning lettermen are Co-Captains, Harry Heidenreich and George Mathews; Heidenreich is the workhorse of the squad, competing in all field events plus a few distance runs if the occasion demands. His true specialty is hurling the Javelin which is not scheduled during the indoor season. But his pole

vaulting has developed to a height of twelve feet which is sufficient to take the majority of Tech's opponents. George Mathews is a quarter miler. From all early indications he will run second to freshman Osborne.

Other veterans include the hurdle combination of Richard Barry and Don Kiegher; Charles McCullough another versatile lad listed for the half mile, mile, pole vault and shot put; and Hank Jackowski, distance man.

North Central defeated the Techawks last year in their annual meeting principally because the Engineers were not accustomed to running the Naperville eleven lap track, noted for its suicide turns. The runners have been practising running the turns for the past few weeks and feel themselves up to the task of beating the Redbirds at their own game.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VICTORY 4600

RE: APPOINTMENT OF TECHNOLOGY NEWS STAFF FOR 1941.

FOR IMMEDIATE RELEASE

A new managing board and editorial staff of Technology News, undergraduate weekly of Illinois Institute of Technology, were announced today by Walter Hendricks, 709 Foster Street, Evanston, chairman of the department of language and literature and faculty adviser of the publication.

The managing board for the 1941 school season will include Thomas E. Brown, 4334 Ellis Avenue, editor-in-chief; Daniel Brown, 914 Schubert Avenue, managing editor; Patricia Arns, 4618 Patterson, associate managing editor; Arthur Minwegen, 5940 N. Fairfield, feature editor; Warren Spitz, 7405 Bennett Avenue, sports editor; and Robert Funk, 233 S. Lincoln Avenue, Aurora, business manager.

Though some appointments to the editorial staff have not yet been made, those named are Edward Hanuska, 6653 S. Claremont Avenue, Saturday news editor; Edward Farrell, 2741 W. 69th Street, Saturday headlines editor; Paul Leopold, 1357 Madison Park, and Hugh Story, Ottego, assignment editors, Armour campus; Eileen Robinson, 1911 Summerdale Avenue, and Joseph Minga, 222 W. 78th Street, assignment editors, Lewis campus. Gordon Walter, 7124 S. Prairie, will fill the post of desk editor.

Charles Ball, 4227 N. Ashland Avenue, has been named rewrite editor; Edward Doran, 6423 S. Talman Avenue, and Stephen Kendak, 2013 W. Iowa Street, copy editors; Mary Flasher, 631 S. Taylor Avenue, Oak Park, associate feature editor; Edward Center, 1125 Holly Court, Oak Park, photography editor; Julian Bowers, 30 W. Chicago Avenue, office manager; Robert Meyer, 832 Highland Avenue, Oak Park, and Charles Peller, 8019 Oglesby Avenue, advertising managers; and Harry W. Carlson, Jr., 1100 N. Humphrey Avenue, Oak Park, circulation manager.

Editor-in-chief Brown succeeds Peter H. Woods. A graduate of Hyde Park High School, Brown is a junior and member of Eta Kappa Nu, honorary electrical engin-

eering fraternity. Belonging to the feature staff of Tech News since his freshman year, he became feature editor last year. He is vice-president of the Armour College student unit of the American Institute of Electrical Engineers and a member of the fencing club.

Managing editor Daniel Brown, a graduate of Lane Technical High School, succeeds Joseph C. Aberer. A junior, he became a reporter for Tech News as a freshman and last year served as an assignment editor. A mechanical engineering student, he is a member of the American Institute of Mechanical Engineers.

Associate managing editor Patricia Lewis is a sophomore in the Lewis Institute division of Illinois Institute of Technology. A graduate of Siena High School, she was a feature editor of Tech News as a freshman. She is a member of the annual staff of Lewis Institute, vice-president of the sophomore class there, belongs to Kappa Phi Delta sorority, is a member of several sports groups and served on dance committees. She succeeds Lillian Snodgrass.

Feature editor Arthur Minwegen, a junior chemical engineer, succeeding William Speth as business manager, is a member of Gamma Theta, honorary dramatic fraternity, and is coach and a member of the cast of "The Front Page," forthcoming production of the Armour Players of Illinois Institute of Technology. He is a graduate of Loyola Academy. He has appeared since his freshman year in plays and has been a member of the Glee Club. A feature editor last year, his post has been made for the first time a part of the managing board. He serves on the junior ring committee.

Sports editor Warren Spitz, a graduate of Hyde Park High School, is a junior architect. He became a member of Tech News' staff as a freshman rewrite editor and served as a Saturday editor also. He entered the Institute on a freshman scholarship and enjoys a partial scholarship at present. He has been active on the staff of the Cycle, school annual.

Business manager Robert Funk, a graduate of East Aurora High School, came to the Institute on a fire protection engineering scholarship. A sophomore, he worked in the circulation department of the publication last year. He succeeds William Speth.

-JCM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY - 4600

RE: M. W. FODOR AT THE UNIVERSITY OF
NEBRASKA - LINCOLN, NEBRASKA 2/11/41

RELEASE FOR: MONDAY, FEB. 10, 1941

M. W. Fodor, professorial lecturer in social science at Illinois Institute of Technology, eminent foreign correspondent and novelist of European power politics, will appear before University of Nebraska students at Lincoln, Nebraska, to give them the "lowdown" on Hitler's current war moves. Mr. Fodor is scheduled to lecture Tuesday, February 11, 1941, at 11 a.m. His topic will be "The Shape of Things to Come."

Eminent as a novelist of European power politics leading up to World War II, Mr. Fodor served a lifetime upon the European continent as a foreign correspondent for the Manchester (England) Guardian and several American newspapers, one of which was a prominent Chicago paper.

According to John Gunther, correspondent and novelist, Mr. Fodor "has the most acutely comprehensive knowledge of Central Europe of any journalist living today. He is better informed than the British in Central Europe and the foreign office pays close attention to his dispatches."

Born in Budapest, Hungary, Mr. Fodor was educated as an engineer who gave way to an overpowering desire to learn the "ins and outs" of European politics. Well conversant with the forces back of the present world-wide convulsions and extremely familiar with war tactics, Mr. Fodor is a student of and has a wide knowledge of the "Blitzkrieg."

Early in his career he became associated with the Manchester Guardian and several American newspapers. It was while serving as roving correspondent for these papers that he travelled so extensively through Central Europe and the Balkans, meeting and becoming acquainted with such men as Hitler, Mussolini, Laval, and others.

During the past few years, Mr. Fodor covered the fall of Vienna, the fall of

Prague, and he was in Warsaw when invasion was imminent. He also traveled through Spain, the Iberian Peninsula, Italy and Northern Africa.

With the German "Blitz" machine on his heels, he observed the invasion of the Low Countries and fled the scene of the Axis' successes in order to save his life, for he was quite unpopular with the Dictators.

In outlining for this group the current moves of the Hitler-Mussolini war machine, Mr. Fodor expects to touch upon such points as the obvious failure of the Nazi forces to invade England - and the necessity of turning to the Near East for oil. He will also explain the Axis' strategy in moving into Rumania and the possibility of crossing Bulgaria in its strategic winter moves toward Turkey and the oil fields of Iraq-Iran.

In touching upon these points, he is expected to reveal the necessity for British support to Greece, his conference with the former premier of Turkey-Ataturk- and the plan of defense when the Axis moves in the direction of Turkey, and the ultimate clash with Russia.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VICTORY 4600

RE: ARMOUR PLAYERS PRESENT "THE FRONT PAGE," 2/21/41; 8 P.M. 2/22/41; " " "

FOR RELEASE: SUNDAY, 2/16/41

Shades of Hildy Johnson, and reasonably accurate facsimiles of Jimmy Murphy, Buddy McHugh and Al Baensinger, and the generation who used to smoke up a criminal courts building pressroom that had no ping-pong tables and leather chairs, will ride again.

This time it will be in the auditorium of Illinois Institute of Technology when the Armour Players, presenting "The Front Page" Feb. 21 and 22 at 8 P.M., put Ben Hecht's and Charley MacArthur's three-act comedy through its ink-stained paces.

In the city where it was born, a few miles from "Clark and Madison Streets" to which it was dedicated, the play that sent its authors to fabulous Hollywood careers, that "made" cinema star Pat O'Brien and provided the text of Rosalind Russell's late movie, "His Girl Friday," will on these nights be acted by the 2,000th amateur producing group to use it since its original presentation.

In honor of the occasion, Jimmy Murphy, Chicago Daily Times reporter and dean of active Chicago police reporters, and Leroy "Buddy" McHugh, king-pin of the Chicago Herald-American's police reporters, will be present for the Friday, February 21, performance.

They will see Albert C. Sanowskis, 2638 W. 44th Street, a senior chemical engineering student, portray the role of Hildy Johnson. Murphy, a City News Bureau cub in 1892, for a total of a mere forty-nine years in the newspaper business, has seen some good and bad actors in his time.

He and McHugh, a veteran of thirty-three years on the beats, both of whom are the originals of characters wearing their names in the play, have helped to coach Sanowskis as Hildy, whom they played cards with every day in the flesh.

They have also given a few tips to students who act the parts of Murphy and

McHugh. The former is played by Arthur Minvegen, 5940 N. Fairfield Avenue, junior chemical engineer, who doubles as coach of the play. Roy Boedecker, 11739 Eggleston Avenue, freshman electrical engineer, will take the part of the latter, and will utter that classic line, "Madam, is it true you've been the victim of a peeping-tom?"

Two Chicago Teachers' College coeds, experienced from many school and amateur group roles, will take the parts of Peggy Grant, Hildy's sweetheart, and Molly Malloy, the girl of the streets with compassion for Earl Williams, condemned murderer and jailbreaker.

Respectively these parts will be taken by blonde Dorothy Kennedy, senior, and Ellen Moore, freshman. Earl Williams makes his dash for freedom in the person of Marvin Woolfson, 6834 Paxton Avenue, mechanical engineering sophomore. Al Bensinger will be portrayed by Jack Hoffman, electrical engineering freshman.

Samowskis, who plays the lead, is a graduate of Lindblom High School, a member of the wrestling team, puts the shot for the track team, is a member of the American Institute of Chemical Engineers, and belongs to the senior annual committee. A member of Gamma Theta, honorary dramatic fraternity, he has taken parts in past productions of "Room Service," "Brother Rat," "Captain Apple Jack," and "Journey's End."

Minvegen, the coach-actor, is a graduate of Loyola Academy, a member of Gamma Theta, honorary dramatic fraternity, a member of the Glee Club, is feature editor of Tech News, undergraduate weekly, and belongs to the junior ring committee.

Rocco M. DeStefano, 654 N. Lawler Avenue, a sophomore fire protection engineer, playing the part of Walter Burns, managing editor, is a graduate of St. Ignatius High School, a representative of his class in the student council and a pledge to Gamma Theta.

Milton F. Pleva, 2410 S. Harding Avenue, a junior chemical engineer, will assume the part of Sheriff Hartman; Philip Rourke, 7412 Oakley Avenue, sophomore

mechanical engineer, will present the Mayor; Lawrence Nadel, 1620 S. St. Louis Ave., sophomore chemical engineer, will appear as Diamond Louie; Robert Klein, 855 S. Grove Avenue, Oak Park, will portray Endicott of The Post; Robert Sundstrom, 5024 N. Kedvale Avenue, junior civil engineer, will be Wilson of The American; Frank W. Kennett, 4440 Monroe Street, sophomore chemical engineer, will play Schwartz; Byron Ellis, Jr., 924 W. Harvey Avenue, Oak Park, junior chemical engineer, will present Kruger of the Journal of Commerce; and Renon Prane, 4021 S. Avers Avenue, senior chemical engineer, will appear as Woodenshoes Eichhorn. Helen Ruoss, 118 Gerald Avenue, Park Ridge, sophomore architect, the only girl in the cast who is a student of Illinois Institute of Technology, is a member of Gamma Theta, and a veteran of last year's production, "Room Service."

-JGH-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VICTORY 4600

RE: CIVILIAN PILOT TRAINING UNDER
C.A.A.; CLASSES BEGIN 2/17/41 &
2/18/41.

RELEASE FOR: THURSDAY, FEBRUARY 13, 1941

With the total quota for student fliers set at 40 for Armour College of Engineering and Lewis Institute of Arts and Sciences divisions of Illinois Institute of Technology, classes for civilian student fliers sponsored by the Civil Aeronautics Authority begin Monday, February 17 at Armour and Tuesday, February 18 at Lewis.

At the latter campus, where the quota is virtually filled, with one coed availing herself of the opportunities seized spiritedly by male students, and at the former, where a few vacancies may exist for outside students or laymen possessing necessary collegiate requirements, preparations are being made for a semester of intensified training at the request of the government authority.

Both divisions of the Institute have maintained flier training units since the student program was set up in September, 1939. Each campus offers ground school of the primary or "private" grade, with Hansing, Illinois, airport serving Armour College students as a flying base and Elmhurst airport offering similar facilities for the Lewis Institute aspirants.

Each enrollee is required to spend 72 hours in ground school instruction at the Institute and 18 hours at the airport for engine study, parachute study and related subjects. Thirty-five hours of flying time are the minimum for flight training qualifying for a "private" license. During the 1939 season, and during the past summer, more than three-fourths of all students entering the program finished it and qualified thereby for secondary, or advanced, courses in ground school which were offered at Armour College.

Some of these students, having earned a "private" operator's license, and having completed thereafter the secondary training, are eligible, with 200 hours of flying experience, for commercial pilots' licenses. The secondary course, in ad-

dition to rigid ground schooling, provides for from 40 to 50 hours of "acrobatic" flying above 3,500 feet.

Twenty-four hours of meteorology, and the same number in both navigation and civil air regulations, make up the ground school period of primary instruction. So accelerated has the pace of instruction become that last semester's course offered the full schedule given during the whole of two semester's last year. This stepped-up schedule will be repeated this semester.

Last semester's ground school included instruction in history of aviation, parachutes, aircraft and theory of flight, engines, instruments, radios uses and forms as well as the three principal units of instruction mentioned as particularly stressed at the non-airport classes.

Students who have not reached their twenty-sixth year as of February 1, of the current year, who are eighteen years old, who can furnish the school a laboratory fee up to $40 for physical examinations, insurance, hospitalization plan and reimbursement insurances, may, as United States citizens, qualify for the program.

Professor Melville Baker Wells, emeritus professor of civil engineering, is director of civilian pilot training for Armour College. Himself a flier, and a pioneer in the teaching of aerodynamics and plane construction, having since 1910 specialized in those fields at Armour College, Professor Wells is eminently qualified for his post.

At Lewis Institute, Paul G. Andres, assistant professor of electrical engineering, heads the program since its introduction. The Lansing airport detail is in charge of W. T. Brownell and that of the Elmhurst airport of Henry Douglas and Harold Harbican, all licensed pilots and instructors.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VICTORY 4600

RE: SWIMMING AT NORTH CENTRAL
COLLEGE, 2/15/41

RELEASE FOR: FRIDAY, 2/14/41

With a yen to prove greater superiority over North Central College of Naperville that was shown by their 38-37 victory of a month ago, Illinois Tech swimmers will take on the same foe at Naperville Saturday, February 15, at 2:30 p.m. in Merner fieldhouse pool

The win over North Central at Bartlett gym pool was the first Techawk achievment of the season. It remains the only victory to date in five meets and is expected to provide background for a bitterly-contested meet Saturday.

Opposing North Central's pace-setting Henning in the forty-yard freestyle will be Blume and Rademacher of the Techawks. The former Techawk is expected to push Henning to cancel out his time of 19.3 seconds in the recent encounter.

In the breast stroke century Illinois Tech will send Svagdis against Muellen and Strieb, both of whom trailed him last time out. Either Koos, who has recovered from an illiness that kept him out of the previous encounter, or Mankus, will team with Svagdis.

In the 220-yard freestyle, Powers and Gage, the latter a promising freshman, will be entered. In a recent meet against Chicago Teachers College Gage showed fine form and a fighting heart though losing the event.

With Henning again to be met in the 100-yard backstroke, the Scarlet and Gray will depend on Talcott and Huxhold, with Strieb of North Central always a close threat.

The 100-yard freestyle will pit Illinois Tech's Blume and Taylor against Henning and Koeller. The 120-yard medley relay will send Huxhold, backstroker, Svagdis, breastroker, and Wahlgren, in the freestyle, into competition that was hot last month but from which Tech emerged winner. The 160-yard freestyle relay, won by the Engineers last time, with the outcome of the race hanging on its finish, will see

Taylor, Rademacher and Blume competing against North Central, with Talcott or Mankus as the fourth man.

Tregay and Condon of the Techawks are expected to be in fine fettle for diving events against North Central's Ostroth and his partner.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VICTORY 4600

RE: 1941 JUNIOR PROM, CHICAGO
TOWERS CLUB, FRIDAY, FEBRUARY 28,
1941, 8:30 P.M.

FOR IMMEDIATE RELEASE!

Will it be Sally, Irene or Mary? Nobody knows. But the Junior class of Illinois Institute of Technology, in throes of choosing a beauty queen to reign at its formal prom at Chicago Towers Club Friday, February 28, agrees she will have to be as smooth as the champagne music of Lawrence Welk.

For when that maestro swings his baton for the fanfare that will herald announcement of the queen's name, he will call a halt to feverish speculation of Armour College and Lewis Institute students that has raged for weeks.

Included among the entrants for the title are Mary Spies, 1414 E. 59th St., junior architectural student, the only girl member of the junior committee sponsoring the affair, who will be escorted by Hugh Story, sophomore mechanical engineering student; Ruth Early, 1414 E. 59th Street, blonde University of Chicago coed, who will be escorted by Roman Mankus, 6030 S. Rockwell Street, mechanical engineer student, committee member and swimming team ace; Rita Castino, 1245 North Shore Avenue, Mundelein College graduate, who will be escorted by James J. Walker, 1542 Cornelia Avenue, fire protection engineering student, a member of the committee; and Dorothy Duncan, 8040 Oglesby Avenue, University of Chicago coed, who will be escorted by Richard Talcott, 3240 S. Michigan Avenue, fire protection engineering student, committee member and swimming team star.

Also included are Darlene Van Derheyden, 4313 Schubert Avenue, to be escorted by Charles Lachman, 4156 Belmont Avenue, chemical engineering student and chairman of the committee, and Jane Klimmick, 6213 Glenwood Avenue, who will be escorted by Donald Ely, 1132 E. 46th Street, junior fire protection engineering student.

In addition to the dance music of Lawrence Welk, a strolling string quartet

will entertain guests. The prom will take the form of a dinner dance, and is considered the most important social occasion on the Illinois Institute of Technology calendar.

Other members of the junior committee are Frank Jencius, 827 W. 33rd Street, mechanical engineering student, Jorma Leskinen, 3226 Kenmore Avenue, electrical engineering student, and Gustav Stadts, 134 Ashland Avenue, River Forest, electrical engineering student.

Lachman, in addition to being chairman of the prom committee, is manager of the basketball team and a student member of the American Association of Chemical Engineers. Walker, a member of the committee, is junior class secretary, manager of the wrestling team, a member of the Glee Club and of the Fire Protection Engineering Society. Talcott, a committee member, is on the staff of the Armour Engineer and Alumnus.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VICTORY 4600

RE: BASKETBALL -
TECH AT ELMHURST 2/18
TECH AT NORTH CENTRAL 2/19

RELEASE FOR: MONDAY 2/17/41

The Illinois Tech Basketball Team will wind up their present season with the two engagements to be played this week. On Tuesday, February 18, they will meet Elmhurst in a return game on the Elmhurst home floor, having won the first encounter by a score of 35 to 30. Wednesday evening will find Captain Sliwa playing his last game for Illinois Tech in Naperville when the Techawks meet the Cardinals of North Central.

Thus far this season the quintet has turned in its best performance against the more powerful opponents. The first indication of this strange phenomena was the 27 to 22 defeat at the hands of the University of Chicago's Maroons and the latest creditable showing was in Detroit against Lawrence Tech, a team which had previously lost to Long Island University in Madison Square Garden by a scant nine points. The Lawrence game was in the bag for the Techawks until the last minute and a half of play, for until that time they had never lost the lead, then a freak shot was scored from the corner. Free throws made the final score 40 to 36.

Hero of the three day road trip to the motor city was junior Howard Pendlebury. In ten previous games he had scored 39 points but at the expense of Grand Rapids, Lawrence Tech and Detroit Tech he rolled up 41 to place himself in the number two spot in the Techawk scoring column second only to sophomore Jack Byrne, ace of the Techawk tally staff who has 91 counters to his credit at the present.

Techawk's Captain Henry Sliwa in his final season was severely handicapped by a shoulder injury which benched him for two games and hampered his style throughout several others but managed to gather 55 points during the year. A graduate of Kelly High School, Hank spent his freshman year at the University of Illinois transferring to Armour Tech in his second year where he became an important cog in the basketball machine. A regular for three years, Hank is the only first stringer to

be lost via the cap and gown this year.

The only other senior on the squad is reserve forward. John Brierly, one of the quickest men on the squad who by his alertness managed to score nine baskets in the course of the season by pass interceptions. Free throw conversions managed to bring his season score to 23 points to date.

In the Elmhurst engagement the Techawks will have their eyes peeled for Henry Bakewill, 6'4" senior center and the main stay of the team who accounted for one third of the Blue Jay score against the Techawks in the first meeting.

North Central also has a potent center in 6'3" sophomore Jim Bates but the real threat on the Cardinal squad is Bill Shatzer; between the two of them they manage to salvage quite a few games for the Redbird combination.

North Central's Shatzer-Bates combination has its counterpart on the Techawk quintet in Pendlebury and 6'4" sophomore center Ray LaGodney. When these two are in the game the rebounding is in the exclusive control of the Engineers.

Should they win their final two games as predicted by Tech's new coach, Robert E. Meyer, ex Maroon and pro star they will wind up their first season under "Remie's" direction with a record of 6 won, 9 lost; about three times better than last years' two wins.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: TRACK - WILSON VS. ILLINOIS TECH -
U. OF C. FIELDHOUSE - 2/20 - 4:00 P.M.

RELEASE: FOR THURSDAY, 2/20/41

On Thursday afternoon, February 20th, the Illinois Tech track team will shoot for their first victory of the season against Wilson Junior College in the University of Chicago Fieldhouse at 4:00 o'clock.

The strength of the Techawk squad received a severe blow the other day when x-ray examination of the right ankle of Walter Erkert revealed a calcium growth which may put him out of action for the remainder of the indoor season. Erkert, a freshman chemical engineering student, was, in the eyes of Coach Norman Root, a natural miler and has been developing rapidly.

With Erkert out of the picture, Coach Root is now devoting all of his attention to the development of Robert Osborne, freshman quarter-miler. Bob was the champion dashman of the suburban conference when he ran for Oak Park High School and with a little training and experience is expected to sprint the 440 yds. in fifty seconds before the end of the season. Techawk Co-Captain George Mathews, having better than normal proficiency in the same race is expected to make this perhaps the deciding event of many a meet.

The Engineers are traditionally strongest in the field events and Tech's other Co-Captain leads the parade in this section. Harry Heidenreich has recently developed his vaulting to a winning state meanwhile retaining his lead in the high jump. When the outdoor season rolls around, Harry is expected to better the Tech record for the javelin throw.

Other Engineers worthy of mention include John Elwood, veteran pole vaulter; Dick Barry, premier hurdler; and versatile Chuch McCullough who does everything well. In competition, however, he confines himself to the mile, half-mile, high jump and the pole vault.

The Wilson Junior College squad has been the state junior college champs ever nce the award was made for the first time some six years ago. For the past four ars, they have sponsored the state championship junior track meet.

Leading the Wilson contingent will be dashman Lewis Taylor. In the 12th Annual ch Relays, held last spring, it was Taylor who beat out the rest of the college en- ants to win the 70 yard dash in :07.2 seconds to equal the existing records.

Other competitors upon which Coach Smith will rely to score against the Techawks clude Henry Bledsoe, hurdles and the high jump; half-milers, McKeon and Mills; Gamble the mile; and McClowry whose 37 feet in the shot should better Tech's best.

- EHC -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SWIMMING - ILLINOIS TECH AT MARYVILLE COLLEGE, MARYVILLE, TENN. - 2/22/41

RELEASE: FOR FRIDAY, 2/21/41

This weekend the Illinois Tech swimming team will hit the trail for the warmer climes, namely, Maryville, Tennessee where they are to meet the Maryville College squad in a dual contest on Saturday afternoon, February 22nd, 1941.

This meet will mark the reappearance of Karl Koos, ace of the Techawk breaststroke staff who has been confined to a hospital bed since the early part of the season. Though badly out of condition, Karl is expected to regain enough of his old form to bolster the medley relay team in addition to evening things up in the breaststroke event. However, the Techawk squad will suffer the loss of their other topnotch breaststroker, Victor Svagdis, who has been dropped from the squad due to scholastic deficiencies.

This meet being in the south, will be governed by the intercollegiate rules. The races are of somewhat longer distances than under the interscholastic rules the Techawks are accustomed to, justifying the squad of fifteen men which are to make the trip

The 440 yard freestyle, which is one of the events not normally carded by the Engineers will be swum by William Powers and freshman Elliott Gage; the latter has the ability to clip off a forty yard sprint in :23 seconds after swimming any distance over the 100 yard event.

In the 150 yd. backstroke, juniors Earle Huxhold and Dick Talcott are expected to battle it out between themselves for the supremacy of the event. In addition, Earle swims the initial leg of Tech's highly successful medley relay team; Dick swims number three on the freestyle relay team.

For years the only weak spot on an otherwise wll balanced squad was the fancy diving event. That weakness is no longer with the Techawks. Freshman John Trejay has managed to win more times than he has placed second. He has never fared worse.

- EHC

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ANNUAL SCHOLARSHIP EXAMS - CITY AND SUBURBAN SCHOOLS - 5/3/41; ARMOUR CAMPUS

FOR IMMEDIATE RELEASE

Opportunity to attend an ace engineering college in a time of national emergency, with clamor for trained engineers mounting as Army, Navy and private industry raid superior technical schools seeking talent, is soon to be in the grasp of Chicagoland's brightest boys.

This development appeared on announcement today by H. T. Heald, 5844 Stony Island Avenue, president, that Illinois Institute of Technology would offer ten one-year tuition scholarships, of $300 value each, and eight four-year fire protection engineering scholarships, totalling $9,600, to graduates of accredited public or private high schools and academies.

These eighteen prize awards are to be made for Armour College of Engineering division of Illinois Institute of Technology. In the near future complete details covering thirty additional scholarships for the Lewis Institute of Arts and Sciences division of the Institute will be announced.

Though enrollment in each division of the Institute has been swollen by heavy matriculation in both September and February semesters, and in the quarterly day division of Lewis Institute, authorities decided to continue the tradition of affording prospective students of superior attainments a chance for free tuition.

Scholarships are to be effective for the school year of 1941-42, except for the four-year fire protection engineering grants underwritten by stock fire insurance companies of the nation.

Competitors from the Chicago area will be among high school seniors of nineteen states, from Arizona and West Virginia to Montana and Michigan especially invited. All male graduates in the United States are eligible. Special arrangements are being made for students living outside of the metropolitan zone, who would have difficulty in visiting Chicago, to take scholarship examinations.

Saturday, May 3, 1941, is the date of examinations on the Armour College campus of the Institute. A personal interview is required of each competitor and those in the Chicago district are asked to apply for it at Armour College, 3300 Federal Street, before May 1st. This interview is necessary to establish eligibility for the written examinations. Interviews will be given beginning March 31st, from 10 A.M. to 4:30 P.M. each schoolday, and on Saturdays from 9 A.M. to 11:30 A.M.

Requirements for admission to Illinois Institute of Technology, as set forth in its General Information Bulletin will obtain in the case of all scholarship contestants. This Bulletin may be had on application to W. F. Kelly, registrar.

Students competing in scholarship examinations last February are not eligible for a second try.

Scholarship ratings are based on three hours of written examinations beginning at 9 A.M. on May 3rd, as well as considerations of personality, high school scholastic record, extra-curricular activities and general fitness of candidates.

Written examinations consist of mathematics, physics and chemistry and will total three hours. The examination in mathematics will be primarily in algebra, with some questions in plane and solid geometry as a possibility.

The examination in physics and chemistry will be of the objective type, but will include an essay on an assigned topic, and will be based on tex tbooks currently used in secondary schools. There will be no separate written English examination since ability in English expression will be judged from the personal interview and from a short essay prepared as part of the physics and chemistry examination.

Personal interviews are to be had with an individual member of the Institute's scholarship committee. Members of the committee are: S. E. Winston, 401 S. Quincy Street, Hinsdale, Ill., associate professor of mechanical engineering, chairman; C. A. Tibbals, 5541 Everitt Ave., dean and ex-officio member; W. E. Kelly, 2448 E. 78th St., registrar; A. W. Sear, 8515 Constance Ave., assistant professor of electrical engineering; S. F. Bibb, 2053 E. 81st St., associate professor of mathematics; W. M. Davis,

8520 Euclid Ave., assistant professor of mathematics; H. K. Giddings, 7861-C South Shore Drive, assistant professor of mathematics; W. R. Kanne, 931 Hyde Park Blvd., assistant professor of physics; W. J. McLarney, 1546 N. LaSalle St., instructor in mechanical engineering; A. L. Mell, 1442 N. Sedgwick St., instructor in architectural design; M. J. Murray, 7619 Crandon Ave., associate professor of chemistry; R. M. Sanford, 2303 Sheridan Rd., Evanston, Ill., instructor in English; W. H. Seegrist, 8543 Maryland Ave., associate professor of machine design; S. M. Spears, 1720 W. 105th Pl., associate professor of civil engineering; and Saul Winstein, 7416 Phillips Ave., instructor in chemistry.

- jgm -

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: TRIANGULAR TRACK MEET - MORETON AND
CHICAGO TEACHERS AT U. OF C. FIELDHOUSE
2/26/41 - 4:15 P.M.

RELEASE: FOR WEDNESDAY, 2/26/41

In the first triangular track meet of the current indoor season Wednesday afternoon, February 26th, Illinois Tech will be pointing for its first victory. The meet will be with Moreton Junior College and Chicago Teachers College in the University of Chicago Fieldhouse, starting at 4:15 o'clock.

In Chicago Teachers College, the Techmen will be meeting a combination of trackmen coached by the same Mr. Smith who brought a superior Wilson college contingent to that same fieldhouse last week for a 45-33 win over the Engineers. Smith, however, has been having trouble with his Chicago Teachers Squad because of insufficient material.

In the last analysis, however, the Teachers combination will be depending greatly upon a one-man triple-threat to carry the meet to the Techmen. He is a youngster by the name of Springs who travels the hurdles and dash events and competes in the high jump to earn the lion's share of points for Teachers.

Moreton, on the other hand, has been runner-up to powerful Wilson squad, the state junior college champions for several years. They are expected to provide the real competition for the weakened Tech squad.

The Techawk handyman, versatile Wayne McCullough, a junior cooperative student, is the present leader in points earned during competition. His exceptionally fast times in the distance runs, plus his ability in the pole vault, shot put and high jump, make him Tech's chief threat in Wednesday's triangular encounter.

Co-Captain Harry Heidenreich and miler George Eckert, both slightly incapacitated by minor ailments, are expected to be back in shape by Wednesday. Heidenreich has failed to do his best in the high jump and shot put due to a severe head cold. Eckert has been bothered considerably by a calcium growth on his ankle, and by

doctor's orders, he was lost to competition for some time. His ankle condition has been clearing up rapidly and he is expected to be back in the running Wednesday.

On Saturday, the entire squad will travel to Naperville, Illinois for North Central College's Midwest Intercollegiate track carnival. Most probable winner for Tech in this meet will be a two mile relay combination made up of half-milers McCullough, Erkert, Johnson and Ratner.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SECOND ENGINEERING DEFENSE TRAINING
PROGRAM - REGISTRATION NOW UNDER WAY
ENROLLMENT - 3/10-15/41, INCL.

FOR IMMEDIATE RELEASE

Chicagoans working in "key" industries, those qualifying as engineers and technical men, will have another opportunity to take "up-grading" engineering training designed to raise their efficiency for specific jobs in the United States' expanding industrial defense program.

This was learned today from H. T. Heald, President of Illinois Institute of Technology, who said that confirmation had just been received from Washington authorizing the south side engineering school to proceed with the training of a second group of approximately 1500 persons under the supplementary engineering defense training program.

The Institute in January of this year enrolled 1600 persons under this program sponsored by government funds through the United States Office of Education. The courses were designed to forestall a shortage of highly trained men and engineers whose talents were vitally important to defense industries. Sixteen courses given in 60 separate sections were begun January 6th. Many of the courses are being presented in South Chicago areas as well as in Waukegan and North Chicago, in addition to the Institute's two campuses.

The second program, which is now in process of organization, will contain in its curriculum many of the courses listed in the first program. This, according to officials of the Institute, is due to the fact that Chicago industry is sorely in need of the type of trainedmen which those courses will provide.

Some of the most apparent shortages are in trained personnel who can cope with inspection methods, personnel selection and training. Other shortages are: foremen of excellent caliber, tool, jig and die designers, and time and motion study experts.

In addition to the recurrent demand for men with such training, many others who have knowledge of explosives, steam power plants, diesel engines and others will be trained under the second program shortly to be organized.

Pre-registrations for the second program are now being taken in writing by the Defense Training Committee of the Institute, of which Professor J. I. Yellott, head of mechanical engineering, is chairman. This will be followed by personal letters to the applicants advising them of dates of interviews and formal enrollment. Formal enrollment, according to Professor Yellott, will be held during the week of March 10th to 15th, from 7 until 9 o'clock in the evening, except Saturday when the hours will be 1 to 4 o'clock in the afternoon. All persons interested will be required to appear at the Institute's south side campus, Armour College of Engineering, 3300 Federal Street, for a required personal interview.

No tuition will be charged of the study for any one of the courses. The entire cost of the program at the Institute, which is expected to be in the neighborhood of $50,000 for the second program, will be underwritten by the Federal Government through a $9,000,000 Congressional appropriation. The student, however, must provide his own drafting instruments and textbooks.

The courses will be given only during evenings so as to serve the purpose for which they were initially organized in the Chicago area. That is, to up-grade the efficiency of the defense industrial worker who is currently employed in the Chicago industrial area so that persons with lesser experience and limited engineering or technical training can be used at the bottom of the personnel structure.

An explanation of this "up-grading" program was given by President H. T. Heald. He said: "We are expecting to effectively train young chemical engineers, for instance, in the handling and inspection of explosives so that the older man, the one with more experience, can be freed of the task of such inspection for more worthwhile application of his specialized knowledge. We, among other things, are training men in the job of carrying out detailing of designs prepared by experts so that the

designer can proceed with continuous design work. Similarly, our problem is the training of foremen in correct techniques, and electrical engineers in the specific problems of communications, as well as many other highly specialized fields.

"Our program," he explained, "is designed to cope with the problem of inadequate supply of such men. The engineering colleges throughout the United States will graduate some 12,000 engineers in June. This is but 25% of the expected demand. We must do something to solve this problem and this is but one step towards its solution."

The courses included in this second group are in many instances duplicates of courses in the first group now under way. They are similarly on a college level and tuition-free. In many instances, the pre-requisites require of the enrollees as much as a full four years of college engineering study or the equivalent in industrial experience. Other courses require training in college through mathematics; while others require only graduation from a technical high school.

According to Professor J. I. Yellott, the program does not provide a general engineering education and it is not designed to supplant the regular four year engineering curricula of the Institute. No college credit can be given or will be given for any of the courses. He emphasized the fact that "the student is under no obligation to the Federal government other than to apply himself diligently to his studies and that there is no change in the student's DRAFT STATUS other than that which his local Draft Board sees fit to make.

Courses projected for this second program and which will begin March 17th, are: advanced testing methods; diesel engine theory; electronics and communications; elementary chemical engineering; mechanics and machine design; EXPLOSIVES; foreman training; inspection methods and quality control; introduction to electrical engineering; metallography; introduction to strength of materials; materials testing laboratory; metallurgy; personnel training and selection; plastics; production methods; SAFETY ENGINEERING; steam power plants and automatic control; time and motion study; and tool design.

Because of the fact that many persons with excellent qualifications for certain of the courses listed do not have the necessary pre-requisites, the committee urges that all persons interested present themselves at the Institute for a personal interview with a faculty counsellor. In the last analysis, student entrance to the course will be determined by his ability to handle the work to be taught.

According to Professor J. I. Yellott, "the Institute and the United States Office of Education are especially desirous of receiving applications from persons not currently engaged in defense industry who have had fundamental engineering training. It is hoped that such persons, by taking intensive training, can qualify for work in defense industry."

Upon completion of a specific course, the student may qualify for immediate entrance to defense industry. No jobs are guaranteed, although the excellent services of the Institute placement department and the services of the Federal and State employment agencies and the Civil Service Commission will be made available.

Members of the Institute defense training committee includes Professor Yellott; emeritus dean of engineering, F. A. Rogers; head of civil engineering, Phil Huntley; and vice-president, L. E. Grinter.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ILLINOIS TECH TRACKMEN TO MIDWEST MEET
NORTH CENTRAL COLLEGE, NAPERVILLE, ILL.
3/1/41

RELEASE: FOR SATURDAY, 3/1/41

For the coming Midwest Invitational Track meet to be held at Naperville, Illinois, on Saturday, March 1st, sponsored by North Central College, Coach Norm Root of Illinois Tech is sending seniors George Matthews and John Elwood; juniors Harry Heidenreich, Wayne McCullough and Dick Barry; and sophomore Don Keigher.

Wayne McCullough is perhaps the more versatile of the group. In a triangular meet held last Wednesday, he scored in the mile, half-mile, high jump and pole vault. In addition to this, he is a member of the relay team, puts the shot, runs the two-mile and both hurdles if occasion demands.

John Elwood will probably be more apt to score than any of the other contestants since his pole vaulting is outstanding. Co-captain Harry Heidenreich in the present season has developed his vaulting to a point equal to that of Elwood and it is quite possible that he will beat out his teammate in this event.

Tech's other Co-captain, George Matthews specializes in the quarter-mile sprint but of late he has been nosed out in the Engineer's past two meets by Techawk Bob Osborne who will be ineligible for the meet because of his freshman status.

For the hurdle races, Coach Root is sending his timber-topping combination of Dick Barry and Don Keigher. This combination, while not sensational, has presented a fine showing over the general run of competition and the possibility of scoring is not out of the question.

The freshman eligibility rule is responsible for the rather sketchy group that Tech is sending and were it not for that ruling Tech would most likely make a very decent showing in the team standing. However, as it is Tech will not have a relay team entered.

- EHC -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ANNUAL WINTER CONCERT OF MUSICAL CLUBS
OF ILLINOIS INSTITUTE OF TECHNOLOGY
3/14/41 - 8:30 P.M. - GOODMAN THEATER

FOR IMMEDIATE RELEASE

The first annual concert of the combined musical clubs of Illinois Institute of Technology will be presented at Goodman Theater Friday, March 14, at 8:30 P.M.

For five years O. Gordon Erickson, 510 Davis Street, Evanston, Illinois, composer and coach of the Illinois Tech Men's Glee Club and Orchestra, has offered his Armour Institute of Technology musical clubs in a similar annual affair. When Armour Institute merged last July with Lewis Institute, Professor Erickson continued at his post, this time with the complement of a Lewis girls' glee club in an advanced state of organization.

This year two dramatic tableaux, presented by members of the Girls' Glee Club, will lend color to the program. The first, based on Brahm's Hungarian Dance, No. 5, to be played by the Orchestra, will group Hungarian peasant girls about a zieguneur or gypsy fiddler (the first violinist) as he plays an interpolation of the czardas strains of the music.

The second will interpret the exotic Archer's Dance of Borodin, with the beautiful legend of the three queens slain by an archer coming to life against the vocal background of the combined Glee Clubs.

Both choral units of the merged schools had often been presented to the public through road tours, radio appearances and sporadic school and organization programs. Their union has formed perhaps the most effective and popular cultural link to result from the physical merger of the two institutions. Student interest at both south side and west side campuses has flared to an unprecedented peak.

With but a handful of coeds to call on for soprano parts a year ago this time, Professor Erickson now commands forty trained women's voices. They are the pick of some 2,000 available.

Professor Erickson's range of choice of musical literature has been increased immeasurably thereby. The traditional hobby of engineers has been the several forms of music. Armour College of Engineering, as the south side unit of the Institute is now called, has bred a deep regard for extra-curricular musical activity that might, in another school, be devoted to an athletic team.

A measure of this devotion to sharps and flats as well as wrenches and slide-rules can be instanced from the daily classical record recitals conducted at the noon hour as a fixed part of undergraduate life at Armour College. This feature has lately been inaugurated at Lewis Institute.

An ambitious musical season, planned for next year when male and female elements of larger choral works will have been thoroughly articulated, will have its preview at the forthcoming winter concert.

The Orchestra will number forty players and the Men's Glee Club seventy-five voices. Robert Mead, 7234 North Clark Street, a senior chemical engineer, will be a tenor soloist; Robert Hemman, 2048 North Sawyer Avenue, a junior electrical engineer, will be a baritone soloist; Gus Mustakas, 3236 South Michigan Avenue, a senior chemical engineer, will be a violin soloist; and Roy Hrubes, 4839 West 23rd Place, Cicero, will be a trombone soloist.

The Men's Glee Club president is James W. Murray, 5633 South Sangamon Street, a senior mechanical engineer, whose voice commands both baritone and tenor registers. He is active in several school societies and is a columnist of Technology News, undergraduate weekly. He belongs to Pi Tau Sigma, honorary mechanical engineering society and Pi Nu Epsilon. honorary music society.

Manager of the Men's Glee Club is Melvin Johnson, 7544 Sangamon Street, a junior civil engineer. A member of Pi Nu Epsilon, honorary music society, and the American Institute of Civil Engineers, he is responsible for bookings of the group and details of radio and concert appearances.

Elmer Ratzel, 7133 Normal Boulevard, is president of the Orchestra. A senior civil engineer, he plays bass viol or bass horn in the orchestra, to which he has belonged since his freshman year, is president of Pi Nu Epsilon, honorary music society, belongs to Chi Epsilon, honorary civil engineering fraternity, and is a member of the American Institute of Civil Engineers. He was a member of the Junior Prom Committee last year.

Edward Malela, 3337 South Michigan Avenue, a senior chemical engineer, is treasurer of the Orchestra. He is a member of Phi Kappa Phi, of Pi Nu Epsilon, honorary music society, and performs in the horn section of the orchestra.

Richard Stoneham, 7113 Clyde Avenue, a junior science major, is manager of the orchestra.

The combined Musical Clubs are presided over by Gus Mustakas, 3426 South Michigan Avenue, a senior chemical engineer. He is a member of Phi Kappa Sigma, of Pi Nu Epsilon, honorary music society, of the American Institute of Chemical Engineers, and of the Dance Club Committee. He is first violinist of the Orchestra. Lee Niems, 5249 Lake Street, a senior mechanical engineer, is secretary-treasurer of the group. He is a member of Pi Tau Sigma, honorary mechanical engineering society and Pi Nu Epsilon, honorary music society.

The Girls' Glee Club is presided over by Miriam Walker, 1706 South 5th Avenue, Maywood, a senior arts and science student at Lewis Institute. Daughter of E. T. Walker, assistant professor of education at Lewis Institute, she is also president of the Lewis Drama Club, is on the staffs of Technology News, undergraduate weekly, and The Polygon, school annual, and is a member and officer of Kappa sorority.

Jeannette MacLuckie, 650 Parsons Street, Desplaines, is secretary-treasurer of the group, is a member of the Drama Club, belongs to the staff of The Polygon, school annual, Kappa sorority, of which she is an officer, and has been a reporter on Technology News, undergraduate weekly.

Patricia Arns, 4618 Patterson Avenue, sophomore arts and sciences student, scholarship winner, associate managing editor of Technology News, undergraduate weekly, member of Kappa sorrority and of the Sophomore Dance committee, is librarian of the group.

Soloists performing at the Goodman Theater concert will be Robert Mead, 7234 North Clark Street, a senior chemical engineer and tenor, who will sing "Just You" by Burleigh, supported by the Glee Club; Robert Henman, 2048 North Sawyer Avenue, a junior electrical engineer and a baritone, who will sing "On the Road to Mandaley" by Speaks; Gus Mustakas who will perform "Praeludium and Allegro" by Pugnani-Kreisler on the violin; and Roy Hrubes, 4339 West 23rd Place, Cicero, a senior fire protection engineer, who will present "The Patriot" of Pryor as a trombone solo.

Hadley's "Concert Overture" will open up the program and the Men's Glee Club will follow with "Pilgrim's Chorus" (Wagner), and "When All Is Still" (Miles), "Clair de Lune" (Debussy), "Hungarian Dance, No. 5" (Brahms),"Introduction and Theme" (Puccini), "Southern Suite" (Nocode) will be other orchestral numbers.

"Music When Soft Voices Die" (Matthews), "The Lost Chord" (Sullivan), "The Volga Boat Song", "Cossack Love Song" and "The Sleigh" by Kountz, "Ezekiel Saw de Wheel" and "Dark-Eyed Susie" by Bartholomew, will be presented by the Men's Glee Club.

The Girls' Glee Club will sing "The Clouds" (Charles) and the combined Glee Clubs, a medley of "Old Favorites" (Herbert), as the concluding number.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: DR. L. E. GRINTER AT TRIANGLE LIONS CLUB
THURSDAY, 3/20/41 - 12:15 P.M.

RELEASE: FOR SUNDAY, 3/16/41

Dr. L. E. Grinter, 1321 East 56th Street, vice-president of Illinois Institute of Technology and dean of the graduate school, will address the regular weekly meeting of the Triangle Lions Club at Irving Park Y.M.C.A., 4215 West Irving Park Road, Thursday, March 20th, at 12:15 P.M.

Supplementary engineering defense training courses, set up under government sponsorship to "up-grade" efficiency of Chicagoans in key defense industries will be the topic of Dr. Grinter's talk.

Illinois Institute of Technology maintains an engineering defense training program for the Chicago area and, as a member of the Institute's committee on the program, Dr. Grinter is an authority on the subject. A second section of training courses for 1500 persons will begin tomorrow, March 17th, 1941.

"The Institute in January enrolled 1,600 persons under the United States Office of Education-sponsored program," Dr. Grinter said.

"The second section of the program will contain in its curriculum many of the courses listed in the first. Chicago industry still is greatly in need of trained men. There must be no shortage."

Among shortages now existing, which only trained personnel can relieve, are in inspection methods, personnel selection and training, foremanship, design of tools and dies, and time and motion study.

Dr. Grinter was educated at the University of Kansas and the University of Illinois, and combines experience in the engineering departments of large corporations with experience in educational institutions. He has made outstanding contributions to basic knowledge in structural engineering. From 1928 to 1937 he was Professor of Structural Engineering at the Agricultural and Mechanical College of Texas, carrying

on research and teaching structural engineering. He came to Armour Institute in 1937 as Director of the Department of Civil Engineering and Dean of the Graduate Division.

Dr. Grinter is a member of Sigma Xi, Tau Beta Pi, American Society of Civil Engineers, and Society for Promotion of Engineering Education, and is a registered Structural Engineer in Illinois. He is the author of a standard series of textbooks, as well as many technical papers, and although only thirty-nine years of age, has already been an officer of many national and local engineering societies. Under his direction, the graduate courses at Illinois Institute of Technology have developed rapidly, and his leadership has proved an inspiration to the highest scholastic attainment on the part of students and faculty.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: MIDWEST POWER CONFERENCE - APRIL 9-10
PALMER HOUSE; 9 A.M. TO CLOSE

FOR IMMEDIATE RELEASE

With the opening of the Midwest Power Conference only a month away, preprations for record-breaking attendance based on requests for representation are in full swing, according to Professor Stanton E. Winston, 401 South Quincy Street, Hinsdale, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology.

The Conference, to be held Wednesday and Thursday, April 9-10, is the fourth annual one under the sponsorship of the Institute and seven cooperating midwestern universities and colleges.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before approximately 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at last 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read, and talks given, at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material," he said.

"In some cases, where an official of a large company of organization has been listed to address us this year, we find that his superior company executive has requested to come instead. These shifts have resulted from eagerness of leaders of the

country's power industries to be on the spot when vital subjects are discussed."

F. H. Rosencrants, vice president of Combustion Engineering Company, Inc., New York City, will replace W. H. Armacost, chief engineer of the superheater and economizer division of that corporation, as a speaker on the subject of "Forced Circulation in American Power Plant Practice", Winston stated.

This address will be given at 2 P.M. Wednesday, April 9, under the panel heading of "Central Station Practice." The same panel heading will include C. C. Frank, engineer in charge of central station turbines for Westinghouse Electric and Manufacturing Company, Philadelphia, speaking on "Modern Steam Turbine Design" and G. V. Edmonson, district hydraulic coupling specialist of American Blower Corporation, Chicago, speaking on "Variable Speed Drives for Power Plant Auxiliaries".

Opening at 9 A.M. each day, sessions will feature a total of nineteen speakers, with question periods after talks, and after-luncheon and dinner speeches and discussions.

Among subjects of talks not previously listed is "Construction of 48,000 Horsepower Kaplan Turbines for the Pickwick Landing Dock of T.V.A." by W. J. Rheingans, test engineer of Allis-Chalmers Manufacturing Company, Milwaukee, Wisconsin. It will be delivered at 3:45 P.M., Wednesday, April 9. "The User Wants to Know" will be the subject of Aldred Iddles, application engineer of Babcock and Wilcox Company, New York City, when he speaks to the joint luncheon meeting with the American Society of Mechanical Engineers at 12:15 P.M. that day. Iddles, among some other speakers at the Conference, has stated that he will not speak from manuscript and will prepare no written remarks. The opening session will hear Philip Harrington, 434 Melrose Street, commissioner of subways and superhighways, Chicago, give a welcoming address.

Dr. Harvey N. Davis, president of Stevens Institute of Technology, will talk at the "All-Engineers" Dinner at 6:45 P.M. Wednesday. His subject will be "Priorities in Men".

Conference Director Winston, 401 South Quincy Street, Hinsdale, has been a resident of that suburb for seventeen years. He is a member of the Zoning Appeal Board, Masonic Lodge, and the Union Church of Hinsdale.

A member of the American Society of Mechanical Engineers, the Society for the Promotion of Engineering Education, and Pi Tau Sigma, honorary mechanical engineering fraternity, he is a graduate of the Colorado School of Mines, the University of Denver and Armour Institute of Technology, and holds degrees of bachelor of arts, bachelor of science, master of arts and mechanical engineer.

Associated with Professor Winston in promotion of the Conference is its secretary, Professor C. A. Nash, 4715 North Spaulding Avenue, associate professor of electrical engineering at Illinois Institute of Technology. He has been a member of the Institute's faculty for twenty years. He graduated from the University of Illinois with a bachelor of science degree in electrical engineering in 1919. He belongs to the American Institute of Electrical Engineers and the Society for the Promotion of Engineering Education.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: HAROLD VAGTBORG, SOUTH AMERICAN TOUR

Release: FOR THURSDAY, 3/6/41

Harold Vagtborg, Director, Armour Research Foundation, affiliate of Illinois Institute of Technology, selected as one of six persons to form a committee to report on South American commercial and industrial conditions, will leave Chicago to confer with government officials on March 14th, prior to a tour of South America. The conference will be held in Washington's Shoreham Hotel.

Invitation to the conference was extended by W. L. Batt, Deputy Director of the production division of the Office of Production Management; Jesse H. Jones, Secretary of Commerce, and Nelson A. Rockefeller, Coordinator of Commercial and Cultural Relations between the American Republics.

The committee of six will leave Washington March 15th for Miami where they will join a group of 40 industrialists for the projected National Research Council tour of South America.

Broadly, the purpose of the South American tour, according to Mr. Vagtborg, "is to assist in speeding-up of industrialization of the more progressive South American countries."

The tour, which begins March 17th, will be by way of Pan American Airways from Miami throughout the entire South American continent. In brief, according to a statement released by the National Research Council, this will be a tour of industrial exploration seeking industrial raw materials which may find more extensive markets in this country, particularly of vegetable oils, fibers, minerals, pharmaceutical products and native South American woods.

Members of the committee, all industrial research and scientific executives, will prepare a composite report of their observations during the South American tour. This report will be based upon their opinions of industrial possibilities as well as limitations and will be submitted through the National Research Council to the various

vernment agencies. The report will be directed, in the main, to the Inter-American velopment Commission and the Department of Commerce.

The entire span of the tour is to include seven weeks approximately, from March th to May 3rd. Most of the trip will be by air, via Pan American Airways, with stops nging from one to seven days at various industrial centers in Columbia, Peru, Chile, azil and Argentine. The longest stop-overs for investigation by the Committee will at Cali, Santiago, Buenos Aires and Rio de Janeiro. Side trips will be made with ch of these points as centers of operation to such places as Vina del Mar, Barranilla, Montevideo and Sao Paulo.

In all, forty major executives of United States industry will make the tour, alough only a very small number will form the National Research Council Committee to port findings on industrial possibilities to the government. Representatives of the llowing companies will participate: American Locomotive Corporation, Atlantic Refing Company, Budd Manufacturing Company, Colgate-Palmolive-Peet Company, Goodyear Tire Rubber Company, International Business Machines, Standard Oil and United Fruit. mes of other cooperating companies have not as yet been released.

One of the main reasons for the selection of Harold Vagtborg as a representave from the Chicago area centers about the prominence gained by the Armour Research undation as a leader in this field. The Foundation, it was learned, has since its ception in 1936 as the Research Foundation of Armour Institute of Technology, served ll over 400 corporations in industrial research and development work.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SWIMMING - ILLINOIS WESLEYAN AT ILLINOIS TECH, BARTLETT POOL, U.OF C. 2:30 P.M., SATURDAY, 3/8/41

RELEASE: FOR FRIDAY, 3/7/41

Illinois Tech's tanksters will play host to Illinois Wesleyan in a return engagement Saturday, March 8th, the latter having nosed out Tech in a January encounter 36 to 30. The dual meet is scheduled to be held in Bartlett Pool on University of Chicago campus at 2:30 P.M.

Earle Huxhold is the Techawks' mainstay and leadeing scorer at the present time. A junior, Earle has backstroked his way to this position. In a recent meet with De Pauw University, Earle was the only Engineer to garner a first place. The 150 yd. backstroke was the event in which he was victorious.

Perhaps the most improved of any of the Techawk splashers this season is junior Lawrence Rademacher in the shorter freestyle distances. With the Wesleyan meet coming up, Coach McGillivray rates him as the squad's number-one freestyler and a potential point winner in the 40-yd. event. In the 100-yd. freestyle he will compete with Alderson, ace of the Wesleyan team, who also swims the 220. Both lads are component parts of their respective relay teams, Rademacher being number-one man of the Techawk quartet while Alderson is anchor man for Wesleyan.

One of the toughest of many bad breaks suffered by the Engineer squad this season was the hospitalization of its star breastroker Karl Koos. Junior Koos has entered the tank once again, however, and is rapidly regaining his strength. By Saturday, Karl should be in the condition necessary to win the breaststroke event as well as providing a comfortable margin for the anchor man on the medley relay team.

All in all, the Engineers expect to walk off with the meet since the previous one was swum under the most adverse conditions for the Techawks.

- EHC -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: TRACK MEET WITH LOYOLA - 3/7/41
BOXING MEET WITH VALPARAISO - 3/7/41

RELEASE: FOR THURSDAY, 3/6/41

Illinois Tech's new scarlet and grey uniforms will be on parade as a pre-Spring fashion note when the Techawks engage two foes Friday, March 7, in track and boxing respectively.

Coach Norm Root's human hayburners will take on the track team of Loyola University of Chicago at 4:30 P.M. that day at University of Chicago fieldhouse on the famous clay track which has seen so many records broken.

Fistic tutor Bernard "Sonny" Weissman will send his leather-pushers out of town to meet the Valparaiso University in an evening affair for their first thoroughgoing competition since the Techawks figured in the novice and open division of the recent Golden Gloves Tournament.

Loyola University is expected to offer strong competition to the Techawk tracksters in nearly all events. Winner in a triangular meet against Chicago Teachers College and Morton Junior College and loser to Wilson Junior College, and with an indifferent showing to their credit in last Saturday's invitational meet at North Central College at Naperville, the Illinois Tech team is out to shoot the works against Loyola and set a pace to be maintained for the season.

With no adequate answer to what could be done to stop Loyola's Lenover in distance runs, Coach Root is nevertheless counting heavily on the shorter distance events and the hurdles and pole vaulting for a heavy point pickup.

Versatile Wayne McCullough, a junior cooperative student, who performs in the pole vault, high jump, the mile, the half-mile, and who can, if necessary, put the shot, is the chief of Coach Root's threats.

Harry Heidenreich, junior chemical engineer, who is acting Captain, will be entered in the high jump and pole vault. He has occasionally picked up shot put points. The standout competitor in the last event is Al Sanowskis, senior chemical engineer,

who takes time from his wrestling team duties to play heavy man with the big ball.

John Elwood, pole vaulter and third-year cooperative student, and Robert Osborne, freshman hopeful, who will be entered in the 60-yd. dash and the quarter-mile, are champing at the bit after minor successes in previous meets. A sophomore mechanical engineer, Bill Watson, will also try in the 60-yd. dash.

Another quarter-miler, George Matthews, senior electrical engineering student, and miler and half-miler George Erkert, a freshman chemical engineer, can be depended on for points.

A possible entry in the two-mile run is Hank Jackowski, junior electrical engineer.

The boxing picture can be predicted with clearer outlines. Coach Weissman's boys should win handily, particularly if Ivo Buddeke, freshman chemical engineer who fights as a light heavyweight and Kenny Young, junior electrical engineer, fighting at 128 pounds, are in good physical condition. Both sustained minor injuries in practice during the last few weeks. Buddeke went through the novice division of Golden Gloves like wildfire but a bad heel kept him out of the open bracket.

Captain Ernie Colant, senior mechanical engineering student, has shown himself able to take anything anyone weighing 128 pounds can pour on him in collegiate circles. Art Ellis, flashy freshman arts and science student, will fight at 118 pounds, Jerry DeGiorgi, junior mechanical engineer at 128 pounds, Roy Erickson, senior cooperative student, at 135 pounds, Leroy Simpson, third-year cooperative student at 147 pounds, Bob Merrick, freshman chemical engineer, at 160 pounds, and Chester Swann, second-year cooperative student, weighting 190 pounds, as a heavyweight.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: SPEECH OF PHILIP HARRINGTON
AT MIDWEST POWER CONFERENCE,
APRIL 9, 1941

FOR RELEASE: FRIDAY, MARCH 7,1941

One thousand guests of the Mid-West Power Conference, to be held at the Palmer House, Wednesday and Thursday, April 9-10, will be welcomed by Philip Harrington, Commissioner of Subways and Superhighways.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," Winston said.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read, and talks given, at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Harrington, an alumnus of Armour Institute of Technology in 1906, will keynote the two-day session that will attract leaders of all branches of the natural resources and public utility fields in America with an outline of the history of power transmission and development from colonial times. It is expected he will also explain the unique position of power industries in time of national defense.

In addition to the bachelor of science degree he holds from Armour Institute, Harrington is possessor of a law degree from Kent College of Law and of a license to practice. He was for many years chief engineer of the Sanitary District of the City of Chicago.

Harrington is a native of Worcester, Massachusetts. Moving to Chicago at an early age, he received most of his elementary and secondary education here, graduating from Lakeview High School. His career with the Sanitary District began as a rodman, continuing until 1933 when he became chief engineer.

He has been made special traction engineer for the Committee on Local Transportation of the city. A member of the Western Society of Engineers and the Chicago Athletic Association, Harrington resides at 434 Melrose Street.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: SPEECH OF EDWIN CIESLAK, LEWIS DIVISION, TO SIGMA DELTA EPSILON, SCOTT HALL, N. U., 3/10/41; 8 P.M.

RELEASE FOR: SATURDAY, MARCH 8, 1941.

A joint meeting of Northwestern University and University of Chicago chapters of Sigma Delta Epsilon, Women's scientific society, will be addressed by Edwin S. Cieslak, 5237 Argyle Street, instructor in biology of Lewis division of Illinois Institute of Technology, Monday, March 10, at 8 p.m., in Scott Hall of Northwestern University, Evanston.

His subject will be "Marine Ecology and Ecology of the West." It will be based on detailed movies of marine life at the Oceanographic Laboratories on San Juan Island in Puget Sound, under direction of the University of Washington.

Produced in color, the movies will show vertebrates and invertebrates of the sea in their native habitats. A great diversity of marine plants and animals, many filmed at low tide, will be shown.

A thirteen-foot intertidal zone, in which many organisms live, rocky shores, where barnacles live, and the lower stratifications where snails, limpets, sea urchins, sponges and other marine algae exist, will be explored.

Various vertebrates such as sea gulls, sandpipers, and snakes who feed on these animals when exposed, will be presented.

A 6 p.m. dinner will precede the lecture.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SECOND SECTION OF BUSINESS ADMINISTRATION
COOPERATIVE COURSE BEGINS MARCH 31, 1941
AT LEWIS DIVISION

RELEASE: FOR MONDAY, 3/10/41

An unusual form of scholarships for students willing to work their ways through school comes to light with an announcement today of Miss Kathryn Judkins, 1260 North Dearborn Street, coordinator of the business and industrial management cooperative courses at Lewis division of Illinois Institute of Technology.

In a statement which outlined plans for matriculation of the second section of recently-installed cooperative courses at Lewis Monday, March 31, Miss Judkins revealed that eighteen students who have spent eight weeks since February 3 in studies at the Institute will begin a similar hitch in business and industry March 31, all employed at wages that pay tuition costs and incidental school expenses.

"Students enrolling March 31 at Lewis for the cooperative course will be following on the heels of those we are sending out to guaranteed jobs at good wages," she said.

"In effect, we provide scholarships for any persons we accept in the business and industrial management courses by finding them jobs at which they alternate with periods at school through five years.

"At the end of five years, the students graduate from our courses with a Bachelor of Science degree in business administration and industrial management and a training in the business world that puts them well on their ways to junior executives and other superior positions," she declared.

"Each school year is divided into six alternating periods of eight weeks each. A student spends his first period at school taking fundamental studies in science, economics, and the humanities as well as courses in salesmanship, purchasing, marketing, advertising, office management and other related fields.

"These studies he will continue as he comes back to school at five additional intervals throughout each year. Students are paid only for the time they are employed but they make enough to carry themselves through the periods spent in school."

The course completed by the cooperative method is the same as that taking four-years in the regular manner, Miss Judkins explained.

Cooperating business enterprises, struck by the soundness of the plan, are hastening to request workers from the cooperative program students, she said.

"Our course is the first of its kind to be offered in the Chicago area and businessmen and leaders in several branches of commercial life have investigated us and announced their approval.

"The success of the mechanical engineering cooperative plan begun at Armour College of the Institute five years ago led to the initiation of a similar program in the business field and in many cases the same cooperating industries that assisted us in the 1936 experiment have hastened to support us in this second pioneering work."

Among early supporters of the cooperative business administration and industrial relations courses were banking houses, packing company officials in production fields, and the office managing sections of variegated types of firms.

Paul A. Mertz, director of company training for Sears, Roebuck and Company, Walter Knoop, secretary of the Cook County Retail Council, Joseph T. Meek, executive secretary of the Illinois Federation of Retail Associations, J. P. Curry, public relations counselor, and Miss Mabel Meek, executive secretary of Altrusa International Association were of great aid in backing the program from its inception.

At present employers are deluging her with calls for women students in the cooperative program and the demand will likely continue for many months, she indicated.

"The plans business has made for the national emergency period call for the replacement of men in many large industries by women, fully-trained or partially-trained, but all of them willing to devote themselves to a real career in business.

"Employers understand that our students are not casual adventurers in the business world but definitely committed to the policy of working to the top of their respective companies. That is one reason why our March 31 enrollment is expected to greatly excede that of last February."

Tuition of $240 per year, plus a $50 yearly budget for incidental fees, books, papers, and other school equipment, are easily met by the amount of money earned by individual students during their working half-year, Miss Judkins asserted. Only high school graduates and those with qualities of leadership and scholastic aptitude are admitted to the cooperative courses.

"Our problem now is to allow each firm only one team of our students, the student at work and the student at school who replaces him at work, because of the increasing demand for cooperatively-enrolled men and women."

Of those enrolled at present, Miss Judkins revealed, many students are past twenty years of age and the group ranges from eighteen to twenty-five. The following are currently enrolled in the cooperative course:

Joanna Altenkamp	7345 Green Street	Calumet H.S.
Lorraine Anderson	826 West 77th Street	Calumet H.S.
Charles Bindig	645 North Central Avenue	Austin H.S.
Jerome Bradley	5052 Wilson Avenue	Taft H.S.
Carl Buehler	Barrington, Illinois	Elgin Academy
Ray Dawson	4110 Magoun Avenue	Roosevelt H.S.
Walter Eichenberger	4401 Drexel Boulevard	Englewood H.S.
John Fitzgerald	6305 North Lenox Avenue	Taft H.S.
Lawrence Gale	4340 North Spaulding Avenue	Roosevelt H.S.
Kenneth Giles	4130 North Oketo Avenue	Lane Tech. H.S.
Russell Komen	6180 Berenice Avenue	Steinmetz H.S.
Elmer Lake	7248 South Park Avenue	Mt. Carmel H.S.
Walter Landini	7144 Ellis Avenue	Tilden Tech H.S.

Robert Peach	8750 South Michigan Avenue	Fenger H.S.
Robert Peyton	8045 South Loomis Boulevard	Waller H.S.
Elsie Rysdon	7349 South Michigan Avenue	Calumet H. S.
Robert Wallace	8100 South Kimbark Avenue	Hirsch H.S.
William Weld	121 Washington, Oak Park	Oak Park H.S.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: OUT-OF-TOWN FRESHMAN SCHOLARSHIP AWARDS
FOR 1941-42

Chicago, March 00, 1941 -- (Special) -- Interviews of male high school and academy graduates as a first step for entering competition for 18 scholarships to be awarded to Armour College of Engineering division of Illinois Institute of Technology, will begin March 31st, 1941, it was announced today. The examination for the awards includes a personal interview and a three-hour written examination.

H. T. Heald, President of Illinois Tech, in making the announcement, stressed the point that any graduating male high school or private school senior is eligible for the competition, no matter how far removed geographically he may reside from Chicago where the school is located.

"Special arrangements," said President Heald, "will be made for the personal interview and the written examination in the home city for those wishing to compete for the awards who cannot conveniently commute to the Chicago campus. Seniors of High School need only communicate with the Institute registrar, signifying their intention to compete, and arrangements will then be made with their principal, or with a representative of the Institute who may be in the vicinity, for the examination."

The examinations must be completed by May 3rd, with all requests for the examination in the hands of the Institute registrar by May 1st. The awards consist of ten one-year tuition ($300) awards and eight four-year tuition awards in fire protection engineering, each valued at $1200.

Scholarship ratings are based on a three-hour written examination and a consideration of the candidate's personality, high school scholastic record, extra-curricular activities, and general fitness. The latter items are determined mainly by consideration of the personal interview.

The written examination will consist of mathematics, physics and chemistry, and will be three hours in length. The examination in mathematics will be primarily in algebra, with some questions in plane and solid geometry as a possibility.

The examination in physics and chemistry will be of the objective type, but will include an essay on an assigned topic and will be based upon textbooks currently in use in secondary schools. There will be no separate written examination in English. The candidate's ability in English expression will be determined from the personal interview and from the short essay prepared in connection with the written examination in physics and chemistry.

Requirements for admission to the Institute, as set forth in its general information bulletin, will obtain in the case of all scholarship applicants. The bulletin may be had on application to the registrar.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: INTERVIEWS OF HIGH SCHOOL SENIORS FOR
ILLINOIS TECH SCHOLARSHIPS - BEFORE 5/1/4

Chicago, March 00 — (Special) — Interviews of male graduates of high schools and academies as a first step in competition for 18 scholarships to be awarded for Armour College of Engineering Division of Illinois Institute of Technology will begin March 31st, 1941, it was announced today.

Examinations will be held Saturday, May 3, 1941 at Armour College campus, 3300 Federal Street, according to President H. T. Heald. He added that seniors contemplating competition for ten one-year tuition ($300) awards, and eight four-year awards of $1200 each for courses in fire protection engineering, should either communicate with the Institute's registrar before May 1st, or present himself at the Armour College campus prior to that date for the necessary personal interview. Interviewing hours are from 10 A.M. to 4:30 P.M. except Saturdays, when hours are from 9:00 to 11:30 A.M.

Seniors of high school are urged to see their principal, , for further information relating to the necessary personal interview and the written examination.

Students in communities removed from Chicago may take written examinations on May 3 also, if they have first written to the registrar and made arrangements for an interview and examination through their high school principal. Either the principal or some responsible person named by the Institute will conduct both of these in the home city.

Each personal interview of candidates to whom Chicago is accessible will be conducted by a member of the freshman scholarship committee, of which S. E. Winston, 401 South Quincy Street, Hinsdale, associate professor of mechanical engineering, is chairman.

Requirements for admission to Illinois Institute of Technology, as set forth in its General Information Bulletin, will obtain in the case of all scholarship winners. This Bulletin may be had on application to the registrar's office.

Students competing in scholarship examinations last February are not eligible for a second try.

Scholarship ratings are based on three hours of written examinations beginning at 9 A.M. on May 3 and on considerations of personality, high school scholastic record, extra-curricular activities and general fitness of candidates.

Written examinations consist of mathematics, physics and chemistry and will total three hours. The examination in mathematics will be primarily in algebra, with some questions in plane and solid geometry as a possibility.

The examination in physics and chemistry will be of the objective type but will include an essay on an assigned topic, and will be based on textbooks currently used in secondary schools. There will be no separate written English examination since ability in English expression will be judged from the personal interview and from a short essay prepared as part of the physics and chemistry examinations.

Also members of the freshman scholarship committee are the following: W. E. Kelly, 2448 E. 78th St., registrar; A. W. Sear, 8515 Constance Ave., assistant professor of electrical engineering; S. F. Bibb, 2053 E. 81st St., associate professor of mathematics; W. M. Davis, 8520 Euclid Ave., assistant professor of mathematics; H. K. Giddings, 7861-C South Shore Drive, assistant professor of mathematics; W. R. Kanne, 931 Hyde Park Boulevard., assistant professor of physics; A. L. Mell, 1442 N. Sedgwick St., instructor in architectural design; M. J. Murray, 7619 Crandon Ave., associate professor of chemistry; R. M. Sanford, 2303 Sheridan Rd., Evanston, Ill., instructor in English; W. H. Seegrist, 8543 Maryland Ave., associate professor of machine design; S. M. Spears, 1720 W. 105th Pl, associate professor of civil engineering; and Saul Winstein, 7416 Phillips Ave., instructor in chemistry.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ILLINOIS TECH RELAYS GAMES
FORMERLY ARMOUR TECH RELAYS
U OF C FIELD HOUSE - 3/15/41

RELEASE: FOR SUNDAY, 3/9/41

Four hundred athletes, hailing from the North Woods of Wisconsin and Minnesota,,from the State of Michigan, from Kansas and from Illinois and Indiana, with still one week remaining, have already signified their intention of competing in the thirteenth running of Chicago's track and field classic, the ILLINOIS TECH RELAY GAMES.

Formerly known as the Armour Tech Relays, and renamed after the merger of Armour Institute of Technology and Lewis Institute last summer, the 1941 finale to the current indoor season, will be held Saturday afternoon and evening in the University of Chicago field house, March 15th, 1941. The preliminary events are scheduled for the afternoon, with the final events beginning at 7 o'clock in the evening.

Characteristically known as the only middle-western meet in which colleges and universities can compete in separate sections without the killing competition of an open meet, the Illinois Tech Relay Games afford the small college with top-flight talent competition with the bigger school.

According to John Schommer, all team entries are classified into two separate and distinct divisions according to the rating of the school and the competition in which it customarily engages. The smaller schools are placed in the college division, while such schools as Northwestern, Kansas, and Illinois are placed in the University division. No university contestant may compete in the college division, while a college division athlete, having exceptional ability, may compete with the better talent in the university division. At the same time, several events, including the field events, the mile run and the half mile run are declared open events, in which all entries, irrespective of classification, may compete.

The Games are under the direction of John Schommer, famous athletic official and Tech athletic director. Assisting him are B. "Sonny" Weissman, assistant athletic director and boxing and wrestling coach; George S. Allison, treasurer; Norman Root, track coach; T. Nelson Metcalf, University of Chicago athletic director; and Alexander Schreiber, public relations director for the Institute.

Thus far, thirty colleges and universities have entered the best of their athletic material for competition in the preliminary events Saturday afternoon. With one week remaining before the starter's gun signals the beginning of the first event, the total number of athletes is 400, and indications are that another hundred athletes from at least 10 additional colleges and universities may be expected.

Among the more famous entries are full teams from such widely-known schools as Drake of Des Moines, entering for the first time in many years. There are also teams from the University of Illinois, Michigan State, Chicago, Marquette and Northwestern, all competing in the university division.

In the college division, returning to the scene of repeated team championships, are such popular combinations as those of Michigan Normal, last year's winners; North Central, recognized as the most outstanding small college entry from this area; Northern Illinois State Teachers of De Kalb as well as Western Illinois State Teachers of Macomb; Western State Teachers of Michigan; Carleton College of Northfield, Minnesota; Milwaukee Teachers; Coe College; Iowa, Dubuque and Iowa Teachers of Iowa; and Monmouth and Knox College, both reentering the Games after several years absence.

And from these colleges and universities come athletes many of whom are defending champions in the scheduled track and field events. Northwestern University's Joe Finch, daring hurdler who has been making a name for himself in the Big Ten conference this year, will be defending his 70-yard high hurdle record against several Marquette timber-toppers. Another of Marquette's runners, Walter Shelton, dashman, whipped in a photo-finish last year by little "Gene" Littler, Nebraska star, will be

returning to regain his hold on this 70-yard event. Shelton is co-holder of the record in this event with Littler, two former University of Illinois athletes and one from Carleton College of Minnesota.

Another returning defending champion is Terwilliger of De Kalb Teachers who won the quarter mile in the college field with a time of 51.5 seconds, while Jenkins of Iowa Teachers will defend his crown in the one-mile run.

In the team championship competition, both of last year's winners are returning While there is no actual award in the university division for total team points gained, the highest scoring team is always recognized as the winner in this division. Marquette University of Milwaukee rated this honor in 1940 by virtue of an especially well-balanced team in all events as well as fast-running combinations in the relay events. Marquette placed first in the two mile event, nosing out Illinois by a scant margin and then trailed the latter in both the sprint medley and the one-mile events for second places, to pile up the largest university division point total.

In the college division, little-known but highly respected by its opponents in track and field, Michigan Normal of Ypsilanti ran up a total point score of 65 and 5/6 points to beat its nearest rival, highly-touted Kansas State Teachers of Pittsburg, by 25 points. By experience, it is impossible to rate the Normal contingent. In the 1940 competition the Hurons were not expected to do better than a third place because of a completely revamped team and they came in first. Similarly this year, with practically a new combination, it is hard to determine what its status may be. Chief among the contenders for the college division crown will be Loyola of Chicago, winners of the Midwest Intercollegiate at Naperville a week ago; North Central of Naperville, Iowa Teachers, and Lawrence College of Appleton, Wisconsin

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ILLINOIS TECH RELAY GAMES (FORMERLY ARMOUR TECH RELAYS) U OF C FIELDHOUSE SATURDAY - 3/15/41

RELEASE: FOR MONDAY, 3/10/41

The best athletes of the west's "Bix Six" Conference, the middlewest's "Big Ten" and"Central Intercollegiate" Conferences, and the Midwest meet, including stars from the "Little Nineteen", according to information released late last night by John J. Schommer, athletic director, have swelled the entries of the thirteenth annual renewal of the Illinois Tech Relay Games (formerly Armour Tech Relays) to a total of 35 teams and 450 athletes.

Ripe from competition in their respective Conferences over last week-end and flushed with handsome victories, many of the schools will renew rivalry this Saturday night, March 15th, 1941, in the U of C Fieldhouse as the Tech Games get under way.

The final events in this meet, considered as Chicago's crowning climax of the annual indoor track season, are scheduled to begin at 7 o'clock in the evening. The preliminary events are scheduled for the afternoon, beginning at 2:15 o'clock.

What is more important from the competitive standpoint, according to leading track and field experts in this area, is the fact that the Tech games will afford an opportunity for the best teams of the Conferences mentioned - the Big Ten, the Big Six, the Central Intercollegiate and the Midwest - to get together to match prowess for indoor collegiate championship of the middlewest. This is the only meet of the indoor season wherein athletes from schools so widely separated geographically and who owe allegiance to such a variety of conferences, have an opportunity to match their talents.

For the first time in a great number of years, Drake University of Des Moines, Iowa is sending a full complement of track and field stars to compete in the university division. They will be matched against such powerful combinations as those of Illinois, Chicago, Northwestern, Michigan State, and Marquette, the 1940 Tech Relays' winner.

In the college division, Loyola of Chicago, winners of the Midwest meet in Naperville two weeks ago, will compete against highly-respected Michigan Normal of Ypsilanti, college division winner of last year. A nearby Chicago hopeful will be famous North Central College, while Wisconsin's Lawrence College as well as Minnesota's Carleton College of Northfield will be hopeful contenders.

Among the individual contestants, currently resting upon their laurels by virtue of championship performances in the twelfth running of the Games, are six prominent track and field stars who are scheduled to defend their Crowns. Perhaps the most prominent of these is little, red-headed "Gene" Littler of Nebraska. He has earned the title of "fire-ball" as a result of his speedy tactics in the dash events all during the last outdoor season and during the current indoor season. Rated as one of the best dash-men in the United States, Gene carried away top honors in the 70 yd. event in 1940, and in so doing, tied the relay record-time of 7.1 seconds for this event.

The second defending champion is Northwestern's Joe Finch. A consistent place winner in the hurdle events in Big Ten Conference meets, Joe Finch repeated his 1939 performance in winning the 1940 meet. This year, however, he is expecting stiff competition from Illinois' Don Olsen and Marquette's George Foster, both expert timber toppers.

In the quarter-mile event, noted for its killing pace, Nebraska's Gene Littler is again the defending champion. In this event he is not a record holder although he traveled the course in 1940 in the time of 51 seconds flat.

With Joe Finch as defending champion of the high hurdle event, Northwestern University has a corner upon "reputation-saving" since two other Wildcats will also be defending records and marks established in 1939 and 1940.

The first of these is young Edward Thistlethwaite erratic pole vaulter who currently holds the Tech Games' record for this event. Thistlethwaite established this mark in 1939 with a vault of 13 feet, 11 and 1/8 inches, although he could do no better than tie for third place last year. According to Northwestern's mentor, Frank

ill, Thistlethwaite is rapidly improving in form although he has not done better than 3 feet, 9 inches this season.

The remaining Northwestern defending champion is dusky Jim Smith, high jumper who won in 1940 with a leap of 6 feet, 1 inch. Known to top the bar at 6 feet, 4 inches, but in a particularly bad slump this season from which he has not as yet been able to emerge, Smith is having stiff competition from his teammate and namesake, Don Smith. Each is rated in the 6 foot, 1 inch class, and each is rapidly improving to the point where serious competition may result in spectacular jumps next Saturday night.

In the running of the team relay events, both college and university divisions, probable winners are hard to forecast. Defending records established last year will be Marquette University and Michigan Normal, each with relatively inexperienced combinations and neither having more than one returning veteran of last season's winning teams. Each will be defending records established for the two mile relay event, while Michigan Normal will have the additional task of defending its winning time of 3 minutes, 28.5 seconds in the college one mile relay.

On the other hand, the University of Illinois will have its toughest assignments in attempting to defend winning times in both the sprint medley and one mile events.

Officials whose duty it is to keep the records and conduct the meet are: Dr. W. J. Monilaw, referee and Starter; George Donoghue, Chicago Park District, head finish judge; J. J. Lipp, famous timer of many world renowned sporting events, head timer; James Lightbody, famous years ago as a University of Chicago athlete, head inspector; Dr. W. H. Droegemueller, head judge of the pole vault; Dr. J. F. McNamara of the Institute, physician in charge; J. Kyle Anderson, University of Chicago, clerk of course; Harry Frieda, clerk of course; and chief marshall, B. Weissman, Tech assistant athletic director, chief marshall.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: STARS THRONG TO ILLINOIS TECH
RELAY GAMES, SATURDAY, MARCH 15,
AT U. OF CHICAGO FIELDHOUSE

FOR RELEASE: TUESDAY, MARCH 11, 1941

The Who's Who of midwestern university and intercollegiate track competition, with several revised standings following last Saturday's meets at Purdue and Notre Dame, will have its next public unveiling Saturday at U. of Chicago fieldhouse when the 13th annual Illinois Tech Relays (known in the past as the Armour Tech Games) are run.

Stars, greater and lesser, all of them blazing according to time or distance standards set in these weekend and previous trials, are expected to come to their full glory in the Tech Relays on the fast clay track at the Midway and in the climactic competition coming out of this seasonal windup of the indoor meets.

Illinois, Northwestern, Wisconsin, and Chicago, whose combined total of 163.5 points is seven-tenths of all points scored at Lafayette, will be represented in even fuller galaxy than they were in the Big Ten meet.

A new name flaring bright on the track horizon is Don Olsen of Illinois, who won the 70-yard low hurdles and then came back to take second in the highs.

He broke the American mark of twenty years standing in the first event and pushed an Ohio state competitor to a new American record in the highs. His low-hurdle record will likewise stand for the Big Ten as that event never had been held under its wing before.

Another entrant in the Tech Relays will be Charlie Horvath of Northwestern, who should be at his hurdling peak Saturday night. He took third in the 70-yard high and low hurdles and gave evidence of being one of the most improved timbertoppers of the season.

His teammate, Joe Finch, who won last year's highs, will be very much in evidence, according to those who have been watching him all year. His fourth in that event at Lafayette may spur him to sensational efforts.

Myron Piker of the Wildcats was nosed out by Franck of Minnesota in the Big-Ten 60-yard dash finals. If he is in good physical condition for the Tech Relays, he might hang up a record for the 70-yard dash as he is kno n to be a strong finisher.

Bailey of Illinois in the quarter-mile, Randall of Chicago in the half-mile, Schoenike of Wisconsin in the mile and the Illini mile-relay team, on the basis of point-garnerings Saturday night, will be predictable factors in the Tech Games.

In the shot put Paskvan of Wisconsin, winning Saturday with two inches less than he made at last year's Tech Games, will be trying in what will be probably the last of the indoor meets of his spectacular college athletic career. Anything can happen under such stimulus, and probably will.

University of Chicago's Rendleman, taking a fifth in the same event, has been picking up experience all year and may be set for his big act next Saturday. Lewis of Illinois, McFadgean of Wisconsin, Stout of Illinois and Foster of Wisconsin, placing second, third, fourth and fifth, respectively, in the Big Ten high jump, will be on hand to fight it out once more.

Williams of Wisconsin, winner of last weekend's pole vault, and Thistlethwaite of Northwestern taking fourth, will have plenty of pushing from collegiate entries, as their event is an open one.

At the Central Collegiate meet at Notre Dame last Saturday Michigan Normal, Marquette, Drake, Kansas State and Michigan State scored a third of all points against redoubtable foes such as Notre Dame and Pittsburgh.

Wyman, Drake, and Welch, Marquette, in the high jump, Quinn and Brzensinski, Michigan Normal, and Wickersham, Marquette, in the mile run, Rosensweig, Michigan Normal in the shot put, Vosberg, Marquette, Kaulitz, Michigan State, in the quarter, Darden, Kansas State, Sommerfield, Michigan Normal, and Egbert, Marquette, in the

0-yard high hurdles, Francis, Marquette, and Griffith, Drake, in the two-mile run, arsalou, Drake, Brzezinski, Michigan Normal, and Grochowski, Marquette, in the alf-mile, Stein, Michigan Normal, Wonch, Michigan State, and Gelhar, Marquette, in he pole vault, and the one-mile relay teams of Drake and Marquette, are among those entral Collegiate win, place and show men who ill brighten the roster at the Tech elay Games.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC 4600

RE: MINNESOTA ATHLETES COMPETE IN
13TH ANNUAL ILLINOIS TECH RELAYS
IN CHICAGO, MARCH 15, 3:30-10 P.M.

FOR IMMEDIATE RELEASE

Chicago, Illinois.—(Special)--Seventeen Minnesota athletes, the cream of Gopher State college competition, will be among 450 members of approximately 40 track teams from universities and colleges of eight midwestern states who will strive hell-bent for glory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

Carleton College, Northfield, entering a dozen men, and Minnesota State Teachers College, Winona, with five entrants, neither of whom were entered last year when the Games were known as the Armour Tech Relays, are expected to be among leading contender in the college division.

Two grades of competition will be on exhibition. The universities, heavy with stars whose names have been made in national meets, and the colleges, in many cases wit men who could step out in any company, will be grouped separately.

Some events will be open to university and college entrants. They are: the 880, the mile, and all field competitions.

In those open events point totals for colleges will be counted independently of the general result so that the smaller schools will know how they stand against each other.

Carleton College has entered the following:

Walter Anderson, one-mile relay and 70-yard dash; Arland Christ-Jenner, two-mile relay and one-mile run; Dwight Culver, two-mile relay and 880-yard run; Richard Gaarde, 70-yard low and high hurdles; Warren Grunert, 70-yard low and high hurdles; Robert Karatz, one-mile relay and 70-yard dash; Donald Pfeiffer, one-mile relay; Corse Pollock, one-mile relay and 440-yard run; William Reynolds, two-mile relay, 880-yard run; Harry Speakes, shot put; Ned Stearnes, high jump; and Elmer Wood, two-mile relay and one-mile run.

Minnesota State Teachers College, Winona, has entered the following: Kalbrenner, sprint medley, 70-yard dash, 70-yard low hurdles; Montgomery, sprint medley, 70-yard dash; Sulack, sprint medley; Walters, sprint medley, and Zimmerhakl, sprint medley.

[illegible]

The lightening-fast clay track and the huge arena of University of Chicago's fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Conference championships were run. Last week-end both the Big Ten meet at Purdue and the Central Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois and Wilson Junior College, Chicago.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: IOWA ATHLETES COMPETE IN 13TH
ANNUAL ILLINOIS TECH RELAYS IN
CHICAGO, MARCH 15, 3:30-10 P.M.

FOR IMMEDIATE RELEASE

Chicago, Illinois.--(Special)--Fifty-three Iowa athletes, the cream of Hawkeye State university and college competition, will be among 450 members of approximately 40 track teams from universities and colleges of eight midwestern states who will strive for glory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

Drake University, DesMoines, entering fourteen men, Iowa State Teachers College, Cedar Rapids, entering twelve men, Coe College, Cedar Rapids, entering sixteen men, and University of Dubuque, entering eleven men, are expected to be among leading contenders

Two grades of competition will be on exhibition. The universities, heavy with stars whose names have been made in national meets, and the colleges, in many cases wit men who could step out in any company, will be grouped separately. Only Drake of Iowa contenders will be in the first bracket.

Some events will be open to university and college entrants. They are: the 880, the mile, and all field competitions.

In these open events point totals for colleges will be counted independently of the general result so that the smaller schools will know how they stand against each other.

Drake University, DesMoines, has entered the following:

Baldwin, sprint medley, 70-yard low and high hurdles; Burch, two-mile relay, one-mile run; Cobb, sprint medley, 70-yard dash and 70-yard low hurdles; Griffith, two-mile relay, one-mile run; Jennings, one-mile relay; Jensen, one-mile relay; Kennedy, two-mile relay, sprint medley and half-mile run; Korona, sprint medley, 70-yard low and high hurdles; Meskan, two-mile relay, sprint medley, half-mile run; Nugent, pole vault; Pollet, one-mile relay; Saur, one-mile relay; Stonecipher, one-mile relay; and Wyman, high jump.

The lightening-fast clay track and the huge arena of University of Chicago's fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Conference championships were run. Last week-end both the Big Ten meet at Purdue and the Central Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois and Wilson Junior College, Chicago.

Iowa State Teachers College, Cedar Rapids, has entered the following:

Robert Brown, two-mile relay, one-mile run; Vern Bredow, 70-yard low and high hurdles; Russel Bradford, pole vault; John Clark, one-mile relay, sprint medley, quarter-mile run; William Jenkins, two-mile relay, sprint medley, one-mile run; Robert Keyes, 70-yard low and high hurdles; Lionel Leiberman, two-mile relay, and half-mile run; Jack Meyer, one-mile relay, sprint medley, 70-yard dash, 70-yard low hurdles; William Rogell, one-mile relay, two-mile relay, sprint medley, quarter-mile run, half-mile run; Claude Sentee, one-mile relay, sprint medley, 70-yard dash; Wesley Warner, high jump; and James Vaughn, shot put.

Coe College, Cedar Rapids, has entered the following:

John Altfillish, one-mile relay, two-mile relay, sprint medley, quarter mile; William Arnett, sprint medley, 70-yard dash, pole vault; Robert Cullen, one-mile relay; William Davis, two-mile relay, sprint medley, one-mile run; Francis Flanagan, one-mile relay, two-mile relay, half-mile; Walter Kinch, one-mile relay, sprint medley, 70-yard low and high hurdles Irwin Nelson, one-mile relay, two-mile relay; Robert Nicholson, one-mile relay, sprint medley, quarter-mile run; Ralph Pilgrim, 70-yard low and high hurdles; Jack Rampelberg, one-mile relay; Dale Sage, Everette Stoutner, sprint medley, 70-yard high and low hurdles, high jump, pole vault; Kieth Sedore, two-mile relay, one-mile run; Kieth Teague, two-mile relay, one-mile run; Carl Van Evera, one-mile relay, two-mile relay, sprint medley, one-mile run and half-mile run; Fred Verink, sprint medley, 70-yard dash, high jump and shot put.

University of Dubuque has entered the following:

Elwin Davis, one-mile relay, sprint medley; Jack Dieter, 70-yard low and high hurdles; Charles Feutz, sprint medley, 70-yard dash; Bruce Freeman, shot put; Clarence Hirsch; shot put; Ken Rohl, sprint medley, 70-yard dash; George Steffens, 70-yard dash; Bob Stoneburner, one-mile relay, 70-yard low and high hurdles, high jump, pole vault; Hercules Timpton, 70-yard low and high hurdles, high jump and shot put; Jake Thoman, one-mile relay; and Bob Wilder, one-mile relay, sprint medley and quarter-mile run.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: LAWRENCE COLLEGE ATHLETES IN 13TH
ANNUAL ILLINOIS TECH RELAYS IN
CHICAGO, MARCH 15, 3:30-10 P.M.

FOR IMMEDIATE RELEASE

Chicago, Illinois.--(Special)--Five Lawrence College athletes, the cream of a squad ending one of its most successful seasons, will be among 525 members of approximately 40 track teams from universities and colleges of eight midwestern states who will striv hell-bent for glory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

Two grades of competition will be on exhibition. The universities, heavy with stars, whose names have been made in national meets, and the colleges, in many cases with men who could step out into any company, will be grouped separately.

Some events will be open to university and college teams. They are: the 880 yard run, the mile, and all field competitions.

In these open events, point totals for colleges will be counted independently of the general result so that smaller schools will know how they stand against each other.

Lawrence College, Appleton, has entered the following:

Ralph Colvin, half-mile run; James Fieveger, 70-yard low and high hurdles, high jump, shot put; Vincent Jones, shot put; James Orwig, 70-yard low and high hurdles, pole vault, high jump; James Sattizahn, 70-yard dash.

-JGM -

The lightening-fast clay track and the huge arena of University of Chicago's fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Confer ence championships were run. Last week-end both the Big Ten meet at Purdue and the Cen tral Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois and Wilson Junior College, Chicago.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: WISCONSIN ATHLETES COMPETE IN
13THE ANNUAL ILLINOIS TECH RELAYS AT
U. OF CHICAGO FIELDHOUSE, MARCH 15,
3:30-10 P.M.

FOR IMMEDIATE RELEASE

Chicago, Illinois.--(Special)--Fifty central Wisconsin athletes, the cream of Badger State competition, will be among 525 members of approximately 40 track teams from universities and colleges of eight midwestern states who will strive hell-bent for glory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

University of Wisconsin, Madison, entering fifteen men, Milwaukee Teachers Colleg Milwaukee, entering seventeen men, and Marquette University, Milwaukee, entering eighteen men, are expected to be leading contenders.

Two grades of competition will be on exhibition. The universities, heavy with stars, whose names have been made in national meets, and the colleges, in many cases with men who could step out in any company, will be grouped separately. Milwaukee Teachers College will be in the second bracket. Marquette will be defending champion in the university section.

Some events will be open to university and college teams. They are: the 880 yard the mile, and all field competitions.

In these open events, point totals for colleges will be counted independently of the general result so that smaller schools will know how they stand against each other.

Of the fifteen entrants from the University of Wisconsin, three stand out. They are Paskvan, shot putter, who was second in that event last year with 49 feet, eight inches; Williams, pole vaulter, who won the Big Ten Championship last Saturday at Purdue with 13 feet, 10½ inches; and Shoenike, distance runner, whose one-mile at Purdue gave him a fifth place there.

The lightening-fast clay track and the huge arena of University of Chicago's Fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Conference championships were run. Last week-end both the Big Ten meet at Purdue and the Central Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois; and Wilson Junior College, Chicago.

Milwaukee State Teachers College, Milwaukee, has entered the following:

Aschenbrenner, one-mile relay, sprint medley; Burtch, two-mile relay; Cebrowski, two-mile relay; Crowley, 70-yard dash, 70-yard low hurdles; Dunst, shot put; Eckenrod, high jump; Edwards, pole vault; Frank, 70-yard low and high hurdles; Hopkins, one-mile relay; Kariovis, shot put; Knofernski, two-mile relay; Mallue, two-mile relay; McBrair, one-mile relay, sprint medley; Rosin, shot put; Tetzlaff, sprint medley, 70-yard dash, 70-yard low hurdles; Trimble, one-mile relay, sprint medley; Winn, high jump.

Marquette University, Milwaukee has entered the following:

Harvey Baerwald, pole vault; Don Bartsch, pole vault; Arthur Egbert, sprint medley, 70-yard low and high hurdles; Leonard Fitzgerald, one-mile relay, quarter-mile run; George Foster, 70-yard high hurdles, Ralph Gaber, pole vault; Frank Geralts, high jump; Gene Grochowski, one-mile relay, sprint medley, one-mile run, half-mile run; Al Klug shot put; Henry Lorisch, one-mile run, half-mile run; Howard Millen, sprint medley, 70-yard dash; Ervin Rice, shot put; Tom Tiernan, one-mile relay, sprint medley, quarter-mile run; Don Vosberg, one-mile run, sprint medley, quarter-mile run, half-mile run; Emmett Welch, high jump; Richard Wickersham, one-mile relay, one-mile run.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: MISSOURI ATHLETES COMPETE IN 13TH ANNUAL
ILLINOIS TECH RELAYS IN CHICAGO
MARCH 15, 1941 - 3:30-10:00 P.M.

FOR IMMEDIATE RELEASE

Chicago, Illinois -- (Special) -- Eight Missouri athletes, the cream of Mule State competition, will be among 450 members of approximately 40 track teams from universities and colleges of eight midwestern states who will strive hell-bent for glory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

Culver-Stockton College, Canton, entering five men and Lincoln University, Jefferson City, entering three men, are expected to be leading contenders.

Two grades of competition will be on exhibition. The universities, heavy with stars, whose names have been made in national meets, and the colleges, in many cases with men who could step out in any company, will be grouped separately. Both Missouri entrants will be in the latter bracket.

Some events will be open to university and college teams. They are: the 880 yd., the mile, and all field competitions.

In these open events, point totals for colleges will be counted independently of the general result so that smaller schools will know how they stand against each other.

Culver-Stockton College, Canton, has entered the following: Edward Bash, sprint medley, one-mile run; Bernard Cline, sprint medley, 70-yard dash, 70-yard high and low hurdles, quarter-mile run; Lowell Kronecke, sprint medley, 70-yard dash, 70-yard high and low hurdles, high jump, shot put; Charles Larson, sprint medley, 70-yard dash, 70-yard high and low hurdles, high jump, shot put; and George Shouse, sprint medley, one-mile run.

Lincoln University, Jefferson City, has entered the following: Charles Harris, 70-yard dash; Howard Lawton, one-mile run; and Winston Rogers, high jump.

The lightening-fast clay track and the huge arena of University of Chicago's fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Conference championships were run. Last week-end both the Big Ten meet at Purdue and the Central Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois and Wilson Junior College, Chicago.

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MICHIGAN ATHLETES COMPETE IN 13TH
ANNUAL ILLINOIS TECH RELAYS IN
CHICAGO, MARCH 15, 3:30-10 P.M.

FOR IMMEDIATE RELEASE

hicago, Illinois.--(Special)--Forty-nine Michigan athletes, the cream of Wolverine tate college competition, will be among 450 members of approximately 40 track teams rom universities and colleges of eight midwestern states who will strive for glory in he 13th annual renewal of the Illinois Tech Relay Games here Saturday.

Western State Teachers College, Kalamazoo, entering nine men, Michigan State Coll-ge, Lansing, entering sixteen men, Central State Teachers College, Mt. Pleasant, ntering eleven men, and Michigan State Normal College, Ypsilanti, entering thirteen en, are expected to be leading contenders.

Two grades of competition will be on exhibition. The universities, heavy with tars, whose names have been made in national meets, and the colleges, in many cases ith men who could step out in any company, will be grouped separately. Only Michigan tate College of the Michigan entrants will be in the first bracket. Michigan State ormal is the defending college champion.

Some events will be open to university and college entrants. They are: the 880, he mile, and all field competitions.

In these open events point totals for colleges will be counted independently of he general result so that smaller schools will know how they stand against each other.

Western State Teachers College has entered the following:

Anderson, one-mile relay; Branson, two-mile relay; Coleman, one-mile relay, sprint edley; Crum, one-mile relay, two-mile relay; Finkbeiner, two-mile relay; Halstead, two-ile relay, sprint medley; Kerwin, sprint medley, quarter-mile run, one-mile relay; hoberg, 70-yard high hurdles; and Stukkie, 70-yard dash.

The lightening-fast clay track and the huge arena of University of Chicago's fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Conference championships were run. Last week-end both the Big Ten meet at Purdue and the Central Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois and Wilson Junior College, Chicago.

Michigan State College, Lansing, has entered the following:

Buschman, 70-yard low and high hurdles; Cady, one-mile relay, sprint medley, alf-mile run; Doran, one-mile relay, sprint medley and 70-yard dash; Drynan, pole ault; Harris, pole vault; Kaulitz, one-mile relay, sprint medley, 70-yard low hurdles, uarter-mile run; Liggett, sprint medley; Macon, one-mile relay; Mader, one-mile relay; cCarthy, sprint medley, 70-yard dash; Ralph Monroe, sprint medley, one-mile run; iordan, one-mile relay; Rosenbaum, one-mile relay, sprint medley; Smith, one-mile elay, sprint medley; Stevens, 70-yard low and high hurdles; and Wonch, pole vault.

Central State Teachers College, Mt. Pleasant, has entered the following:

Burns, two-mile relay; Richard Daron, two-mile relay; Ed Kreps, shot put; Ken oop, sprint medley, high jump; James Nesbitt, 70-yard low hurdles; Casmer Rakowski, wo-mile relay, sprint medley, one-mile run; Ray Richardson, sprint medley; Rosilett, print medley, quarter mile run; Smith, two-mile relay; and Andrew Stone and Clark ldred, unassigned.

Michigan State Normal College, Ypsilanti, has entered the following:

Robert Archer, two-mile relay, half-mile run; Elmer Burnie two-mile run, one-ile run; Ben Clark, one-mile relay, sprint medley, 70-yard dash, high jump, quarter-ile run; Frank Durham, two-mile relay, half mile run; Warren Johnson, two-mile relay, ne-mile run; Don James, one-mile relay, sprint medley, 70-yard dash; Louis Kagan, one-ile relay, sprint medley, quarter-mile run; Robert Lee, one-mile relay, two-mile run, print medley, one-mile run; Eugene Lucarelli, 70-yard low and high hurdles, high jump; d Rosensweig, shot put; Don Sommerfield, 70-yard low and high hurdles; Harold Stein, ole vault; and Ted Webb, pole vault.

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: KANSAS ATHLETES COMPETE IN 13TH
ANNUAL ILLINOIS TECH RELAYS IN
CHICAGO, MARCH 15, 3:30-10 P.M.

FOR IMMEDIATE RELEASE

hicago, Illinois.--(Special)-- Nineteen Kansas atnletes, the cream of Jayhark State ompetition, will be among 450 members of approximately 40 track teams from universitie nd colleges of eight midwestern states who will strive hell-bent for glory in the 13th nnual renewal of the Illinois Tech Relay Games here Saturday.

Kansas State College, Manhattan, entering nineteen men, is making a determined bi or recognition after allowing last year's events to pass it by.

Two grades of competition will be on exhibition. The universities, heavy with tars, whose names have been made in national meets, and the colleges, in many cases ith men who could step out in any company, will be grouped separately. Kansas State ollege will be included in the first bracket.

Some events will be open to university and college entrants. They are: the 880, he mile, and all field competitions.

In these open events point totals for colleges will be counted independently of he general result so that smaller schools will know how they stand against each other.

Kansas State College, Manhattan, has entered the following:

Don Adee, two-mile relay; Louis Akers, sprint medley, 70-yard dash; Don Borthwick ne- mile run; Wilfred Burnham, one-mile relay, two-mile relay, sprint medley; Ed Dar-en, 70-yard low and high hurdles; Dale Dietz, one-mile relay, two-mile relay; Gilbert odge, 70-yard low and high hurdles; Kent Dunn, shot put; Henry Haeberle, one-mile re-ay; Thaine High, one-mile run; James Johns, one-mile relay, two-mile relay, sprint edley; Sammie Johnson, one-mile relay, two-mile relay, sprint medley; Don Kastner, ne-mile relay, sprint medley; Dean Lill, high jump; Ken Makalous, shot put; Rufus iller, two-mile relay, half-mile; Loyal Payne, one-mile relay, two-mile relay, sprint edley, half-mile run; Merrill Rockhold, sprint medley; and James Upham, one-mile relay, print medley, and quarter-mile run.

The lightening-fast clay track and the huge arena of University of Chicago's fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Conference championships were run. Last week-end both the Big Ten meet at Purdue and the Central Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois and Wilson Junior College, Chicago.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: NEBRASKA ATHLETE COMPETES IN
13TH ANNUAL ILLINOIS TECH RELAYS
IN CHICAGO, MARCH,15,3:30-10 P.M.

FOR IMMEDIATE RELEASE

Chicago, Illinois.--(Special)-- One Nebraska athlete, the cream of Cornhusker State competitors, will be among 450 members of approximately 40 track teams from universities and colleges of eight midwestern states who will strive hell-bent for glory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

He is Gene Littler, sometimes known as "Red," because that is the shade, no doubt of his opponents faces after he finishes in his events against them.

"Red" is a two-time Big Six indoor and one-time Big Six outdoor champion. He holds the Sugar Bowl and Cotton Carnival quarter-mile record. He has gone that route in 47.3. He is a second-place winner in the National Collegiate meet. Also, he is a former Big Six indoor 60-yard dash champion.

But his greatest distinction was in the Chicago and east-of-Nebraska area where his well-remembered performances in walking off with the university 70-yard dash and 440-yard run at last year's Armour Tech Relays, as the Games used to be known, will help to bring fans out en masse.

Littler is entered in the 70-yard dash and the 440-yard run this year once more.

The lightening-fast clay track and the huge arena of University of Chicago's fieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. Saturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a natural climax to the midwestern indoor track season. Two weeks ago the Big Six Conference championships were run. Last week-end both the Big Ten meet at Purdue and the Central Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illinois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's champions in the university and college divisions respectively, will be on hand to attempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, Michigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton College, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illinois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas State Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange Junior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola University, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State College, Lansing, Michigan; Milwaukee Teachers College: Monmouth College, Monmouth, Illinois; Morton Junior College, Cicero, Illinois; North Central College, Naperville, Illinois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern University, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; University of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, Jefferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; Western State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois and Wilson Junior College, Chicago.

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: SOUTHERN ILLINOIS ATHLETES COMPETE
IN 13TH ANNUAL ILLINOIS TECH RELAYS
IN CHICAGO, MARCH 15, 3:30-10 P.M.

FOR IMMEDIATE RELEASE

hicago, Illinois.--(Special)--Twenty-three southern Illinois athletes, the cream of ectional competition in that area, will be among 450 members of approximately 40 track eams from universities and colleges of eight midwestern states who will strive for lory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

Knox College, Galesburg, entering nine men, Western Illinois State Teachers College, Macomb, entering nine men, and Monmouth College, Monmouth, entering five men, re expected to be leading contenders.

Two grades of competition are expected to be on exhibition. The universities, eavy with stars, whose names have been made in national meets, and the colleges, in any cases with men who could step out in any company, will be grouped separately. The hree southern Illinois sectional entrants will be in the second bracket.

Some events will be open to university and college teams. They are: the 880, the ile, and all field competitions.

In these open events point totals for colleges will be counted independently of he general result so that smaller schools will know how they stand against each other.

Knox College, Galesburg, has entered the following:

John Campbell, unassigned; Bob Feldman, one-mile relay, spring medley; Cliff eller, one-mile relay, sprint medley, 70-yard high and low hurdles, high jump; Maurice oopwood, one-mile relay, sprint medley, quarter-mile run; Claude Olmstead, one-mile elay, sprint medley; Rus Petrick, one-mile relay, sprint medley, quarter-mile run; an Roberts, one-mile relay, sprint medley, 70-yard dash; Jack Rule, sprint medley; and uckie Swise, one-mile relay, sprint medley, 70-yard dash.

Monmouth College, Monmouth, has entered the following:

Leslie Armstrong, one-mile relay; William Barbour, one-mile relay; Currie, one-ile relay, half-mile; Donald Green, one-mile relay, one-mile run; Robert Rawson, igh jump.

The lightening-fast clay track and the huge arena of University of Chicago's ieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. aturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a atural climax to the Midwestern indoor track season. Two weeks ago the Big Six Confer nce championships were run. Last week-end both the Big Ten meet at Purdue and the Cen ral Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illi ois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's hampions in the university and college divisions respectively, will be on hand to ttempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, ichigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton ollege, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illi ois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas tate Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange unior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola Uni ersity, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State ollege, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Ill nois; Morton Junior College, Cicero, Illinois, North Central College, Naperville, Ill nois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern Univer ity, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; niversity of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, efferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; estern State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois; nd Wilson Junior College, Chicago.

Western Illinois Teachers College, Macomb, has entered the following:

Alphonse Anders, 70-yard dash, quarter-mile run; Elden Atwood, high jump; Harold Bowen, 70-yard low and high hurdles; Ronald Cook, 70-yard low and high hurdles; Ted Ford, 70-yard dash; Jack Harn, shot put; Jim Lewis, 70-yard low and high hurdles; Andrew Peterson, 70-yard dash; Alfred Rush, high jump.

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FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CENTRAL ILLINOIS ATHLETES COMPETE
IN 13TH ANNUAL ILLINOIS TECH RELAYS
IN CHICAGO, MARCH 15, 3:30-10 P.M.

FOR IMMEDIATE RELEASE

Chicago, Illinois.--Sixty-four central Illinois athletes, the cream of sectional competition in that area, will be among 450 members of approximately 40 track teams from universities and colleges of eight midwestern states who will strive for glory in the 13th annual renewal of the Illinois Tech Relay Games here Saturday.

Elmhurst College, Elmhurst, entering twelve men, North Central College, Naperville, entering twenty-three men, Wheaton College, Wheaton, entering twelve men, and Northern Illinois State Teachers College, Dekalb, entering seventeen men, are expected to be leading contenders.

Two grades of competition are expected to be on exhibition. The universities, heavy with stars, whose names have been made in national meets, and the colleges, in many cases with men who could step out in any company, will be grouped separately. The four central Illinois sectional entrants will be in the second bracket.

Some events will be open to university and college teams. They are: the 880, the mile, and all field competitions.

In these open events point totals for colleges will be counted independently of the general result so that smaller schools will know how they stand against each other.

Elmhurst College, Elmhurst, has entered the following:

Donald Auten, one-mile relay, sprint medley, 70-yard dash; Ted Braun, high jump; Robert Clevenger, sprint medley, 70-yard low hurdles; Earl Gerfen, one-mile relay, sprint medley, 70-yard d ash; Ralph Jans, sprint medley; Werner Lueckhoff, one-mile relay, sprint medley, 70-yard dash; Ted Mauch, one-mile relay, sprint medley, 70-yard dash; Gilbert McKinley, sprint medley, 70-yard high hurdles; Barnhard Schierhorn, unassigned; James Simonson, shot put; Howard Varney, one-mile relay, sprint medley, quarter-mile run; George Winkley, 70-yard high hurdles.

The lightening-fast clay track and the huge arena of University of Chicago's ieldhouse will be the scene of the Games. The first event is scheduled for 3:30 P.M. aturday and the last for 9:50 o'clock that evening.

Special color is lent to this year's Games by the fact that they will come as a atural climax to the midwestern indoor track season. Two weeks ago the Big Six Confer nce championships were run. Last week-end both the Big Ten meet at Purdue and the Cen ral Collegiate meet at Notre Dame were reeled off. Echoes of the University of Illi ois relays a month ago are still being heard.

Marquette University of Milwaukee and Michigan Normal of Ypsilanti, last year's hampions in the university and college divisions respectively, will be on hand to ttempt repetitions of their triumphs.

They will receive competition from Central State Teachers College, Mt. Pleasant, ichigan; Chicago Teachers College; Coe College, Cedar Rapids, Iowa; Culver-Stockton ollege, Canton, Missouri; Drake University; Elmhurst College, Elmhurst, Illinois; Illi ois Institute of Technology; Iowa State Teachers College, Cedar Rapids, Iowa; Kansas tate Teachers College, Manhattan, Kansas; Knox College, Galesburg, Illinois; LaGrange unior College, LaGrange, Illinois; Lawrence College, Appleton, Wisconsin; Loyola Uni ersity, Chicago; Maine Township Junior College, Desplaines, Illinois; Michigan State ollege, Lansing, Michigan; Milwaukee Teachers College; Monmouth College, Monmouth, Ill nois; Morton Junior College, Cicero, Illinois, North Central College, Naperville, Ill nois; Northern Illinois State Teachers College, DeKalb, Illinois; Northwestern Univer ity, Evanston, Illinois; University of Chicago; University of Dubuque, Dubuque, Iowa; niversity of Illinois; University of Nebraska, Lincoln, Nebraska; Lincoln University, efferson City, Missouri; Western Illinois State Teachers College, Macomb, Illinois; estern State Teachers College, Kalamazoo, Michigan; Wheaton College, Wheaton, Illinois; nd Wilson Junior College, Chicago.

North Central College, Naperville, has entered the following:

Arlen, one-mile relay, two-mile relay, sprint medley; Bates, high jump; Beams, 70-yard low and high hurdles; Dailey, 70-yard low and high hurdles; Divine, two-mile relay, one-mile run, half-mile run; Houden, 70-yard dash; Huke, 70-yard low and high hurdles; Lester, one-mile relay, two-mile relay; Mazza, pole vault; McLean, 70-yard dash; Morrison, pole vault; Preston, Pole vault; Riebel, one-mile relay, two-mile relay sprint medley, quarter-mile run; Russell, high jump; Schendel, one-mile relay, two-mile relay, sprint medley, one-mile run, half-mile run; Schmidt, shot put; Schmitz, two-mile relay, one-mile run, half-mile run; Shatzer, high jump; Smith, -two-mile relay Spenser, shot put; Stanger, one-mile relay, sprint medley; Stark, one-mile relay, sprint medley, 70-yard high and low hurdles; Stone, one-mile relay, sprint medley, 70-yard dash

Wheaton College, Wheaton, has entered the following:

Gordon Clauson, two-mile relay; Dayton Cooper, two-mile relay; John Cottone, sprint medley, 70-yard dash; Carl DeVries, 70-yard low and high hurdles; one-mile relay Wally Grigg, two-mile relay; Tom Harris, two-mile relay; Scott Kerr, one-mile relay; Jimmy McCarrell, one-mile relay, sprint medley; Don Patterson, two-mile relay; Ray Scott, one-mile relay; Duncan Stewart, one-mile relay, sprint medley; Chet Wulff, one-mile relay and sprint medley.

Northern Illinois State Teachers College, Dekalb, has entered the following:

Leonard Alms, sprint medley, 70-yard dash; Russell Bauman, 70-yard high hurdles and high jump; Charles Behan, shot put; William Clanton, one-mile relay; Eldridge Davis, sprint medley; George Dakan, pole vault; John Farney, sprint medley, two-mile relay; Edward Gerhardt, two-mile relay, one-mile run; Richard Hazelton, 70-yard low hurdles; Joe Heaton, one-mile relay, two-mile relay; Thaddeus Kavalek, shot put; Henry Knell, shot put; Warren McKinstry, pole vault; McMillian, 70-yard low and high hurdles; Tarver Perkins, two-mile relay, one-mile run; Don Riley, one-mile relay, sprint medley; William Terwilliger, one-mile relay, 70-yard dash, quarter-mile run.

- JGM -

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SWIMMING - BELOIT AT ILLINOIS TECH
BARTLETT POOL, U. OF C., 3/14 - 4:30 P.M.
DE PAUW AT TECH - 3/15 - 7:30 P.M.

RELEASE: FOR FRIDAY, 3/14/41

The Illinois Tech Swimming Team will wind up its present season this coming week nd with dual meets on Friday, March 14th, against Beloit, and Saturday against DePauw niversity of Greencastle, Indiana.

Both contests will be staged in Bartlett Pool on the University of Chicago cam- us; Friday's encounter is scheduled for 4:30 P.M. while the DePauw tilt is to be run ff at 7:30 in the evening, when the Illinois Tech Relays will be in full swing.

As yet, the Techawks have not beaten either team in previous meetings this year ut are confident of a victory over Beloit.

About the middle of January the Techawk squad of SIX men traveled to Beloit. The remainder of the team was ill). The outcome was disastrous. However, the Engi- eers managed to win both of the relays which accounted for two-thirds of their total core. Adding insult to injury, Beloit's ace freestyler, Morton, proceeded to shatter two pool records in the 40 and the 100 yd. freestyle events.

In the pending Beloit meet, the freestyle events have been all but conceded to Beloit. Extremely close decisions are expected in both the back and breast stroke events between Beloit's Michael and Tech's leading scorer, Earle Huxhold. Karl Koos, ill for more than half of the season, should be in top form to touch out Oldendorf of Beloit in the 100 yd. breast stroke.

Much of Tech's success in the past season has been due to a fine diving pair consisting of John Trejay and William Condon. They have alternated in placing one-two in almost every meet in which they have participated. And if any one factor is responsible for the Engineers being on the profit side of the ledger, it is because of remarkably consistent relay teams.

- EHC -

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH RELAYS GAME
FORMERLY ARMOUR TECH RELAYS
U OF C FIELD HOUSE, 3/15/41

RELEASE: FOR WEDNESDAY, 3/12/41

Beset by injuries suffered over a week-end of stiff competition, two of the more prominent teams entered in the thirteenth annual Illinois Tech Relay Games, will be sorely handicapped in their battle for university division championships.

When the Games get underway Saturday afternoon, March 15th., 1941, at 3:30 o'clock, Northwestern University of Evanston and Marquette of Milwaukee will be minus the services of their more brilliant performers. Northwestern University has lost Myron Piker for at least two weeks, while Marquette will be minus the services of Art Schwope as well as Walter Shelton, dash man.

Myron Piker, known as the undefeated dash champion of the Big Ten for two years met his first defeat Saturday night at Lafayette at the hands of Franck of Minnesota. According to Wildcat Coach Frank Hill, Myron will be out of competition for at least two weeks recovering from this injury which caused his defeat. This will be the second time that Piker has been unable to compete in the Tech Games because of a similar injury.

Walter Shelton, co-record-holder of the 70-yard dash event won his laurels in the 1938 meet, but will not compete in the 1941 Games. The loss is keenly felt by the Marquette Coach in view of the fact that Shelton has been one of the most consistent point-scorers for the Milwaukee contingent. According to Buster Shimek, Marquette mentor, Shelton withdrew from track competition because of outside work.

The other Marquette casualty is Art Schwope, hurdler and high-point-man of the squad. He was injured at the Notre Dame dual meet a week ago and is not expected to recover in time to enter Saturday night's competition.

Accordingly, it appears evident that the field is left entirely clear for the 1940 defending champion who travels a good 1000 miles from Nebraska to make the meet. He is little, red headed "Gene" Littler, spectacular dark-horse of the 1940 Games of

ebraska University and famed "Biff" Jones tutelage.

Stiffest competition for the red head will probably come from an unknown Howard illen of Marquette who takes Walter Shelton's place. He trailed Carter of Pitt to a econd in the CIC in the 60 yard event. Whether he has enough stamina to travel the 70 yard event at top speed will remain to be seen although Marquette's Coach indicates that the youngster has definite possibilities.

In winning the 1940 70-yard dash, Littler demonstrated not only his remarkable speed, but also the remarkable stamina that carries him to exceptionally good times in the 440-yard event. Most meets have 60-yard dash events. In lasting out the extra 10 yards of the Tech 70-yard event, Littler conclusively demonstrated his exceptional talents by tieing the existing relay record of 7.1 seconds for this event. In so doing he defeated famed Walter Shelton of Marquette, also a co-record-holder for this event and Chicago's highly-touted John Davenport.

The record for the 70-yard dash was first established in 1933 by a small-college entrant, Johnson of Illinois Normal. The record was tied for the first time in 1934 by Herman of Carleton, Northfield, Minnesota, and again tied in 1936 and 1939 by Grieve of Illinois and Shelton of Marquette respectively. Littler tied the record for the fifth time in 1940.

The red-headed youngster from Nebraska comes to his fame by dint of pure hard work. He is not only rated as the country's number-one dashman, but is also considered one of the best quarter-milers coming out of the west. His best time for the 440 is 47.3 seconds - 1.1 seconds faster than the existing record time for this event established in 1939 by North Central's (Naperville) Wagner.

Littler won the 440 of the Tech Games in 1940, but he was not pushed to a record time in this event because competition was not stiff enough to warrant a better time than 51 seconds flat. By virtue of this victory, he is the only athlete in the university division defending two titles.

Besides being the Big Six indoor dash champion for two seasons, and the Big Six outdoor champion for one season in the dash events, Littler also holds the quarter-mile records for the Sugar Bowl and the Cotton Carnival.

Competition in the 440, however, is not going to be so easy this year for the westerner. Place-winners of the Big Ten meet at Lafayette and the Central Intercollegiate, each with times of 51 seconds or better, will be pushing him for honors.

The first of these is veteran Milwaukean, Don Vosberg who trailed Roy of Notre Dame to a second in the CIC last week-end. Vosberg is noted for his stamina and does the quarter in 51 seconds easily. Another CIC place winner who will be in the running, battling Vosberg more than littler, will be Dale Kaulitz of Michigan State. He is also rated in the 440 at an easy 51 seconds. Others are Don Bailey of Illinois and Jerry Schneider of Northwestern University.

While the dash and quarter-mile events in the university division seem to be all "Gene" Littler, the college division events are more problematical, with two former defending champions as possible winners.

Lewis Taylor and Evans Walker, both Chicago negro lads who have made names for themselves in Tech Games in former years are expected to return for the 1941 Games. Each has won the college division 70-yard dash college division crown. Walker, formerly of Wright and now of Loyola, won this event in 1939 with a time of 7.2 seconds, 1 second less than the existing record time. Taylor of Wilson won the event in 1940 with the same time - 7.2 seconds.

With these two dusky lads pitted against each other, it is highly probable that even a sixth co-record-holder for the 70-yard dash crown will be created. Barring the possibility, of course, that "Red" Littler gets pushed to an entirely new record in thi event in order to take home first honors in the university division.

In the college 440-yard event a new name looms on the horizon as a possible winner He is Robert Osborne of Illinois Tech, a freshman who has been developing rapidly. In dual engagements between Tech and midwestern colleges, Osborne has been a consistent

uarter-mile winner in times bettering 53 seconds. He is expected to give such athletes as Ter-illiger of Northern Illinois Teachers, Kerwin of Western Michigan, and Clark of Michigan Normal, the favorites, stiff competition.

AS

OM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: FIELD EVENT STARS COMPETING IN ILLINOIS
TECH RELAY GAMES, SATURDAY, 3/15/41
3:30 - 10:00 P.M.

RELEASE: FOR THURSDAY, MARCH 13, 1941

Converging on Chicago from all parts of eight midwestern states, trailing records ike banners in their wakes, are small armies of that special breed of track championhip crowd-pleasers, the field events performers.

They are all hell-bent for glory and heading for the same encampment, the Univerity of Chicago's Fieldhouse, headquarters for 525 athletes Saturday afternoon and eveing when the 13th annual Illinois Tech Relay Games will be held.

Big-muscled boys who have been watching each other through a frenzied indoor eason of shot-put records in danger, lithe-limbed pole vaulters who have been seeking he stratosphere from meet to meet, high jumpers as skittish as dancing girls -- all f them will be together in one fieldhouse at last.

All field events, as well as the 880-yard run and the mile, will be open to entrants from great universities and colleges and junior colleges from the cornfed communities.

This arrangement is made in order that competitors from small schools can tell how they stack up with university stars they only read about but never see, except in the Illinois Tech Relay Games. Points for colleges will be counted independently of the general result.

All field events will take place during the evening session of the Games, the afternoon being given over to preliminaries of the dashes, hurdle events, and the college two-mile relay, which is a final event.

The pole-vault field at first glance looks as if it will be among the two most interesting event competitions of the entire Games, the hurdles being the other.

Williams of Wisconsin, who did 13 feet, 10½ inches, to win last Saturday's Big Ten meet, will be out to gain an undisputed first in this same event he shared with Hunt of Nebraska in the 1940 Tech classic. His mark last year was 13 feet, 9 inches.

The record for all-time Tech Games tries is 13 feet, 11 and one-eighth inches, done by Ed Thistlethwaite, Northwestern, in 1939. The Wildcat Ace, placing third last year, will be back to boost his ante in the direction of his record achievement. Thistlethwaite has been doing in the neighborhood of 13 feet of late but has been known to be brilliant when least expected.

Stein of Michigan Normal, last year's college division champions, who does over 13 feet easily, won a third place at Notre Dame last Saturday. He will probably be head man in the colllege points group again and may be second to Williams in the general scoring.

Wonch of Michigan State, who does in the vicinity of 12 feet, 8 inches, Gelhar of Marquette, who does the same, and White of North Central, who has hit 12 feet, 9 inches, will be very much in the running to show in this event.

Husky George Paskvan, a perrenial favorite of audiences, who won this year's Big Ten shot put, did 49 feet, 8 inches for a second place in last year's Tech Games. Hackney of Kansas State, who beat him, will not return this year.

Ed Rosensweig of last year's Michigan Normal college division champions, will be back this year, trying for something better than the third place he copped at Notre Dame Saturday when the Central Collegiate meet was run off. Hugh Rendleman, of the University of Chicago, taking fifth in the recent Big Ten meet, can expect to excel the 46 feet, 3¼ inches he did at Purdue.

The college points scramble will perhaps be between Vince Jones of Lawrence College, Appleton, Wisconsin, Behan of Northern Illinois State Teachers, Vaughn of Iowa State Teachers and Kawalik, a teammate of Behan's. Feiweger, of Lawrence College, a versatile performer, may be in the money.

The Smiths, mighty men are they, both of Northwestern, are expected to dominate the high jumping at University of Chicago Fieldhouse. James Smith, defending champion in this event, has done 6 feet, 4 inches but seems to knock the bar off at anything over 6 feet, 1 inch these days. Don Smith, who can always be counted on to make

matters interesting for sport copy-deskman, tied him at 6 feet, 1 and 3/4 inches at the Big Ten meet. That gave them third place.

Another Big Ten luminary, who tied with the Smiths in their Big Ten third place, is Jim Ray of the University of Chicago. He will be present on his home grounds Saturday trying to better his habitual 6 feet, 1 and 3/4 inches.

A Drake entrant, Wyman, took third at Notre Dame Saturday with 6 feet, 1 inch. Kiely of Loyola, Fieweger of Lawrence, Vernik of Coe, Eckenwood of Milwaukee Teachers and Orwig of Lawrence will undoubtedly head off the rest of the college points competition.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH RELAY GAMES
FORMERLY ARMOUR TECH RELAYS
U. OF C. FIELD HOUSE 3/15/41

RELEASE: FOR FRIDAY, 3/14/41

Perhaps most spectacular of events staged in any track and field meet are the mile run and the 880-yard run. For here the contestant must have a thorough knowledge of the science, conserve his energy, run a precisely-paced race until the final stretch to come home the winner.

And in the thirteenth annual renewal of Chicago's classic Illinois Tech Relay Games, formerly known as the Armour Tech Relays, plenty of competition will be in evidence in these two events. The Games will be held this Saturday afternoon and evening, March 15th., 1941. Preliminary events, not including the 880 and mile runs, will begin at 3:30 o'clock in the afternoon with final events beginning at 7 o'clock in the evenin

And at the same time, paired with talent in the open events of championship caliber, will be several college and university entrants in the hurdle events. These in combination hold the greatest promise of record-breaking performances.

Chief among contenders for the crown in the 880-yard run as well as in the one-mile run is the University of Illinois entrant, Park Brown. He is a senior of Glencoe, Illinois, and one of the best distance men the Illini have been able to send to the Games for some time. Brown ran an especially good race in the 880 against veteran Campbell Kane of Indiana last Saturday to take second place at the Big Ten meet. Kane's time of 1:54.8 was 7-tenths of a second faster than the existing record time for this event established at 1:55.5 by Marquette's Beckett in the 1936 Tech Games.

Brown will be after the crown won last year by Jerome Bauer of Wisconsin and will have competition from Ray Randall of the University of Chicago, fifth-place winner of this event in the Big Ten meet at Lafayette, and Lorence Stout of the University of Illinois.

In the one mile run, the picture is somewhat changed, with the Badger State making the strongest bid for first place honors. The University of Wisconsin, with Howard Schoenike entered as the leading mile contender, will be battling for the first of

many places they are expected to take towards winning the university division championships. Park Brown of Illinois and Ray Randall of Chicago, favored as runners-up, will be battling with Marquette University's Dick Wickersham for places.

The greatest upset of Big Ten hopes, however, may come in this, the most gruelli of all track events scheduled. While it seems highly improbable that any of the contestants from the University of Wisconsin, Illinois or Chicago could possibly set a pace that would break "Chuck" Fenske's 4:08.9 record time established in 1938, a small-college entry from Michigan State Normal may carry away first place honors should he compete. The Huron's name is Quinn, and, although Michigan Normal has entered a full team to defend its college division championship won last year, definite information as to Thomas Quinn's entry in the one-mile run has not as yet been received. His time of 4 minutes, 16.5 seconds for the mile run, winning time for this event in the Central Intercollegiate meet held at Notre Dame last Saturday, seems to be better than anything entries from the Big Ten have to offer in the way of competition.

In the hurdle events, the most promising of the entrants come from Northwestern University. In these events, the 70-yard low and high hurdles, the Wildcats boast an American College Indoor low-hurdle record-breaker in the person of Charles Horvath. And in the person of Joe Finch, the Wildcats have a two-time high hurdle defending champion. In these events the fieldhouse as well as the Tech Games records are held by former stars from Purdue, Kansas State and Wayne University, with a time of 7.6 seconds in the case of the low hurdles, and 8.6 seconds by Edward Smith of Wisconsin in the highs.

The hurdles crowns, however, are not going to be awarded with only a small flurry of "hop, skip, and jump". For in the high hurdles, Horvath will have plenty of competition from his teammate Joe Finch, from George Foster of Marquette, and Arthur Egbert of Marquette. Finch, it will be recalled, placed behind the highly-touted Horvath at the Big Ten meet in this event, one in which Bob Wright of Ohio State set a new American indoor record. According to consistent results, however, the high hurdles are a

favorite of defending champion Joe Finch and it is a known fact that Chuck Horvath generally trails the former in this event.

With competition such as this to reckon with, and with Foster and Egbert of Marquette, the latter a place winner in the CIC and the former a place winner in the 1940 Games, it is highly probable that one or the other of the Northwestern lads may be pushed to a new record in the 70-yard high hurdles.

In the low hurdles, on the other hand, Charles Horvath seems to have a clear field with the withdrawal of Don Olsen of Illinois from the Games. Olsen, originally scheduled to run both hurdle events in the Tech Games, has been withdrawn by Coach L. G. Johnson of the Illini.

Charles Horvath comes to the Games in the "best condition of his hurdling career' according to Wildcat Coach Frank Hill. In qualifying for the low hurdles event at Lafayette last Saturday, it will be remembered that Horvath breezed the distance in 8 seconds flat to establish a new American indoor record for this event, even though Olsen in the finals upset this new-set record in order to place first.

In the college division, competition will be equally keen, with times closely approximating those of the university division. Entered are such consistent low hurdlers as Robert Keyes of Iowa Teachers, who ran second in the recently-held Midwest meet at Naperville. Also entered are Everrette Stoutner of Coe and North Central's Paul Stark.

In the high hurdle event a quartet of entries from the middle west will be renewing their efforts towards the college crown. James Fieweger of Lawrence College is the most probable winner by virtue of his best time in the Midwest 60-yard event. Should he be able to continue his fast pace for the extra 10 yards, he should win "pulled-up" over his teammate James Orwig, Don Sommerfield of Michigan Normal, who placed 4th in the CIC meet, and Robert Keyes of Iowa Teachers.

In the college division hurdle events, it is still problematical as to whether the defending champion will return to defend his crown. He is Charles Hlad of Michigan Normal, who won both events "pulled-up" during the 1940 meet, and who has been beating even the best of competitors throughout the State of Michigan since this time last year. His most recent accomplishment is a 7.6 time for the high hurdles, 60-yard distance, in the Central Intercollegiate meet held at Notre Dame last week-end. Should he enter the Tech meet, just as much of a scramble for places will be created as with the delayed entry of Quinn in the one-mile run.

As the entries for the Games closed last night, a field of 550 athletes coming from 40 colleges and universities was assured for the Saturday classic, according to John J. Schommer, chairman of the committee in charge of the Games.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: MUSICAL CLUB CONCERT - GOODMAN THEATER
FRIDAY, 3/14/41 - 8:30 P.M.

FOR IMMEDIATE RELEASE

The first annual concert of the combined musical clubs of Illinois Institute of Technology will be presented at the Goodman Theater Friday, March 14th, at 8:30 P.M.

That the clubs will play to a capacity crowd is affirmed by the fact that advance ticket sales have been overwhelmingly greater than anticipated and it is expected that every available seat will be occupied when the curtain goes up.

Prior to the merger of Armour Institute of Technology and Lewis Institute, Armour Institute of Technology musical clubs presented a similar annual concert.

As it has been for the past five years, the concert will be under the able direction of O. Gordon Erickson, composer and coach of the Illinois Tech Men's Glee Club and Orchestra. This year he will complement his organization with the Lewis Girls' Glee Club.

The concert will be distinctive for unusual visual charm as well as for that of a musical nature. For a number of years one of Mr. Erickson's chief studies and hobbies has been the use of light and color to interpret and enhance the beauty of music. That certain colors or combinations of colors are synonymous with certain pieces of music is a recognized fact. Light, scintillating dances; beautiful, soulful spirituals; stately marches and even the "purest" of music; all create colorful pictures, however vague or unreal, in the mind of the listener.

Despite the fact that musicians as far back as Beethoven recognized the important connection between music and color, no outstanding experimentation has been done along this line. Walt Disney's "Fantasia" is an exception to this statement inasmuch as the listener, and watcher, receives a definite and breath-taking picture through the combined medium of music, color and animation.

Mr. Erickson has made an intensive study of music and color and, an electrician of no mean caliber, he is well able to execute his ideas. Friday night the extensive

and modern lighting system of the Goodman Theater and the fresh full-hearted music of young men and women will combine under the skillful direction of the Institute's genial musical director to give the listener a unique and unforgetable experience.

Soloists on the presentation will include Robert Mead, a senior chemical engineer who will be a tenor soloist; Robert Hemman, a junior electrical engineer, who will be a baritone soloist; Gus Mustakas, a senior chemical engineer, who will be a violin soloist; and Roy Hrubes, who will be trombone soloist.

- ED -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: 13TH ANNUAL ILLINOIS TECH RELAY GAMES
AT UNIVERSITY OF CHICAGO FIELDHOUSE,
SATURDAY, MARCH 15, 1941; 3:30-10 P.M.

FOR RELEASE: SATURDAY, MARCH 15, 1941

A parade of big names from the Big Ten, Big Six, Central Intercollegiate Conference, Little Nineteen and of ambitious favorites from smaller universities and colleges scattered over nine midwestern states will be off with the starter's gun Saturday (tomorrow) afternoon and evening when the Illinois Tech Relay Games take over University of Chicago fieldhouse.

Late entries have brought the total of contestants to 550 athletes from 40 institutions in Illinois, Wisconsin, Minnesota, Michigan, Iowa, South Dakota, Missouri, Kansas and Nebraska. Two types of competition, university and college, will take place in all events except the half-mile and mile runs and the field events, which will be open.

The Games, 13th annual classic of the south-side school and known until this year as the Armour Tech Relays, will be the climax of the midwestern indoor season and a number of records should be broken on the basis of performances of individual competitors during the current season.

Typical of the color-element that attaches to each running of the Games is a late team entry, that of Western Illinois State Teachers College, Macomb, headed by no less that Alphonse "Flip" Anders, Negro athlete, who as a Moline, Illinois high school boy ran the 100-yard dash in 9.8 and entered the University of Illinois in 1939 hailed as a second Jessie Owens.

Now a sophomore at the Normal school, having withdrawn from the University of Illinois after a football and track career filled with broken-records and vicissitudes, Anders will be making his first indoor appearance since leaving the Illini and has announced he is on his way to a comeback. He will be entered in the college division 70-yard dash and 440-yard run.

Defending champion in the 70-yard dash, college division, will be Lewis Taylor, Negro, of Wilson Junior College, rated one of the best dash men at this distance in the country. He has done it in 7.2.

In the university division, with Marquette University, last year's Games university division champion, withdrawing Walter Shelton, and with Northwestern University removing Myron Piker because of injuries, the 70-yard dash field is topped by Eugene "Red" Littler of the University of Nebraska.

Last year he took firsts in both the 440-yard run and 70-yard dash, with times of 51.0 and 7.1 seconds respectively. Howard Millen of Marquette, a new Games contestant, took second in the 70-yard dash at Notre Dame's Central Collegiate last week, and might be a threat to Littler. Don Vosberg of Marquette in the 440-yard run, should be heard from.

Big Ten champions, newly-crowned last week, will be present to strut their stuff. Bill Williams, University of Wisconsin pole vaulter, who did 13 feet, 10½ inches at Purdue Saturday, and George Paskvan, shotputter of the Badgers, who made 49 feet, 8 inches to win the same d ay, will be on tap.

Thistlethwaite of Northwestern, who took fifth in the Big Ten meet with 11 and 1/8 inches less than his 1939 Games standing vaulting record of 13 feet, 11 and 1/8 inches, Jim and Don Smith of Northwestern, who tied there for third in the high jump, and Captain Jim Ray of Chicago, also tieing for third in the same event, are expected to be at their bests for the season.

The story of the high and low hurdles at the distance of 70-yards will probably, at least in the university division, be the story of how two Northwestern University entrants perform. One of them, Charlie Horvath, who took a third place in the Big Ten highs, and a fourth in the lows, in the same meet, will probably find his chief opposition from Joe Finch, who took a fourth in the Big Ten highs and who last year did :08.7 to win the Tech Games highs.

The college division of the high and low hurdles will bring Jim Fieweger and Jim Orwig of Lawrence College, Appleton, Wisconsin, down the lanes against Don Sommer-

field of Michigan State Normal College, who took a fourth place at the recent Central Collegiate meet.

Art Egbert of Marquette, Clyde Hale of the University of Illinois, Bob Cobb of Drake University and Ed Darden of Kansas State may break into the point columns in the university section of the hurdles. Bob Keyes of Iowa Teachers and Art Lancaster of Loyola University, both of whom are capable of better-than-good performances on occasions, must be watched in the college section of the same.

The college section of the Games habitually provides upsets and there seems little likelihood this year the Michigan State Normal, last year's winner, will repeat. The showing of Robert Osborne, sophomore from Illinois Institute of Technology, in the 70-yard dash and the quarter-mile run, is expected to provide the dark-horse fillip of the meet.

Of the small colleges in the Chicago area North Central of Naperville, entering twenty-three men, seems to have a well-balanced squad. Lyn Schendel in the 880-yard run and the mile will probably be among those close to the tape as it breaks. Bill Terwilliger of Northern Illinois State Teachers College, Dekalb, who took a first in the quarter-mile last year, will try hard to repeat.

The university 880-yard run is one of the enigmas of the Games with Park Brown of Illinois, who took a second place in the Big Ten meet, the likliest contestant. Ray Randall of Chicago, taking a fifth in the Big Ten showup, and Lorence Stout of Illinois may figure in this event.

In the shot put, pole vault, high jump, 880-yard and mile runs, all open events, points made by colleges will be counted separately from the general scoring, allowing the small schools to grade their respective efforts.

The device will allow good college shotputters such as Vince Jones of Lawrence College, Appleton, and Ed Rosensweig of Michigan Normal to fight it out for divisional honors. The latter took a third place in the Central Collegiate meet at Notre Dame recently.

George Kiely of Loyola University, who should since winning the Midwest invitational meet at North Central College, Naperville, a few weeks back, be among top men in college points for the high jump, may have serious competition from Jim Fieweger of Lawrence College, Appleton, Fred Verink of Coe College, and Jim Orwig of Lawrence College.

Entered in the university division are: Marquette University (defending champion), University of Wisconsin, University of Illinois, University of Chicago, University of Nebraska, Northwestern University, Drake University, Michigan State, Kansas State, and Wayne University of Detroit.

In the college division are:

Illinois Institute of Technology, Wright Junior College, Wilson Junior College, LaGrange Junior College, Morton Junior College, Chicago Teachers College, Loyola University, Main Township Junior College, North Park College, Wheaton College, Elmhurst College, Carleton College, Central State Teachers College (Mt. Pleasant, Mich.), Coe College, Culver-Stockton College, Iowa State Teachers College, Knox College, Lawrence College, Lincoln University (Jefferson City, Mo.), Michigan State Normal College (defending champion), Milwaukee Teachers College, Monmouth College, North Central College, Northern Illinois State Teachers College, University of Dubuque, Western Illinois Teachers College, Western State Teachers College (Kalamazoo, Mich.), Winona Teachers College and Yankton College (Yankton, South Dakota.)

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SPRING QUARTER REGISTRATION AT LEWIS
INSTITUTE DIVISION FOR NEW STUDENTS
MARCH 24-29, 1941; NEW COURSES

FOR IMMEDIATE RELEASE

Registration of new students for the Spring quarter at Lewis Institute division of Illinois Institute of Technology will take place Monday, March 24th through Saturday, March 29th, according to C. L. Clarke, Northfield, Illinois, Dean.

Registration of old students has been under way since March 12th, with indication that the day school, meeting on a quarterly basis, unlike the evening school of Lewis and Armour College divisions and the day school of the latter which meet on the semester basis, will maintain the record-setting enrollment of some 500 students gained last September.

The current or Winter quarter, which began January 2, ended Friday, March 21. Spring vacation extends through this week and the Spring quarter begins Monday, March 31.

A total of eighty-odd courses will make up the curricula for the new quarter, excluding many others of a training type and in the extra-curricular category.

Among new courses offered will be "The Economics of War Preparation" by Professor V. B. Chamberlin, 316 Taylor Avenue, Glen Ellyn, assistant professor of economics, which will cover problems involved in changing a national economy to a war-defense basis and back again to a peace basis.

Man power, capital goods, raw materials, priorities, foreign trade, finance, prices and public works in light of the nation's present national emergency will be considered.

Publications of the Brookings Institute, concerned with fundamental economic issues in national defense and wartime control of prices, together with the joint Army and Navy volume on M-day, "Industrial Mobilization Plan of 1939", will be studied.

A lecture laboratory course for the student who owns a camera but has had no training in its use will be called "Elements of Photography". The course includes construction and use of a pin-hole camera, the simple physics and chemistry of photography and sufficient practice that a student may take, develop, print and enlarge pictures. It will be offered by M. Alden Countryman, 641 North Stone Avenue, LaGrange, assistant professor of physics.

"A Third Course in Chemistry", an advanced study, will be offered by William R. McMillan, 224 South 20th Avenue, Maywood, graduate scholar in chemistry.

Final warning that Monday, March 31, would be matriculation day for cooperative courses in business and industrial management, was sounded by Miss Kathryn Judkins, 1260 North Dearborn Street, coordinator.

An innovation in the preparation of students for top positions in the business and industrial world, the cooperative courses are taught at the Lewis division of the Institute. Modeled on the widely-hailed five year cooperative course in mechanical engineering taught at Armour College division since 1936, the new cooperative courses had their first enrollment on February 3.

At that time eighteen students enrolled for a five-year course giving a bachelor of science degree in business and industrial management. As a part of their study-and-work plan, they will leave classrooms Monday, having spent eight weeks studying, for another eight-week period in the business world. This alternation will take place through forty-eight weeks each year of five.

Those matriculating Monday will take the places of the business-bound group. This type of study derives its name from the term "cooperative" as applied to the numerous business and commercial firms assisting the Institute by hiring enrollees and paying them prevailing wages.

A striking feature of the cooperative plan is the ability of students to pay their way through school, taking care of incidental expenses and of their general expenses during the periods they return to classrooms.

At present, women cooperative students are very much in demand by firms, according to Miss Judkins.

"The national emergency period has made it necessary that firms make plans to replace men leaving for military training and other government-created occupations by training intelligent and efficient women to fill exacting capacities," she said.

"Naturally, knowing of our cooperative plan, businessmen seek to engage our students because they feel we are enrolling only those who are business careerists in the best sense of that term."

- JGM -

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: BASKETBALL TEAM ELECTS CAPTAIN FOR 1941-42; LETTERS AWARDED; SLIWA, BRIERLEY FINISH SPAN

FOR IMMEDIATE RELEASE

Howard "Duck" Pendlebury, 5853 South Rockwell Street, has been elected captain for the 1941-42 basketball season, it was announced today by Coach Robert E. Meyer of Illinois Tech.

A graduate of Lindblom High School, Pendlebury was basketball captain there as a senior. He is a junior in electrical engineering at the Institute. Enrolled at Valparaiso University, Valparaiso, Indiana, as a freshman and sophomore, he transferred to the Institute last autumn.

Pendlebury's seasonal scoring total of 101 points was amassed after a scoring spree of 62 points in his last five games, giving him second place in individual standings on the team. A leader in many student activities, he is also a high-ranking scholar.

Jack Byrne, 6710 Lakewood Avenue, sophomore, upon whom Coach Meyer is pinning hopes for next season, led in scoring with 104 points. In his first season as coach, Meyer's charges won six and lost ten of their regular games, winning two and dropping one practice tilts.

With a stiff schedule shaping up for next year, the Techawks will lose only two men. Captain Henry Sliwa, 3107 West Pershing Road, and John Brierley, 1508 Byron Street, reserve forward, will be June graduates.

Sliwa, a graduate of Kelly High School, spent his freshman year at the University of Illinois. As a sophomore, he won a Techawk varsity letter at guard, making a reputation as an accurate passer and a brilliant dribbler. In the season past he was handicapped by a knee injury and missed two games. He rated third as a team scorer on the basis of number of games played. Enrolled in chemical engineering, he is president of "Honor I", honorary athletic fraternity.

Brierley, a graduate of Lake View High School, played forward during the past two ears. His ability was marked by sensational long-shot marksmanship but erratic floor-ork kept him in reserve status. He earned a major and two minor letters and will gra-uate as a civil engineer.

Meyer, 6137 Kenwood Avenue, former University of Chicago and professional star, redicts a flood of capable replacements coming up from last season's freshman squad nd that loss of Sliwa and Brierley will be somewhat mitigated thereby.

The following have earned major letters for the past season:

Captain Henry Sliwa; John Brierley; Robert Schmidt, Aurora, Illinois; Mike Carey, 520 West 72nd Street; Wolfram Futterer, 714 Fullerton Avenue; Ray LaGodney, 1830 West 1 7th Street; Robert Neuhaus, 7043 Vernon Avenue; Howard Pendlebury; Harry Sieg, 8611 allace Avenue.

The following have earned minor letters for the past season:

Jack Newell, 4111 Ivy Street, East Chicago, Indiana; Emil Galandak, 2801 South St. Louis Street; Richard Bergstrom, 11248 Indiana Avenue; Walter Meehan, 6352 South Francisco Street; and Thomas Clark, 7117 Dobson Avenue.

A manager's letter was awarded Judson Doane, 555 South Lincoln Avenue, Aurora, Illinois.

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: MAJOR CHALRES W. LEIHY, F.A., CHICAGO, TO THE MIDWEST POWER CONFERENCE, PALMER HOUSE, THURSDAY, APRIL 10, 1941

Chicago, Illinois, March 00 -- (Special) -- One thousands guests of the Midwest ower Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, ill be addressed by Major Charles W Leihy, F.A., United States Army, Chicago.

This was announced today by Professor Stanton E. Winston, Conference Director and ssociate professor of mechanical engineering at Illinois Institute of Technology. The nstitute, together with seven cooperating universities and colleges, is sponsoring the onference for the fourth year.

Leihy, at present a resident of Chicago, was born in Portland, Oregon, receiving is B.S. in E.E. from Oregon State College at Corvallis. He will address a 12:15 P.M. uncheon jointly sponsored with the American Institute of Electrical Engineers on April 10. His subject will be "Aspects of the National Power Pool, Defensively and Afterwards

Power Production, transmission and consumption, will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference, but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Leihy, a member of Delta Kappa, Tau Beta Pi, Eta Kappa Nu and Sigma Tau, during 1926-27 was employed in the test course of the General Electric Company, Schenectady,

New York, and during 1927-28 by the same company in the alternating current design department. He was made commercial engineer in 1928 and the following year became sales engineer. The McGraw-Hill Company, New York City, employed him as an editor of Electric Light and Power in 1930.

Major Leihy is a member of the American Institute of Electrical Engineers and the Engineers Club of San Francisco. His army commission is in the field artillery reserve.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: ARTHUR W. KITTREDGE, CHIEF ENGINEER,
THE COCHRANE CORPORATION, AT MIDWEST
POWER CONFERENCE, CHICAGO

Chicago, Illinois, March 00 -- (Special) -- One thousand guests of the Midwest Power Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by Arthur E. Kittredge, chief engineer of the Cochrane Corporation, Philadelphia.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

Kittredge, born in South Portland, Maine, receiving his second education at South Portland High School, later graduating from the University of Maine at Orono, will speak on "Removal of Gases from Boiler Feedwater", April 10 at 10:45 A.M.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Kittredge, from 1923 to 1926 was assistant engineer with Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pennsylvania, and during 1926-27 was

urbine engineer for Brown Boveri Electric Company, New York City. He has been a mechanical engineer since 1926.

Noted as an inventor, Kittredge has devised a deaerating heater, a spray heater, a dome reinforcement, and air displacement acid feed and a steam trap.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600
CHICAGO, ILLINOIS

RE: SHERMAN M. WOODWARD, CHIEF WATER CONTROL PLANNING ENGINEER, TENNESSEE VALLEY AUTHORITY, AT MIDWEST POWER CONFERENCE, CHICAGO

Chicago, Illinois, March 00 -- (Special) -- One thousand guests of the Midwest Power Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by Sherman M. Woodward, chief water control planning engineer of Tennessee Valley Authority, Knoxville, Tennessee.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

Woodward, born in Minneapolis, Minnesota, received his M.S. from Washington University, St. Louis, Missouri and an M.A. from Harvard, Cambridge, Mass. He will speak at 3:45 P.M. April 9 on "The Operation of the Multi-Purpose Projects of the Tennessee Valley Authority."

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Woodward, a member of Sigma Xi, Tau Beta Pi, Sigma Tau and Triangle, in 1893 became a teacher of science at Rayen High School, Youngstown, Ohio, and two years later became professor of mathematics and physics at the University of Arizona, Tucson.

He held this position for eight years and then became professor of steam engineering at the University of Iowa, Iowa City, which he left in 1905 to become irrigation and drainage engineer of the United States Department of Agriculture at Denver, Colorado. Woodward returned to the University of Iowa in 1908 and stayed until 1934 as professor of mechanics and hydraulics.

When the $25,000,000 flood prevention project was launched in Dayton, Ohio, in 1913 he was appointed construction engineer of the Miami Conservance District.

In 1925 he became construction engineer for the Chicago Sanitary District and also president of the Iowa City Savings Bank. He held the former post until 1929 and the latter until 1931. In 1933 he was appointed Mississippi Valley Commissioner of Public Works Administration, Washington, D.C., and in the same year construction engineer of T.V.A., Knoxville, Tennessee.

Woodward is author of various government bulletins relating to hydraulics, flood control, irrigation and drainage. He is a member of the American Society of Mechanical Engineers, the Society for the Promotion of Engineering Education, and the Cosmos Club of Washington, D.C.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: ALFRED IDDLES, APPLICATION ENGINEER,
BABCOCK AND WILCOX COMPANY, NEW YORK,
AT MIDWEST POWER CONFERENCE, CHICAGO

Chicago, Illinois, March 00 -- (Special) -- One thousand guests of the Midwest ower Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, ill be addressed by Alfred Iddles, application engineer of Babcock and Wilcox Company, ew York City.

This was announced today by Professor Stanton E. Winston, Conference Director and ssociate professor of mechanical engineering at Illinois Institute of Technology. The nstitute, together with seven cooperating universities and colleges, is sponsoring the onference for the fourth year.

Iddles, a native of Casco, Michigan received his B.S. in mechanical engineering rom Michigan State College, Lansing, where he was a member of Beta Pi. His speech ill be "The User Wants to Know" and will be delivered at a 12:15 P.M. luncheon meeting sponsored jointly with the American Society of Mechanical Engineers, April 9th.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston aid.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Iddles from 1912 to 1914 was superintendent of Michigan Light Company, Jackson and Flint, Michigan, when he was appointed instructor and assistant professor of mechanical engineering, at Michigan State College where he stayed for six years. In 1916-17 he also worked as a private construction engineer.

In 1918 he served with the Chemical Warfare Service and was in charge of public utilities at Englewood, New Jersey, arsenal. The war over, he became fuel engineer for the United States Bureau of Mines, Washington, D.C.

Iddles has also served with Day and Zimmerman Engineering and Construction Company, Philadelphia, as vice-president; as construction manager of United Engineers and Constructors, Inc., Philadelphia; and Dwight P. Robinson Company, Inc., Philadelphia; and held a similar position with United Engineers and Constructors, Ltd., of Toronto, Canada.

Iddles is a fellow of the American Society of Mechanical Engineers, has been manager of the American Society of Mechanical Engineers, and is a member of Franklin Institute.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Michigan, University of Wisconsin, University of Illinois and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: A. G. CHRISTIE, JOHNS HOPKINS PROFESSOR, SPEAKS AT MIDWEST POWER CONFERENCE AT CHICAGO

Chicago, Illinois, March 00 -- (Special) -- One thousand guests of the Midwest Power Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by A. G. Christie, professor of mechanical engineering at Johns Hopkins University, Baltimore, Maryland.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

Christie, born in Manchester, Ontario, Canada, attended the School of Practical Science, University of Toronto, Toronto, Canada. He will speak on "A Resume of Present Day Power Trends", April 9th at 11:30 A.M.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Christie, coming in 1901 to the United States and working for Westinghouse Machine Company, West Pittsburgh, Pennsylvania, for three years, then became an instructor in mechanical engineering at Cornell University, Ithaca, New York, for a year,

when he joined the steam turbine department of the Allis-Chalmers Company, Milwaukee, Wisconsin.

In 1907 Christie accepted the post of mechanical engineer with the Western Canada Cement and Coal Company. In 1909 he returned to this country to become assistant associate professor of steam and gas engineering at the University of Wisconsin, Madison, where he was successively made associate professor and professor of mechanical engineering.

Since 1914 he has held that last post at Johns Hopkins University and since 1916 the post of night director in technology courses at that school. Christie practices as a consulting engineer in the United States and England, and recently was chairman of the Maryland State Board for Registration of Professional Engineers and Land Surveyors, Baltimore. A member of the American Society of Mechanical Engineers, he was manager of that organization from 1922 to 1925, vice-president from 1925-27 and in 1939 was elected president.

Christie is a member of the Society for the Promotion of Engineering Education, National District Heating Association, Sigma Xi, Tau Beta Pi, Omicron Delta Kappa, Pi Tau Sigma, Engineers' Club (New York) and the Engineers, Johns Hopkins University.

His work as an author includes the steam turbine section of Kent's Mechanical Engineering Handbook and the steam turbine section of Sterling's Marine Engineers' Handbook and many other scientific articles and papers.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, and University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICA O
VICTORY 4600

RE: DR. HARVEY N. DAVIS, PRESIDENT, STEVENS INSTITUTE OF TECHNOLOGY, AT MIDWEST POWER CONFERENCE, CHICAGO.

Chicago, March 00--(Special)--One thousand guests of the Midwest Power Conference to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by Dr. Harvey N. Davis, president of Stevens Institute of Technology, Hoboken, New Jersey.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

Dr. Davis, born in Providence, Rhode Island, receiving his secondary education in that city, won his A.B. from Brown University, Providence and his A.M. and Ph.D. from Harvard, Cambridge, Massachusetts. He will speak at a 6:45 P.M. dinner April 9, on "Priorities in Men."

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Dr. Davis, a member of Delta Phi, Sigma Xi, Tau Beta Pi and Phi Beta Kappa, began as an instructor in physics at Brown University in 1901. In 1904-10 he held the same position at Harvard, in 1910 becoming assistant professor of physics, in 1919 becoming professor of mechanical engineering, and in 1928 receiving his present appointment. In 1928 the honorary degree of doctor of laws was conferred by Rutgers University, New Brunswick, and that of doctor of science was given by Brown in the same year. In 1936 New York University conferred upon him the degree of doctor of engineering.

Dr. Davis has to his credit several inventions in the liquifaction field, and together with L. S. Marks, is the author of Steam Tables and Diagrams, Practical Physics for High Schools, chapter 15 of Beard's Toward Civilization (Spirit and Culture in the Modern Age series) and various papers on thermodynamics.

He has served as construction engineer for the Franklin Railway Supply Company, New York City, and the Air Reduction Sales Company, New York. During the World War he was active in helium investigations of the Army, Navy and Bureau of Mines, Washington, D.C. Later he served as aeronautical engineer in the division of science and research of the Air Corps. His research has been chiefly in thermodynamics.

Dr. Davis is a fellow of the American Association for the Advancement of Science, serving as vice-president in 1939; a member of the American Physical Society; American Academy of Arts and Sciences; American Society of Mechanical Engineers (vice-president, 1930-32); life member of the American Mathematical Society; of the Life Council, American Association for Adult Education; (vice-president, 1933-39), Society for the Promotion of Engineering Education; Franklin Institute; Washington Academy of Science; The Newcomer Society for the Study of the History of Engineering and Technology; the American Philosophical Society and the Hoboken Chamber of Commerce.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical

Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: H. E. WULFING, ENGINEER, COMMONWEALTH EDISON COMPANY, CHICAGO, AT MIDWEST POWER CONFERENCE, CHICAGO.

Chicago, Illinois, March 00--(Special)--One thousand guests of the Midwest Power Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by H. E. Wulfing, system development engineer of the Commonwealth Edison Company, Chicago.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

Wulfing, at present a resident of Chicago, was born in Birchland Center, Wisconsin, receiving his B.S. in E.E. from the University of Wisconsin, Madison. His speech will be "The Limitations Placed on Power Transmission by System Stability" and will be delivered at 9:15 A.M. April 10.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Wulfing became superintendent of the outside plant of the Cosmopolitan Electric Company, Chicago, in 1910 and four years later superintendent of the overhead lines at Commonwealth Edison Company, serving in that capacity until 1916, when he became field engineer. In 1928 he became engineer of the electrical engineer's office and in 1931 reached his present post.

A number of noteworthy inventions to his credit, Wulfing is particularly noted for the supervisory control system for substations. He is the author of several articles and technical papers for engineering societies.

Wulfing is a member of the American Institute of Electrical Engineers and the Western Society of Engineers. He is president of the Edison Club.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: RANSOM S. HAWLEY, ACTING CHAIRMAN OF DEPARTMENT OF MECHANICAL ENGINEERING, UNIVERSITY OF MICHIGAN, AT MIDWEST POWER CONFERENCE.

Chicago, Illinois, March 00--(Special)--One thousand guests of the Midwest Power Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by Ransom S. Hawley, acting chairman of the department of mechanical engineering at the University of Michigan, Ann Arbor.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

Hawley, born in Ludington, Michigan, received his B.S. in M.E. at the University of Michigan. His speech will be "Increasing Power Production with Present Boiler Facilities" and will be delivered at 9:15 A.M. April 10.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

In 1907 Hawley was appointed instructor and assistant professor at Grinnell College, Grinnell, Iowa, and in 1910 was made assistant professor of mechanical engineer-

ing at Colorado School of Mines, Golden, Colorado, becoming professor and head of the department in 1917.

Hawley is a member of the American Society of Mechanical Engineers, the Detroit Engineering Society, the Ann Arbor Exchange Club, the University and the Michigan Union. He is also a trustee of the Methodist Episcopal Church of Ann Arbor.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE: HUBER O. CROFT, IOWA STATE UNIVERSITY,
SPEAKS AT MIDWEST POWER CONFERENCE,
CHICAGO

Chicago, Illinois, March 00 --(Special)--One thousand guests of the Midwest Power Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by Huber O. Croft, head of the department of mechanical engineering of the State University of Iowa, Iowa City.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

Croft, born in Denver, Colorado, received his B.S. from the University of Colorado, Boulder, and his M.S. from the University of Illinois, Urbana. He will give the response for the cooperating institutions to the welcoming address by Philip Harrington, Commissioner of Subways and Superhighways, Chicago, at 10:15 A.M., April 9.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Croft, after experience with the United States Air Service at Post Field, Oklahoma, and a 1919-1920 term with Swift and Company, Denver, as assistant to the chief engineer, became assistant to Durbin Van Law, construction power plant engineer, Denver, leaving this position to become assistant professor of mechanical engineering at the University of Illinois in 1922.

In 1927 he became associate professor of mechanical engineering at Stanford University, Palo Alto, California, and two years later accepted the post he holds at present at the University of Iowa. Croft is author of Bulletin No.168, "Heat of Transmission of Boiler Tubes," Engineering Experimental Station, University of Illinois; "What Scale Does to Boiler Heat Transmission Coefficients," Journal of the American Society of Heating and Ventilating Engineers, volume 33, number seven; "Effects of Radiating Surfaces in Boilers", the Telegraph, volume 39, number four, bulletin eight, University of Iowa; and "Heat Transfer in Boiler Furnaces".

A lieutenant in the naval reserve, Croft is also a member of the American Society of Mechanical Engineers, Sigma Chi, Pi Tau Sigma, Tau Beta Pi, Sigma Psi, American Association for the Advancement of Science, Iowa Engineering Society, Triangle Club and Iowa City Engineers' Club.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapte of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - CHICAGO
VICTORY 4600

RE:ROGER McWHORTER, CHIEF ENGINEER, FEDERAL POWER COMMISSION, AT MIDWEST POWER CONFERENCE, CHICAGO

Chicago, Illinois, March00--(Special)--One thousand guests of the Midwest Power Conference, to be held at the Palmer House Wednesday and Thursday, April 9-10, will be addressed by Roger McWhorter, chief engineer of the Federal Power Commission, Washington, D.C.

This was announced today by Professor Stanton E. Winston, Conference Director and associate professor of mechanical engineering at Illinois Institute of Technology. The Institute, together with seven cooperating universities and colleges, is sponsoring the Conference for the fourth year.

"Hydro Power and the National Emergency" is the subject of McWhorter's speech, to be delivered at 3:45 P.M. April 9.

Power production, transmission and consumption will be discussed in various aspects by speakers of national repute before 1,000 engineers, utilities experts, teachers, technological editors and government and civil technologists, Professor Winston said.

"In the past, at least 500 persons were accommodated at each session of the Conference but this year we must provide for twice as many due to unparalleled interest in the natural resources of the country and allied fields in this time of national emergency," he declared.

"Demand of the technical and utilities monthlies and weeklies for copies of papers read and talks given at the Conference has been on the increase from year to year.

"Several score of the latest textbooks of scientific or technological interest credit papers read at the Conference as source material."

Born in Riverton, Alaska, and receiving his B.S. in C.E. from Alabama Polytechnic Institute, Auburn, and later receiving a professional C.E. degree from the same school, McWhorter took a rodman's and inspector's job with the Colbert Shoals Canal,

ennessee River, Knoxville, and the following year was a United States Engineer at the ales Bar Dam and Muscles Shoals, Knoxville, Tennessee River. From 1916-23 he was ssistant engineer and division engineer of the Miami Conservance District of Dayton nd Hamilton, Ohio.

McThorter then served for two years in the capacity of general superintendent of onstruction at the Wilson Dam Hydro-electric development at Muscle Shoals, Muscles hoals, Alabama. During 1925-26, he was United States engineer at the St. Lawrence aterway project, Montreal. As a member of the United States engineering service, he aw service in the construction engineering department at New Orleans and in 1930 ocupied a similar post at the Great Lakes division, Washington. In 1931 he was appointed o his present post as chief engineer, Federal Power Commission, Washington, D.C.

A member of the American Society of Civil Engineers, the American Society of echanical Engineers, the Washington Engineering Society, McThorter is also a lieutenant colonel of the Engineer Reserve Corps.

Schools and groups associated with Illinois Institute of Technology in sponsorship of the Conference include Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan, University of Wisconsin and the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, the American Institute of Electrical Engineers, and the Western Society of Engineers.

- JGM -

341-71

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: THREE TEAMS ELECT CAPTAINS; MAJOR, MINOR LETTERMEN FOR BOXING, WRESTLING, SWIMMING PICKED

FOR IMMEDIATE RELEASE

Election of captains of three teams, and selection of athletes for sixteen major nd sixteen minor letters comes as a wind-up to the winter sports season of Illinois nstitute of Technology, according to John J. Schommer, athletic director.

In elections held yesterday co-captains for the first time were elected by both oxing and wrestling teams, while a single swimmer was chosen to lead the 1942 tankmen ollowing traditional practice.

Jerry DeGiorgi, 1538 Ridgeland Avenue, Berwyn, and Roy Erickson, 4441 North Daen Avenue, were selected to head the boxing team. Fred Till, 3841 West Adams Street, nd John Butkus, 3151 South Halsted Street, were named to lead 1942 wrestlers. Earle uxhold, 5436 Walton Street, was chosen captain of the swimming team.

Retiring captains in these sports are Ernest Colant, 524 South Humphrey Avenue, Oak Park, boxing; Biagio Nigrelli, 2921 South Wallace Street, wrestling; and Arnold Blume, 1295 Des Plaines Avenue, Des Plaines, swimming.

Lettermen are as follows:

BOXING - Captain Ernest Colant, major; Jerry DeGiorgi, Roy Erickson, Ivo Buddeke, 4519 Greenwood Avenue, Arthur Ellis, 1347 South Union Avenue, Robert Merrick, 7840 Saginaw Avenue, Roy Simpson, 6625 Lakewood Avenue, and Chester Swan, 3424 South Bell Avenue, minors; and Richard Grinndal, 9547 South Leavitt Street, manager.

WRESTLING - Captain Biagio Nigrelli; Fred Till, John Butkus, William Daly, 5019 Washington Boulevard, Donald Maihock, 2434 Lunt Avenue, Goodwin Steinberg, 7372 North Winchester Avenue, Gerald Golden, 1250 South Keeler Avneue and Harold Hurvitz, 5514 Drexel Boulevard, majors; Joseph DePinto, 908 South Loomis, Ralph Jahnke, 3446 South Elmwood, Berwyn, Albert Sanowskis, 2638 West 44th Street, Emil DeBoo, 1310 North Springfield Avenue, and Guenter Baum, 1089 Rose Avenue, Des Plaines, minors.

SWIMMING - Captain Arnold Blume, Earle Huxhold, Lawrence Rademacher, 5024 West Huron Street, William Powers, 1240 Hood Street, Roman Mankus, 6030 South Rockwell St., Richard Talcott, 3240 South Michigan Avenue, and Karl Koos, 6134 Kimbark Avenue, majors; John Tregay, 631 Highland Avenue, Oak Park, Richard Taylor, 3236 South Michigan Avenue, William Condon, 800 South Karlov Avenue, and Donald Wahlgren, 725 Hinman Avenue, Evanston, minors; and Richard A. Larson, 1307 West 98th Street, manager.

Ellis, junior boxer, and DePinto, sophomore wrestler, winners of minor letters, are the first athletes to get monograms as students of Lewis division of Illinois Institute of Technology. Merger of Armour and Lewis Institutes last July resulted in a new corporate name for both divisions.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: MIDWEST POWER CONFERENCE HOLDS RECORD SESSIONS AT PALMER HOUSE: WEDNESDAY - THURSDAY, APRIL 9-10, 1941

FOR IMMEDIATE RELEASE

With production for defense and problems kindred to power and utilities fields mounting to a crest each day, plans for the Midwest Power Conference, sponsored by Illinois Institute of Technology, mark it as the most important public gathering of experts in these fields in the nation, according to its Director, Professor Stanton E. Winston.

The Conference will be held Wednesday and Thursday, April 9-10 at the Palmer House.

Professor Winston, associate professor of mechanical engineering at Illinois Institute of Technology, for four years host to the Conference with cooperation of seven other universities and colleges, said that normal attendance at the two-day session would be doubled this year.

"A thousand experts in power production, transmission and consumption activities, twice the number we have accommodated in past seasons, will be on hand to hear twenty speakers of international reputation," he stated.

"With the nation trembling on the brink of unpredictable days, the Conference may be the last opportunity many of these men, associated intimately with federal or private agencies sparking the drive to make America ready for any emergency, may get to discuss at arms-length their mutual problems and the public welfare."

Some of the speakers and guests, unceasingly occupied at their desks since "all-out" signals from the White House, will pass up regular vacation periods during the summer to make the trip to Chicago, Professor Winston asserted.

Engineers, utilities experts, technological editors and government and civil technologists are among those who have indicated they will be present. A great benefit of past Conferences is the informality of discussion that prevails, according to Professor Winston.

"At no other type of gathering in America do the academic world and the practical, careerist professions meet for such outspoken discussion," he said.

Besides the Institute, and seven universities and colleges who are co-sponsors, the Chicago sections of the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the American Institute of Mechanical Engineers, the American Society of Mechanical Engineers, the Illinois chapter of the American Society of Heating and Ventilating Engineers, and the Western Society of Engineers are included in the planning committee.

Registration will take place Wednesday, April 9, at 9 A.M. in the Palmer House. Chairman of the opening session will be Dr. L. E. Grinter, vice-president of Illinois Institute of Technology and dean of its graduate division.

Dr. Grinter is also one of a committee of university representatives acting in advisory capacity to the Conference. Other members are M. P. Cleghorn, Iowa State College; H. O. Croft, State University of Iowa; Ben G. Elliott, University of Wisconsin; C. Francis Harding, Purdue University; Hugh E. Keeler, University of Michigan; O. A. Leutwiler, University of Illinois; and L. G. Miller, Michigan State College.

Following presentation by Dr. Grinter Wednesday morning, Philip Harrington, commissioner of subways and superhighways, Chicago, will welcome guests to the Conference.

The Wednesday morning panel includes the following speakers:

Dr. Huber O. Croft, of the university representative committee and head of the department of mechanical engineering at the State University of Iowa, will respond to Harrington's welcome.

C. W. Kellogg, chief consultant of the Power Unit, Office of Production Management, Washington, D. C., will speak on "Power Facilities and the Defense Program".

A. G. Christie, professor of mechanical engineering, The Johns Hopkins University, will speak on "A Resume of Present Day Power Trends".

There will be a luncheon at 12:15 P.M. Wednesday, jointly given with the American Society of Mechanical Engineers. Its chairman will be L.M. Ellison, who will introduce Alfred Iddles, application engineer of the Babcock Wilcox Company, New York City. The latter will speak on "The User Wants to Know".

The first Wednesday afternoon panel, having the general theme of "Central Station Practice", with M. P. Cleghorn as chairman, includes the following speakers:

F. H. Rosencrants, vice president of the Combustion Engineering Company, Inc., New York City, will speak on "Forced Circulation in American Power Plant Practice."

C. C. Franck, engineer in charge of central station turbines, Westinghouse Electric and Manufacturing Company, Philadelphia, will speak on "Modern Steam Turbine Design."

G. V. Edmondson, hydraulic coupling division, American Blower Corporation, Chicago, will speak on "Variable Speed Drives for Power Plant Auxiliaries."

A discussion will follow the Edmonson speech and each panel of the Conference thereafter.

The late Wednesday afternoon panel, having the general theme of "Hydro Power" with Ben G. Elliott as chairman, includes the following speakers:

Roger B. McWhorter, chief engineer of the Federal Power Commission, Washington, D.C., will speak on "Hydro Power and the National Emergency".

Sherman M. Woodward, chief water control planning engineer, Tennessee Valley Authority, Knoxville, Tenn., will speak on "The Operation of the Multi-Purpose Project of the Tennessee Valley Authority."

W. J. Rheingans, test engineer of the Allis-Chalmers Manufacturing Company, Milwaukee, Wisconsin, will speak on "Construction of 48,000 HP Kaplan Turbines for the Pickwick Landing Dam of the T.V.A."

An informal "All-Engineers' Dinner", to which Chicago area engineers and their wives are invited, will have as its toastmaster James D. Cunningham, president of the Republic Flow Meters Company, Chicago. The featured speaker, Dr. Harvey N. Davis,

President of Stevens Institute of Technology, Hoboken, New York, will have as his subject "Priorities in Men".

The morning panel of Thursday, April 10, having the general theme of "Electric Power Transmission", with C. Francis Harding as chairman, includes the following speakers:

H. E. Wulfing, system development engineer, Commonwealth Edison Company, Chicago, will speak on "The Limitation Placed on Power Transmission by System Stability".

W. J. McLachlan, engineer in charge of apparatus line sponsor section of the General Electric Company, Schenectady, New York, will speak on "Trends in Equipment Design in Relation to Economics and Defense".

Running concurrently with the first Thursday morning panel will be a second on the theme "Industrial Power Plants"." Its chairman will be Hugh E. Keeler. The speakers are:

R. S. Hawley, acting chairman of the department of mechanical engineering of the University of Michigan, will speak on "Increasing Power Production with Present Boiler Facilities".

Charles W. Parsons, of the Republic Flow Meters Company, Chicago, will speak on "Instruments and Controls Increase Boiler Output".

John T. Davis, superintendent of the heating division of the Indianapolis Power and Light Company, will speak on "Interchange Contracts between Industrial Plants and Utilities".

A third Thursday morning panel, having as a theme "Feedwater Treatment", with H. E. Hollensbee, editor of Industrial Power, as chairman, will begin at 10:45 o'clock. The speakers are:

Arthur E. Kittredge, chief engineer for the Cochrane Corporation, Philadelphia, will speak on "Removal of Dissolved Gases from Boiler Feedwater".

Frederick G. Straub, research associate professor of chemical engineering of the University of Illinois, will speak on "Water Treatment Problems in the Steam Power Plant".

There will be a 12:15 P.M. luncheon Thursday, jointly given with the American Institute of Electrical Engineering, having Frank V. Smith as chairman, and with Major Charles V. Leihy, F.A., of Chicago, formerly editor of Electric Light and Power as speaker. His subject will be "Aspects of the National Power Pool, Defensively and Afterwards".

At 1:45 P.M. a bus will leave the hotel for an inspection trip of the tractor works of the International Harvester Company, 2600 West 31st Street. An 8:00 P.M. smoker will end the social functions of the Conference.

Professor Charles A. Nash, associate professor of electrical engineering at Illinois Institute of Technology, is Conference secretary.

- JCM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - FIC. 4600

RE: OPENING OF BASEBALL SEASON; SCHEDULE OF GAMES; PLAYERS TURNOUT; FIRST SEASON FOR COACH WEISSMAN; IN NORTH. ILL. COL. CONF.

RELEASE FOR: MONDAY, MARCH 31, 1941

Taking to Ogden Field for the first outdoor drill of the 1941 baseball season, forty-five Illinois Tech candidates, including a nucleus of fifteen men who have gone through indoor paces for three weeks, greeted Coach Bernard "Sonny" Weissman as he called practice today in preparation for a gruelling seven-week fight.

The schedule opens on Wednesday, April 9, with a tilt against Lake Forest College on its home field. Several intengibles, as much as the fact of only eight days to prepare his pitchers and hitters for such a powerful collegiate foe, have made hard work imperative for the Techawk squad in Weissman's view.

Whether memories of 1940's eight losses as against five wins, the challenge of being the first baseball team to compete under the name of Illinois Institute of Technology, or the fact of working under a new coach will add up to winning inspiration, is yet to be seen.

Weissman, De Paul University baseball star of the late 'twenties, now boxing and wrestling coach and assistant athletic director of the Institute, has an optimistic outlook.

"We need hitters and, after the middle of April, should have developed enough of them to hit the best pitching we will run up against," he said.

"The fact that I have Lewis division of the Institute to draw material from this year has not, as yet, appeared to be a great advantage. However, it's too early to prophesy. All of our winter sports have gained a great deal from merger of the two schools."

Return to the Northern Illinois College Conference after an absence of two years will bring a surge of competitive spirit to his team, Weissman declared.

Elmhurst College, North Central College, Concordia (River Forest), and Wheaton College will be Conference foes. Eight of seventeen games for theseason will be played in this group.

Non-Conference opponents, in addition to Lake Forest, will be Lawrence Tech (Detroit), Michigan State Normal College(Ypsilanti), Chicago Teachers College, Northern Illinois State Teachers College (DeKalb), and University of Chicago. Only Chicago Teachers College and Northern Illinois State Teachers College of these will be home-and-home competitors.

Major letter winners from last year, upon whom Coach Weissman pins hopes for improved team performance this season, include Co-captains Bill Bauch and Bill Krause. The former is a catcher and has been a regular for three years. The latter, also a regular for three years, has played all field positions and probably will take over left field this spring. Both hit .333 in 1940, Krause making a name as an extra-base hitter.

Outstanding pitcher of the squad is Alex Yursis, who last season also led the squad in hitting with .350. His pitching average in 1940 was .500, in spite of indifferent batting support from his mates. It is expected that Al Dambros, a sophomore, in his first year at the Institute, will prove to be almost as proficient a slinger as Yursis. Dambros is a southpaw, with plenty of weight behind his heaves. If this duo can take turn and turn about, and the Techawks hit behind them, Weissman's squad will have the makings of a championship contender.

One spot in the infield and one in the outfield are expected to give the Engineers what headaches they will experience. With Krause in left field, and Fred Lukens, a .289 hitter last season in Center, Charley Achinakian, who took a minor letter last spring, will return to right field. His hitting was poor and perhaps a new face will be seen there this year.

A shortstop vacancy left by the 1940 captain, Frank Leonard, may be hard to fill. Jim Thodos, who has had two years with the squad as a utility infielder and who last year won a major letter for work at third base, will probably have first call on the position.

He is not a spectacular hitter but has the advantage of seasoning by work with the remainder of the probable infield. Just what freshmen will develop as practice swings into full gear, to make a good fight for the right-field and shortstop spots, is problematical.

At first base Weissman will be giving first call to Marvin "Hod" Carrier, who won his letter last year at that position after starting the season as an outfielder. Carrier is a good fielder and a smart batter, one who can hit when needed and manage to get himself on base in a number of ways.

Roger Mueller, regular second-baseman for two years, will be back to cover his beat. He made only one error during 1940. At third base Bill Grosse, a major-letter-winning veteran of two campaigns, will again be in evidence. He has a fine throwing arm, can hit fairly well, and as a senior will be playing his hardest.

As yet no outstanding substitute for Co-captain Bill Bauch appears among new men who hope to succeed as catchers. Outfielder Lukens can take on the task of backstopping creditably, as he did so last year when Bauch's fingers were injured. Leland Olsen a sophomore, who was a bull-pen catcher last season, if his whip improves may be in for some active duty. His hitting is an unknown quantity as yet.

One left-handed pitcher, in addition to Dambros, will get his chance to make good this season. Herb Bay, the southpaw, and George Lykowski won minor letters in 1940 and with control and change of pace should come along nicely. A third pitcher, a novice, is Bill McDonough, of whom little is predictable as yet. Roman Mankus, whose pitching won a minor letter in 1940, will be working hard for a regular mound assignment.

The schedule of games is as follows:

April	9	Lake Forest	There
	16	Elmhurst	Here
	18	Lawrence Tech	There
	19	Michigan State Normal	There
	23	North Central	Here
	26	Concordia	There
May	1	Chicago Teachers College	Here
	3	Wheaton	Here
	7	North Central	There
	10	Chicago Teachers College	There
	13	DeKalb	Here
	15	Concordia	Here
	17	Augustana	Here
	21	Elmhurst	There
	24	Chicago	There
	27	Wheaton	There
	30	DeKalb	There

-JGM-

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: SPEECH OF M.W. FODOR TO AMERICAN
ACADEMY OF POLITICAL AND SOCIAL
SCIENCE, PHILADELPHIA, 4/4/41

RELEASE FOR: MONDAY, MARCH 31, 194

M. W. Fodor, professorial lecturer in social science of Illinois Institute of echnology, will speak at the annual meeting of the American Academy of Political and ocial Science in Philadelphia, Friday, April 4, at the Benjamin Franklin Hotel.

"The Revolution Is On" will be his subject. An authority on new governments in urope, Fodor has been lecturing in the Lewis division of the Institute on the basis f observations during a career as a newspaper correspondent in all parts of Europe.

Particularly noted for his penetrating analysis of Balkan affairs, Fodor came o his greatest fame as a writer for The Manchester Guardian, The Chicago Daily News nd American syndicates. He has produced novels and numerous articles have appeared n The Nation, The New Republic, Atlantic Monthly and Fortune.

According to John Gunther, correspondent and novelist, Fodor "has the most acutey comprehensive knowledge of Central Europe of any journalist living today; he is etter informed than the British in Central Europe and the foreign office pays close ttention to his dispatches."

Born in Budapest, and educated as an engineer, Fodor as a young man became inensely interested in the rise of the modern "power" state. He was equipped with seeral languages and set out to investigate as a journalist the phenomena of communism, ascism and the men who made them exist.

It was at the peak of a brilliant post-war career, in the early 'thirties, that e became the most-quoted correspondent in the English press. Hitler, Mussolini, Laval, alazar, Petain, Goebbels and many other statesmen of the new order became his news ources.

The fall of Vienna, of Prague and the fate that overtook Warsaw and other Europan cities came as major shocks to much of the world. But to Fodor, who had predicted

the emergence of the "super-state" and its policies during many years, these events were only a confirmation of his hypotheses.

His reactions to the situation of the United States as this juncture of its history, his analyses of the American place in the world power-politics scheme, are expected to provide one the chief topics of discussion of sessions of the American Academy of Political and Social Science.

Axis strategy with the coming of spring and summer months will be notable developments of the war abroad that Fodor will attempt to interpret. He will also comment on the situation of Italy in Africa and the complexities of the Greek problems of combined defense and offense.

The role of Yugoslavia as a late-arrival ally of the Axis, and the wide economic and military scope of Balkan participation in the war, will be covered in Fodor's address.

-JGM-

341-77

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: ELECTION OF H. T. HEALD VICE PRESIDENT
OF ROTARY CLUB OF CHICAGO

FOR IMMEDIATE RELEASE

Henry Townley Heald, president of Illinois Institute of Technology and at thirty-six years of age one of the youngest heads of a major educational institution in the United States, has been elected vice-president of the Rotary Club of Chicago, it was announced yesterday.

President Heald, (5844 Stony Island Avenue) last December named one of ten outstanding young men of 1940 by the magazine of the United States Junior Chamber of Commerce, will be inducted for a term to begin July 1 and run a year.

A recent appointment as regional advisor of the United States Office of Education for engineering defense training, and another as a member of the committee for development of a lake-front airport for Chicago, marked the further emergence of President Heald as an outstanding civic figure whose importance is national.

With the merger of Armour Institute of Technology and Lewis Institute in July, 1940, President Heald commanded the attention of the United States in incorporating what is the largest engineering and liberal arts school in point of enrollment in the country. Its graduate school is rated as one of three best in the land.

President Heald graduated from Washington State College in 1923, taking a B.S. in civil engineering. Two years later he won an M.S. in civil engineering from the University of Illinois. He is a member of Tau Beta Pi, honorary engineering fraternity, and of Sigma Tau, Phi Kappa Phi and Chi Epsilon.

His undergraduate summers were spent in the state of Washington in the employ of the federal government as a member of surveying parties. In the summer of 1923 he began as a junior engineer of the United States Bureau of Reclamation. He worked chiefly on McKay Dam.

In June of 1925 President Heald began a ten-month period with the bridge department of the Illinois Central Railroad, working on bridges at Jackson, Mississippi. In March of 1926 he became employed as a structural engineer for the bureau of design of the board of local improvements of Chicago. He later worked as a construction engineer in Pullman, Washington.

Becoming assistant professor of civil engineering at Armour Institute in September, 1927, President Heald advanced rapidly. In 1931 he was made associate professor and assistant to the dean. In 1933 he became dean of freshman. For four years following September, 1934, he was professor of civil engineering and dean of the Institute. The establishment of a research division and the nucleus of a graduate program were formulated under him.

Made acting president in October, 1937, President Heald was appointed to his present position in May of the following year. Rapid growth and continued high standard of administration of the Institute, culminating in formation of Illinois Institute of Technology in 1940, are greatly attributable to him.

President Heald has held a variety of offices in the Western Society of Engineer and the Society for the Promotion of Engineering Education. He belongs also to the American Society of Civil Engineers, the American Public Work Association, American Association for the Advancement of Science, Adult Education Council of Chicago, Illinois Engineering Council, Industrial Relations Association of Chicago, Theta Xi, Chicago Engineer's Club, University Club of Chicago, and A.F. and A.M.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: JUNIOR WEEK MARSHALS AND OPEN HOUSE CELEBRATION AND DISPLAYS; FROSH-SOPH RUSH; OPEN HOUSE, MAY 6-7; JR. WK., MAY 6-9.

FOR RELEASE: SUNDAY, APRIL 13, 1941

Junior Week at Illinois Institute of Technology, traditional festival time of burly engineers, will this year witness shattering of precedent as the first girl junior marshal elected during thirty-five years of the observance steps into a man's size job.

She is pretty Mary Elizabeth Spies, a junior architect from Fayetteville, Arkansas, living here at 1414 E. 59th Street. She is among six junior class marshals chosen, one from each major department, to take charge of activities during four days of extracurricular activity beginning Tuesday, May 6.

Just how well a coed will be able to referee a class rush between freshmen and sophomores, always as dangerous a post as being involved in the scrimmage itself, is a question-mark. Head junior marshal, John Butkus, civil engineering student and next year's wrestling team co-captain, says Miss Spies is determined to meet each difficulty as it arises.

Assisting Butkus, in addition to Miss Spies, will be the following:

Robert Sullivan, mechanical engineering department; Frank Kemmet, chemical engineering department; Carl Sparenberg, fire protection engineering department; William Dres, electrical engineering department; and Charles I. Ball, civil engineering department.

Aside from the day on which the class rush takes place, and the general attitude of disrespect for constituted authority that results in the "depantsing" even of junior marshals themselves, undergraduates devote themselves their classes adjourned, to genteel and constructive pursuits at which Miss Spies and her colleagues will officiate.

Tuesday and Wednesday, May 6-7, are called "Open House." On those days visitors from all parts of the United States, including alumni and parents of present students, will be on hand. Special programs of activities, featured by demonstrations of laboratory facilities of the entire campus and Armour Research Foundation, an affiliate of the Institute, are open to the public.

Famous scientists, attached either to the Institute or the Foundation, will perform classroom demonstrations and give explanatory lectures. Work in architecture, engineering drawing, mathematics and fire protection engineering will be on display.

Stunts and contests, ranging from pie-eating, egg throwing and treasure hunting, through intramural baseball and track combats, to fraternity sings and a Glee Club and orchestra presentation, will take place. Dances each night of the week, sponsored by individual classes or fraternities and clubs, will occupy the majority of students and their guests.

Chosen by classmates for leadership and extent of school activities, junior marshals exemplify an ideal combination of scholastic and extra-curricular interests.

Butkus, a three-year veteran of the wrestling squad and a co-captain next year, is assistant sports editor of Technology News, undergraduate weekly. He belongs to the American Society of Civil Engineers, the Western Society of Engineers, and the Glee Club. He is a graduate of Tilden Technical High School. As head marshal he will have chief authority during Junior Week.

Mary Elizabeth Spies, one of five girls enrolled in Armour College division of the Institute, is representative of the architectural students in her class commission She is a member of Kappa Kappa Gamma sorority. Her home is 239 Duncan Street, Fayetteville, Arkansas. She attended the University of Arkansas High School.

Robert J. Sullivan, a graduate of Sullivan High School, is a member of the Glee Club, the American Society of Mechanical Engineers, Pi Tau Sigma, mechanical engineering honor society, and was student honor marshal as a freshman and sophomore.

William Dres, who attended Tilden Technical High School, is a member and officer of Theta Xi fraternity, works on the Armour Engineer and Alumnus, and belongs to the Society for the Advancement of Management and the American Institute of Electrical Engineers.

Frank Kemmett, a member of the American Institute of Chemical Engineers, took a prominent part in the 1941 production of the Armour Players, "The Front Page." He is a graduate of St. Mel High School.

Carl H. Sparenberg, who lives in Centralia, Illinois, at 524 W. Third Street, is a member of Delta Tau Delta fraternity and has been active in intramural athletics and on numerous dance and social committees. He attended Centralia Township High School.

Charles I. Ball, who attended Lake View High School, is a member of the American Society of Civil Engineers, the Glee Club, and has been editor of Chi Epsilon's paper, a student honor marshal, and rewrite and feature editor of Technology News, undergraduate weekly.

Open House events will get under way at noon Tuesday, May 6, when classrooms, laboratories and research facilities will be opened to the public. By evening of the same day fraternity and club dances that dot the week will have begun.

At 1 p.m. Wednesday, the first athletic contest, a pentathalon to be competed in by athletes from all classes and the regular track team, will commence. It sometimes last until noon of the next day.

At 8:30 p.m. Wednesday a large, all-school dance will take place in the Student Union. Thursday will be crowded with intramural baseball games, a game between the faculty and seniors, an interfraternity track meet, the winners of which will receive a cup the following day, and Thursday evening will be devoted to the annual spring concert of the Glee Club and orchestra.

The Glee Club concert, to be given in the auditorium of the Student Union, will have a long intermission during which an interfraternity "sing" will take place, the winning group to be rewarded with a cup. Each fraternity will sit in the auditorium's balcony, arranged by colors in a huge semicircle.

Morning events Friday include a pie-eating contest, marbles tournament, the conclusion of the interfraternity relays, and the running of interclass relays.

Friday afternoon fraternity and independent groups will assemble in Ogden Field for a pageant, including the presentation of a humorous or patriotic dramatic skit by each, the winner to receive a prize. High point of the athletic events of Junior Week will be the Freshman-Sophomore class rush, a traditionally gory grudge battle which ends with both sides bruised and minus adequate clothing. All awards of cups and plaques will be made following the rush by President H. T. Heald and Acting Dean J. C. Peebles.

Crowning social event of Junior Week will be the Junior Informal dance, to be held in the Student Union, Friday night. Festoons and colorful decorations of many types will beautify the Union and adjoining parts of the campus.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: MIDWEST POWER CONFERENCE; PHILIP HARRINGTON, A. G. CHRISTIE SPEAK; MORNING PANEL, WEDNESDAY, APRIL 9, 1941; PALMER HOUSE.

RELEASE: FOR PM'S OF WEDNESDAY, APRIL 9, 1941.
HOLD OVER TO 4/10/41 FOR AM'S

America's standard of living is at stake unless engineers plan ably for a post-war as well as war-time world, Philip Harrington, commissioner of subways and super-highways, this morning told more than 1,000 guests of the Midwest Power Conference at the Palmer House.

A graduate of Illinois Institute of Technology, which is for the fourth year sponsoring the Conference with seven cooperating universities and colleges, Harrington opened the two-day meet with an address of welcome. Public utilities experts, engineers and technologists from over the nation made up the audience.

"In the nation you are playing a most important role in all phases of the defense program," he said.

"All our ingenuity and ability are now being required to adapt our economic machine, which was built for peace-time pursuits, to produce with speed not only our everyday needs but the materials and equipment essential to rearmament and defense.

"While this gigantic task is forging ahead swiftly and smoothly, other engineers are already engaged in formulating a program and detailed plans for shifting the vast rearmament program back to peaceful pursuits when the threat of war is finally repelled

"In many respects, this job may be even more difficult than gearing the plants of our economic system for arming the nation. Upon the skill of our planning, and the vigor and understanding with which these plans are carried out, rests in large measure our ability to cushion the shock of a cessation of hostilities not only as to our own economic system, but to the world economic system as well.

"At stake for us is our American standard of living. Yet I have no fear of its being wrecked in the aftermath of the present conflict, because I am confident that

you on the industrial firing line and we who have public planning and achievement as our task, can be relied upon to do our part."

Never before, not excepting World War I, has the nation in preparing for defense attempted such a gigantic job, and the engineering profession is accomplishing its work expeditiously and without fanfare, Harrington declares.

Praising experts in power production, transmission and consumption for contributions to the development and progress of Chicago, he traced the engineer's role in the growth of the city.

"When Chicago was but an outpost in the wilderness, engineers built Fort Dearborn, which gave the city security and an opportunity to survive the hazards that surrounded it," Harrington said.

"When Chicago became a thriving town, by virtue of its energy and strategic location on the water highways provided by nature, engineers built the Illinois-Michigan canal to integrate these natural routes.

"When inventive genius provided the steam locomotive, engineers made Chicago the rail transportation center of the nation.

"As Chicago grew and expanded, engineers kept pace with its development, contributing their skill and energy and counsel to the city's growth and progress. They pulled the city out of the swamp in which it was founded; they tapped Lake Michigan to give Chicago a first-class, inexhaustible water supply.

"Engineers provided sanitation by reversing the Chicago river, by building a labyrinth of intercepting tunnels to divert sewage from the lake water supply, and a system of sewage disposal works second to none. In this area was developed the modern conception of power transmission and power pooling. Parks and bathing beaches were created, schools built, institutions established for the study of the arts and science

Details of the Chicago subway and superhighway systems depend basically on the engineer for their furtherance, Harrington declared.

Following the Harrington address, Dr. L. E. Grinter, vice-president of Illinois Institute of Technology and dean of its graduate school, acting as chairman of the Wednesday morning panel, introduced Huber O. Croft, head of the department of mechanical engineering, the State University of Iowa, who responded to the welcoming talk.

"Power Facilities and the Defense Program" was the subject of C. W. Kellogg, chief consultant of the power unit, Office of Production Management, Washington, D.C. His remarks were impromptu, no written copies having been made available.

"A Resume of Present Day Power Trends" was developed by A. G. Christie, professor of mechanical engineering of The Johns Hopkins University, Baltimore, Maryland. This was the concluding talk of the morning panel.

The fate of electricity as motive power for United States industry during war will be bound up with the success of auxiliary steam, Diesel engine, gas turbine and other methods of generating power that occupy less conspicuous geographical positions and are less susceptible to bombing from the air than the hydro-electric plants that furnish it, Christie said.

"From a military point of view, hydro-electric plants are vulnerable while long-distance transmissions lines are subject to interruptions. These considerations emphasize the necessity of steam stand-by service in the communities served. Also trans mission lines should be located so that these can be easily patrolled in case of war.

"Great central stations have been built and others will be planned. But one mus consider factors which may influence their size. Difficulties arise where too many large feeders must radiate from a single point. A large station makes an excellent target for aircraft attack.

"A number of smaller stations feeding into various portions of the distribution system would make the system less liable to complete outage. The large stations emits

enormous volumes of flue gases into the surrounding atmosphere, the dispersion of which raises problems. A number of smaller stations emitting the same total gas volume at widely scattered points would lead to more satisfactory dissipation.

"Finally, the practice of unit construction of one-boiler-one-turbine permits the design of smaller plants with efficiencies practically equal to the super-power plant. A trend towards more scattered stations of moderate size may be considered a future possibility."

Baring untimely strikes, sabotage or dislocation of labor in plants building plant equipment, electric utilities appear able to meet all demands due to the defense emergency, Christie declared.

"In 1937 a noticeable improvement in business made it apparent that an early pick-up in industry would require additional generating capacity," he said.

"This has proved a fortunate circumstance for the equipment ordered at that time is now available. The start of the war in 1939 and the rapid rise in industry since then have greatly increased the demands for power.

"Fortunately, new hydro-electric capacities now available, together with the reserves of the public utilities, have been sufficient to meet all demands to date, with a reasonable stand-by. In the meantime, additional equipment aggregating a large kilowatt capacity has been ordered or is being installed, and this will add to available power as demands increase."

Latest available figures, according to Christie, show that 26 per cent of the kilowatt-hours output of public utilities came from hydro plants though the installed capacity was 28 per cent of the total of hydro and steam capacity in all public utility power plants.

"Canada possesses many large undeveloped sites ranging from Labrador to the Pacific Coast which can be developed as needs arise in the future. By means of remedial works in the rapids of Niagara Falls, additional water can be diverted for power

development on both sides at a central point where it can be of maximum value."

Following conclusion of the morning panel, a luncheon jointly sponsored with the merican Society of Mechanical Engineers, with S. M. Ellison as chairman, took place at 12:15 p.m. Alfred Iddles, application engineer of Babcock and Wilcox Company, New York City, spoke on "The User Wants to Know."

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MIDWEST POWER CONFERENCE: C.C. FRANCK, S.M. WOODWARD, W.J. RHEINGANS SPEAK; AFTERNOON PANELS; WED.,4/9/41; PALMER HOUSE.

FOR RELEASE: THURSDAY, APRIL 10, 1941

Operation of Tennessee Valley Authority projects, and design and construction of turbines for electrical and steam utility at the nation's largest power centers, were discussed by three outstanding authorities yesterday at the Midwest Power Conference in the Palmer House.

The Conference, a two-day meeting of more than 1,000 utilities experts, engineers and technologists ending tonight, is sponsored by Illinois Institute of Technology and seven cooperating universities and colleges.

Sherman M. Woodward, chief water control planning engineer of T.V.A., W. J. Rheingans, test engineer of Allis-Chalmers Manufacturing Company of Milwaukee, and C. C. Franck, engineer in charge of central station turbines of Westinghouse Electric and Manufacturing Company, Philadelphia, were speakers on afternoon panels.

Woodward, under the panel heading of "Hydro Power," spoke on "The Operation of the Multi-Purpose Projects of the Tennessee Valley Authority."

Power production, navigation and flood control on the Tennessee River from its mouth at Paducah to Knoxville, by dams and reservoirs, and similar uses of the lower Ohio and Mississippi Rivers were provided for under enactment of T.V.A's program, Woodward reminded his audience.

"Six of the reservoirs along the Tennessee are now in operation and three more are under construction and will be completed within the next three or four years," he said.

"The number of dams has been kept to the smallest possible and still accomplish their purpose. Hence, the dams are so spaced along the river that each succeeding one is close to the upper limit of the preceding reservoir, but they are separated a little farther than would have been needful to provide full navigation depths at the

upper ends of the reservoirs. It has been necessary, therefore, in order to provide for full nine-foot draft of vessels throughout the year to deepen the channel just below each dam by a limited amount of dredging."

The course of the Tennessee River, formed by junction of the Holston and French Broad Rivers, winds some 650 miles through Tennessee, Alabama and Kentucky before it joins the Ohio at Paducah, Woodward explained.

"In each reservoir the maximum water level is limited by the locations and elevations of cities, railroads and highways along the river, with the head developed at various dams different for each site but averaging between 50 and 60 feet," he said.

"In addition to the main stream reservoirs the Authority has several storage reservoirs on tributary streams. Operation of main stream reservoirs, because they present in what may be fairly considered to be typical fundamental form the general principles of multi-purpose operation, are my main concern here. The tributary reservoirs will be used to store water during the wet season for release during the dry season. This use bears a general resemblance to the method of use of the main stream reservoirs, and contributes to the main objectives of navigation, flood protection and power production."

Total river flow at a given point in the Tennessee Valley in the wettest year is over two and one-half times the flow in the driest year and it can be demonstrated there is no regularity in alternation of dry and wet years, Woodward declared.

"Although maximum floods on the Tennessee River come rarely, they are tremendous in size when they occur and constitute an important part of large floods on the lower Mississippi River. Although the area of the Tennessee River drainage basin is only one-fifth of the Ohio River drainage basin, the Tennessee supplies about one-fourth of the total flow in the Ohio River.

"The Ohio River area is only one-sixth of the total Mississippi River drainage area, but the Ohio supplies more than half of the whole flow in the lower Mississippi

River. Thus the importance, and the difficulty, of the problem of controlling floods on the Tennessee River is shown."

Small floods may occur any month but the largest are all confined to a period beginning with January and ending with April. Wheeler Reservoir, in operation for about four years, has a yearly cycle of operation that can be described as typical for most, according to Woodward.

"Beginning with the winter season, the reservoir will be held at an elevation around 550 feet above sea level; during periods of low flow in the river the water surface stands practically level throughout the length of the reservoir," he said.

"The actual elevation will not be constant during these months; but every time a flood occurs, the reservoir will be filled more or less, and will then be gradually drawn down again after the flood is past. After the first week of April, according to past records, there is no serious danger of a maximum flood occurring.

"The water level will then be held at the top of the gates for a few days in order to permit floating debris to strand on the banks of the reservoir as fully as possible. After that, the reservoir will be held at a level of about 550 feet for several weeks until the end of the fish-spawning season, which may be considered to be around the middle of May.

"Beginning about that time, the water level will be given a weekly fluctuation, still maintaining the maximum level as high as possible. This is for the purpose of preventing mosquito breeding along the reservoir margin and also to retard the development of vegetation at the edge of the water.

"Beginning at some time in June or July, the water level in the reservoir will be slowly drawn down in addition to having the weekly fluctuations. The seasonal drawdown permits the stored water to be used for the development of power during the low water season, extending from July to December, and also assists in the control of malaria-disseminating mosquitoes. The menace of the malaria-bearing mosquito is

supposed to be over for the summer season about October 1. Subsequent to that, therefore, the reservoir may be either drawn down further for power production, if needed, or it may be used to store water from the rather rare, heavy fall rains."

Following Woodward in the "Hydro Power" panel, Rheingans spoke on "Construction of 48,000 HP Kaplan Turbines for the Pickwick Landing Dam of T.V.A."

Two units of six projected 48,000 H.P. Kaplan turbines, installed at Pickwick Landing Dam as part of the Tennessee Valley Authority on the Tennessee River, are the largest built in the United States and are a close second to the largest in Europe, according to Rheingans.

Now under construction are two turbine units of the remaining four, to be completed at the Allis-Chalmers Milwaukee plant for service in 1942. Evolution of the Kaplan propeller-type turbine is of paramount interest in the field of design for utilities, Rheingans asserted.

"The first propeller-type turbine was installed in 1916. The first adjustable blade runner installed in 1924 required unwatering of the turbine flume, because the adjustment was made at the runner hub. A year later, this was improved upon by having the adjustment made at the coupling between the turbine shaft and generator shaft, which did not require unwatering the flume but required stopping of the unit. This led to the next logical step of a motor-operated arrangement in which the blades could be adjusted at will with the unit in operation.

"In the mean time, the Kaplan turbine in which the runner blades are adjusted automatically, depending upon the position of the guide vanes, was being developed in Europe, and the first installation in this country was made in 1928," Rheingans said.

Speaking under the panel heading of "Central Station Practice," Franck titled his talk "Modern Steam Turbine Design."

"The metallurgical aspect in the design of modern steam turbines probably holds the center of importance," he said.

"The 'creep' or growth of metals under elevated temperatures and permanent deformation as a function of temperature and allowable stress provided the necessary tools to enable the designer to develop adequate structures.

"'Relaxation' of bolting was carefully investigated and suitable materials developed. The development of bolting has been a major problem and materials with high 'relaxation' stress values were in the majority of cases found lacking in other essential properties.

"Compromises were necessary and, while high temperature bolting is performing satisfactorily, it is under careful scrutiny. Particular care is taken in the design and manufacture of this class of bolting to establish precision of finish in order to eliminate all influences other than the direct action of the members being held together. Experience has dictated that high temperature bolting should not be subjected to heavy wrenching and the general practice is accurately to set up bolts by the use of 'heating elements' and light wrenching," Franck stated.

"Metallurgical development has also contributed in the investigation of material by the X-ray and Gamma-ray processes. Casting flaws in relatively thick walls are readily disclosed by such investigations.

An informal "All-Engineers" dinner, at which Dr. Harvey N. Davis, president of Stevens Institute of Technology, Hoboken, New Jersey, spoke on "Priorities in Men," was held at 6:45 p.m.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC.4600

RE: FIRST GIRL JUNIOR MARSHAL AT ILLINOIS INSTITUTE OF TECHNOLOGY WILL OFFICIATE DURING JUNIOR WEEK, MAY 6-9, 1941

RELEASE: FOR MONDAY, APRIL 7, 1941

Architectural students of Illinois Institute of Technology, in a bold move mocking thirty-five years of tradition have elected a girl as junior marshal to represent their department during Junior Week, May 6-9, on Armour College campus.

Junior Week is the annual celebration period of the Institute, a time of spring recess, numerous scholastic exhibits, games, athletic contests and social affairs. The public is invited to inspect the campus, and alumni and friends come from afar. It has always been a time when husky engineers ruled the roost.

But Mary Elizabeth Spies, 1414 East 59th Street, whose home is in Fayetteville, Arkansas, and who is one of five girls in the entire Armour division, is the innocent disturber of cobwebbed custom. Of course, each of five other departments has elected a male marshal as usual.

Former junior marshals scattered over the world - in China building a bridge, in Africa perspiring over blueprints of a dam, at Little America in the Antarctic shivering over a Diesel contraption - will stare incredulously at the alumni magazine that blares the news.

For in the old day, and they were there to witness, junior marshals had to be as rough and ready as could be obtained. Though officials of Junior Week, they were usually subjects of pranks of fellow-students.

Solicitous junior marshals of 1940, informed of the architectural department vote, have warned beautiful Miss Spies of the following:

Junior marshals must referee the annual freshman-sophomore rush, in which each class battles for possession of straw dummies set in the middle of Ogden Field. Students of other classes stand on the sidelines and pelt the contestants with rotten eggs, old tomatoes, hoary cabbages. . . . Could she take it?

Junior marshals have been known to disappear during the height of festivities and to be picked up by the coast guard as they floated in Lake Michigan. How about the

There was a junior marshal, one year, who was sent over to nearby Comisky Field to shag foul-balls during batting-practice. He was hit in the head by a pop bottle.

A few years ago, a junior marshal had to walk atop the length of the spike and picket board fence surrounding Ogden Field, a process taking some three hours.

And then, of course, junior marshals have traditionally been "depantsed" sometime during a solemn event, such as the presentation of athletic awards on Ogden Field. Well, how about it?

Miss Spies, the pride of Kappa Kappa Gamma sorority, a member of the junior class commission, a graduate of University of Arkansas High School, Little Rock, had only one answer to make, it is reported (in a southern drawl):

"Brothers, I can take it!"

- jgm -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MIDWEST POWER CONFERENCE: W. J. MCLACHLAN, R.S.HAWLEY SPEAK; WEDNESDAY AND THURSDAY, APRIL 9-10, 1941; PALMER HOUSE.

FOR RELEASE: THURSDAY, APRIL 10, 1941

Factory assembly or prefabrication of electrical equipment as an outgrowth of standardization has been a large factor in permitting the national defense program to progress, W. J. McLachlan, engineer of the General Electric Company, Schenectady, New York, declared at this morning's session of the Midwest Power Conference at the Palmer House.

The Conference, a two-day meeting of more than 1,000 utilities experts, engineers and technologists ending tonight, is sponsored by Illinois Institute of Technology and seven cooperating universities and colleges.

"Trends in Equipment Design in Relation to Economics and Defense" was the subject of his speech. McLachlan has charge of the apparatus line sponsor section at the General Electric plant and the heading of the panel on which he spoke was "Electric Power Transmission."

"This country has gone through a period of several years when virtually no substations were built and the considerable forces of engineers who devoted their energies before 1930 to the design and construction of substations have long since turned to other fields of endeavor," McLachlan said.

"It seems safe to say that, had not the advent of the factory-assembled station occurred during this period, this country would be faced with a bottleneck of serious proportions due purely to the lack of experienced substations designers.

"The same situation would probably be complicated by lack of personnel experience in the construction of such stations. Major defense plants are requiring the construction of up to twenty-five substations per plant, quite commonly. Individual shipyards are installing many large substations simultaneously. Other defense activities create a comparable demand.

"The factory assembly of complete equipments has been a lifesaver in this emergency. An engineering nucleus, such as that retained by the substation manufacturer through the depression, can be expanded rapidly.

"That is because of the assistance which can be rendered by the experienced engineer in training new men. More important, these engineers deal in standardized designs with standard methods, so that the education of new men is simplified and thereby enormously expedited, and the output per men is greatly increased."

Few persons realize fully the extent to which a demand is being levied on the electrical industry in connection with the present defense program, McLachlan asserted.

"Today, we live electrically--today, we produce electrically--today, electricity is vital to the very operation of every defense plan, shipyard, air base, naval base and army camp.

"As these defense institutions spring up, the demands for power pyramid. Much has been said regarding our ability to meet the needs from the standpoint of generation Some discussion of transmission facilities has ensued. But, I wonder how many have considered the problems of the distribution systems, and particularly the substations which are required for the supply of every one of these new power loads.

"Transfer of skill, from persons using tools to the machines, has permitted rapid training of manufacturing personnel, and to the extent that such labor has supplanted construction crews in the field, the much longer training periods for the skilled artisans in the field has been made unnecessary," he said.

"The benefits of quantity production stand out in bold relief in times like these. The factory-built substations are being fabricated from duplicate component parts. In fact, many of the complete stations are exact duplicates. This means maximum production in minimum time, which is now so vital."

The country has only awakened to the possibilities of mass production of defense equipments, McLachlan declared.

"We have only begun to recognize the opportunities for expediting defense work of this type through standardization. There is no reason why plant after plant cannot be supplied with virtually duplicate substation equipments. It is being found economical (and desirable from the standpoint of physical diversifications of supply routes) to locate several substation units throughout plants and buildings, rather than to use one large stepdown substation of a size dependent on the individual plant.

"The number of units, rather than the size of the unit, varies with the size of the plant. These distributed units can be factory-assembled and can be standardized in a small range of sizes. These same principles can be applied in the supply of air bases, naval bases, army training camps and other defense institutions.

"Another approach of value in defense work is the use of mobile substations which can now be obtained complete from the manufacturer in capacities generally comparable with the stationary assembled substation. Such equipments can be used to supply industries which spring up overnight.

"They can furnish power during construction and early operation. Of even greater importance, they can be used as the reserve for stationary units. One mobile unit can move in and take over in case of failure in any one of many stationary units. The opportunities are truly great in the use of portable equipment.

"Thus, we are finding that the factory assembly approach in this area, not only is economical, but is of great value in the defense program. We have much more to learn to obtain the maximum benefit from this approach--but, the start has been made, the nucleus is there and American ingenuity will carry us forward--not only in this field, but also in others as factory fabrication is found to be economically justifiable."

"Increasing Power Production with Present Boiler Facilities" was the subject of address by R.S. Hawley, acting chairman, department of mechanical engineering of the University of Michigan. Under the panel heading, "Industrial Power Plants," it was

delivered at this morning's session.

"The industrial steam boiler plant or the power plant can be thought of as a factory which begins its process with certain raw materials and converts these materials into manufactured products," Hawley said.

"Every plant manager recognizes the importance of purchasing high-grade raw materials if he wants a high-grade, finished product and also realizes the practical necessity of analyzing factory methods and conversion costs.

"Unfortunately not all managements are willing to give even a reasonable amount of thought to the boiler room which serves their plants. Activities in recent years, however, are an indication that plant owners are rapidly becoming aware of the savings that can be made in the power house by the use of properly selected fuel, high-grade equipment and good operating methods.

"Since the raw materials used in the production of steam are fuel, air and water, any study of operation must necessarily include one or all of these three items, and the proper selection and treatment of the raw materials must affect the plant economy and capacity.

"Some will recall that in 1918 the Government created a Fuel Administration and that one of the regulations was the zoning of coal; that is, coal mined in certain fields was to be distributed for use within rather definite areas. Little thought was given to the type of equipment in the power plants of each area and the results was that many plant owners were compelled to purchase and use coal not at all suited to their particular equipment.

"Under the regulation of the Fuel Administration they were compelled to use a low-grade coal with a high ash content, low ash softening temperature and a considerable amount of dirt. Because of the plant demands it was necessary to operating it at as high ratings as possible.

"The result, of course, was an enormous amount of soft clinker which gummed up the grates and impinged on the boiler tubes. In three weeks operation the gas passages between the boiler tubes were reduced to such an extent that the boiler had to be taken off the line. This case is cited merely to show the fallacy of attempting to use coal that is not suitable for the particular plant equipment."

Any attempt to improve boiler plant efficiency and increase capacity necessarily begins with the selection of coal, Hawley said.

"These factors should figure in the buying of coal for power plants:

"Cost f.o.b., freight and delivery cost, heat content, volatile content, ash content, moisture content, hydrogen content, sulphur content, ash fusing temperature, grindability, swelling and caking characteristics, size and uniformity of size, storing characteristic, reliability of source of supply, uniformity of quality and regularity of shipment."

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MIDWEST POWER CONFERENCE
PALMER HOUSE - 4/9 & 4/10/41

RELEASE: TUESDAY, 4/8/41

One thousand guests of the Midwest Power Conference will gather here tomorrow and Wednesday to hear the nation's outstanding experts in the field of power production, transmission and consumption.

Sponsored by Illinois Institute of Technology in cooperation with seven middle western colleges and universities, the Midwest Power Conference will be held in the Palmer House tomorrow and Thursday, April 9 and 10. The first session will begin at 10 o'clock and the first day of the conference will be concluded with the traditional "All Engineers" banquet in the evening.

The conference is in its fourth year under the present sponsorship and service to engineers interested in power problems. Until the formation of Illinois Institute of Technology last summer, the conference was under the sponsorship of Armour Institute of Technology.

Co-sponsors of the meeting are Iowa State (Ames), Michigan State (Lansing), Purdue, Iowa (Iowa City), Illinois (Urbana), Michigan (Ann Arbor), and Wisconsin. Also cooperating are the several Chicago and State engineering and scientific societies.

According to Professor Stanton E. Winston, conference director and associate professor of mechanical engineering at Illinois Tech, "One thousand experts in power production, transmission, and consumption, twice the number accommodated in past years, will be on hand to hear twenty experts of national and international repute discuss power problems.

"With the nation on the brink of unpredictable days, the Conference may be the last opportunity that these professional men may have to discuss intimately their mutual problems bearing so heavily upon the nations defense efforts."

The conference will be opened by Dr. L. E. Grinter, vice-president of Illinois Tech. [illegible]

of the City of Chicago who will welcome the power experts to the Conference and to Chicago.

Highlighting the morning session will be an address by C. W. Kellogg, chief consultant of the power unit, Office of Production Management, Washington, D.C.

The afternoon sessions of the conference will be divided into two sections with the first scheduled for 2:00 o'clock and devoted to a discussion of Central Station Practice. M. P. Cleghorn, representative from Iowa State College will chairman the session and speakers will include: F. H. Rosencrants, vice-president of Combustion Engineering Company, Inc., New York City; C.C. Franck, Engineer in Charge of Central Station Turbines, Westinghouse Electric, Philadelphia; and G.V. Edmonson, American Blower Corporation, Chicago.

The second afternoon session will be devoted to Hydro Power with B.G. Elliot, representative from Wisconsin as chairman. Speakers will include R. B. McWhorter, chief engineer, Federal Power Commission, Washington, D. C.; S. M. Woodward, chief water control planning engineer TVA, Knoxville; and W. J. Rheingans, test engineer, (working on TVA) Allis-Chalmers Company, Milwaukee.

The "All Engineers" dinner will begin at 6:45 o'clock in the evening. James D. Cunningham, chairman of the Board of Illinois Tech and president of Republic Flow Meters Company, Chicago, will be toastmaster. Dr. Harvey N. Davis, President, Stevens Institute of Technology, Hoboken, New Jersey, will be the featured speaker and he will address the guests on "Priorities in Men".

The purpose of the power conference as set forth by its founders, is to provide an opportunity for all persons interested in power production, transmission and consumption to meet together annually for the study of mutual problems free from the restrictions of required membership in technical or social organizations. Academic sponsorship, such as is affected by the co-sponsorship by the eight midwestern colleges and universities, provides a freer discussion ranging through the technical and into the economic and social aspect of power.

University representatives of the co-sponsor colleges and universities in addition to those mentioned include: H. O. Croft, State University of Iowa (Iowa City); . E. Grinter, Illinois Tech; C. F. Harding, Purdue; H. E. Keeler, Michigan (Ann rbor); C. A. Leutwiler, Illinois; and L. G. Miller, Michigan State (Lansing).

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC 4600

RE: ILLINOIS TECH OPENS BASEBALL
SEASON AT LAKE FOREST 4/9/41

RELEASE:WEDNESDAY 4/9/41

In the opening game of the 1941 season the Illinois Tech Baseball Team will meet Lake Forest College in the North Shore Suburb on Wednesday, April, 9th in a non-league contest.

In all probability the Techawk team that takes the field against the Jaybirds will be composed of nine major lettermen, all of whom remember quite vividly the two 6-3 defeats of last year at the hands of the Foresters. A newcomer to the scene however will be the Engineer coach, Bernard "Sonny" Weissman.

"Sonny" came to Armour in 1929 as coach of wrestling and boxing from DePaul Law School where he excelled in athletics while earning his degree. In the succeeding years he has become manager of the student union and assistant to John J. Schommer, athletic director. He holds licenses from both the Illinois State Boxing Commission and the National Amateur Athletic Association as a referee. His appointment as baseball coach came last fall.

It will be a long time before a battery is uncovered that will compare with the combination of Alexander Yursis and William Bauch. In 63 innings of nine games "Alex" struck out 61 batters for a better than .500 average in games won. His true value is not realized however until the batting averages are consulted. Alex batted an even .350 to lead the Techawk squad last season.

Bill Bauch, the receiver of the combination, and Co-Captain of the team, is the spark plug of the squad. And with a batting average of .333 no one can accuse him of merely "talking" a good game though he does the latter quite proficiently. Both of these lads are seniors and their loss will be a severe loss to the Engineers.

The other Co-Captain is William Krause, a product of Lane Tech's Percy Moore. While patrolling left field for the Techawks last season Bill batted .333 in the clear up position.

The only other senior on the squad is William Grosse, utility infielder, and most likely candidate to fill the shoes of last year's Captain Frank Leonard at shortstop.

The remainder of the infield will be composed of juniors Marvin "Hod" Carrier on the initial sack; Rodger "Red" Mueller at second; and James Thodos at third.

Dean's office permitting, Fred Lukens will be the Techawk center fielder and most powerful slugger of the entire squad. "Luke" was ill for a few weeks and some of the professors believe that he should not be permitted to play until all of his back school work has been brought up to date.

Right fielder Charles Achinakian completes the Techawk lineup. A junior, he earned a major in his freshman year.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MIDWEST POWER CONFERENCE; MAJOR C. W. LEIHY, F.A., SPEAKS; 12:15 P.M. LUNCHEON, APRIL 10, 1941; PALMER HOUSE.

FOR RELEASE: THURSDAY, APRIL 10, 1941

The electrical power industry is a leading factor in defense efforts since it supplies the essential ingredient of industrial expansion, Major Charles W. Leihy, F.A., of Chicago, formerly editor of Electric Light and Power, said today in an address before the Midwest Power Conference at the Palmer House.

At a noon luncheon, jointly sponsored with the American Institute of Electrical Engineers, Major Leihy was presented by Frank V. Smith to more than 1,000 guests. His subject was "Aspects of the National Power Pool, Defensively and Afterwards."

Stressing that his remarks did not officially represent the War Department, Major Leihy outlined the position of electrical utilities today.

"Fortunately the industry is well-prepared to meet the requirements of the defense program and our power pool, with the reserve that such a connotation includes, is one of the most important single elements in our defensive strength," he said.

"In the old days, military power was reckoned in man-power; today military power is measured by man-power multiplied by machine power. Therein lies the strength of the country's productiveness as the arsenal of democracy, for here each worker commands or controls some 5 h.p. of production machinery compared with the European average of 1.2 h.p. per worker.

"Just what is this power pool? Briefly it consists of some 900 large, modern power stations, supplemented by numerous smaller plants and industrial power stations which aggregate at present slightly over 40,000,000 kilowatts in available capacity.

"The plants which comprise this reservoir of power vary from the modern, high-efficiency station which turns out a kilowatt-hour for every pound of coal burned to the technically-obsolete standby plant, the operation of which makes the company treasurer moan with anguish," Major Leihy declared.

All plants, however, are available to turn out usable kilowatt-hours on relatively short notice, with 7,000,000 kilowatts of new plants being built, which, added to present capacity, will aggregate an approximate total of 46,000,000 kilowatts by the end of 1942, allowance being made for depreciation of equipment.

"Defensively this capacity is a tremendous asset, primarily because it is well-distributed geographically," he said.

"Early this year the Federal Power Commission initiated a study of the relationship between available capacity and peak requirements for approximately 50 areas which in total comprise the forty-eight states.

"The relationship of this capacity to defense needs and requirements of each of these areas involves consideration of the transmission facilities which, in effect, makes capacity available when, where and in the quantities needed for practically any locality.

"Thus geographic distribution of capacity plus transmission facilities provide a flexibility that aids defense planning, eliminating restrictive considerations involving the availability of power. It makes possible advantageous location of defense production facilities solely from the standpoint of the proximity of fuel, raw materials, labor or other important factors."

The country east of the Mississippi River is organized into five great regional networks, each network being the outgrowth of economic dictates for better operations, Major Leihy stated.

"Careful engineering and economic considerations concerning reliability, reduction in reserves, conservations of peak requirements, balance between steam and hydraulic facilities, all have contributed to the formation of these vast electrical integrations.

"There are certain interesting aspects in the development of this huge system of power supply that immeasurably improve its utilization from a defense standpoint.

"Engineers have long recognized that economics are a hard master insofar as long-distance transmission lines are concerned. Thus it is that these various networks have grown up largely on the basis of economic characteristics such as effecting an economic balance between steam and hydro, taking advantage of diversified peaks, developing steam capacity at points advantageous from fuel and water standpoints and improving reliability for service to concentrated load centers.

"There has been a tendency, well-justified economically, to make each locality more and more self-sufficient as regards its own power supply to the end that, instead of concentrating capacity at a few points, the general level of available power in each locality has been raised."

The enormous building program of utilities will take care of weak links, giving sufficient capacity where any demand may come up, he said.

"Defense plants can be assured of access to ample power facilities with a minimum of system construction. Of course, it is practically impossible to determine in advance just what defense loads will require in the way of additional peak capacity.

"It is fairly easy to estimate how much additional peak is involved by an increase in steel productive capacity, by an increase in electric furnace load, by doubling or tripling the aluminum capacity and quadrupling airplane production. It is almost impossible to estimate either the increase in load in smaller plants which accept sub-contracts for parts and supplies or the total diversified peak demand as a result of this coordinated defense production program."

Sabotage may be in the offing in a time of peak defense production, Major Leihy warned.

"Should hostilities develop, there may be expected man-made troubles in the form of sabotage to which certain portions of the electric system are particularly vulnerable. What information as is available on European combat indicates that sabotage is to be more dreaded than bombing.

"Power stations can be effectively fenced and guarded, as can be the larger substations. Unattended substations, transmission lines, main distribution stations, underground systems cannot be protected as effectively without prohibitive costs, and future operations under such conditions may well take into consideration measures which will ameliorate difficulties developing from hostile acts against the nation's power supply.

"Some measures necessarily take the form of limiting the area of trouble. Patrol crews offer considerable possibilities and should be given attention by both the operators and the regulatory agencies which allocate frequencies for emergency services of this type."

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: HORROR TESTS BY DR. DAVID P. BODER AT ROOSEVELT THEATER; TUESDAY, APRIL 7, MIDNIGHT.

FOR RELEASE: TUESDAY, APRIL 8, 1941.

Last night, while the city slept, forty adventuresome students and a fact-finding, horror-probing scientist of Illinois Institute of Technology indulged in an orgy of graveyard gambols, murderous mysteries and spine-shocking sensations. And all in the interest of science.

Doctor David P. Boder, professor of psychology at Lewis division of the Institute, his fingers at the controls of complicated testing apparatus and devices, sat with his students in the balcony of the Roosevelt Theater during almost two-hours of unremitting analysis of cinema horror in the raw.

Two moving pictures were shown. One, "The Mad Doctor," featuring Basil Rathbone and Ellen Drew, had a fictional background. The second, "Third Dimensional Murder," was an unvarnished shocker from real life with anonymous characters.

Reactions of two students, who were harnessed to horror-recording equipment, were closely studied by Dr. Boder during showing of the films. He will examine their classmates at school today, as a secondary step in his investigation.

Working for many years on a study of horror and its psychological effects, Dr. Boder believes he will some day be able to establish what facts influence memory as a contribution to legal research bearing directly upon reliability of witnesses. Horror as an element entering into the mental condition of spectators to crimes of violence has never adequately been probed, he believes.

Knowledge of mental reactions to horror pictures, with reactions divided into understanding of the gravity of a situation in which a given character finds himself as one factor and the actual gruesomeness of that situation as another, is of paramount importance to his researches, Dr. Bodor stated.

Human guinea-pigs for last night's experiments under recording devices were Alda Kairis, senior at Lewis division of the Institute, and Edward Collender, junior chemical engineer of Armour division.

Miss Kairis, a pretty brunette, sat immobile in her seat with a pneumograph strapped to her chest. It measured the rate and depth of her breathing. A blood pressure device strapped to one leg measured the rise and fall of pressure.

Dr. Boder, with an instrument called the "Maico affectometer," tested her emotional stress crises. The affectometer indicates stress through measurement of electrical skin resistance.

Collender, in addition to undergoing tests Miss Kairis was subjected to, had attached to him a recording cardiotachometer, which gave a continuous record of heartbeat and emotional intensity.

As an epilogue to the film display, Dr. Boder this afternoon will examine each member of his class as to memory of specific events shown in the films. Each death shown in the pictures, with attendant details and individual backgrounds, will be analysed by students.

Ability to retain facts, relating them to the main themes depicted by the films, is likely to reveal much of genuine scientific benefit which his training as a psychologist will help him to interpret, Dr. Bodor explained.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: EDWARD P. HANUSKA, SPEECH WINNER, IN A.S.M.E. CONTEST AT DETROIT; REPRESENTS ILLINOIS TECH, 4/14-15/41

FOR IMMEDIATE RELEASE

Edward P. Hanuska, fifth-year mechanical engineering cooperative student at Illinois Institute of Technology, a consolidation of Armour and Lewis Institutes, will represent the Institute at the midwest section meet of student units of the American Society of Mechanical Engineers in Detroit tomorrow and Tuesday.

Winner of the recent public speaking contest of the Illinois Tech unit of the A.S.M.E., Hanuska will compete in contest finals against representatives from several technological institutes and universities. His prize-winning speech, entitled "Exterior Ballistics" will be repeated.

Included among schools sending speakers will be University of Michigan, University of Minnesota, and Northwestern University. Thirty mechanical engineering students and several professors will make up the Illinois Tech delegation.

An inspection trip through a Ford Motor Company plant, a banquet at the Detroit Yacht Club, a trip through Chrysler Corporation research laboratories, luncheons and several sightseeing trips are included in the schedule of events.

Second in the Institute contest was Don Creagan, 6128 Dorchester Avenue, senior mechanical engineering student, and third was Morris Horwitz, 1400 South Komensky Ave. junior mechanical engineer. Each Illinois Tech finalist was presented with a book on a scientific subject of special interest to him.

Prominent in student activities, Hanuska, 6653 South Claremont Avenue, is a news editor of Technology News, undergraduate weekly, and columnist for the cooperative section. He belongs to the Cooperative Club, Pi Tau Sigma, national honorary mechanical engineering society, Tau Beta Pi, honorary engineering society, and the Rifle Club.

Hanuska has also been a student honor marshal, chairman of the Wranglers, cooperative student group, and is an employe of the Goodman Manufacturing Company as part of his "work-and-study" function in the cooperative section. He is a 1936 graduate of Crane Technical High School.

A February, 1942, candidate for graduation, Hanuska, like other students in the five-year cooperative mechanical engineering course, is assured of a position on graduation. He may work at the company that has employed him for twenty-four weeks of each of his undergraduate years, or he may take advantage of other offers.

The cooperative course allows each student alternately to spend eight weeks at school and the same time at work for forty-eight weeks of the year. Money earned in industry is more than sufficient to allow the student to meet his tuition and incidental expenses.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: WEEK OF SPORTS AT ILLINOIS TECH-4/14-4/19
BASEBALL - Elmhurst Here 4/16
At Lawrence Tech 4/18
At Michigan State Normal 4/1
TENNIS - Loyola Here 4/15
TRACK - Triangular Meet, North Park and Morton Here 4/19

RELEASE FOR: TUESDAY, 4/15/41

This week will find all branches of Illinois Tech's spring athletic program in full swing, the golf team excepted. Highlights include the baseball squad opening its Northern Illinois College Conference schedule against Elmhurst College, trackmen gettin off to a running start in the outdoor season with a triangular meet scheduled against North Park and Morton colleges, and the undefeated tennis team seeking its third win in its first tilt with Loyola.

Though pitching admirably, Alex Yursis dropped the initial game of the season for the Techawks diamondmen when his teammates gave him but one supporting hit and made five errors against Lake Forest College last Wednesday. The facts that Tech indoor practice was confined to a sixty-foot-square gymasium and bad weather banned outdoor workouts handicapping the Scarlet and Grey. Under a new coach, Bernard "Sonny" Weisman and newly returned to a league, the Northern Illinois College Conference, the Engineers expect to keep above the .500 mark this year. Games scheduled for this week include the league opener against Elmhurst, Wednesday, April 16, on Ogden Field (33rd and Federal Streets), and a road trip to the Wolverine State, where Lawrence Tech on Friday April 18, and Michigan State Normal College the following day will be met.

Led by Captain Harry Heidenreich, the Illinois Tech trackmen take on North Park College and Morton Junior College as a warm-up for the outdoor season Saturday. With the advent of spring, Captain Heidenreich has begun to show versatility, specializing in the javelin and discus throws, as well as offering stiff competition in the pole vault, high jump and shot put. He can also run the half-mile and the mile in a pinch. Having bettered the existing school record several times in practice, Harry is expected

to hang up a new record in the javelin throw this season.

Tech netmen, two victories under their belts, are well on their way to a brilliant season, with nineteen matches scheduled against the best of competition, including Purdue. Comprised of two freshmen, a sophomore, a junior and a senior, the squad should be even better next year. It is scheduled to play Loyola University today on University of Chicago courts, home of the Techawks. Present seeding by coach Hal Davey, places a junior, Mike Schultz, number one, freshman Jim Ferguson, number two, Captain Bob Lange, number three, sophomore Earl Sherman, number four, and junior Dick Dunworth, number five. The first doubles team is Captain Lange and Dick Dunworth, while freshmen Jim Ferguson and Dick Larson comprise the number-two doubles combination

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ELECTION OF ALFRED KAUFFMANN, PRES.
LINK BELT COMPANY, TO BOARD OF
TRUSTEES.

FOR IMMEDIATE RELEASE

Alfred Kauffmann, President of Link Belt Company and one of Chicago's leading industrialists was elected to the Board of Trustees of Illinois Institute of Technology today, April 14, 1941.

Announcement of the election was made by James D. Cunningham, Chairman of the Institute's Board and President of Repu lic Flow Meters Company just after today's luncheon meeting at which the election took place. The meeting was held at 12:15 P.M. in the Chicago Club, Van Buren Street at Michigan Avenue.

According to the announcement made by Mr. Cunningham, Mr. Kauffmann was born in Germany in 1897 and received his major education at Pratt Institute in Brooklyn, New York where he had conferred upon him the Mechanical Engineering Degree in 1901.

Alfred Kauffmann is in the true sense, a man of the working people. He began his career as an apprentice for the General Electric Company in Schenectady, New York in 1894 and joined the staff of the Robert Hoe Company, manufacturers of printing presses in 1895, remaining with that company until coming to Link-Belt in '98.

His period of employment with the Link-Belt Company reads something like the "Odyssey of American Businessmen" - "From Office Boy to President" of which this free country is so proud. When he joined the Link-Belt Company, he took a position as draftsman and graduated successively to positions of superintendent of construction, sales engineer, assistant to the president, manager of the Philidelphia plant, vice-president in charge of Belmont and Dodge plants, and finally President, a position to which he was elected in 1924 after 26 years of effort.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: FUND RAISING PROGRAM TRUSTEES MEETING
4/14/41

FOR IMMEDIATE RELEASE

An immediate appeal for funds to finance the first phase of a $12,000,000 development program for Illinois Institute of Technology was authorized by the Trustees of that institution at their annual meeting held in the Chicago Club at noon today, Monday, April 14, 1941.

The 1941 phase of the program aims to secure $1,500,000 to erect and equip a Metallurgical Engineering building, a Mechanical Engineering building, and Library and Humanities buildings, while at the same time assuring the addition of at least $150,000 to existing income resources, it was announced by James D. Cunningham, chairman of the board of the Institute and president of Republic Flow Meters Company.

Action of the board at this time constituted formal approval of plans evolved by that body's policy committee, consisting of Wilfred Sykes, assistant to the president, Inland Steel Company, chairman; James D. Cunningham; Charles S. Davis, president, Borg-Warner Corporation; Henry T. Heald, president, Illinois Institute of Technology; Sydney G. McAllister, president, International Harvester Company; and Charles B. Nolte, president, Crane Company.

Illinois Institute of Technology, which was created last summer by the merger of Armour Institute of Technology and Lewis Institute, now enrolls more engineering students than does any other college in this country. In addition, the institution is undertaking the major responsibility for cooperation with the government in its program of engineering defense training in this region. In January it enrolled 1,600 men, most of them engineering graduates, in special engineering courses connected with the defense program; and 1,500 have been added to that total this month. The total student enrollment at the Institute, including the arts and sciences and evening classes, approximates 7,000 this year.

The development program aims to consolidate all day-student activities of the Armour and Lewis divisions of the Institute upon a single campus at the earliest possible date. Land adequate to provide for such consolidation has already been purchased adjacent to the existing Armour campus on the south side. Six blocks of land, extending from 32nd to 34th Streets and from State Street to the Rock Island Railroad tracks have been acquired for this purpose.

The complete program of development is progressive, covering the next several years, Mr. Cunningham explained today. It involves the financing of building construction and equipment totalling some $3,000,000 and the addition of $275,000 to annual income other than that anticipated from tuition, fees and existing endowment. In addition to the buildings scheduled for the 1941 phase of the program, the following are contemplated: a Civil Engineering and Materials Laboratory, a Chemical Engineering and Chemistry building, an Electrical Engineering and Physics building, a Student Union, a Physical Education building and a Power Plant.

Development program offices have been opened at 79 West Monroe street, and organization of volunteer personnel to prosecute the appeal for funds will get under way immediately, Mr. Cunningham revealed.

At the same time Mr. Cunningham announced the election of Alfred Kauffmann, president of Link Belt Company and one of Chicago's leading industrialists, to the Board of Trustees.

Mr. Kauffmann was born in Germany in 1879 and received major education at Pratt Institute, Brooklyn, New York where he had conferred upon him the Mechanical Engineering Degree in 1901. He began his career as an apprentice for the General Electric Company, Schenectady, New York, in 1894 and joined the staff of the Robert Hoe Company, manufacturers of printing presses in 1895, remaining with that company until coming to Link Belt in '98.

When he joined the Link Belt Company, he took a position as draftsman and graduated successively to positions of superintendent of construction, sales engineer, assistant to the president, manager of the Philadelphia plant, vice president in charge of Belmont and Dodge plants, and finally President, a position to which he was elected in 1924 after 26 years of effort.

- EZ -

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: NATIONAL DEFENSE DINNER - SHERMAN HOTEL -
MONDAY, APRIL 14, 1941 - 6:00 P.M.

RELEASE: FOR TUESDAY, 4/15/41

The training of men in engineering and technical skills is the life-blood of usiness and industry today, according to Wilfred Sykes, assistant to the President of nland Steel Company, Chicago.

Mr. Sykes was one of three prominent Chicagoans who addressed industrialists, xecutives and engineers gathered in the Sherman Hotel last night, Monday, April 14, 941, for a NATIONAL DEFENSE DINNER sponsored jointly by the Western Society of Engineers, the Chicago section of the American Institute of Mining and Metallurgical Engineers, and the Chicago section of the Association of Iron and Steel Engineers. Other peakers included H. T. Heald, President of Illinois Institute of Technology, and E. . Martin, assistant chief metallurgist of Inland Steel.

"The training of our technical men," according to Mr. Sykes, "should be considered as a business investment . . . a very necessary expenditure. A trained man is certainly more important than a new machine in our plant. Machines can be created by our trained men and only by them, but they become obsolete, whereas our engineers continue their creative abilities to keep pace with our increasing requirements.

"Our plants may be destroyed," he emphasized, "either by fire or by some cataclysm but as long as we retain our organizations those plants can be rebuilt and continue to function. But if we lose our organizations, or they become inadequate, then our machinery, no matter how good, will be of little use to us and our enterprises will die."

Sykes pointed out that the new man or recently graduated engineer must be considered as much a piece of raw material as the bar of steel entering the machine shop for turning into a crankshaft. Pointing out that Chicagois rapidly becoming the industrial heart of the United States, he listed six points substantiating his belief that Chicago can and is in the process of providing industry with the young recruits it needs to man its industrial and defense program. These points are:

1. The demand for trained engineers within the country varies by areas with the extent to which the working population is engaged in the manufacturing, communication, and transportation industries.
2. Over 25% of all those engaged in these industries were located in the east north central district, of which Chicago is the hub.
3. The Chicago area is the second largest concentration of industries in the United States.
4. There are approximately twice as many individuals engaged in manufacturing, communication, and transportation industries in Chicago as there are similarly employed in any city in the country except New York.
5. Approximately 20,000 engineers are employed in the Chicago area.
6. The number of engineers employed per worker in Chicago has increased more rapidly than in any other city in the United States.

"It is rather startling that in view of these facts the number of men technically trained yearly in Chicago is only a small fraction of the natural absorption capacity of this area. In the past we have depended upon other areas to supply our engineers, but the possibility of successfully continuing this course in the future, I think, is rather remote. As a result, of increasing technical development throughout the country, the large manufacturing concerns are making more intensive drives to obtain the pick of our technical schools, with the consequence that those who come to our doors seeking employment are the ones that have been passed up by the larger companies. This is an intolerable condition and the only answer is for us to develop our own technologists, who will naturally remain in this territory if opportunity offers."

Mr. Sykes' address came upon the heels of an announcement yesterday, April 14th, by Illinois Institute of Technology Board of Trustees outlining an "immediate appeal for funds to finance the first phase of a $12,000,000 development program."

The 1941 phase of the program aims to secure $1,500,000 to erect and equip a Metallurgical Engineering building, a Mechanical Engineering building, and Library and Humanities building, while at the same time assuring the addition of at least $150,000 to existing income resources. (The fund raising program was announced by James D. Cunningham, chairman of the Institute's board and president, Republic Flow Meters Company)

The development program of Illinois Tech will to some extent, according to Mr. Sykes who is chairman of the Board's policy committee on development, relieve the dangerous shortage of trained engineers in this area. The program, he stated, aims to consolidate all day-student activities of the Armour and Lewis campus upon a single campus at the earliest possible date. Land adequate to provide such consolidation has already been purchased in the vicinity of the old Armour Institute of Technology campus, 33rd and Federal Street.

"It is characteristic," he continued, "of most of our business enterprises, especially those of a manufacturing nature, that they have been developed from small beginnings by men who had ability but little in the way of financial resources. As these businesses developed, changing conditions, new methods of manufacture, and increasing competition have required more intense technical development, and each year the necessity for such development becomes more evident. Those enterprises which have retained their virility are the ones which have recognized the increasing need for technological development. The tempo will probably increase in the future.

"There is no doubt that we need to develop more technically trained people in this area if we are to maintain the position which we now hold as a manufacturing center, and, therefore, I feel that our training facilities are essentially a matter that concerns the men directing our industries.

"I do not believe that we can, or should, depend upon large individual benefactior to do the job for us. I think we must all put our shoulders to the wheel and realize that it is our job to support the institution which supplies the trained men we need".

In closing, Mr. Sykes explained that the complete program of development of Illi-
is Tech to meet the needs of industry is progressive in nature. It involves financ-
ng of building construction and equipment totalling some $3,000,000 and the addition
f $275,000 to annual operating income. In addition to buildings scheduled for the
941 phase of the program, a chemical engineering, civil engineering and materials
esting laboratory building are contemplated as well as buildings for chemical engineer-
ng and physics, student union, physical education, and power plant.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: GRADUATE SCHOOL REPORT REVEALS GROWTH; DISTRIBUTION OF STUDENTS INDICATES NATIONAL IMPORTANCE; STATISTICS, 4/16/41.

FOR RELEASE: FRIDAY, APRIL 25, 1941

An index to the far-reaching influence Chicago exerts as a center of advanced technological education is revealed with issuance today of the graduate school bulletin of Illinois Institute of Technology.

Dependence of engineering schools of the nation on strong graduate schools for training of faculty members and the absolute reliance of industry on research and experimental scholarship proper to graduate study were emphasized by Dr. L. E. Grinter, vice president of the Institute and dean of the graduate school, in releasing the bulletin.

"The national defense drive, much as it is concerned with utilizing the best skills and brains of engineers holding bachelor degrees, rests ultimately on the capacity of the graduate school to produce men equipped to teach in engineering schools or to tackle the problems of technological research," he said.

"Today the cry for engineers with advanced training is tremendous.Industry is raiding the schools for faculty members who are experts in specific fields and the schools have taken on ever-mounting teaching burdens in order to produce graduates who are trained to apply the latest scientific developments to the most complicated problems.

"If America is the arsenal of democracy, then the graduate engineering school is the power-plant of that arsenal."

Thirty-five states are represented by universities, institutes and colleges whose graduates have been enrolled for advanced study at the Institute during the school year of 1940-41, the bulletin shows.

Nine foreign countries are likewise represented. Belgium, Czechoslovakia, Denmark, Norway, France and Italy, of countries now completely or partially under control

of Germany, are among them, and China and Palestine as well. Each of these, with the exception of France which has graduates of two schools enrolled, is represented by one enrollee. Employes of American firms comprise this foreign-trained group.

Canadian institutions sent three graduates into Institute ranks. The total for eight foreign nations and Canada is twelve students.

With the total graduate enrollment at 452, the number of graduates from American institutions is 426, since fourteen persons admitted to graduate study are auditors or students who attend classes without intention of taking credits or a degree. In each case they are not holders of undergraduate degrees.

The 426 students from schools in thirty-five states scattered through the nation broadly illustrate the centralizing attraction of the Institute as a mecca of graduate study, according to the bulletin.

Ninety-nine institutions, eighty-seven of them in the United States, have sent graduates to the Institute. Every major engineering or technical school in America is among them.

Seventy per cent of the graduate students come from schools other than the undergraduate engineering division of the Institute, Armour College of Engineering. This is regarded as an unusual development since undergraduate technical schools are ordinarily majority feeders of their graduate departments.

One hundred and forty-one Armour College of Engineering alumni have continued work at their alma mater, the bulletin demonstrates. This is the largest group of enrollees from any undergraduate source.

The University of Illinois ranks second in this respect with fifty-two graduates. Purdue University, with a bloc of twenty-four, ranks third, and Lewis Institute, since last July consolidated with Armour Institute to form Illinois Institute of Technology, ranks fourth with twenty- two graduates.

In respective order, the next dozen schools represented are Central Y.M.C.A. College, University of Chicago, Northwestern University, Iowa State College,

Massachusetts Institute of Technology, University of Michigan, University of California, South Dakota State School of Mines, Cornell University, University of Wisconsin, Michigan State College, and Carnegie Institute.

While preference of graduate students as a whole for certain fields of study varies from semester to semester, either civil or chemical engineering are most popular among those working for master's degrees. A general master of science degree, followed closely by that in electrical engineering, is next in demand.

Organized formally under the administration of a dean in 1937, the Institute's graduate school shows an enrollment gain of more than 300 per cent in four years, a record among engineering graduate schools, it is believed.

Day and night sessions are part of the graduate school program, with work for a doctorate ordinarily taking place in the daytime. Master's degrees, however, are worked for during day and evening school periods.

Further development of the graduate school will be greatly accelerated by the impending construction of the projected "Technology Center" campus of the Institute on the site of the present Armour College of Engineering, Dr. Grinter believes.

Included in objectives of the 1941 phase of this $12,000,000 development program, which aims to secure at least $1,500,000 during the current year, are intensification of graduate activities, with the addition of working laboratory and classroom space.

At present, master of science degrees in chemical, civil, electrical and mechanical engineering are offered, with special provision made in science and fire protection engineering. Major work for an undesignated science degree may be done in chemistry, mathematics, mechanics, physics and metallurgy.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: TRACK MEET WITH MORTON JUNIOR COLLEGE AND NORTH PARK COLLEGE, 4/19/41; GOLF TEAM MEETS WAYNE U. AND BRADLEY HERE.

FOR IMMEDIATE RELEASE

Opening of the outdoor track and golf seasons of Illinois Tech on notes of optimism this week end develops from pre-season surveys of prospects in both sports.

Today Coach Sam Bibb's golfers will meet Wayne University of Detroit in matches beginning at noon at Southmoor Country Club. At the same time tomorrow (Saturday, April 19), over the same fairways, the Techawks will battle Bradley Tech of Peoria.

A triangular track meet, with Morton Junior and North Park colleges as foes, will christen the season at Stagg Field tomorrow (Saturday, April 19) at 2:30 p.m. This will be the sole home engagement of the Techawks in Track.

Coach Norman Root's thinclads, whose practice times and distances in the open air show marked improvement over lethargic indoor season performances in the case of several squad members, will be out to show their heels to Morton and North Park, as they did in a number of events of the indoor Illinois Tech Relay Games several weeks back.

Morton earlier had been decisively defeated at the opening of the indoor track season last winter in a triangular meet in which Chicago Teachers also were crushed by the Engineers.

Though little trouble in dealing with Morton or North Park is anticipated, Coach Root is anxious to dig up two or three men who could be depended on to furnish points regularly in field events, particularly in the shot-put and high jump.

Alf Bauman, former all-American football star of Northwestern University and weightman of the Wildcat track squad, now a student at Lewis division of Illinois Tech, may be prevailed upon to toss the shot for the Scarlet and Grey. Whether he will wish to take time from his studies, or whether he will decide his standing in the Big Ten might be jeopardized thereby should he later return to Northwestern has not as yet been indicated.

Captain Harry Heidenreich will represent the Engineers in the discus and javelin hrows, as well as in the shotput and high jump. Parks of Illinois Tech should win the ast event with little trouble. No single outstanding candidate for the broad jump has ppeared.

Techawk freshman Bob Osborne will be hard to beat in the 70-yard dash and will be rying for a record in the 220-yard dash, his strongest event. George Matthews in the prints, Barry in the high and low hurdles, and Wayne McCullough in the pole vault or alf-mile run, should also garner points.

Returning to the 1941 golf squad are co-captains Al Bredlau and Melvin Korrell, he former outstanding of the 1940 squad veterans. Last year's team won seven and lost hree matches and, despite the loss of 1940 captain Harry Schmal by graduation, will resent a strong front against most of the Techawk's traditional opponents.

Winners of minor letters last season, Bredlau and Korrell will have help from wo other minor-letter winners of 1940. They are Harry Sieg and Adam Jemsek. A "B" eam, composed of Dick Taylor, Bob Sundstrom, Walter Rusanowski and Joe Prusinski, will eet three opponents during the season, while the "A" group takes on eleven.

The golf schedule for the "A" team includes the following matches:

April 18, Wayne University (here); April 19, Bradley Tech (here); May 3, Illinois Normal (here); May 5, Western State Teachers (there); May 6, Wayne University (there); May 7, Detroit Tech (there); May 8, Calvin College, Cedar Rapids (there); May 16, Illinois Normal, Bloomingtom (there); May 17, Bradley Tech (there); May 24, Alumni; May 29, Western State Teachers (here).

The "B" team schedule is as follows:

April 26, Indiana State Teachers (here); May 1, Wabash College (here); May 3, Loyola University (here).

The outdoor track team schedule following today's meet is as follows:
April 26, Elmhurst College (there); May 2, Beloit College Relays (there); May 3, Bradley Tech (there); May 16, Loyola University (there); and May 19, Wheaton College (there).

-JGM-

FROM. ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE. BASEBALL - NORTH CENTRAL HERE, OGDEN FIELD, 33rd AND FEDERAL, 3.30 P.M.
TENNIS AT CHICAGO, 2.30 P.M

RELEASE FOR. WEDNESDAY, APRIL 23, 1941.

On Wednesday, April 23rd, the Illinois Tech baseball team will face their first opponent in the Northern Illinois Collegiate Baseball Conference.

North Central College of Naperville will be the opponent on the Techawks home grounds, Ogden Field, starting at 3:30 P.M. The Tennis Team meets the University of Chicago on the Varsity Courts of the Maroon Campus the same day.

Thus far this season rain has dogged the baseballers every footstep and poor weather has caused cancellation of one game and postponement of another of their first four scheduled contests. Coach Sonny Weisman, took his new team to Lake Forest for the first tilt of the year and though senior Alexander Yursis had no earned runs to his credit, his teammates gave him but one hit and committed several errors to yield the final score of 4 - 0 in favor of Lake Forest.

On the road trip to Michigan the story was much the same with a definite improvement noted however. Against Michigan Normal in Ypsilanti the Techawks garnered six hits while losing 9 - 3. High spots of the game included a ninth inning home run over the center field fence by pinch batter Al Dambros, sophomore hurler who is slated to start the North Central Assignment.

The Road trip, while not successful from the point of games won (none) or games played (one of two scheduled), was valuable in light of the fact that Coach "Sonny" Weisman found a smooth working infield combination. The newest additions to the infielding personnel include sophomore Ray LaGodney and senior Frank Pfeffer.

LaGodney, 6'4" star center of the basketball team, has used his height quite effectively in snaring poor throws to the initial sack and his powerful frame renders him a potent hitter. Pfeffer, a converted outfielder, shows remarkable ability in covering the shortstop position and has an uncanny eye while at the plate, a virtue

which will probably grant him more bases on balls than any other member of the squad. The remaining infield positions are held by veterans Rodger "Red" Mueller at second and senior Bill Grosse at third.

The starting pitcher for the Techawks, as previously mentioned, will be sophomore Al Dambros, southpaw hurler late of Wilson Junior College where he triumphed over two of Tech's conference foes last season. His battery mate will be Co-captain Bill Bauch who is catching his fourth season for the Engineers.

The only veteran to patrol the outfield is Co-Captain Bill Krause who will take charge of center while batting in the clean-up position. His cohorts will be Wilbert Hackbarth in left and Ray Swanson in right field.

The Netmen on the other hand have enjoyed extensive workouts in the 108th Engineer's armory with no regard for the weather. Being fully conditioned at the very start of the season has enabled the Techneks to win three of their first four starts, including wins over Loyola, De Kalb, and Wabash while losing, 4-3, to Chicago Teachers.

At the present time, Coach Hal Davey is playing junior Mike Schultz at number one position, with freshman Jim Ferguson at number two, and Captain Bob Lange number three. Sophomore Earl Sherman and junior Dick Dunworth round out the team.

The Maroons for this contest will play Captain Sal Sawyier, sophomores Walter Nemetick, Bob Lifton, Bill Self, and Dave Martin in that order.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: POLL SHOWS ILLINOIS INSTITUTE OF TECHNOLOGY STUDENTS, ARMOUR COLLEGE DIVISION, APPROVE LOWERING DRAFT ACCEPTANCE AGE.

FOR RELEASE: SUNDAY, APRIL 27, 1941.

A cross-section of opinion o f Illinois Institute of Technology students of Armour College division favors lowering draftee acceptance age to eighteen years.

This result of a "Galloping Poll", conducted by TECHNOLOGY NEWS, undergraduate weekly, on burning issues of American life, was reported in the current issue on the basis of questioning of 110 male students from all sections of the campus.

Exemption of engineers from the draft, and the advisability of high school graduates volunteering to serve their term of one-year military service before entering college, were also heavily approved.

Discussion by Congress of lowering of the age limit for the nation's army enrollees and the deferment of college students from the armed services brought about taking of the poll. Thomas E. Brown, electrical engineering junior and editor of the paper, said a complete explanation of each question was given prospective voters and that utmost accuracy was sought in obtaining replies.

To the question "Do you approve the new registration idea for men 18 to 21 years of age?", 68.2 per cent of the voters answered "yes". Many admitted they were prejudiced because they would not be taken by this new age limit.

Others believed draftees younger than twenty-one would be too young for the soldiering demanded by the training program. A general opinion was that the present selective service law brought the best material of American manhood to be utilized and, as such, was a challenge to any other nation in the world.

To the question "Should engineers be exempted from the draft?", 88.3 percent voted "yes." Many stated they were prejudiced by the fact they were engineering students but a majority felt that engineers were sorely needed by the United States in capacities other than under arms or in the services.

Several cited the fact 50,000 engineers will be in demand by industry during the coming summer and only 12,000 are graduating from engineering schools of the nation in June. Most of the students voting against exemption said engineers should not be privileged when other professional men were accepting army duty.

To the question "Would you advise the graduating seniors of high school to volunteer and serve their year before entering college?", 88.6 voted "yes". Complications in the life of a young man would be best avoided by this step, many voters believed. Specialized training, college study, position in the business world and marriage were listed as complicating circumstances.

Some voters declared high school seniors would be benefitted by carrying on as usual since many factors might interfere with induction and that even a semester spent at college was so much credit gained toward eventual graduation.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASEBALL, TRACK AND TENNIS TEAMS OF
ILLINOIS TECH MEET CONCORDIA, ELMHURST.
AND LAKE FOREST RESPECTIVELY.

FOR RELEASE: FRIDAY, APRIL 25, 1941

Back from a roadtrip over last week end that was stained by a 9-3 defeat at the hands of Michigan Normal at Ypsilanti and two raincuts of a game with Lawrence Tech, Illinois Tech's baseball team engages Concordia Teachers tomorrow (Saturday, April 26) at River Forest.

The Techawk tennis team takes on Lake Forest College in the northern suburb tomorrow at 1:30 p.m. The Elmhurst College Invitational Track Meet, set for Saturday, May 10, is the magnet of feverish preparations of the Scarlet and Grey track squad, but a preview in the form of a dual meet with Elmhurst takes place at 2.00 p.m. tomorrow at Elmhurst.

Coach Bernard "Sonny" Weissman's diamond squad, the result of its scheduled Wednesday, May 23, game with North Central unknown at this writing, of its four scheduled games has lost two and has had two weather postponements. In addition to the bad-weather break against Lawrence Tech last Sunday, a tilt with Elmhurst College had to be postponed last week because of rain.

Thus with the season in its third week Coach Weissman has little evidence on which to base a judgment of his team. Scarcely three days of practice were permitted by weather before the opening game on April 9, and with long periods of layoff occasioned by game and practice postponements, the team's natural hitters, with solid record behind them last season, have had this year little chance to get their stance.

Techawk runs against Michigan Normal were scored by pinch-hitter Al Dambros, who hit a homer with two men on base. Dambros will likely be starting pitcher against Concordia tomorrow. He is a southpaw, whose hitting is good enough to recommend his being turned into an outfielder. However, with only one dependable right-hand pitcher available, Coach Weissman is reluctant to make this change.

Shortstop continues to be a bugbear position in the matter of fielding for the Scarlet and Grey. Dick Guetzow, a hard worker with a fine throwing arm, is new to the position and Coach Weissman is trying to give him seasoning he deserves. As soon as Guetzow hits his fielding stride, the infield will probably prove to be air-tight.

Decisive defeat of North Park College and Morton Junior College Saturday at Stagg Field gives the track team a psychological advantage in its meet with Elmhurst College in the suburb tomorrow.

Bob Osborne, freshman quarter-miler, Dick Barry, hurdler, and Jack Tregay, weight events man, are shaping up as a trio of reliable point-getters. Harry Heidenreich, captain, will undoubtedly be close to the top of the points column in high jump, pole vault and javelin throw against Elmhurst.

George Matthews, George Erkert and Osborne, together with Wayne McCullough, a relay team veteran, have been harnessed for whatever relay distance will be run tomorrow and should turn in a snappy performance.

Coach Hal Davey's tennis squad, smarting under its first defeat of the season by Chicago Teachers College last week, will be loaded for bear in taking on Lake Forest College tomorrow. The Techawks first three meets, won with ease against good combinations, gave them an attitude of team carelessness against the Teachers. Individual players who had performed desultorily in their singles matches came back with vigor to sweep the doubles sets they played. The final 4-3 score of the Teachers game is a sore spot that only a heavily victorious performance at Lake Forest is likely to erase.

Mike Schultz, junior, continues as number one squad member, being the sole singles winner against Chicago Teachers. Schultz and Dick Larsen, freshman, were one winning doubles team, and Captain Bob Lange and Dick Dunworth were the second. They hope to repeat tomorrow.

--JGM--

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: OPEN HOUSE - MAY 5, 6, 7, 1941
JUNIOR WEEK ENDS MAY 10, 1941

FOR IMMEDIATE RELEASE

Miracles of modern science and engineering, from talking light beams, sensitive nstruments to test the intensity of a kiss, to the latest spring models for dresses nd hats for women will be the crowning feature of a week at Illinois Institute of echnology devoted to extra-curricular activities.

Hundreds of alumni, alumnae, friends and guests of the merged Armour Institute of echnology and Lewis Institute, will visit the two campuses of the new Illinois Tech uring the week of May 5th., to 10th., inclusive for the series of events that are urely "out of the ordinary" - that period when classes are dispensed with in favor of PEN HOUSE, SPRING CONCERT, INTERFRATERNITY SING, INTRAMURAL ATHLETICS, AND THE ROUGH ND TUMBLE "FRESHMAN-SOPHOMORE RUSH".

Leading off this week of extra curricular activities will be annual OPEN HOUSE. n Monday May 5th., the west side campus, located at Madison and Damen Avenue and nown as the Lewis Institute of Arts and Sciences division of the Institute, will be pen to the public during the hours from 1:00 P.M. to 10:00 P.M. All of the various aboratories and departments of the west side campus will be open and on parade, so to peak, for the benefit of the visitor.

During the next two days, open house activities will shift to the Armour College f Engineering Campus, located at Dearborn and Federal Streets at 33rd. On Tuesday he hours for inspection of this south side campus will be from 7 to 10 in the even-ng; on the next day, Wednesday, the hours will be from 1 o'clock in the afternoon until 0 o'clock in the evening.

The balance of the week will be devoted to athletic activities, interfraternity ageant, dances, concerts, shows, and freshman-sophomore rush in which both campuses ill participate. The week is concluded with an inter-campus informal dance at the outhmoor Country Club on Friday evening.

Featured during open house on the Lewis division campus will be the work in non-ngineering departments and laboratories. These will include the work in applied art, tudent designs, interior decoration and costume design.

One of the most interesting exhibits on the Lewis campus will be that in biology herein inter-relations between animals and plants as demonstrated by parasitism and ymbiosis will be on display.

Featured as the outstanding exhibit will be that presented by Dr. David P. Boder, sychologist of the Institute. He will exhibit the only existing psychological museum n the world and demonstrate techniques used in standard psychological tests, aptitude atings. There will also be on display the famous lie-detector equipment.

On the Armour College of Engineering campus during Tuesday and Wednesday will be ound the basic studies in engineering and sciences, including architecture. These undamental studies will be correlated to the present national defense effort and illus-rate some of the "extra-scientific" effort in which students engage.

In organic chemistry a group of experiments will illustrate how rayon and plastics re prepared - essential materials used in complicated processes for the production of omen's hose, wrist watch bands, suspenders. There will also be demonstrated the fund-mental processes in the making of an explosive, and a medicinal. In general, the ex-ibits and experiments of organic chemistry will be directed toward the purpose of ill-strating how commonplace things of world- wide use today are made from basic materials uch as coal, wood, oil and cellulose.

Perhaps one of the most spectacular unit laboratories on display will be that of lectrical engineering where all ramifications of the "watt" will be directed to amaz-ng the spectator. Short wave therapy, to indicate its effect upon the human body, ill be employed to fry "country sausage" - all in thin air without a fire or frying an. Light coming from a flash light, will act as a carrier for the spoken word - no ires, no coils, - the spoken word will be transmitted from one side of the room to the ther.

In physics laboratory steel filings will be made to "grow and stand on end" around steel core - almost like making hair grow on a billiard ball. Also in physics laboratory, by means of a stroboscopic light, a fly wheel, turning at 2000 revolutions per minute, will be seemingly made to stand still.

In civil engineering, a hundred old maps of the city, the work of the traffic engineer, the transits and levels of the surveyor, and the models of the bridge builder, will be on display. Also in civil engineering will be found a "pilot" water filtration plant, capable of providing filtered, pure water for a community of 1000 people.

Last but not least, the latest in television will also be on display in the new but not highly developed television research laboratories of the Institute. There will also be open for inspection the Armour Research Foundation, research affiliate of the Institute wherein are housed the United States Army Ordnance guage laboratory, and the many research laboratories, some of which are doing National Defense work.

Annually, one of the most popular of the quasi-educational features of OPEN HOUSE is the work of educational tests and measurements. This year, Dr. W. C. Krathwohl, professor of mathematics and head of this department, taking advantage of wide popular interest in radio programs of the "quiz" type, will conduct short periods of research into the psychological testing of adults and adolescents by means of questions common to "INFORMATION PLEASE, QUIZ KIDS, ETC.".

The signal honor for conducting and directing the activities of Junior Week, including those of special planning for OPEN HOUSE, is awarded to seven junior students elected by their classmates. Each major department is represented by one marshall and they in turn select one of their number as "head junior marshall". Head junior marshall is John Butkus, 3151 S. Halsted Street, civil engineering student and co-captain of the 1941-42 wrestling team. His aids are Charles Ball, 296 Forest Avenue, Winnetka, mechanical engineering student; William J. Dres, 1501 W. 72nd. Street, electrical engineering student; Frank W. Kemmett, 4440 W. Monroe Street, chemical engineering student; Robert J. Sullivan, mechanical engineer, 7078 N. Wolcott Avenue; Carl Sparenberg,

begins to take on the aspect of an immense circus tent, with a specialty track event of some kind in every corner.

Competing for hilarity honors this Junior Week will be a troupe of singers, dancers and hot-cha artistes from Lewis division campus. At least two nights, Tuesday and Wednesday at 8:30 p.m., they will take over the stage of the Student Union auditorium and define extracurricular aspects of "coeducational," a term that has been associated in a minor way with the Institute for many years but which, with the coming of several hundred coeds of Lewis campus to the student body, has brought a tidal wave of color to the Institute.

Sorority sisters will step through lively numbers written by undergraduate talent, clad in a sunburst of lovely costumes designed and executed by coeds themselves. A piano-sitting sophomore coed, with an opera-length personality, will be accompanied by a chorus of jive voices, through a gridiron-dinner-type musical satire on the school and its personalities.

A skit commemorating the merger of Armour and Lewis Institutes, in the form of a mock marriage, will highlight this musical revue. Men of Lewis campus, clad in iron derby and checkered-trouser ensembles, and adorned with handlebar mustaches, will sing the barroom songs of old.

Following presentation of the Lewis skits and revue on Wednesday evening there will be a dance in the Student Union auditorium. It will be a carefree, midweek affair hardly as elaborate as the smart Junior Informal Friday night at the Southmoor Country Club. Billed as "The Good/Egg Scramble," the latter dance will be the culminating social event of the week.

Thursday baseball games, pitting freshmen against sophomores, seniors against juniors, and a special game between faculty members and seniors, will provide thrills and laughs for campus throngs.

That evening a sort of sentimental reverie will grip the audience packing the Student Union auditorium where the Glee Club and Orchestra, under the direction of O. Gordon Erickson, will give their joint Spring Concert. An intermission between groups will be devoted to a rousing Interfraternity Sing. A dance will follow this event.

The following day will be a mad jumble of athletic events, stunts such as a pie-eating contest and a greased-pole climbing contest and the traditional interfraternity and interdepartmental pageant on Ogden Field. Picturesque tableaux and small floats will be utilized by competing fraternities and division of the school to illustrate clever or spectacular commentaries on school life.

With the presentation of cups and medals to winners of games, contests, the interfraternity sing, the pageant and other incidental competitions by President H. T. Heald and Acting Dean J. C. Peebles, the week will be concluded, except for the delicious excitement of the Junior Informal.

There the rustle of chiffon and silk of coed formals, and the scraping of hepcat feet, will be the theme song of another incomparable Junior Week speeding to a happy close.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: HIGH SCHOOL SENIORS COMPETE FOR 18 SCHOLARSHIPS: ARMOUR COLLEGE OF ENGINEERING DIVISION OF ILLINOIS INSTITUTE OF TECHNOLOGY, SATURDAY, 5/3/41

Chicago, April 00, 1941 -- (Special) -- The cream of the scholastic high school crop of the Middlewest, East and Far West will compete Saturday, May 3, for eighteen scholarships offered to male students by Armour College of Engineering of Illinois Institute of Technology.

More than 250 seniors are expected to take examinations in mathematics, chemistry and physics, personal interviews already having established their fitness for examination. A majority will take tests at Armour campus of the Institute but those living in districts removed from Chicago will be examined in their home schools by principals or persons authorized by the Institute to conduct the examinations.

Scholarships consist of ten one-year tuition ($300) awards and eight four-year tuition awards in fire protection engineering, each valued at $1,200. Considerations of the candidate's personality, high school scholastic record, extra-curricular activities and general fitness helped to determine his right to examination.

Written examinations will total three hours. That in mathematics will be primarily in algebra, with some questions in plane and solid geometry as a possibility.

The examinations in physics and chemistry will be of the objective type, but will include an essay on an assigned topic and will be based upon textbooks currently in use in secondary schools. There will be no separate written examination in English. The candidate's ability in English expression will be determined from the personal interview and from the short essay prepared in connection with the written physics and chemistry examination.

A partial list of candidates outside of the city of Chicago is as follows:

ILLINOIS

Robert Newton Mills, 304 Virginia Ave., Normal, Illinois; University High School

Eugene Oestreicher, 444 Second Ave., Aurora, Illinois; East High School

Egon G. Guba, 1432 S. Cicero, Illinois; Luther Institute

Thomas J. Pawloski, 1805 S. 49th Ave., Cicero; St. Ignatius High School

William Mayer-Oakes, 325 S. Fourth St., Pekin; Pekin Commercial High School

James Murrin, Libertyville; Libertyville Township High School

Charles Todd, Joliet; Joliet Township High School

Edwin Hamilton Vause, 410 N. Hamilton St., Lincoln; Lincoln Community High School

David L. Chamberlin, 412 S. Vermilion St., Streator; Streator Township High School

Ellsworth Zqoyer, Yorkville; Yorkville High School

James F. Burton, 3429 Madison St., Brookfield; Riverside-Brookfield High School

Richard Goldstein, 3228 Sunnyside Ave., Brookfield; Riverside-Brookfield High School

Robert F. Negele, 3827 Morton Ave., Brookfield; Riverside-Brookfield High School

Lynden De Young, 91 Pine St., Riverside; Riverside-Brookfield High School

Frank E. Liewehr, 311 Franklin Ave., River Forest; Luther Institute

John De Klyen, 1185 S. Euclid Ave., Oak Park; Oak Park High School

Russell F. Loomis, Jr., 1156 S. Clinton Ave., Oak Park; Oak Park High School

Cameron D. Leavenworth; 911 Washington Blvd., Oak Park; Oak Park High School

James W. Ratzer, 1166 S. Clinton Ave., Oak Park; Oak Park High School

Robert Reck, 1608 S. Ninth Ave., Maywood; Proviso Township High School

Thomas B. Reve, 5150 Carpenter St., Downers Grove; Downers Grove High School

Chester A. Monson, 5536 Middaugh Ave., Downers Grove; Downers Grove High School

Glenroy G. Grewe, 310 W. Belmont Ave., Arlington Park; Arlington Heights High School

Richard Pronger, 12910 S. Highland Ave., Blue Island; Blue Island High School

Donald R. Rhodes, 9110 Keating Ave., Skokie; Niles Township High School

James H. Tillotson, 702 Duane St., Glen Ellyn; Glenbard High School

C. G. von Fredersdorff, So. Rosell Rd., Roselle; Glenbard High School

Charles J. J. Krippes, 1112 Sheridan Rd., Wilmette; Loyola Academy

INDIANA

Richard A. Halsted, 4456 Washington St., Gary; Wallace High School

KANSAS

Robert Grant Gentry, 243 Old Manor Rd., Wichita; Wichita High School

Arthur Ballou, 4120 Garfield Ave., Kansas City; Wyandotte High School

MICHIGAN

Eugene Malanyn, 6975 Parkwood Ave., Detroit; Charles E. Chadsey High School

Jack Kulgie, 150 W. Superior St., Ishpeming; Ishpeming High School

James Vorhes, Jr., 436 N. Johnson St., Pontiac; Pontiac High School

MINNESOTA

Lloyd Prochnow, 1675 Palace Ave., St. Paul

MISSOURI

Groff Collett, 2117 Lovers Lane, St. Joseph; Central High School

NEBRASKA

Jack Graham, Father Flanagan's Home for Boys, Boys' Town

Eugene Luce, Bayard; Bayard High School

NEW JERSEY

Fred Levine, 417 E. 40th St., Paterson

OHIO

Fred Nemecek, Jr., 2801 E. 120th St., Cleveland; East Technical High School

Boris Ragent, 3390 E. 134th St., Cleveland; John Adams High School

OKLAHOMA

J. Elmer Schott, 610 Columbia St., Lawton; Lawton High School

PENNSYLVANIA

Thomas Kamperski, 101 Burson St., East Stroudsburg

WISCONSIN

Douglass Snyder, 2537 N. 52nd St., Milwaukee; Washington High School

L. William Schmidt, 2430 N. 61st St.,Wauwatosa; Wauwatosa High School

Linus Ruffing, Rural Route, Marshfield

COLORADO

Carroll A. Wood, Bristol; Granada Union High School, Granada Union, O.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: WEEK END OF SPORT -
BASEBALL - CHICAGO TEACHERS HERE 5/1
ELMHURST HERE 5/2
WHEATON HERE 5/3
TRACK - AT BELOIT RELAYS 5/2
AT BRADLEY 5/3
RELEASE FOR: THURSDAY, 5/1/41

Beginning Thursday, May 1, the Illinois Tech Baseball Team will entertain three foes in three successive days while the Track Team leaves Friday for the Beloit Relays to be held on Friday evening and a dual meet with Bradley Tech on Saturday afternoon.

To date the baseballers have dropped three games while winning one and their league standing is won one and lost one. Thursday is to be a non-league exhibition against Chicago Teachers College while Friday's contest with Elmhurst and Saturday's encounter with Wheaton College are league games.

To take the place of senior William Grosse, Tech's star third baseman who broke his leg while chasing a foul in the North Central battle, Coach "Sonny" Weissman is converting sophomore pitcher Mario Silla. Silla is very fast in the field and on the bases and his throws to first still retain the pitchers accuracy. General observations predict that Silla will be no slouch with the stick and he is already the best bunter on the squad.

Other revamping in the Techawk infield places senior outfielder Frank Pfeffer at shortstop and the replacing of Mike Carrier by Ray LaGodney, sophomore 6'4" star center of the basketball team, on the initial sack. Junior Rodger "Red" Mueller, veteran of three seasons is the only man to retain his position.

Alexander Yursis, as usual is the mainstay of the Techawk pitching staff but this year he has a most able understudy in sophomore Al Dambros. The two will divide the pitching assignments for the remainder of the season.

The trackmen will converge en masse upon the Beloit Relays but will concentrate on one particular event, the freshman sprint medley relay. Bob Osborne will start the ball rolling with a 52 second quarter followed by two 25 second 220's which will be

run by the two freshmen to survive Wednesday's trials (Coach Root has four or five freshmen capable of so doing). George Erkert will anchor with a 2 minute and 5 second half mile and Tech's time is expected to be a full second under last years winning time in this event.

In the individual events Captain Harry Heidenreich will strive to perfect his footwork which will enable him to get off a winning toss in the javelin throw, while cooperative student Wayne McCullough attempts a victorious mile. With McCullough the policy is double or nothing. That is, regardless of the field, he will stay with the leader until he crosses the tape or drops from exhaustion.

A newcomer in the field events is John Tregay. His best efforts so far include a 39 foot 6 inch shot put and a 115 foot discus throw. He is improving rapidly from day to day and better performances would not be surprising.

Following the Relays the Techawks travel to Peoria for their scheduled dual meet with Bradley Tech on Saturday. The Braves are traditionally strong in the field events and have an exceptionally fine hurdler. The net result is that Illinois Tech will either lose by 20 points or win by five points depending entirely upon the breaks of the day and the condition of the squad.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ARMOUR COLLEGE OF ENGINEERING OF ILLINOIS TECH SCHOLARSHIP EXAMS, 9 A.M., 5/3; ARMOUR CAMPUS AND THIRTEEN STATES.

FOR RELEASE: THURSDAY, MAY 1, 1941

Illinois Institute of Technology will be offering awards totalling $12,600 Saturday, May 3, 1941 when more than 250 male June high school graduates compete at Armour campus and in thirteen states for scholarships covering tuition at Armour College of Engineering.

Beginning at 9 a.m., approximately 200 candidates will assemble for written examinations in mathematics, physics and chemistry in the main building at 33rd and Federal Streets. Principles of high schools, at the Institute's direction, will administer the same examinations to candidates barred by distance from coming to Chicago

Approximately 50 seniors are included in the latter classification. The states they represent are Colorado, Illinois, Indiana, Kansas, Michigan, Minnesota, Missouri, Nebraska, New Jersey, Ohio, Oklahoma, Pennsylvania, and Wisconsin.

Eighteen scholarships are being awarded. Ten are one-year tuition grants valued at $300 each. Eight are four-year fire protection engineering grants of $1,200 value each. The latter are underwritten by stock fire insurance companies of the nations.

Today, (Thursday, May 1) is the last day personal interviews will be granted by the scholarship committee at the campus. This interview is necessary to establish the candidate's eligibility for the examination. In the case of out-of-town seniors the interviews have been conducted by persons appointed by the Institute in the home locality.

Ratings will be based on three hours of written examinations ending at noon. The examination in mathematics will be primarily in algebra, with some questions in plane and solid geometry as a possiblity. The examination in physics and chemistry will be of the objective type, but will include an essay on an assigned topic. The candidate's ability in effective English expression will be judged by the personal interview and the short essay prepared in connection with the written examination in

physics and chemistry.

Members of the scholarship committee, who will be in charge of Saturday's examinations, are:

Stanton E. Winston, associate professor of mechanical engineering, chairman; J. C. Peebles, acting dean and ex-officio member; W. E. Kelly, registrar; S. F. Bibb, associate professor of mathematics; W. M. Davis, assistant professor of mathematics; H. K. Giddings, assistant professor of mathematics; W. R. Kanne, assistant professor of physics; W. J. McLarney, instructor in mechanical engineering; A. L. Mell, instructor in architectural design; M. J. Murray, associate professor of chemistry; R. M. Sanford, instructor in English; W. H. Seegrist, associate professor of machine design; S. M. Spears, associate professor of civil engineering and Saul Winstein, instructor in chemistry.

A luncheon for participants in scholarship examinations will be given in the cafeteria of the Student Union at noon. H. T. Heald, president of the Institute, will make a speech of welcome to the seniors. Dean J. C. Peebles will also talk.

-JGM-

441-36

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: JUNIOR WEEK AT ILLINOIS INSTITUTE OF TECHNOLOGY, 5/5-5/10/41; OPEN HOUSE, LEWIS CAMPUS, MONDAY, 5/5, ARMOUR CAMPUS, TUESDAY, WEDNESDAY, MAY 6-7

FOR RELEASE: SUNDAY, MAY 4, 1941

A ceaseless flow of visitors will crowd stairways and jam elevators of Lewis Institute Campus of Illinois Institute of Technology tomorrow (Monday, May 5) when the forty-six-year-old home of learning at 1951 W. Madison Street holds a one-day "Open House" to begin Junior Week at Illinois Tech.

Students, faculty, alumni and friends, cooperating with their counterparts at Armour campus, will transfer attentions to the Armour campus after Monday's observance which begins at 1 p.m. and ends at 10 p.m. Open House begins Tuesday and extends through Wednesday at Armour, located at 33rd and Federal Streets where it has been a tradition for thirty-six years. Junior Week itself begins tomorrow and ends Saturday.

Tomorrow's program at Lewis Institute will be pitched to scientific, technological and liberal arts displays of a popular nature. Faculty members and student assistants from chemistry, physics, applied art, psychology, biology, English, social sciences, home economics and cooperative business administration departments will present these displays.

Though its Open House phase is of scholarly character and of quasi-educational interest, Illinois Tech's Junior Week program for Thursday and Friday is dominated by lighter undergraduate interests. Dances, athletic contests, a class rush, musical events and various rough-housing outlets of campus enthusiasm will take place.

Among Lewis Open House exhibits will be the widely-known Psychological Museum originated by Dr. David P. Boder, professor of psychology. His recent experiment in a Loop theater demonstrating effects of horror movies on undergraduate subjects brought him to attention of the press.

The Museum is equipped to test for fatigue symptons in animals and human beings and to promote experiments in the psychology of industrial occupations. Lie detection and the reactions of many human organisms under psychological stresses will be measured by Dr. Boder with members of his audiences as subjects.

The testing of individual differences and the emotional reactions to music will also be on exhibition. Dr. Boder's virtually unique explanatory lecture on backgrounds of mother-in-law phobias will be included in his programs.

Physical chemistry in the study of gaseous, solid and liquid states will be on parade in the laboratories of Dr. Lee F. Supple and his assistants. The role of energy in chemical reactions will be one important sector of investigations conducted before visitors.

Modern analytical procedures, such as the tensile strength and yarn counts of dress materials, the identification of natural and synthetic fibres, the chemistry of processing, scouring and bleaching of wools and cottons, and a thorough-going analysis of synthetic materials such as rayon, lanital and nylon will be among subjects developed.

Students interested in chemistry, under the auspices of the Lewis Chemical Society, will act as laboratory specimens for purposes of chemical experiments with biological overtones.

A veriety of plastic adaptations to everyday life will be shown and their composition explained. The field of plastics as a factor in industrial and commercial markets will be surveyed. Housewive's dependence for kitchenware and pantry knick-knacks on the field of plastics and the chemical factors entering into the use of these materials will likewise be analyzed.

A biology department display will interpret the story of human life from the parallel of chicken embryology. Various other animal embryo forms, especially concerned with displaying facial developments at various stages, will be used.

Bacteriology, zoology, comparative anatomy, physiology, parasitology and micro-technique will have their place in the display. Unsterilized bacteria formations, containing life that has developed from pre-existing life, will be analyzed. Malarial organisms in the human red blood cells, originated by mosquitoes, will be explained.

Perhaps of most popular interest of the entire Open House exhibits will be a working model of Old Faithful, widely-known geyser of Yellowstone National Park. Dubbe "New Faithless" by Dr. M. Alden Countryman, professor of physics, who built it, it erupts every ten minutes in a spectacular fount of boiling water and steam.

Dr. Countryman's assistants will be in charge of some thirty other exhibits, among them an electro-static smoke precipitator, used in saving coal elements that usually drift away in exhaust smoke. White light and its ramifications in the spectrum will be enlarged on.

Textures and contours of the human voice, measured by use of a fluorescent light against a white background, will be a physics department pièce de resistance. Would-be operatic singers will get their chance to find out what their voices look like, scientifically, by means of the cathode-ray oscilloscope, as the measuring instrument is calle

Coeds in the classes of Marie Elsa Blanke, assistant professor of applied art, will be living models for her lecture, repeated several times during the day, on the "Do's and Don'ts of Design." The proper outfitting of a house from the pantry to the guest bedroom will be explained. Choices of furniture pieces according to income and general rules for interior decorating will make up much of the advice of Miss Blanke.

Girl pupils of Miss Blanke will also model dresses and formals they made. All hues of the rainbow will be displayed on the lovliest undergraduates of Lewis. Some tableaus, showing how a girl of average income can outfit herself completely, will be enacted.

Much of undergraduate festivity during Junior Week at Armour campus will be contributed to by Lewis division students. They will attend the dances, take part in numerous contests, participate in the Spring Concert and the Orchestra and Glee Club, and be spectators to the Interfraternity Sing and other events.

At least two nights, Tuesday and Wednesday at 8:30 p.m., they will take over the stage of the Student Union auditorium and define extracurricular aspects of "coeducational," a term that has been associated in a minor way with the Institute for many years but which, with the coming of several hundred coeds of Lewis campus to the student body, has brought a tidal wave of color to the Institute.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: JUNIOR WEEK AT ILLINOIS TECH, 5/5-5/1(
OPEN HOUSE TODAY AT LEWIS CAMPUS;OPEN
HOUSE 5/6-5/7 AT ARMOUR CAMPUS: EVENT

A three-ring academic circus came to town today and will be here for a week. Not elephants but dignified professors and learned instructors, not zebras but uninhibited, frolicsome undergraduates, have taken over the west and south-side campuses of Illinois Institute of Technology.

Elephants and zebras of the collegiate world are normal citizens fifty-one weeks a year. But Junior Week, reigning jointly at Lewis and Armour divisions of the Institute, is responsible. Some one said Junior Week is a state of mind. Many believe such a state of mind is more terrible than a state of war.

An orgy of scholastic exhibits, demonstrations in laboratories and class rooms, the fruits of more than a hundred professorial brains of the Institute, is in session today at Lewis division, 1951 W. Madison Street. It is politely called "Open House". It begins at 1 p.m. and ends at 10 p.m. It will exit there after a furious one-- day stand, and transfer its devastating energy to Armour campus, 33rd and Federal Streets, for a two-day stand of Tuesday and Wednesday. To all this, alumni and the public are invited.

Junior Week activities of non-scholastic nature get under way with conclusion of Open House at Armour. Beginning Thursday, and lasting to Saturday morning's last milkman, through the rocket's red glare all the flora and fauna of devilish undergraduate minds will rock the Armour campus in one long spasm of individual mayhem, class fights, fraternity jousts, duckings in the lake, kidnappings of campus "big-shots," pageants with floats, boy-and-girl revues with student-written music sung by Spring-goofy engineering students and their coed accomplices.

And "and so forth" means class baseball games, track contests, a whisker-growing contest, a pie-eating contest, a greased-pole climbing contest, a faculty-senior class baseball game, a Spring Concert by the Glee Club and Orchestra and, above all, the recurrent public unveilings.

These public unveilings are indigenous to the Armour campus, where they have been tylish for thirty-six Junior Weeks. For no reason at all, all of a sudden a crowd of ndergraduate mobsters is likely to be seen taking the trousers off of somebody. No ood reason. Just for fun. There have been historic "depantsings," notably the Spring f '27 when a trustee, young enough to appear a graduate student, lost his striped orning trousers.

The serious side of Junior Week, the solid scientific achievement of faculty members of the Institute and investigation of members of the Armour Research Foundation, ffiliate of the Institute, is evidenced this week, by more than two hundred separate xhibits and demonstrations on Lewis and Armour campuses.

Today at Lewis notable displays of the physics, chemistry, biology and applied art epartments may be seen. A sheet-metal geyser, imitating Old Faithful of Yellowstone ational Park, will erupt every ten minutes. Chemical reactions of explosives at high emperature will be watched. The human voice will be measured by a device that gives candid camera shot of it. Organisms that make the human body what it is will be under lass for members of the public. A lah-de-dah dress and style show, with mannequins hosen from campus beauties, will intrigue the ladies.

Tomorrow and Wednesday at Armour campus a magic carpet of brilliant technological and scientific displays will be spread before visitors.

Dominating the entrance hall of the administration building will be a recently-constructed model of the projected $3,000,000 Institute campus, with more than a dozen buildings in miniature. The design, a sensational departure from conventional architectural forms, embodies the functional construction ideas of Ludwig Mies von der Rohe, internationally-celebrated head of the architecture department.

Other interesting architectural department displays will be found, with emphasis on student and faculty work of an original nature. Work in progress in all types of modern construction problems, from cottage to skyscraper, will be shown.

The organic chemistry exhibits, showing work in plastics, synthetic dress materials under examination, will be lectured on by members of the department and their student aides. How explosives are made, and how many medicinals are originated, will be xplained. Chemical elements of the every-day universe, from which many products in the verage home are fabricated, will be traced in their evolution.

The electrical engineering laboratories will be on parade under the title "What s the Watt?" The possibilities of frying small sausages by means of heat produced rom a short-wave generator, and without the use of a frying pan or a regulation fire, ill be made public.

Physics department experiments will explore basic principles of light, heat and ound as they affect daily life. A fly wheel, making 2,000 revolutions per minute, ill be given the appearance of being motionless, the device of a stroboscopic light eing used. Television developments, insofar as they are within the scope of presentaion of the Institute, will be demonstrated.

The approach of the engineer to great engineering problems by means of plats and aps, many of them drawn from historic maps of the city of Chicago, will be indicated. his will be within the scope of the civil engineering department.

The vast resources of the Institute in relation to defense training work will be utlined by tours of various shops and laboratories where they are housed. The United tates Army Ordnance gauge laboratory is at present located in the Armour Research oundation.

Dr. W. C. Krathwohl, professor of mathematics and director of the department of ducational tests and measurements, will conduct short periods of research into psychoogical testing of adults and adolescents by means of questions from radio "quiz" prorams, most of which have already been asked of freshman entering the Institute. A tandard of judgment for intelligence has thus already been set up for those answering uestions with which visitors to Junior Week may compare their own intelligence uotients.

A trick feature of Open House this year will be the "kissometer," a machine which records emotional intensity of kisses. It has proved in seasons past one of the most popular of undergraduate displays.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: TENNIS - LAKE FOREST HERE

RE: TENNIS - LAKE FOREST HERE 5/5
CHICAGO TEACHERS HERE 5/6
AT INDIANA STATE TEA. 5/7
AT BUTLER 5/8
AT PURDUE 5/9

RELEASE FOR: MONDAY, 5/5/41

With Junior Week coming up all of Tech's athletic teams display an abnormal schedule taking advantage of the week's dismissal from classes. The tennis team, however, has the toughest assignment of them all - five matches in five days - meeting Lake Forest and Chicago Teachers here on Monday and Tuesday at the University of Chicago courts, then embarking on a tour of the State of Indiana where they will meet on successive days, Indiana State Teachers College, Butler, and Purdue.

Having a seasonal record of five wins and two losses, the Engineers will have a "lust for blood" when they meet Chicago Teachers. The Profs dealt Tech one of its two defeats, 4-3. Lake Forest has been registered 7-0 in the Engineer's win column for one meeting.

Mid-seasonal adjustments in the Techawk lineup move Captain Bob Lange into the number two spot following junior Mike Schultz. Freshman Jim Ferguson has been dropped to number three and sophomore Earl Sherman, formerly number four, and junior Dick Dunworth, formerly number five, have switched places in the lineup.

The Techawks number one doubles combination of Mike Schultz and freshman Dick Larson has a record of six victories and not one defeat to mar the record.

Misfortune befell the Techawk squad last year on their annual road trip to Indiana when Lange, then playing number two, became afflicted with a lung ailment in his first match necessitating the forfeiture of one singles match and greatly weakening the doubles matches with the consequent loss of all three encounters.

According to Coach Hal Davey the Netmen should win four of the week's five matche including both home meets, Indiana State Teachers and either Butler or Purdue. Should they perform this task their record would stand at nine wins with three losses and all of their major opponents will be out of the way with seven comparatively easy matches remaining.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: JUNIOR WEEK CONCLUDES WITH JUNIOR INFORMAL AT SHAWNEE COUNTRY CLUB - 9 P.M., 5/9/41.

RELEASE FOR: THURSDAY, MAY 8, 1941

What Bastille Day is to the French, what Fourth of July is to the United States at large, is Friday of Junior Week to hordes of undergraduates and alumni of Armour division of Illinois Institute of Technology who tomorrow will wind up the thirty-sixth annual Spring festival period on that campus.

Junior Week at the Institute, beginning Monday with a one-day Open House observance at Lewis division campus, continuing with a two-day Open House period at Armour that ended yesterday, comes to its stratospheric peak tomorrow at 9 P.M.

At that time a clarinet will blow a bar of music hot as dry ice and "The Good Egg Scramble," which is the name of the Junior Class Informal dance, will jitter into being at Shawnee Country Club, near Wilmette. It will still be a matter of record well into Saturday morning or when ever "Home Sweet Home" gets itself played.

The last day of Junior Week, being what it is, begins at approximately 3 A.M. Freshman and sophomores, skulking in little bands about the sleeping campus at 33rd and Federal Streets, will begin preparing strategies and ammunition for their class rush beginning at 3 P.M. on Ogden Field.

They will make up "kidnap lists," the unofficial tabs on which members of the opponent class must be removed from circulation long before the class rush actually starts. Usually the huskiest, or the most resourceful, of the enemy is spirited to a distant forest preserve or public park and left there without his trousers. In some cases, when the kidnapee gives undue resistance, he is left without any clothes.

Also, considerable time is necessary for mixture of stench bombs, small explosive caps and other chemical devices used in the rough-and-tumble brawls that interrupt the regular order of the day's events.

Officially, all who have rested sufficiently from the dance of the preceding night following the Glee Club and Orchestra Concert in the Student Union, are to be on

hand for a greased-pole climbing contest in Ogden Field. A special grease compound, prepared in the laboratories of the Institute, and containing the lowest degree of viscosity possible, will be smeared on a thirty-foot pole for ambitious climbers.

At 10 A.M. a pie-eating contest will be conducted on the field. Rumours reaching Armour campus state a bevy of coeds from Lewis division, dressed as engineering students, will attempt to enter the contest.

One of the most colorful of all undergraduate activities of Junior Week is the interfraternity and interdepartmental pageant. Ten fraternities and six departments of the Institute will be represented by floats and stationary exhibits illustrating individual themes. Ogden Field will have the appearance of some great circus tent dressed up brilliantly as engineers and architects can manage.

A tug-of-war between junior and senior class teams will open the afternoon. At 1 P.M. fifty members on each side will begin to sweat and haul for ten minutes to a decision. By this time an immense crowd will have circled Ogden Field. A greater mingling of students from Armour and Lewis campuses will occur than at any other time during the year.

The stage will be set for the freshman-sophomore rush at 3 P.M. Available members of each class will line up at opposite ends of Ogden Field. At the barking of a gun they will charge toward the field's center where a dozen straw dummies will have been placed in a row. For a half an hour each group will contend, with the idea of bringing back to its starting point as many of the dummies as possible.

Junior class marshals, selected by vote from each department, are authorized to police this feud. They chiefly must distinguish between murder and mayhem.

The fact is usually brought out at such a time that a policeman without his pants is quite like an ordinary person, in fact, much more ludicrous. A certain delicate problem in propriety presents itself this year that never before reared its ugly head.

One of seven junior marshals is Mary Elizabeth Spies. Elected by the architectural department of the class, she is the first girl ever to have been voted a marshal

Since Mary Elizabeth accepted her position in good faith, and after sufficient warning of its consequences during the rush, some may come off the like of which has never been seen on Ogden Field.

At approximately 2:30 P.M. a procession headed by H. T. Heald, president of the Institute, and J. C. Peebles, acting dean, will walk on the battlefield and declare it neutral ground. They will present cups and medals to persons, fraternities and departments winning them in competition during Junior Week.

A feature of the "Good Egg Scramble" or Junior Informal Dance will be a contest for "the handsomest male legs of an Illinois Tech undergraduate." Bea Mathews, chorus beauty of Mike Todd's Theater Cafe, will act as judge. Miss Mathews has announced she accepted on the condition no bow-legged gentlemen were entered. An eye-straightening operation as a child left her liable to relapse, she stated.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: JUNIOR WEEK UNDERWAY AT ILLINOIS TECH: SCHEDULE FOR 5/8; OPEN HOUSE CONCLUDED 5/7; EVENTS.

FOR RELEASE: WEDNESDAY, MAY 7, 1941

A day-long whirl of social and athletic events, rising to a crescendo with an evening Spring Glee Club and Orchestra Concert, will set the rhythm of Junior Week activities tomorrow, Thursday, May 8, 1941 at Armour campus of Illinois Institute of Technology, 33rd and Federal Streets.

From Monday, when Open House exhibits and demonstrations at Lewis campus, 1951 W. Madison Street, drew hundreds of visitors, to Friday night's Junior Informal dance at Shawnee Country Club, the Institute's thirty-sixth annual Junior Week will have rushed along on an unprecedented scale to applause of the greatest crowds in its history.

Today the last stage of Open House celebration is in full-swing at Armour campus Open House, after its one-day observance at Lewis, yesterday moved to Armour, with faculty, students, alumni and friends of both divisions of the Institute joining in inspection of exhibits of laboratories and classrooms. The Open House phase of Junior Week ends tonight.

Tomorrow at 9 a.m. freshman and sophomore baseball teams will clash. At 10 a.m. junior and senior teams will meet. The school championship will be at stake when winners of these games play at 1:15 p.m.

An interfraternity track meet will get under way at 11 a.m. Greek letter societies will be vying for possession of a cup awarded annually to the keeping of the winner. At 2 p.m. a faculty-senior class baseball game will be played. These athletic events will occur on Ogden Field of the campus.

The auditorium of the Student Union will be crowded to the rafters by 8 p.m. when the Glee Club and Orchestra, under the direction of O. Gordon Erickson, take the stage. A program of an hour and one-half, with numbers selected from those used in recent radio broadcasts and on the midwestern tour of the Glee Club, will be heard.

The Orchestra will begin with Gomez' Overture "Il Guarany." A group of three numbers by the Glee Club will follow. They are the Welsh marching song, "Men of Harlech," Miles' "When All is Still," and Grode's "Song of the Dark."

The Orchestra will then accompany the Glee Club in its renderings of Grieg's "To Spring," Handel's "Largo," and "Finlandia" by Sibelius. At this half-way mark in the program, the annual Interfraternity Sing will be introduced.

Alpha Sigma Phi, Delta Tau Delta, Phi Kappa Sigma, Pi Kappa Phi, Rho Delta Rho, Sigma Alpha Mu, Theta Xi and Triangle fraternities will be competitors in the Interfraternity Sing. The membership of each will be seated in the semicircle of the auditorium's balcony dressed in light summer formal clothes.

Unlike any other undergraduate event at the Institute, the Sing holds a special place in the memory of each fraternity man who has ever participated. It approximates, in its sentimental significance, the May Morning ceremony or Easter Sing at Christ's Church College, Oxford, as a part of British university life.

Special efforts have been taken this year to make the Sing memorable. The repertoire of each fraternity has been enlarged and each group will sing contrasting arrangements of new school songs written by O. Gordon Erickson and several undergraduates.

Because this will have been the first Sing conducted under the name of Illinois Institute of Technology, formed last July through the merger of Armour and Lewis Institutes, the prize cup will hold greater significance than ever before.

Parents and friends of undergraduates, many from far corners of the United States will be in the audience. Coeds in bright colored evening dresses, some of them wearing fraternity pins and school rings acquired during Junior Week, will be intent on watching individual singers. Strains of "St. Patrick Was An Engineer" boomed forth by deep, fresh voices, will find many a long-lived faculty member, many a usually insensitive freshman, misty-eyed.

The Glee Club and Orchestra Concert will resume with the former presenting Barlett's "Sweet Little Woman o'Mine." "Absent," by Metcalf, and the "Armourer's Song," by Nevin, will follow.

The Orchestra alone will offer a group, composed of "Valse Triste," by Sibelius, "Trees," by Rachbach, and Gliere's "Russian Dance." The concluding group will be Huhn's musical setting of Henley's poem, "Invictus," and Rachmaninoff's "Prelude in G Minor." These numbers will have orchestral accompaniment.

Shortly after conclusion of the Concert, a dance sponsored by the combined musical clubs will begin in the auditorium. Fraternity houses along Michigan Boulevard, adjoining the campus, will be open to visitors and for parties.

Dawn will find a few hardy souls loping off to bed, to fortify themselves against Friday's program of events, the fullest of Junior Week.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ARMOUR CAMPUS OPEN HOUSE BEGINS TODAY; EXTENDS THROUGH WEDNESDAY: LEWIS OPEN HOUSE YESTERDAY; JUNIOR WEEK 5/5-5/10/4

FOR RELEASE: TUESDAY, MAY 6, 1941

What makes the largest technological school of the Midwest go round will be on public view today and tomorrow when Open House observance at Armour campus of Illinois Institute of Technology puts on display laboratories, classrooms and research facilities as an educational function of Junior Week.

Junior Week, which began yesterday with a one-day Open House at Lewis division, ends early Saturday at conclusion of Friday's Junior Informal Dance at Shawnee Country Club, near Wilmette. The two-day Open House at Armour campus, 33rd and Federal Streets has been a tradition for thirty-six years.

Prominent faculty members, among them leading researchers of various engineering and scientific field in the United States, will give short lectures and explanatory chalk-talks on demonstrations and exhibits in their respective spheres.

Visitors who wish may be televised. Latest wrinkles in television, in its laboratory functions, will be explained. A reception room where friends of those televised may view proceedings will be established.

A student conducted, but faculty-constructed, machine measuring emotional intensity of kisses is expected to be a leader in drawing power. Wagers made by various sororities of Lewis campus of the Institute indicate a private pool has been established to determine the sorority whose aggregate intensity is greatest.

What happens to the intelligence of the brightest students after graduation will be determined in a degree by an exhibit of the educational tests and measurements department. Forty questions, of the type asked commonly in leading radio quiz programs, will be offered to groups of alumni.

Their answers will indicate how they compare with the current freshman class, who gave answers that measured their intelligence at the time of entrance to the Institute.

The kind of answer given, aside from the point of its actual correctness, will help Dr. W. D. Krathwohl, head of the educational tests and measurements department, make his diagnoses.

The mathematics department will give all visitors a psychological shock, In a room covered with a million tiny dots in pencil or ink, a lecture on "How Much Is A Million?" will be presented. Popular errors in the thinking of most individuals on the extent of great mathematical figures will be exploded.

Organic chemistry will offer a fascinating demonstration of "cold light." An oxidyzing reaction of nascent oxygen and a compound, mixed with a reducing agent, gives a blue, intense light. A book can be read if intensity is great enough. Such intensity will be the aim of those conducting the exhibit.

Coal, wood, oil, cellulose and other basic materials, and the manufacture of every day articles from them, will be explained by chemical experts. Women's hose, wristwatches, men's suspenders and many household articles resulting from recent researches in plastics will also be commented on. Fundamental processes in the composition of an explosive and a medicinal will be included among subjects of organic chemistry programs.

In electrical engineering an amazing display of potentialities of light coming from a flash light will be shown. This light can be made to act as a carrier of the spoken word though no coils or wires are used. In the dynamo laboratory a general outline of electrical engineering will be given. Pedal-power meters, selsyn motors, an oscillograph and a stroboscope will be exhibited.

One of the most notable displays of each Open House is the annual one of the fire protection engineering department. All types of fire fighting, particularly in the preventative stages, will be pointed out. Explosions from dust bins, from faulty wiring, from spontaneous combustion sources, will be diagrammed and explained. A movie,"Approved by the Underwriters," will also be shown.

The mechanical engineering department will feature various types of internal combustion machines. Fairbanks Morse Diesel, International Harvester Diesel, and Hercules Diesel, and their practical applications in rearming America, will be explained.

The physics department will be represented by experiments showing the spectrum and colors developing from it, polarized light, liquid air, short wave radio, electromagnetism, electrical discharges in gases, optics and photography.

In a physics laboratory steel filings will be made to"grow and stand on end" about a steel core, with the general effect of hair growing on a billiard ball. A fly wheel, by means of a stroboscopic light, though turning at 2,000 revolutions per minute, will seem to stand still.

Civil engineering will have a show containing one hundred old maps of Chicago, with accompanying plats that explain most of the great engineering developments of Chicago. How the Chicago River was made to reverse its course,not always understood clearly by Chicagoans, will be thoroughly explained.

Among events calculated to dramatize manly rivalry between fraternities and different departments of the school, which participate in social activities during Junior Week, will be a whisker-growing contest. It will be judged today at 1 P.M. The winner will be subjected to a public shaving by friends.

This afternoon, sharply at 1 P.M., a pentathlon will be conducted in Ogden Field, 33rd and Federal Streets. It will include a 70-yard dash, mile run, high jump, and low hurdles events and lettermen of the track squad will not be excluded from the contest.

A note of hilarity will be brought to the campus today at 8 P.M. when a boy-and-girl troupe of singers and dancers from Lewis division of the Institute present a revue in the Student Union auditorium. Songs written by undergraduates, with lovely coeds in trick dance formations will be included. A skit marking the merger of Armour and Lewis divisions will highlight the humorous background of the revue.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC 4600

RE: TRIANGULAR TRACK MEET AT ELMHURST
ILLINOIS TECH, WHEATON AND ELMHURST 5/7

RELEASE FOR: WEDNESDAY 5/7/41

Illinois Tech's track team will meet Wheaton and Elmhurst Colleges on Wednesday afternoon, May 7th, in a triangular track meet to be held at Elmhurst.

The Engineer's have defeated Wheaton and Elmhurst in indoor meets this past winter but were nosed out by Elmhurst in a dual meet held a few days ago. On this basis it appears that the Techawks have a better than even chance of winning the meet.

An analysis of the meet leaves the winner of the 100 yard dash undecided but the 220 and the 440 are almost certain to be taken by Tech's freshman Bob Osborne. Another of the Engineer's flashy freshmen, George Erkert is good for a 2:07 half mile which will undoubtedly win that event.

The mile run promises to be a real fight between Tech's Wayne McCullough, Wheaton's Captain Dayton Cooper and Elmhurst's Captain Ted Mauch. In the Beloit Relay which were held last Friday evening McCullough covered the distance in 4:42, ample time to nose out the Wheaton and Elmhurst Captains.

The two mile will be a similar duel between Mauch and Cooper, except that McCullough will be replaced by Tech's less talented Hank Jackowski.

Illinois Tech is notoriously weak in the field events this season but shows promise of great improvement. Captain Harry Heidenreich carries the colors for Tech in the high jump, pole vault, and the javelin throw. His most serious competitors will be Chistiansen of Wheaton in the high jump and the pole vault and Rauh of Elmhurst in the javelin throw.

Heidenreich was destined to start breaking records in the javelin this season but foul line difficulties have nullified his efforts.

One of the latest finds of Coach Norm Root of Illinois Tech is John Tregay, star diver of the swimming team who has been converted into a discus hurler and shot putter. His most recent efforts have been 115' and 39'10" respectively in the two events .

Conceding the two hurdle races to George Winkley of Elmhurst it remains quite possible that the outcome of the meet may depend on the final relay and it is here that the engineers shine. Their freshman medley relay team placed third in the Beloit Relays with one but exceptionally slow 220 yard leg.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BEST MALE LEGS AT ILLINOIS TECH TO
BE CHOSEN TONIGHT AT
JUNIOR INFORMAL, SHAWNEE COUNTRY CLUB.

FOR RELEASE: FRIDAY, MAY 9, 1941

Curves may help to make a woman's legs what poets write about but do curves in a man's legs mean anything other than he is bowlegged?

This profound question may be settled tonight at the Shawnee Country Club, near Wilmette, when Bea Mathews, strip-tease star of Michael Todd's Theater Cafe, where she has succeeded Gypsy Rose Lee, chooses the owner of the best male legs among Illinois Institute of Technology students.

Fifty contestants in this manly gam derby will be among three hundred students and their partners who will be enjoying the "Good Egg Scramble," or Junior Class informal dance. All contestants will be barred from wearing opera-length silk hose, an expedient of lissome ladies, according to Richard Talcott, junior fire protection engineer, chairman of the dance committee.

The committee confesses to puzzlement regarding what other ground rules to enforce in the contest, Talcott says.

Should owners of very swarthy legs be classed separately from red-haired or blonde competitors? Should a pair of knock-knees that are outstanding be awarded a booby prize?

The contest winner will receive a pair of blue garters, with her name worked into the design, from Miss Mathews. The dance will be interrupted at 10:45 p.m. to allow judging to take place.

The Junior Class informal dance will come as the crowning event of a week-long celebration on the Institute's Lewis and Armour campuses of Junior Week, a tradition for thirty-six years. A one-day Open House observance took place at Lewis Monday. Tuesday and Wednesday Open House was observed at Armour.

Yesterday and today a schedule of athletic and social events involved undergraduates. Class baseball games, the winning class team to be awarded a cup,

pentathlon and an interfraternity track meet, a faculty-senior class baseball game and the Spring Concert of the Glee Club and Orchestra followed each other yesterday. The Interfraternity Sing took place between groups of the Spring Concert.

Today a greased pole contest, a pie-eating contest, an interfraternity and interdepartmental pageant, with floats and stationary exhibits, a tug-of-war between junior and senior classes and a freshman-sophomore class rush are listed. The class rush will begin at 1 p.m. in Ogden Field, 33rd and Federal Streets. At 2:30 p.m. a presentation of awards to contest winners of Junior Week will take place.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH BASEBALL TEAM MEETS CHICAGO TEACHERS COLLEGE THERE; TRACK TEAM AT ELMHURST INVITATIONAL MEET; BOTH TODAY, 5/10/41

FOR RELEASE: SATURDAY, MAY 10, 1941.

Memory of a 7-6 defeat in ten innings, suffered eight days ago at the hands of Chicago Teachers College, will nestle in back pockets of Illinois Tech baseball players next to tobacco plugs when they engage the same foe today at 2:30 p.m. in Ogden Park, 69th Street and Racine Avenue.

For though they outhit the Teachers in their last meeting, the Techawks couldn't claim a moral victory since they committed more infield and outfield errors, and on their home diamond, than in any two previous games of the season.

Simply on the strength of feeling they are, normally, a better team, the Techawks will this afternoon pick up their bats with a burning desire for revenge. They have shown in their last four games they can hit any kind of pitching. They have indicated against teams they can get the jump on, they can play like a high-powered unit.

But the Engineers have also demonstrated they are laggard, for innings at a time when an opponent scores heavily in early innings. The desire to respond in kind seldom seems to take hold before the seventh inning. Coach Bernard "Sonny" Weissman will send out his boys today with instructions to hit everything, and immediately.

Though the Teachers College tilt is not a game in the Northern Illinois College Conference, the Techawks will use Alex Yursis, first-line hurler, to mow the enemy down. Al Dambros, clever port-side slinger, will relieve him if necessary.

At first base "Hod" Carrier seems to have supplanted Ray LaGodney, who, though a better hitter, has trouble fielding infield bunts. Mario Silla, entering the line-up at third base two weeks ago when regular Bill Grosse broke his leg, is the star of the infield combination. Fielder Bill Hackbarth continues to lead the team in batting, smiting the apple at a .541 clip.

An annual standout event on the Techawk's outdoor track calendar is the Elmhurst College Invitational meet. The Techawks, represented by a full squad, will be at major seasonal strength. Wednesday's three-way meet at Wheaton College, in which Illinois Tech placed second to its hosts and beat Elmhurst College, was a thriller.

Wheaton's margin of victory was a fraction of a point. The times of winners in the 440-yard dash, the mile relay, and the low hurdles, event taken by Tech, show that Coach Norman Root's men are in fine fettle.

Though not ranked likely to place among the first three competing schools, since strong Loyola University, North Central and Northern Illinois State Teachers College teams are entered, the Scarlet and Grey may be in the points column in field events, with Jack Tregay putting the shot, throwing the discus and hurling the javelin. Captain Harry Heidenreich will also perform the latter two chores. Bob Osborne, who will be a man to beat in the 440-yard run and century, will run the anchor leg on the one-mile relay team. Wayne McCullough will run the mile and will have to compete against a strong field, many of his opponents having made better times in the Illinois Tech Relay Games last winter.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ATHLETIC AWARDS OF ILLINOIS TECH
SPORT YEAR MADE AT STUDENT ASSN.
BANQUET: LAKE SHORE ATHLETIC CLUB
6:30 P.M. TODAY, 5/13/41

FOR IMMEDIATE RELEASE

Forty-nine letters and other awards will be presented to members of teams in five sports tonight at 6:30 o'clock, Wednesday, May 13, 1941, when the Illinois Tech Student Association plays host to the school's athletes at a banquet in the grand ballroom of the Lake Shore Athletic Club.

Ed Cochrane, of the Chicago Herald-American, and Marvin McCarthy of the Chicago Daily Times, will be among sports editors who speak. Hal Totten, NBC, and Pat Flannagan, WJJD, radio sport personalities, are other speakers. Bob Elson, WGN sports commentator, is likewise expected to talk.

John Schommer, athletic director and director of placement of the Institute, will introduce speakers and present major, minor and manager's letters to undergraduates. This year's banquet, first of its kind since merger of Armour and Lewis Institutes into Illinois Institute of Technology, will combine features of traditional Fathers' and Sons' and Athletic Association dinners, which it will replace.

In addition to awards for athletic achievement, distinctions merited by school leaders will be cited. Among those honored will be men and women students of both Armour and Lewis campuses. Fathers of students will accompany them.

Awards for all sports, except track and baseball, which are still in season, will be presented. They will be divided as follows:

For basketball, ten major, five minor and a manager's letter; for freshman basketball, ten freshman and a manager's letter; for boxing, one major and seven minor letters; for wrestling, eight major, five minor and a manager's letter; and for swimming, seven major, four minor and a manager's letter.

Sweaters will be given ten members of the Rifle Club's team.

The following lettermen are candidates for graduation this June:

Basketball, Henry Sliwa, John Brierley, Robert Schmidt; boxing, Ernest Colant; wrestling, Biago Nigrelli, Albert Sanowskis; swimming, Arnold Blume, William Powers.

Announcement is made by the athletic department of the illness of Coach Norman Root, since 1935 mentor of indoor and outdoor track teams of the Institute. He is under observation at the Municipal Tuberculosis Sanitarium and will be relieved of his coaching duties for the balance of the track season.

A great middle distance runner of the University of Chicago during the early thirties, Root was a member of the record-setting Maroon relay team of 1930 which dazzled spectators at the Penn Relays. His record as coach has been highly successful, many of his runners having competed brilliantly in the heaviest of competition in the Institute's Relay Games and in meets against much larger schools.

-JCM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASEBALL - CONCORDIA HERE 5/15
TRACK - AT LOYOLA 5/15
TENNIS - AT MARQUETTE 5/15

RELEASE FOR: THURSDAY, 5/15/41

Thursday, May 15, will find most of the Techawk athletes engaged in competition as the baseball team entertains Concordia at 3 P.M. while the trackmen travel to Loyola and the netmen battle Marquette in Milwaukee.

The luckless baseballers seem to have everything except that vital winning spark to put across the winning tally. Coach Weissman's boys are hitting and the fielding is good except for the first few innings when the opposition builds up a lead that the Engineers could probabaly overtake if the game were permitted to continue past the ninth inning. A ray of hope exists, however, in the fact that Concordia is the source of the only Illinois Tech win this year.

Reserve pitcher Bill McDonough will most likely get the starting assignment in place of regular Alexander Yursis who had to replace Al Dambros in the second inning of Tuesday's encounter with De Kalb. His receiver, Captain Bill Bauch has been hot with the stick of late with seven out of ten hits in the last two games, including two doubles and a three bagger.

The trackmen, with a superiority in the field events will match their talents against the Ramblers and depend heavily upon Freshman Bob Osborne, in the 220 and 440, and Wayne McCullough, distance man to make serious indentations in Loyola's traditionally strong events and possibly win the meet. Captain Harry Heidenreich in the pole vault and javelin throw and John Tregay putting the shot and throwing the discus are counted as certain scorers for the Engineers.

Tech's netmen have been by far the most successful of any of the Techawk teams this year with nine wins as against three losses, University of Chicago, Purdue and Chicago Teachers. With seven games left on their schedule, Thursday's encounter with Marquette is the only one that gives them any concern.

The cream of this outstanding crop, however, is the number one doubles combination of junior Mike Schultz and freshman Dick Larson who have bowed to but one opponent, Purdue, 6-4, 6-4, in the twelve matches played to date.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASEBALL TEAM MEETS AUGUSTANA COLLEGE AT OGDEN FIELD, SATURDAY, 5/17/41; 2:30 P.M.; LAST HOME GAME.

FOR RELEASE: FRIDAY, MAY 16, 1941.

Turning to the home stretch in its sixteen-game season, Illinois Tech's baseball team plays Augustana College of Rock Island tomorrow, Saturday, 5/17/41, at 2:30 p.m. at Ogden Field, 33rd and Federal Streets, in its last 1941 home game.

After tomorrow only three road tilts remain to be played and the season will be wrapped in mothballs. Elmhurst, Wheaton and Northern Illinois State Teachers (DeKalb) Colleges compose this trio.

Against Augustana Coach Bernard "Sonny" Weissman will probably start southpaw Al Dambros, in the hope that if warm weather prevails he will come through with the sparkling performance he has hinted at several times earlier this Spring.

Dambros was driven off the mound in a second-inning barrage of nine hits Tuesday when DeKalb met the Scarlet and Grey at Ogden Field. Cool winds from Lake Michigan kept the field too breezy for Coach Weissman's sophomore hurler and he hardly got under way when the Teachers began to hit him repeatedly.

Still troubled by the problem of adequate first-base coverage, Coach Weissman has shifted Jack Byrne, a sophomore basketball flash to that post. Ray LaGodney and Marvin "Hod" Carrier, contesting the place from opening of the season, had bobbled so badly in several contests that Byrne, an inferior hitter, had to be given his opportunity.

At this stage of the season a backward glance reveals infield errors have been the nemesis of the Engineers. Pitchers Alex Yursis, Dambros and Bill McDonough, with support in critical moments, would have a .500 per cent higher pitching averages and the winning average of the team would have been immeasurably higher.

Left fielder Bill Hackbarth, though benched Tuesday for a desultory performance at bat against De Kalb, is the team's leading hitter and will likely remain so. Lead-off man and catcher Bill Bauch, co-captain, with a batting average of .346 does not

pproach Hackbarth's .500-odd mark but has the commendable habit of hitting in pinches. rank Pfeffer, shortstop, as well as the team's three pitchers, hits well above the 300 level.

What hope for development at this time of promising material for next year hiefly concerns Dambros, a catcher to replace Bauch, graduating in June, and hitters o replace outfielders Bill Krause and Bill Hackbarth.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: WEEK OF SPORT AT ILLINOIS TECH
5/19 - 5/24

RELEASE FOR: MONDAY, 5/19/41

The week ending May 24th will see the Illinois Tech track team completing the current season. The baseball team plays a double header against a conference opponent and a single game against Big Ten competition. The highly successful tennis team seeks three more victories to add to the present string.

The trackmen travel to Wheaton for their final engagement on Wednesday, May 21, where they will be without the services of their coach, Norm Root. Coach Root was compelled to retire indefinitely due to illness.

Captain Harry Heidenreich will rely upon Bob Osborne to carry the heaviest burden of point gathering in this contest. Bob was voted the most outstanding freshman athlete in the school by the honorary athletic society last week for his performance in the dashes. Captain Heidenreich is expected to score heavily in the pole vault, high jump, and javelin throw.

Their first game being rained out, the baseball team is compelled by league rulings to play a double header of two seven inning contests at Elmhurst on Wednesday, May 21. At the present time the Techawks have defeated Concordia twice and bowed to Wheaton and North Central in games of the Northern Illinois Collegiate Conference for a .500 average. The big game of the year of course is the University of Chicago contest to be held on Saturday, May 24, and from present indications the Engineers stand ready to give the Maroons a real battle.

A somewhat shaky team at the start of the year, the Tech nine has seasoned to the point where fielding is almost flawless. Hitting has always been good against all pitching and the pitching staff is considerably above the average.

Entertaining Northern Illinois State Teachers college of DeKalb on Wednesday, May 21, and traveling to Concordia on Friday, May 23, and Loyola on Saturday, May 24, the netmen expect to coast along while annexing three more victories to their present string of nine. The racketeers have previously defeated Loyola and DeKalb decisively and Concordia is conceded to be a "soft touch."

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: HAROLD VAGTBORG, DIRECTOR OF ARMOUR RESEARCH FOUNDATION, RETURNS FROM SOUTH AMERICAN TOUR OF NATIONAL RESEARCH COUNCIL.

FOR RELEASE: SUNDAY, MAY 25, 1941.

South America is an awakening colossus whose favor is being curried by the United States, Great Britain and Germany in a bitter trade fight of which hemisphere defense is an important overtone but by no means the dominating reality.

This is the basic conclusion of Harold Vagtborg, youthful director of Armour Research Foundation, affiliate of Illinois Institute of Technology, on his return last week from a fifty-day investigation of America's "good neighbor" continent as a member of a committee under auspices of the National Research Council.

Vagtborg was one of three Chicagoans picked for the committee. It included twenty-one leading industrialists, technologists and research experts of the nation, and was sent with joint backing of the National Research Council of National Academy of Sciences, Nelson A. Rockerfeller, Coordinator of commercial and cultural relations between the Americas, and Jesse H. Jones, secretary of commerce.

"The majority of the ten South American republics look on the United States as a friendly political force, desire increased trade relations with us and are fervent in hopes for heavy capital and technological investments of American firms in the various countries," he said.

"But they are amazed by vigorous British assumptions that the United States will be at war very soon, backing up a British Empire, when that Empire is not only attempting to hold its own in South American shipping and commerce, but aggressively competing with American firms.

"It is somewhat of a shock for an American to return to this country and hear the cry that our merchant shipping, in part, should be turned over to a nation that is a prime competitor, so to speak, for commerce in South America, when that nation (Britain), actively carrying on shipping operations in South American waters, should

be expected in time of war to be putting all of her merchant marine into the war life-line effort.

"British interests control the greater part of the English-language newspapers of South America. These papers confidently reflect the English by-word in South America: 'Business as usual.'

A large English department store in Buenos Aires had in its display windows a bale of goods from a ship shelled on its way from an English port to South America. Bullet holes perforated it. When one saw the 'business as usual' stamp on this goods he realized what was meant. As far as these shippers were concerned, there was not only to be no relaxation of their trade, but benefits of American capital, pumped into the veins of South American commerce at this time, are welcomed to the Empire at an increasing rate.

British craft line the harbors of South American ports, Vagtborg said, greatly outnumbering American and other nationals' vessels. He made a particular point of visiting harbors of Columbia, Ecuador, Peru, Chile, Argentina, Uruguay and Brazil, he declared, after this anomaly of the international traffic situation struck him.

"Our commercial competition with Germany is another matter," Vagtborg pointed out.

"There are sections of or groups in South American republics that are heavily Nazi in sympathy. Chile, for instance, has the famous Industrial Institute of Santa Maria, near Santiago, which has unsurpassed equipment and a very competent faculty. A few years ago, a fortune being left by Santa Maria, a philanthropist, almost an entire faculty and all equipment were imported from Germany.

"Wherever there has been technological or scientific advance in South America, German influence has had much to do with it. However, it must be remembered that American political idealism is the original of most of the constitutions of the ten republics and their sympathies are much closer to American ways of life."

America's delinquency in the matter of "good neighbor" relations with South American republics, though it has allowed England and Germany to get a head start in sections that might as easily have been susceptible to American overtures if any had been made, will not prove to be an insuperable handicap, Vagtborg stated.

"The United States has always, through some of its banking and industrial circles been represented in South American commerce on a sizable scale. The nitrate deposits of the Guggenheims in Chile alone represent a $200,000,000 investment.

"Heavy industries which South America lacks so badly can be best supplied by North American interests. Recently our government subsidized Argentina and Brazil. The former was advanced $110,000,000, the latter $25,000,000 for a steel industry with the provision that another $20,000,000 for this enterprise be raised in Brazil."

An amazing fact of industrial life in South America is the reluctance of families with immense fortunes to invest them in types of businesses other than that which earned their wealth, Vagtborg declared.

"This slowness to discover means of investment for accumulated capital has proved unhealthy for the republics in general," he observed.

"This feeling is reflected partially in the attitude of the peasant workman, who is difficult to persuade to adopt large-production methods for manufacture and marketing of his products. In Colombia a maker of art objects from kiln materials, for instance, clings rigidly to his conception of himself as the individual artist, lavishing overmuch time and care on his product.

"While this may be admirable as an aesthetic conception, it has meant the absence in the real sense of a middle class, with the extremes of peasantry or virtual serfdom on one hand and concentrated patrician wealth on the other. Where the individual worker has learned modern methods of production, and his type is rapidly increasing, the rise of a self-sufficient, well-provided-for middle class is seen."

Lack of proper communication and transportation between a South American republic and its neighbor has been a great handicap which North American impetus will help to overcome, Vagtborg said.

"In all the time I was in South America I don't remember having seen a single coal-burning locomotive. Wood-burning locomotives are common. Brazilians utilize some of their coffee surplus by burning it as locomotive fuel. Corn is used by Argentina for the same purpose. Peru has coal and it is mined on a small scale elsewhere. Oil is plentiful in several of the republics but little industrial adaptation of it has been effected generally.

"Much building in cement, which is a common product in most of the republics, has been done. It must be remembered, however, that the great proportion of the population which is Indian or of mixed origin, lives under conditions similar to the worst parts of the south of the United States.

"Peru is most advanced as a builder but is woefully lacking in roads by a North American standard. The Pan-American highway stretches, in its unfinished stage, down a good part of the west coast, and provides pleasant riding.

"So poor has transportation been, both as to roads and railroads, that there has been relatively little commerce between many of the republics. The coming of the war meant loss of European markets for many of these governments that should have been engaging in greater commerce with one another.

"Colombia, for instance, is relatively undeveloped as an agricultural country when we consider what a supply-bin it could be for its sister republics. It has several variations of climate and fine soil in many sections.

"Brazil, for example, imports a large supply of melons from Portugal, even though fine melons are grown in Chile, as well as in Peru and Argentina. These and many other agricultural products must be transported slowly in South America, since passage from one republic to the next is often by coast-wise vessels. A product is tediously brought from deep in the interior down to a sea-port town and then sent by boat north or south to the next port destination."

With Brazil as an exception, no extensive scientific or engineering application in industry have been made on the continent, Vagtborg claimed. Chile, with Santa Maria

Institute, and the superior University of Chile at Santiago, is well-thought-of educationally throughout the other republics. There is a great demand for graduates of Chilean schools.

"All South American schools are extremely anxious to exchange students, though it has been shown South American students in North American schools often are unhappy or unsuccessful in these foreign backgrounds," Vagtborg declared.

"The ideal situation from the South American viewpoint is to import professors, and I believe at least 500 of them could be placed at once. It is with great difficulty, though, that American professors can be persuaded to raise their families out of the United States and thus many are not anxious to stay for any length of time in South America."

Most progressive city in the industrial sense is Sao Paulo, Brazil, with a population of approximately 1,500,000 and a variation of manufactured products that exceeds any two competitors in South America, Vagtborg said. Its seaport is Santos, great coffee-exporting center.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: LEWIS DIVISION SENIOR CLASS GIVES ANNUAL SENIOR INFORMAL PROM JUNE 7 AT STEVENS HOTEL TOWER ROOMS-POPULARITY QUEEN ANNOUNCED.

FOR IMMEDIATE RELEASE.

The most popular girl of Lewis division of Illinois Institute of Technology, chosen by secret ballot, will be announced at the annual Lewis senior class informal prom Saturday, June 7, 1941, at the Tower Rooms of the Stevens Hotel.

Divulging of the popularity queen's name will bring to an end speculation rife during days following June 2, when voting will commence. Feverish buttonholing, horse-trading and other bandwagon campaign tactics will accompany the election, peak of school year sorority and fraternity politics.

Hope that Mainbocher, famous couturier, late of Paris and now of Hollywood, will be on hand to present the popularity queen with a gown of his design was expressed by John Ferraro, prom chairman. The designer, a Lewis alumnus, may be prevented from attending by press of his working schedule, it was learned.

A "powderpuff parade," in which outstanding candidates for the popularity title will take part, will be staged before announcement of the winner. Ten rules for a coed's attaining popularity will be read by a male member of the prom committee, the men members of which will draw up the rules.

Assisting Ferraro on the prom committee are Lowell Stevenson, Thomas Cafcas, Bernard Silver, Florence Alder and Miriam Walker.

John Ferraro, 2933 West Arthington Street, a liberal arts and sciences student, is president of Lewis Chemical Society, a member of Lewis Rifle Club, treasurer of the senior class, a member of Daedalians fraternity and of Pi Lambda Epsilon. He is a graduate of Crane Technical High School.

Cafcas, 8250 South Bishop Street, a liberal arts and sciences student, is a member of Lewis Rifle Club, is active in intramural sports, a member of Daedalians fraternity, and Lewis Chemistry Club. He is a graduate of Calumet High School.

Stevenson, 2457 Jackson Blvd, a graduate of Austin High School, is president of Lewis Rifle Club, vice president of Lewis Chemistry Society and a member of Daedalians fraternity.

Miss Alder, 4938 North Hamlin Avenue, a home economics major, is a member of the Lewis Glee Club, Lewis Drama Club, Kappa Phi Delta Sorority, and the Home Economics Club. She is a graduate of Von Steuben High School.

Miss Walker, 1706 South 5th Avenue, Maywood, a liberal arts and sciences student, is a member of Kappa Phi Delta sorority, is president of Lewis Glee Club and has been a staff member of Technology News, undergraduate weekly. She is a graduate of Proviso Township High School.

Silver, a member of Lewis Rifle Club, has been accompanist for the Varsity Show, undergraduate song-and-dance group. He is a graduate of Lakeview High School. He lives at 820 Addison St.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: FIRST ANNUAL BACCALAUREATE SERVICE OF ILLINOIS TECH; ORCHESTRA HALL, SUNDAY, JUNE 8, 11 A.M.; DR. HAROLD W. RUOPP.

FOR RELEASE: SUNDAY, JUNE 1, 1941

Commencement week at Illinois Institute of Technology will open next Sunday (June 8, 1941) with delivery of a baccalaureate sermon by Rev. Harold W. Ruopp, minister of Central Church, at Orchestra Hall (11 a.m.).

Rev. Ruopp will address the first graduating class of the Institute, representing both Armour College of Engineering and Lewis Institute of Arts and Sciences divisions, on the subject "He Took It Upon Himself."

Approximately 379 graduates, whose commencement exercises take place Thursday, June 12, at 8:15 p.m. at Civic Opera House, will assemble in caps and gowns for the baccalaureate service, the first occasion on which they will have met in a body during the current school year.

Rev. Ruopp, since a year ago September holding the pulpit of Central Church, will at the request of Institute authorities, be repeating the first sermon he made on coming to his Chicago pastorate.

Included among men and women students in his audience will be forty-eight graduate degree candidates of Armour division, 206 bachelor of science candidates of the same division, and 125 bachelor of science candidates of Lewis division, Officers of the administration and faculty will attend in a body.

Rev. Ruopp will develop his theme on the broad outline of the realization every man must have of his obligation to his fellow man. This obligation must express itself, Rev. Ruopp will contend, through acts of brotherly love and noblesse oblige.

"All human beings must sooner or later face the fact of need in the world," he will begin.

"Persons you and I know classify themselves for us by the manner in which they react to the fact of human need. This classification is inescapable since man is preminently a social being, with dependence on his fellow-man and interlocking activities that presuppose kindness extended to and by that fellow creature.

"Some persons we observe over the years apparently never see this obligation to face the fact of need. They act, not only immorally but amonally, as if it need not touch upon their existences. Others respond by raising silly questions about the manner of procedure they will adopt to alleviate an ill or blot out an injustice.

"Still another group says, 'Somebody ought to do something about this situation but I won't because it is none of my business.' Just what they define as their business no rational person could say. It seems as if anything, or everything, is a selfish person's business until he finds he will lose something by extending himself to do a kindness.

"At a time when the world again seems headed for ages of darkness, the individual anarchy caused by selfishness seems to have taken on a concrete, collective meaning and expression. Whole nations, and international groups of mankind, have assumed the prerogatives of God and have succeeded in denying not only everyday kindnesses to their fellow-men but even the very breath of liberty, which the dignity of the individual soul demands.

"Young men and women about to embark on the journey of complete living, for which rigorous and selective educational facilities have fitted them, must be put in mind of the experience of the ages in these matters.

"You must, each one of you, resolve to watch for the fact of human need in everyday life. You must resolve to become technologists of the human spirit, perfectionists in the matters where human good will and kindness are the oils that allow the wheel of daily intercourse to function.

"You must become, not merely remaining what you are, the bachelors of sciences, the masters of sciences, the doctors of engineering and the like, but bachelors of human dignity expressed through self-respect and self-extension in kindness, the masters of the arts and sciences of living nobly through good works, and the doctors of engineering that probe problems of the human heart and spirit in charity."

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: TENNIS - AT CONCORDIA 5/23

FOR IMMEDIATE RELEASE

With thirteen victories to their credit, the Illinois Tech netmen will seek number fourteen in a contest at Concordia College tomorrow afternoon, May 23rd.

The powerful Techawk squad has lost three matches this season, two to Big Ten schools - University Chicago and Purdue - and a third to Chicago Teachers College. This last loss has since been avenged by a 5-2 conquest by the Techawks in a return match.

Among those conquered by the Engineers are Loyola, DeKalb, Lake Forest, and Indiana State Teachers College, all victims of two defeats and Tech has single decisions against Wabash, George Williams, Butler and Marquette.

Playing number one for the Techawks is junior Mike Schultz. Due to the uniformity of quality of the Engineer squad, however, Mike has won but about fifty per cent of his matches. Nevertheless, he is still seeded as Tech's best man.

Captain Bob Lange plays the number two spot for Tech. Lange, a senior in fire protection engineering, has made a marvelous recovery this season from the illness which befell him at mid-season last year.

A freshman, Jim Ferguson, is playing number three, with sophomore Earl Sherman and junior Dick Dunworth completing the group of singles contestants.

Another freshman, Dick Larson, has been setting the world on fire as a result of his doubles play while teamed with Mike Schultz. To date, they have lost only to a strong Purdue combination.

The remaining doubles match has been played by almost every combination possible on the squad, and the most successful seems to be that of Captain Lange and Jim Ferguson

Following the Concordia tilt the Techawks have two games, a home-and-home series with Wheaton. Here on Tuesday, May 27, and there on Saturday, May 31.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC 4600

RE: LAST WEEK OF SPORT SEASON FOR TENNIS, BASEBALL AND GOLF TEAMS; NETMEN CONTINUE WINNING STREAK.

FOR RELEASE: MONDAY, MAY 26, 1941.

With graduation activities approaching and the hot breath of draft claims on their necks, Illinois Tech athletes this week swing into final contests of the Spring sports program, the baseball and tennis teams moving out of town and the golf team winding up at home.

Tomorrow (Tuesday, May 27) Coach Bernard "Sonny" Weissman will send his Scarlet and Grey baseball team against Wheaton College at Wheaton and Thursday (May 29) will accompany his boys to Northern Illinois State Teachers College (DeKalb) for the season's concluding tilt.

After a disastrous early season, in which out of nine games only one was a victory, the baseball team has geared itself to a winning pace, having defeated Concordia, Augustana, and Elmhurst (both games of a double-header), meanwhile showing amazing hitting and fielding strength.

Tomorrow's meeting with Wheaton will determine the ultimate place of Illinois Tech in the Northern Illinois College Conference league, in which opponents beating the Techawks have been North Central (twice), and Wheaton (once). As Concordia has been beaten twice, and Elmhurst the same number of times, these victories plus a win over Wheaton tomorrow will mean a .500 league average for the Techawks.

Coach Hal Davey's tennis aggregation has been the talk of Tech's campus and bears one of the most remarkable seasonal records in recent annals of Scarlet and Grey sports. Friday's win against Concordia at River Forest by a 7-0 score was characteristic of Davey's netmen, whose total at this date is thirteen victories out of a possible sixteen

Today (Monday, May 26) they play Chicago Teachers College as a return engagement with a foe that beat them barely at the beginning of the season. Tomorrow (Tuesday, May 27) Wheaton will be engaged here and Saturday (May 31) the same foe will be met on its home grounds.

Tech's golf team will journey to Western State Teachers (Kalamazoo) Thursday, May 29 to close a season which has been desultorily played, since frequent rainouts have occurred.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ALUMNI BANQUET
KNICKERBOCKER HOTEL, 5/27/41 - 6:00 P.M.

RELEASE: FOR WEDNESDAY, MAY 28, 1941

The Alumni Association of Armour Institute of Technology, assembled last night, Tuesday, May 27, 1941 in the Knickerbocker Hotel, held what may turn out to be the last annual get-together of that venerable association.

For many years the Alumni of Armour Institute of Technology were in the habit of holding an annual meeting and bestowing awards upon distinguished alumni of that fifty-year old school. This year, however, although tribute was paid to Armour alumni, and an award of merit was given to a graduating senior of Armour College of Engineering division of Illinois Tech, the occasion was much in the nature of a farewell party to the old association.

According to J. Warren McCaffrey, prominent loop patent attorney and alumni president, the association as a whole took action to form a negotiating committee for the express purpose of dissolving the present Armour Alumni group in favor of forming a new organization to be known as the Alumni Association of Illinois Institute of Technology, merging the former with the Lewis Alumni Association.

The whole affair may be traced back to the summer of 1940 when the trustees of Armour Institute of Technology and Lewis Institute took final action to merge the two to form Illinois Institute of Technology. Following this action the separate alumni organizations undertook to study the situation so far as alumni affairs were concerned, and the committee taking such action, reporting last night, recommended that representatives of both organizations and representatives from classes of the merged schools already graduated, notably the classes of Illinois Institute of Technology graduated in February 1941 and those graduating in June 1941, meet to formulate plans for the formation of the Alumni Association of Illinois Institute of Technology. The recommendation was accepted and it seems reasonable to expect that action will be taken shortly to form the new association.

Speakers at the meeting included James D. Cunningham, chairman of the Board of Trustees of Illinois Tech, who explained the action currently underway to raise sufficient endowment to construct a new $3,000,000 campus for Illinois Tech. H. T. Heald, President of the Institute, explained the combined educational program of the Institute and its effect upon the community. Nathaniel Leverone, noted Chicago humorist, entertained the guests. The combined Glee Club and Orchestra of the Institute presented a short concert.

Awards for distinguished service both to the community, the school, and to industry were made to three alumni and a senior of Armour College. The Armour Alumni Service Award Key was presented to Roy M. Henderson, class of 1902, electrical engineer, and vice-president of United Engineers and Constructors, Inc., Chicago. According to J. Warren McCaffrey, President of the Association, the award was made in "recognition of the loyal and willing service he has rendered in the interests of the Alumni Association of Armour Institute of Technology."

Robert I. Wischnick, prominent President of Wischnick-Tumpeer, New York City, and William F. Sims, chief electrical engineer of Chicago's Commonwealth Edison Company, received joint awards for "distinguished service" to their professions. The citations, according to President McCaffrey, were for "distinguished services that reflected credit upon themselves and their alma mater by outstanding accomplishments in their particular fields."

Robert Wischnick graduated from Armour Institute of Technology as a chemical engineer in 1914 and built the largest industry in existence today in the carbon black field. William Sims graduated from Armour Institute in 1897 as an electrical engineer, served in the United States Army during the Spanish-American War, and has served with Commonwealth Edison since 1916.

The final award of the evening was made to Charles McAleer, Jr., chemical engineer, June 1941. The award was made in recognition of his outstanding abilities as a student, both from the standpoint of scholastic ability and extra-curricular activities, as a student in the Armour College of Engineering division of Illinois Institute of Technology.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH TRACK TEAM ELECTS
CO-CAPTAINS FOR 1941-42

RELEASE: FOR SATURDAY 5/3/41

In a post season meeting the Illinois Tech track team named Wayne McCullough, 6650 Van Buren Street, Hammond, Indiana, and Richard Barry, 2201 W. Cortez Street, Chicago, to serve as Co-Captains for next year's campaign.

Wayne McCullough is the first of Tech's co-operative students in mechanical engineering to achieve this honor. While attending Hammond High School in Hammond, Indiana "Mac" ran the mile in 4:37 and the half mile in 2:04.3. To date, he has not broken those marks in collegiate competition but has won the majority of his races, showing the excellence of his high school records. Wayne might easily be called a coaches dream for he does almost everything, and does it well. He fills in the teams weak spots.

In the track events, one may count on "Mac" to run a 56 second quarter, 2:08 half, 4:42 mile, and a 10:46 two mile. In the field events Wayne will high jump 5'6", and pole vault 11'.

Reporting for practice late in the spring of 1940 McCullough scored 22½ points in three meets and has scored seventy points this past season. A refinement to his old high school conditioning would undoubtedly make him a standout star but his scholastic program on the co-operative system of eight alternate weeks of work and school restrict his workouts. While working, Wayne is employed in the maintainence machine shop of the American Steel Foundries in Hammond, Indiana. On the campus, he is an active member of Alpha Sigma Phi social fraternity.

Richard Barry, a junior in chemical engineering, shares the Captaincy, and should prove to be a great organizer. While a student at McKinley High School in Chicago, Dick organized, coached, and managed McKinley's first track squad besides playing tackle for the football squad. In those days Dick specialized in the pole vault but competed in everything. Nowadays, however, he confines himself to timber topping.

In three years of collegiate competition, Barry has developed to the position of Tech's second highest scorer while competing in only two events, the high and low hurdles. In scoring 76 points this year he averaged 6 2/3 points per meet running two events, or in other words averaged better than second place every time he competed. His best recorded time for the past season was a 26.5 second 220 yard low hurdle race at Elmhurst.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: COMMENCEMENT EXERCISES
SECOND ANNUAL - ILLINOIS TECH
JUNE 12 - CIVIC OPERA HOUSE - 8:30PM

FOR IMMEDIATE RELEASE.

Albert W. Hawkes, president of the United States Chamber of Commerce, President and Chairman of the board of nationally known Congoleum-Nairn Corporation of New Jersey, will deliver the commencement address to 360 graduating students of Illinois Institute of Technology. The exercises will begin at 8:15 P.M. Thursday, June 12, 1941 in the Civic Opera House.

This announcement was made by President H. T. Heald, who revealed the fact that this commencement will be the first of the recently formed Illinois Tech.

Because of the exceptionally large class of graduates, Institute officials, according to President Heald, found it necessary to change the locale of Commencement Exercises to the Civic Opera House. In former years, each of the separate Institutions were in the habit of holding exercises in school assembly halls or such places as the Goodman Theater and the Museum of Science and Industry. With the merger, however, the combined senior classes totaled such a large number that it was necessary to make arrangements for a larger auditorium.

Baccalaureate Services, traditionally one of the most colorful services preceding actual commencement will be held in famous Central Church. The Reverend Harold Ruopp, minister of Central Church, will deliver the Baccalaureate Sermon. The theme of his Sermon will be "He Took It Upon Himself".

Albert Hawkes will address approximately 360 graduating students during commencement exercises. Among these are included 125 students in arts and sciences of the Lewis Institute of Arts and Sciences division, 207 students of the Armour College of Engineering division, and 27 graduate students in engineering. In addition to this number, the Institute will also present three honorary degrees. The names of the recipients of the honorary degrees have not as yet been released.

Mr. Hawkes is nationally known for his interest in industry and business in the United States as president of the United States Chamber of Commerce. Besides being President and Chairman of the Board of Congoleum-Nairn of Kearney, New Jersey, he is President of Bonded Floors Company of Canada, a Director of Michael Nairn & Greenwich, Ltd., of London, Director of Technicolor Motion Picture Corporation, and Director of Technicolor, Inc.

Mr. Hawkes is also Director of the New Jersey State Chamber of Commerce, National Association of Manufacturers, and Metropolitan Junior Achievement, Inc. He is a member of the Board of Governors of the Union League Club of New York.

Born in Chicago, Mr. Hawkes received his undergraduate training in the Chicago College of Law (the Law department of Lake Forest University). He resided in Chicago for 37 years before taking up residence in the East. He also spent several years in night study at Lewis Institute, one of the two schools merged last summer to form Illinois Institute of Technology. His present residence is Montclair, New Jersey.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: HONOR STUDENTS AND HIGHEST AVERAGES AT ILLINOIS TECH; ARMOUR AND LEWIS DIVISIONS; STATISTICS.

FOR IMMEDIATE RELEASE

Fruits of scholastic trees of Armour and Lewis division campuses were picked yesterday with release of class averages for the school term since February by the registrar's office of Illinois Institute of Technology.

Seniors were led by Norman Frimer, 3428 Grenshaw Avenue, political science major of Lewis, with 2.90. An Armour division mechanical engineer, Leo Stoolman, 2719 W. Gunnison Avenue, ran second with 2.84.

These two scholastic leaders will be among 360 candidates for degrees who will hear Albert W. Hawkes, president and chairman of the board of Congoleum-Nairn, Inc., deliver the commencement address at Civic Opera House, Thursday, June 12, 1941, as part of exercises beginning at 8:15 p.m.

Robert Harmon, 809 Talma Street, Aurora, Illinois, fire protection engineer of Armour division, was third with 2.83. Wells Mori, 821 Cornelia, business and economics major of Lewis, achieved 2.82.

Leonard Holmboe, 2508 E. 73rd Street, electrical engineer of Armour, followed Mori with 2.79. One girl to intrude on the masculine privacy of the highest ranking half-dozen seniors was Lillian Snodgrass, 520 N. Central Avenue, sociology major of Lewis. Her average was 2.76.

Departmentally ranked, fire protection engineering students were brightest on Armour campus. They averaged 1.64, as against 1.54 for their closest competitors, the architectural students, Sigma Alpha Mu, social fraternity of Armour, with 1.97, topped its class, while Alpha Sigma Mu ran second with 1.83.

At Lewis division women students averaged 1.91 against the 1.64 of men students. Liberal arts students as a group, with 2.02, outdistanced other departments, the closest being chemistry majors, who averaged 1.96.

Frimer, a member of Daedalians, social fraternity, and of the Political Science Club of Lewis division, is active in intramural sports. Stoolman, a member of the Western Society of Engineers, is a member of Tau Beta Pi, honorary fraternity. He has been an honor marshal for four years.

Harmon is president of Salamander, honorary fire protection engineering fraternity, is a member of the Glee Club and is trasurer of the senior class of Armour division. Mori is a member of the Lewis Political Science Club of Lewis division, belongs to Daedalians fraternity, and is a member of a championship ping-pong team.

Holmboe is a member of Western Society of Engineers, American Institute of Electrical Engineers and the Glee Club. Lillian Snodgrass, a member of Sigma Omicron Lambda sorority, is Lewis editor of Polygon, Institute student annual. She has been on the staff of Technology News, undergraduate weekly, is a member of the Glee Club, and danced in the chorus of the Varsity Show of Lewis.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: GOLF BALL RESEARCH PROGRAM BY
ARMOUR RESEARCH FOUNDATION FOR
UNITED STATES GOLF ASSOCIATION

FOR RELEASE: AFTER PRESS CONFERENCE
9:30 A.M. - 6/2/41

Every golfer's game in the United States, including the "dub" as well as the tournament player, will eventually be influenced by a series of researches currently underway by scientists of the Armour Research Foundation at Illinois Institute of Technology.

Today, Monday, June 2, 1941, the scientists revealed that for the past two years they have been carrying out researches on golf balls to determine their carrying distance, upon irons to determine standards for loft, on golf ball covers to determine their thickness and qualities to resist cutting by irons, and a host of other studies.

Announcement of the work that the Foundation has been carrying on at Illinois Tech for the United States Golf Association was made by Harold Vagtborg, its director. He revealed that the United States Golf Association called upon the Foundation to carry on a scientific program of research for the express purpose of eliminating "the discrepancies that exist in the performance of golf balls."

According to Mr. Vagtborg, as a result of these researches, "the rules of the U.S.G.A. will control the distance qualities of the golf ball by providing for a fixed measure of actual performance. This control will result in 'freezing' the carrying qualities of the ball at approximately the present maximum of most first grade balls now on the market."

The freezing of the ball, according to the Association, at approximately its present limit of flight should accomplish several objectives which the Association has long had in mind. They are as follows:

1. It should check further outmoding of golf courses as regards length. Thus, it should prevent clubs (and therefore, their individual members) from having to pay more for golf on the score of redesigning and lengthening courses, which in the past has sometimes required purchase of more land and payment of larger taxes

2. It should restrict the distance walked and the time required to play a round of golf to the point of the player's comfortable endurance.

3. It should result in greater emphasis on individual playing by promoting uniformity in the manufactured elements of the game.

4. It should tend to standardize golf and golf courses by controlling a factor, which, if not controlled, could distort the whole game as now known.

The golf research laboratories of Foundation affiliate at Illinois Tech are in the main, Standards Laboratories. In order to provide adquate testing equipment, Foundation scientists found it necessary to design and develop proper equipment. This work was carried out under the direction of Dr. Carl G. Anderson, research mechanical engineer. Most notable accomplishment of Dr. Anderson and his associates is the design and construction of a driving machine which automatically "tees" the ball, drives it, and measures its velocity and then segregates the ball according to speed.

Assisting Dr. Anderson, specifically in the design and construction of intricate electrical circuits used to measure the speed of the ball was D. E. Richardson, research electrical engineer for the Foundation.

The machine according to Dr. Anderson, consists of three main units, each serving a distinct and separate purpose. The first unit is used to automatically "tee" the ball and drive it with a "sock" comparable to that of a good golfer. The second unit consists of a twelve (12) inch diameter tube, fifteen (15) feet long, through which the ball passes after being hit. This unit also includes the electrical timing equipment for measuring the speed of the ball. The third unit is a receiver which "absorbs the energy of the ball and drops it into a collector wherein there is located the automatic segregating device used only in cases where large volumes of balls are run in a continuous test.

The performance of the machine is a very simple operation, relatively speaking, although its design required many hours of labor and its operation required many hours to perfect. Balls are dropped into a hopper at random and not touched by human hands

until fired and segregated in the collector. A typical ball, for example, is lifted from the hopper by a notched rotating disk and dropped onto an inclined runway. From there it rolls onto a moving chain equipped with pairs of fingers that hold the ball just as on a tee. This chain moves the ball into position in front of the driving head.

The driving head is rigidly attached to a rotating heavy disk which revolves at a speed of 1800 revolutions per minute or at a linear speed of 145 feet per second. Through a system of delicate gearing the chain with the fingers carrying the ball is synchronized to the motion of the disk carrying the driving head, so that the ball is in the very center of the head when it (the ball) is struck.

After leaving the face of the driving head, the ball passes through the 15 foot tube to the receiver where it is segregated. On its way to the receiver the ball interrupts delicate photo-electric light beams at pre-determined distances and thus the speed of the ball is measured. Even though balls of varying degrees of hardness travel varying trajectories, the timing device is so designed and constructed that regardless of the relative trajectory in which the ball travels, it is possible to time its flight.

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: 360 RECEIVE ILLINOIS TECH DEGREES AS ARMOUR AND LEWIS DIVISIONS HAVE FIRST JOINT GRADUATION; CIVIC OPERA HOUSE, 6/12/41-8:15 P.M.

FOR RELEASE: SUNDAY, JUNE 8, 1941.

First joint commencement exercises of Armour and Lewis divisions of Illinois nstitute of Technology will be held Thursday, June 12, at 8:15 p.m. in the Civic pera House, with three honorary and 360 academic degrees being awarded. Albert W. awkes, president of the United States Chamber of Commerce, will make the commencement ddress.

Hawkes, for several years an evening division student at Lewis Institute, which erged a year ago with Armour Institute to become Illinois Institute of Technology, s president and chairman of the board of Congoleum-Nairn, Inc.

Honorary degrees of doctor of engineering will be bestowed by President H. T. eald on three notable industrial and engineering figures, two of them alumni. Charles onald Dallas, of the Armour class of 1892, president of Revere Copper and Brass ompany, New York, and Richard Henry Whitehead, of the Lewis class of 1907, president nd general manager of The New Haven Clock Company, New Haven, Conn., will be returning to alma mater. Joshua D'Esposito, famous Chicago engineer and builder, will complete this trio.

At 11 a.m. today (Sunday, June 8, 1941) Rev. Harold W. Ruopp, minister of Central hurch, Chicago, will deliver a baccalaureate sermon in Orchestra Hall. "He Took It pon Himself" is the title of the address, for which all candidates for graduation ill be assembled.

Two hundred and four candidates for degrees of bachelor of science in engineering, hree candidates for degrees in bachelor of science in engineering science, plus twenty-ight candidates for graduate degrees, will comprise the Armour College division student epresentation seated on the stage of the Opera House Thursday night. By departments hese graduation candidates have the following distribution:

Mechanical engineers, 64; chemical engineers, 49; electrical engineers, 39; ivil engineers, 24; architects, 15; fire protection engineers, 13; and science majors,

Graduates degree awards, by departments, are as follows:

Master of science in chemical engineering, 12; master of science, 6; master of cience in mechanical engineering, 4; master of science in electrical engineering, 3; aster of science in civil engineering, 2; and master of science in architecture, 1.

Lewis division graduation candidates number 125, all to receive degrees of bachlor of science in arts and sciences.

The six highest-ranking seniors, for the scholastic period since February, 1941, ith the average they have earned out of a possible 3.00, are:

Norman Frimer, 3428 Grenshaw Avenue, Lewis political science major, 2.90; Leo toolman, 2719 W. Gunnison Avenue, Armour mechanical engineer, 2.84; Robert Harmon, 09 Talma Street, Aurora, Illinois, Armour fire protection engineer, 2.83; Wells Mori, 21 Cornelia Avenue, Lewis business and economics major, 2.82; Leonard Holmboe, 2508 E. 3rd Street, Armour electrical engineer, 2.79; and Lillian Snodgrass, 520 N. Central venue, Lewis sociology major, 2.76.

The commencement program will begin with a processional of capped-and-gowned canidates, followed by the faculty and its officers, with the honorary degree winners and he commencement speaker accompanying the president. An invocation will be read by everend Harold W. Ruopp, minister of Central Church, Chicago.

Robert J. Mead, 7234 N. Clark Street, senior chemical engineer, a tenor, will sing Just You" by Burleigh, accompanied by the voices of sixteen graduating members of the lee Club, following the invocation. Gus Mustakas, 631 Adams Street, Gary, Indiana, resident of the Combined Musical Clubs of the Institute, will play a violin solo folowing the commencement address, which will come after Mead's solo.

President H. T. Heald will then award departmental honors to graduates of the mechnical, electrical, civil, chemical and fire protection engineering departments, the rchitectural and the engineering science departments.

The medal of the American Institute of Architects for the highest scholarship ecord for four years will go to Leonard H. Reinke, 7411 Dante Avenue. For the second

highest architectural scholastic record for four years an award will be made Ludwig Blumberg, 1831 Orleans Street, who will also be awarded the Charles L. Hutchinson medal for the highest record in architectural design.

A junior membership in the American Society of Civil Engineers, awarded by the Illinois section, will go to John Frederick Donoghue, 5201 South Park Avenue. Junior memberships in the Western Society of Engineers will go to Roy E. Jacobsen, 1711 Belle Plaine Avenue, and Henry E. Wessel, 4201 N. Mason Avenue.

An associate membership in the American Institute of Electrical Engineers, awarded by the Chicago Section, will go to Ben R. Cole, 119 Prairie Avenue, Park Ridge, Illinois. A junior membership in the American Society of Mechanical Engineers, awarded by the Chicago chapter, will go to John E. Sauvage, 510 Lake Avenue, Wilmette, Ill.

An award by the National Fire Prevention Association will go to Robert H. Harmon, 809 Talma S treet, Aurora, Illinois, as the ranking scholar of his department. The Alumni award of merit, for a senior first in school activities and scholarship will go to Charles D. McAleer, Jr., R.R. #1, Box 175, Des Plaines, Illinois.

Conferring of degrees will then take place with President Heald officiating and Vice President L. E. Grinter making presentations to graduate students.

A recessional will be played after singing of the Alma Mater Song.

Honor marshals, chosen from the ranks of undergraduates who are distinguished scholastically, will be as follows:

Robert Sullivan, 7078 N. Wolcott Avenue; Charles I. Ball, 4227 N. Ashland Avenue; J. W. Harnach, 1147 S. Grove Avenue, Oak Park; G. W. Staats, 1134 Ashland Avenue, River Forest and G. T. Popp, 1135 N. Lorel Avenue, juniors; R. J. Mahassek, 1138 Forest Avenue, Oak Park; R. L. Rose, 726 Erie Street; R. M. Moore, 4526 Drexel Avenue. P. R. Bechtolt, 8246 Kimbark Avenue; and Gunnar P. Ohman, 4148 Cornelia Avenue, sophomores; G. L. Landsman, 4828 N. Avers Avenue; Richard B. Larson, 8209 S. May Street; P. J. Colombo, 264 N. Kilbourn Avenue; Allen Devinatz , 1534 S. Tripp Street; and R. E. Kraft, 2230 N. Lowell Avenue, freshmen of Armour.

Harriet S. Kott, 7640 W. 63rd Street; Jean Michels, 5074 Pensacola Avenue; Mary S. Green, 6428 Langley Avenue; Sidney Camras, 1418 S. Karlov Avenue; and Ira Slaghter, 9550 S. Homan Avenue, Evergreen Park, from Lewis.

Faculty marshals will include J. H. Smale, 321 S. Kenilworth Avenue, Oak Park, professor of philosophy, chief marshal; W. W. Colvert, 1624 E. 86th Street, assistant professor of physics; D. R. Mathews, 540 S. Humphrey Avenue, Oak Park, professor of history; and C. A. Nash, 4715 N. Spaulding Avenue, associate professor of electrical engineering.

Richard Henry Whitehead was born in Chicago, receiving his mechanical engineering diploma from Lewis in 1907. He was an instructor in that institution during 1908-12. He was employed by telephone utilities, becoming testing engineer of Commonwealth Edison Company in 1910. From 1912 to 1916 he had charge of operations on the Panama Canal, Pacific Locks. He was successively superintendent of construction for Otis Elevator Company and industrial engineer for George W. Goethals Company, the latter between 1918 and 1920. He became vice-president and general manager of the New Haven Clock Company in 1922. He became president and general manager of that firm in 1929. He has written many volumes on hydraulics and related subjects.

Charles Donald Dallas was born in Hamilton, Ontario, Canada. After graduation from Armour in 1902, he was employed by the American Brass Company for many years. With his father he organized the Dallas Brass and Copper Company, of which he was president and treasurer. It managed with other companies to form Revere Copper and Brass Company, of which he served as president. He was a member of the World War militia. He is also president of the Hadley Correspondence School for the Blind.

Following are the candidates for degrees as noted:

ARMOUR DIVISION

DEGREE: BACHELOR OF SCIENCE IN ARCHITECTURE

LUDWIG THEODORE BLUMBERG	1831 Orleans Street	Chicago, Illinois
ARNOLD ELMER BLUME	1295 Des Plaines Avenue	Des Plaines, Illinois
LELAND KING CARDWELL	6258 N. Talman Avenue	Chicago, Illinois
GEORGE EDWARD DICKEL	30 W. Chicago Avenue	Chicago, Illinois
ALDRICH JOSEPH KUBIEKA	2425 S. 61st Avenue	Cicero, Illinois
CHARLES EDWARD KULIEKE	5838 N. Kostner Avenue	Chicago, Illinois
CASIMIR P. LENART	4050 Leamington Avenue	Chicago, Illinois
DANIEL MILLER	3038 Ardmore Avenue	Chicago, Illinois
ROBERT JAMES O'BRIEN	6305 Kenmore Avenue	Chicago, Illinois
WILLIAM CHARLES PEHTA	2918 N. Long Avenue	Chicago, Illinois
EUGENE CLEMENT POINTEK	5010 Oakdale Avenue	Chicago, Illinois
LEONARD HERMAN REINKE	7411 Dante Avenue	Chicago, Illinois
HARVEY SCHAFFER	5714 Blackstone Avenue	Chicago, Illinois
FLORENCE SCHUST		Saginaw, Michigan
GUY STEINWEG	9240 Homan Avenue	Evergreen Park, Ill.
H. THURBER STOWELL	502 Lake Street	Oak Park, Illinois

DEGREE: BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

LOUIS ERNEST ANDERSON	516 W. 15th Place	Chicago Heights, Ill.
JOHN LEONARD BAER, JR.	11153 S. Park Avenue	Chicago, Illinois
ALFRED GLEN BARRY	2201 W. Cortez Street	Chicago, Illinois
ELMER JOSEPH BAUER	7814 S. Ada Street	Chicago, Illinois
GEORGE PERSHING BAUMANN	2517 Gunnison Street	Chicago, Illinois
HAYDEN HENRY BEDDOE	8114 Maryland Avenue	Chicago, Illinois
EDWARD JOHN BOARINI	6921 Hobart Avenue	Chicago, Illinois
JOHN WILLIAM BRIERLY	1508 Byron Street	Chicago, Illinois
ARTHUR MAYNARD CARLSON	1805 N. Nordica Avenue	Chicago, Illinois

CHEMICAL ENGINEERING continued

EDWARD JOHN DOST, JR.	2616 Argyle Street	Chicago, Illinois
JOHN B. DOYLE	21 N. Union Street	Aurora, Illinois
SAMUEL ODIN FALK	3126 N. Spaulding Ave.	Chicago, Illinois
JOSEPH JOHN FIRSZT	2242 W. 21st Place	Chicago, Illinois
ALBERT LEO FURCH	3341 Polk Street	Chicago, Illinois
FRED CHARLES GEHLE	3420 W. 61st Street	Chicago, Illinois
HOWARD EDWARD GORMAN	1451 N. Luna Avenue	Chicago, Illinois
JOHN DANIEL GRIGAS	7518 Merrill Avenue	Chicago, Illinois
RICHARD ERIC GRINNDAL	9547 S. Leavitt Street	Chicago, Illinois
WILLIAM HENRY GROSSE	1310 Thorndale Ave.	Chicago, Illinois
JOSEPH GRANT HARTMAN	3522 Bosworth Avenue	Chicago, Illinois
LEROY PAUL HOLEXA	5207 Byron Street	Chicago, Illinois
EARL FRANCIS HUEBNER	7932 Langley Avenue	Chicago, Illinois
MARSHALL KAHN	7618 Kingston Avenue	Chicago, Illinois
DONALD WILLIAM LONG	2634 Farragut Avenue	Chicago, Illinois
CHARLES D. MCALEER, JR.	R. R. #1, Box 175	Des Plaines, Ill.
ALFRED CARTEN MCINTOSH	10259 St. Charles Ave.	Chicago, Illinois
EDWARD JOSEPH MAJKA	2021 W. Walton St.	Chicago, Illinois
EDWARD VINCENT MALELA	919 8th Street	Waukegan, Illinois
WILLIAM FREDERICK MASSMAN, JR.	5733 Midway Park	Chicago, Illinois
ROBERT J. MEAD	5234 N. Clark Street	Chicago, Illinois
HENRY SIGMUND MIRROW	2930 Milwaukee Ave.	Chicago, Illinois
WALTER PETER MOLDA	9821 Throop Street	Chicago, Illinois
GUS CARL MUSTAKAS	631 Adams Street	Gary, Indiana
LLOYD WILLIAM NORKUS	7252 Merrill Avenue	Chicago, Illinois
ROBERT E. PINCUS	6020 Kimbark Avenue	Chicago, Illinois
WILLIAM JOHN POWERS	1240 Hood Street	Chicago, Illinois

CHEMICAL ENGINEERING continued

ZENON MICHAEL PRANE	4921 S. Avers Avenue	Chicago, Illinois
ALBERT CLARENCE SANOWSKIS	2639 W. 44th Street	Chicago, Illinois
SEYMOUR K. SHAPIRO	4842 N. Talman Avenue	Chicago, Illinois
HENRY JOHN SLIWA	3107 W. Pershing Road	Chicago, Illinois
JOSEPH WALTER SMITH	2320 W. Iowa Street	Chicago, Illinois
RONALD HERBERT SMITH	3236 S. Michigan Avenue	Chicago, Illinois
ARVID TIENSON	6131 N. Wolcott Avenue	Chicago, Illinois
DOMINIC VALLINO	1615 S. 51st Court	Cicero, Illinois
JACK CLARENCE VANDER WOUDE	10814 Normal Avenue	Chicago, Illinois
JAMES THOMAS WABER	9307 Laflin Street	Chicago, Illinois
HENRY ERICH WESSEL	4201 N. Mason Avenue	Chicago, Illinois
WILLIAM WILSON, JR.	2346 N. Cicero Avenue	Chicago, Illinois

DEGREE: BACHELOR OF SCIENCE IN CIVIL ENGINEERING

OTTO ERIC BARTELDES	1958 Roscoe Street	Chicago, Illinois
WILLIAM FREDERICK BAUCH	8114 S. Ada Street	Chicago, Illinois
CLEAVER HENRY BRINKERHOFF	7301 Princeton Avenue	Chicago, Illinois
EUGENE EDWARD DAILEY	522 W. Harrison Street	Oak Park, Illinois
JOHN FREDERICK DONOGHUE	5201 South Park Avenue	Chicago, Illinois
FREDERICK JAMES EHLERT	7028 S. Oakley Avenue	Chicago, Illinois
GEORGE STANLEY ELLIS	3550 N. Keeler Avenue	Chicago, Illinois
JOHN GILIBERTO	208 W. 24th Place	Chicago, Illinois
LE ROY ALBERT GOETZ	6210 S. Troy Street	Chicago, Illinois
ARTHUR CHARLES HAUSWALD	1014 Belleforte Avenue	Oak Park, Illinois
KARL WILBUR HAWKINS	1608 Fairview Avenue	Chicago, Illinois
RICHARD JOSEPH HRUDA	2115 S. Ridgeland Avenue	Chicago, Illinois
IRVING JOSEPH	5236 N. Winthrop Avenue	Chicago, Illinois
JOHN THOMAS KIRKLAND	1352 W. 77th Street	Chicago, Illinois
ROY EDGAR JACOBSEN	1711 Belle Plaine Ave.	Chicago, Illinois

CIVIL ENGINEERING continued

GEORGE STANLEY LYKOWSKI	10727 Prairie Avenue	Chicago, Illinois
JOHN PIERRE MARTIN	1239 N. Clark Street	Chicago, Illinois
ROBERT WESLEY OLSON	3735 Wayne Avenue	Chicago, Illinois
CRISOSTOMO PASOK	126 Broadway Avenue	Wilmette, Illinois
ELMER ALFRED RATZEL	7133 Normal Blvd.	Chicago, Illinois
HERBERT EDMUND ROCKELMANN	3307 Oak Park Avenue	Chicago, Illinois
HARRY ROLE	5915 N. Keating Avenue	Chicago, Illinois
JOSEPH B. SADILEK	1910 Elmwood Avenue	Berwyn, Illinois
ROBERT WILLIAM SAIGH	1116 Columbia Avenue	Chicago, Illinois
HARRIS ZIMMERMAN	5312 Jackson Blvd.	Chicago, Illinois

DEGREE: BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

JOSEPH CHARLES ABERER	215 E. North Avenue	Elmhurst, Illinois
STEPHEN JOHN BARTHA	3326 W. Crystal Street	Chicago, Illinois
DALE MERLE BEBB	1638 W. 63rd Street	Chicago, Illinois
JAMES DAVID BROWN	4947 W. Grace Street	Chicago, Illinois
WALTER JAMES CLARK	7117 Dobson Avenue	Chicago, Illinois
BEN R. COLE	119 Prairie Avenue	Park Ridge, Illinois
JAMES PATRICK CORCORAN	3819 Maypole Avenue	Chicago, Illinois
WILLIAM JOHN DECKER	625 E. 70th Place	Chicago, Illinois
HENRY VICTOR DRYER	3002 Diversey Avenue	Chicago, Illinois
CHARLES EDWARD DURKEE	4245 Elston Avenue	Chicago, Illinois
VITOLD LEOPOLD EDUTIS	1111 S. Mozart Avenue	Chicago, Illinois
ROY GUSTAF FRANZENE	5812 Race Street	Chicago, Illinois
JAMES CARMEN GAUDIO	120 W. 118th Street	Chicago, Illinois
RAYMOND FRANCIS MARTIN GETZ	5250 W. Deming Place	Chicago, Illinois
LELAND JAMES HALL	4949 Byron Street	Chicago, Illinois
LEONARD WILFORD HOLMBOE	2508 E. 73rd Street	Chicago, Illinois

ELECTRICAL ENGINEERING continued

JOHN VERNON JOHNSON		Cannon Falls, Minn.
CHANDLER FINDLEY KETTNER	222 Lakewood Place	Highland Park, Ill.
HARRY LEVINSON	1046½ Argyle Avenue	Chicago, Illinois
NEIL ALEXANDER MACDONALD	11702 Wallace Street	Chicago, Illinois
CHRIS FRANK MALLERIS	5100 S. Western Avenue	Chicago, Illinois
GEORGE JOSEPH MATTHEWS	7222 Indiana Avenue	Chicago, Illinois
MELVIN MENDELSOHN	2904 Cullom Avenue	Chicago, Illinois
LOUIS MONFOU	1455 W. 63rd Street	Chicago, Illinois
LIONEL HENRY NAUM	1414 E. 59th Street	Chicago, Illinois
NICHOLAS CARL PAVACICH	9615 S. Homan Avenue	Evergreen Park, Ill.
ROBERT AUGUST PETERSON	4308 N. Keystone Avenue	Chicago, Illinois
ROBERT LOUIS RAMP	E. College Avenue	Downers Grove, Ill.
JOHN FRANCIS RING	6221 Wayne Avenue	Chicago, Illinois
JAMES ARNETT RUMMELL	308 Washington Blvd.	Oak Park, Illinois
EMIL SALINE	4821 Wrightwood Avenue	Chicago, Illinois
MILO MATHIAS SCHALLA	5959 S. California Ave.	Chicago, Illinois
CHARLES FREDERICK SCHROEDER	1536 W. 70th Street	Chicago, Illinois
MARVIN SKOLLER	5210 Woodlawn Avenue	Chicago, Illinois
WARREN EDWARD STANCL	2336 S. Harvey Avenue	Berwyn, Illinois
WILLIAM FULTON WINGET	133 N. Scoville Ave.	Oak Park, Illinois
ALEXANDER YURSIS,JR.	10657 St. Louis Avenue	Chicago, Illinois
WALTER ROBERT ZIMMERMAN	1140 Ontario Street	Oak Park, Illinois
JOHN FRANK ZWASKA	404 Touhy Avenue	Park Ridge, Illinois
EARL RAYMOND EDWIN	4506 N. Clifton Avenue	Chicago, Illinois

DEGREE: BACHELOR OF SCIENCE IN FIRE PROTECTION ENGINEERING

FRED WILLIAM DE MONEY	533 N. Humphrey Avenue	Oak Park, Illinois
BENJAMIN EDWARD FLOOD	339 Franklin Avenue	River Forest, Ill.
ROBERT WAYNE GREENBERG	501 James Place	Rockford, Ill.
ROBERT HARRISON HARMON	809 Talma Street	Aurora, Illinois
EDWIN LAVERN HESS	824 E. 58th St.	Chicago, Ill.
DONALD SHERWIN KNIEFF	447 N. Lombard Avenue	Oak Park, Ill.
ROBERT HOWARD LANGE	8728 S. Laflin Ave.	Chicago, Ill.
RICHARD ADOLPH LARSON	1307 W. 98th St.	Chicago, Ill.
GEORGE RAYMOND MAHN	6709 S. Aberdeen St.	Chicago, Ill.
HOWARD EDWARD MEYER	5255 N. Kimball Ave.	Chicago, Ill.
WILLIAM M. SPETH	726 William Street	River Forest, Ill.
ROBERT WALTER SWEENEY	7206 Indiana Ave.	Chicago, Ill.
RUDOLF ADOLF ZOELLNER	3346 Berteau St.	Chicago, Ill.

DEGREE: BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

CARL MERLIN ANDERSON	7135 S. May St.	Chicago, Ill.
WILLIAM ORION ANTHONY	6414 Kimbark Ave.	Chicago, Ill.
ROBERT DAVID BARRETT	617 N. Cicero Avenue	Chicago, Ill.
GUENTHER BAUM	1089 Rose Avenue	Des Plaines, Ill.
ALBERT EDWARD BERGER, JR.	5339 Oakdale Avenue	Chicago, Ill.
MELVIN HENSEL BOSE	3518 Reta Street	Chicago, Ill.
JEROME BRAUN	6945 N. Ashland Ave.	Chicago, Ill.
LEE BULLEN	7614 Crandon Avenue	Chicago, Ill.
ERNEST JOHN COLANT	524 S. Humphrey Ave.	Oak Park, Ill.
DONALD FRANK CREGO	6128 Dorchester Ave.	Chicago, Ill.
EDWIN RAY CROUSE	7753 Crandon Ave.	Chicago, Ill.
JACK EDWARD DAVIS	1151 S. Spaulding Ave.	Chicago, Ill.
OTTO FREDERICK DREFFEIN	319 N St. Louis Ave.	Chicago, Ill.

MECHANICAL ENGINEERING continued

ALEXANDER DRUSCHITZ	2749 S. Millard Avenue	Chicago, Ill.
HENRY DULKIN	2657 W. Evergreen Avenue	Chicago, Ill.
EDWARD DARE FLOREEN	300 N. Grove Avenue	Oak Park, Ill.
WILLIAM EDWARD FURNNER	372 Sunnyside Avenue	Elmhurst, Ill.
PETER ERNEST GIANNINI	2161 DeKalb Avenue	Chicago, Ill.
CHESTER GINSBURG	3919 W. Jackson Blvd.	Chicago, Ill.
ROBERT FELIX GOLDEN	4714 Adams Street	Chicago, Ill.
WILLIAM GEORGE HAHN	5713 N. Washtenaw Avenue	Chicago, Ill.
ELMER JOSEPH HANKES	4802 S. Throop Street	Chicago, Ill.
WILLIAM EDWARD HELLER	7647 Paxton Avenue	Chicago, Ill
WILBERT MELVIN HELLMAN	15900 Carse Avenue	Harvey, Ill.
HOWARD JOSEPH HERZOG	3432 N. Normandy Ave.	Chicago, Ill.
ROBERT LESLIE HULETT	12950 Maple Avenue	Blue Island, Ill.
WALTER JENSEN	5115 S. Tripp Ave.	Chicago, Ill.
EDWARD I. KNORRING	212 S. 18th Avenue	Maywood, Ill.
WILLIAM FRANK KRAUSE	4846 N. California Ave.	Chicago, Ill.
WARREN ERNEST KUEHL	4552 Parker Avenue	Chicago, Ill.
THOMAS DANIEL LEWIS	8402 S. Green Street	Chicago, Ill.
ROBERT ANTHONY MALLEK	4539 N. Francisco Ave.	Chicago, Ill.
ARTHUR ADOLPH MARKS, JR.	774 Wrightwood Ave.	Chicago, Ill.
GEORGE HENRY MARTIN	2538 W. 66th St.	Chicago, Ill.
ROBERT HENRY MATHER	4327 W. Harrison Street	Chicago, Ill.
ELMER ANDREW MATSON	7147 S. East End Ave.	Chicago, Ill.
JAMES WILLIAM MURRAY	5633 S. Sangamon St.	Chicago, Ill.
LEE HOUSTON NIEMS	5249 Lake Street	Chicago, Ill.
RICHARD B. NOLTE	6718 South Shore Drive	Chicago, Ill.
HOWARD HERBERT OBERGFELL	617 Clinton Place	River Forest, Ill.

MECHANICAL ENGINEERING continued

CHESTER EDWARD OZIMEK	1808 W. Chicago Ave.	Chicago, Ill.
RICHARD ALVIN PETERSON	2321 N. Lamon Ave.	Chicago, Ill.
FRANK PETER PFEFFER	610 Granville Ave.	Chicago, Ill.
GERHARD MARTIN REIMER	6525 S. Paulina St.	Chicago, Ill.
ALEXANDER THOMAS REYNOLDS	Box 22	Flossmoor, Ill.
WILLIAM FREDERICK ROEHM, JR.	1205 Chicago Ave.	Evanston, Ill.
ERNEST MARTIN RUNQUIST	871 Ernst Court	Chicago, Ill.
WALTER PETER RUSANOWSKI	245 S. 13th Ave.	Maywood, Ill.
JOHN GEORGE SAINICK	139 N. Homan Ave.	Chicago, Ill.
ALLEN CHESTER SAMPSON	1346 N. Kedzie Ave.	Chicago, Ill.
JOHN EDWIN SAUVAGE	510 Lake Ave.	Wilmette, Ill.
LEOPOLD STEPHEN SITKO	1037 N. Francisco Ave.	Chicago, Ill.
RAY MORLEY SMITH, JR.	1451 W. 103rd St.	Chicago, Ill.
OLE INGVALDSON STANGELAND	2128 N. Kostner Ave.	Chicago, Ill.
HAROLD PETER SORENSEN	10548 Leavitt St.	Chicago, Ill.
STEPHEN STEFANSKY	2172 N. Morrimac Ave.	Chicago, Ill.
LEO STOOLMAN	2719 W. Gunnison Ave.	Chicago, Ill.
ARTHUR WILLIAM STRUTZ	2726 W. 24th St.	Chicago, Ill.
THOMAS JOSEPH SWEENEY	6244 N. Oakley Ave.	Chicago, Ill.
EUGENE PAUL WASZ	2326 N. McVickers Ave.	Chicago, Ill.
ZBIGNIEW WESOLOWSKI	1400 N. Artesian Ave.	Chicago, Ill.
JAMES DURHAM WEST	4734 Dorchester Ave.	Chicago, Ill.
KURT GEORGE WINTERMEYER	7304 S. Union Ave.	Chicago, Ill.
EDWARD JOHN YOUNG	1504 Olive Street	Chicago, Ill.

DEGREE: BACHELOR OF SCIENCE

CLAUDE IRVING PENN	10359 Lowe Avenue	Chicago, Illinois
BERNARD RASOF	4934 N. Kimball Ave.	Chicago, Ill.

THE GRADUATE SCHOOL, ARMOUR DIVISION

DEGREE: MASTER OF SCIENCE IN ARCHITECTURE

CHARLES SAMUEL WORLEY	4926 S. Kimbark Ave.	Chicago, Ill.

DEGREE: MASTER OF SCIENCE IN CHEMISTRY

HERMAN OTTO BAUERMEISTER	1425 Rhode Island Ave.	Washington, D. C.
EDWARD WELSBY CARMAN	P.O. Box, 87, Waverly Rd	Chesterton, Ind.
DONOVAN RUSSELL ELLIS, JR.	59 Mountain View Ave.	Nutley, New Jersey
RUSSELL TRUE GRIFFITH	559 Pennsylvania Ave.	Gary, Indiana.
CHARLES WALLACE HAMILTON	5541 Kenmore Ave.	Chicago, Ill.
HAROLD MILLS HAWKINS	311 N. 11th Street	Lake Worth, Florida
ROBERT LEE MUELLER	6941 S. Princeton Ave.	Chicago, Ill.
HENRY FREDERICK NEWMAN	712 Cornelia Ave.	Chicago, Ill.
JACK REIDEL	2922 N. Albany Ave.	Chicago, Ill.
CHARLES JOSEPH RYANT, JR.	716 W. 82nd St.	Chicago, Ill.
SEYMOUR SCHWARTZ	8703 Third Avenue	Brooklyn, New York

DEGREE: MASTER OF SCIENCE IN CIVIL ENGINEERING

DONALD RIGGS	125 N. Poplar Ave.	Pierre, South Dakota
JAMES GEORGE SMIDL	4210 W. 21st Place	Chicago, Illinois

DEGREE: MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

RUPERT KENNETH BEACH	819 University Ave.	Laramie, Wyoming
WILLIAM ROSCOE FAUST	915 E. 42nd Place	Chicago, Ill.
HARRY HOLUBOW	1112 N. Richmond St.	Chicago, Ill.

DEGREE: MASTER OF SCIENCE IN MECHANICAL ENGINEERING

EDWIN ROBERT LANGTRY	12726 Broad Street	Detroit, Michigan
PETER JOSEPH LINK	4405 S. Ellis Avenue	Chicago, Ill.
JAMES ADDISON MOGLE, JR.	15416 Normandy Ave.	Detroit, Mich.

DEGREE: MASTER OF SCIENCE

GERALD GLEN CARNE	915 E. 42nd Place	Chicago, Ill.
HOWARD VINCENT HESS	575 S. Seventh Ave.	Bozeman, Montana
ARTHUR PORGES	6211 Kimbark Ave.	Chicago, Ill.
FRANCIS ARCH RANSOM	915 E. 42nd Place	Chicago, Ill.
ROBERT HARRIS SAUNDERS	1838 Davis Avenue	Whiting, Indiana
CHARLES ROBERT STEIN	Box 148	Miles City, Montana

LEWIS DIVISION

DEGREE: BACHELOR OF SCIENCE IN ARTS AND SCIENCES

FLORENCE MAY ALDER	4938 N. Hamlin Ave.	Chicago, Ill.
MARGARET EVANS ANDERSON	5025 W. Erie Street	Chicago, Ill.
KATE LEE ATKINS	15 S. Wood St.	Chicago, Ill.
RICHARD MERRITT BARNES	5350 N. Glenwood Ave.	Chicago, Ill.
MARIE ELEANOR BARON	1717 W. Congress St.	Chicago, Ill.
AHARON BASKIN	1516 S. Millard Ave.	Chicago, Ill.
MILTON JOHN BAUMAN	2537 N. Spaulding Ave.	Chicago, Ill.
GEORGE GREGORY BERNARD	2848 Augusta Blvd.	Chicago, Ill.
THOMAS ALBERT BISHOP	R.F.D., Box 375 D.	Melrose Park, Ill.
THELMA PERKINS BOLLING	3961 Lake Park Ave.	Chicago, Ill.
HYMAN DAVID BRAITBERG	4764 N. Virginia Ave.	Chicago, Ill.
WALTER XYSTUS BROWN	6964 Eberhardt Ave.	Chicago, Ill.
GEORGE EVANS BUCHANAN	819 Washington Blvd.	Chicago, Ill.
HARRYETTE LAURA BURNETT	4944 S. Michigan Ave.	Chicago, Ill.
LOUIS HOWARD BUSTILL	4851 S. Champlain Ave.	Chicago, Ill.

ARTS AND SCIENCES continued

HARRY JOSEPH BYSTRICKY	5945 N. Knox Avenue	Chicago, Ill.
KENNETH MILLER CALHOUN	6405 Stewart Avenue	Chicago, Ill.
CLARA AGNES CANTRELL	38 E. 159th St.	Harvey, Ill.
SARAH CHODOSH	3839 Wilcox Street	Chicago, Ill.
BESSHART COLE	5945 S. Parkway	Chicago, Ill.
MARGUERITE NEWELL CONLON	8218 Sangamon Street	Chicago, Ill.
MAURICE BAER COOK	1259 Granville Ave.	Chicago, Ill.
BETTY DEITZ	1459 S. Hamlin Ave.	Chicago, Ill.
LOUIS WALDEMAR DE KRAUZE	7648 W. 63rd St.	Chicago, Ill.
LEONA ANITA DENISON	6149 Indiana Ave.	Chicago, Ill.
ELIZABETH JUNE DOWNS	3634 Calumet Ave.	Chicago, Ill.
JOSEPH ANTHONY DOYLE	1704 W. 101st St.	Chicago, Ill.
THERESA DROBINSKY	533 N. Homan Ave.	Chicago, Ill.
WALTER STANLEY DRUZ	2915 N. Dawson Ave.	Chicago, Ill.
PEARLE ROCKWOOD DUNBAR	3427 Grove Avenue	Berwyn, Ill.
LILLIAN RABINOVICH ENGEL	1102 S. Racine Ave.	Chicago, Ill.
AGNES FASIG		Martinsville, Ill.
BERNICE FELDMAN	2258 N. Kimball Ave.	Chicago, Ill.
JOHN RALPH FERRARO	2934 W. Arthington St.	Chicago, Ill.
PAUL KREESE FLASKAMP	1158 S. Clinton Ave.	Oak Park, Ill.
RAYMOND MYRON FRIEDKIN	3206 Dickens Ave.	Chicago, Ill.
NORMAN E. FRIMER	1420 S. Christiana Ave.	Chicago, Ill.
WALTER NICKOLAS GILLEN	348 N. Center St.	Bradley, Ill.
ALDONA ELIZABETH GLAZ	2409 S. Hoyne Ave.	Chicago, Ill.
JANE GREY GOELET	1827 Washington Blvd.	Chicago, Ill.
WILLIAM WILL GOLD	1425 S. Drake Ave.	Chicago, Ill.
JOSEPH LLOYD GOLDMAN	1407 S. Avers Ave.	Chicago, Ill.

ARTS AND SCIENCES continued

EMANUEL GREEN	1443 S. Sawyer Ave.	Chicago, Ill.
JACK PERSHING GREENER	6143 S. Albany Ave.	Chicago, Ill.
JEROME FRANCIS GREGOR	5255 N. Pulaski Rd.	Chicago, Ill.
NORMAN EDWARD GRIFFIN	630 N. Martin Ave.	Waukegan, Ill.
FRED WILLIAM GUNDERMAN	6036 S. Rockwell St.	Chicago, Ill.
WILLIAM GODFREY HEIMBERGER	1748 N. Throop St.	Chicago, Ill.
JOSEPH JOHN HEJNA	2637 W. 21st Place	Chicago, Ill.
IRVING ALBERT HOKIN	1225 N. Maplewood Ave.	Chicago, Ill.
AMANDA JANE HOLLIS	1952 Monroe St.	Chicago, Ill.
HARRY LIONEL HOOTNICK	5542 N. Mason Ave.	Chicago, Ill.
JANET HELEN HOUSE	2109 N. LeClaire Ave.	Chicago, Ill.
MARGARET MARY HYNES	9225 S. Laflin Ave.	Chicago, Ill.
FRANCIS HARRIS JAMES	5634 S. Michigan Ave.	Chicago, Ill.
HERMAN FRITHJOF JOHNSON	6443 Harvard Ave.	Chicago, Ill.
JOSEPHINE HURT JOHNSON	5847 Prairie Ave.	Chicago, Ill.
MABEL DAVIS JOHNSON	325 Hyde Park Ave.	Joliet, Ill.
RICHARD OWEN JOHNSTONE	6002 W. 28th St.	Cicero, Ill.
MARVENE CONSTANCE JONES	5700 S. Michigan Ave.	Chicago, Ill.
ESTHER MIRIAM KAHN	1233 N. Hoyne Ave.	Chicago, Ill.
ALDA ELIZABETH KAIRIS	315 S. Kostner Ave.	Chicago, Ill.
DORTHEA MARIE KALBOW	2645 S. Komensky Ave.	Chicago, Ill.
LESLIE SHELDON KAPLAN	207 S. Racine Ave.	Chicago, Ill.
EUGENE GEORGE KEY	3544 N. Reta Ave.	Chicago, Ill.
JOHN MICHAEL KRASNIEWSKI	3051 W. Cermak Rd,	Chicago, Ill.
ANNA ISABELLE LEE	4706 Beacon St.	Chicago, Ill.
JUDITH REBECCA LEVINSON	462 W. Briar Place	Chicago, Ill.
DEBORAH LOCKS	1630 S. Springfield Ave.	Chicago, Ill.

ARTS AND SCIENCES continued

CLARA ALM LONGFIELD	2334 W. 121st Place	Blue Island, Ill.
JEANETTE READ MCLUCKIE	650 Parsons Ave.	Des Plaines, Ill.
ROBERTA ANDERSON MALONEY	4901 S. Parkway	Chicago, Ill.
EDWARD EAMES MANGERSON	8123 S. Carpenter St.	Chicago, Ill.
MAUDE BEASLEY-MANN	57 E. 46th St.	Chicago, Ill.
ADELE IDA MAZER	1252 S. Komensky Ave.	Chicago, Ill.
MARY CARMEL MCKITTRICK	601 Deming Place	Chicago, Ill.
ROY PAUL MEYER	8910 S. Hermitage Ave.	Chicago, Ill.
ELMER HERMAN MOLLER	1705 N. Laramie Ave.	Chicago, Ill.
LORETTA BARNES MORAN	4858 Kamerling Ave.	Chicago, Ill.
WELLS MORI	821 Cornelia Ave.	Chicago, Ill.
PAUL WOO MOY	156 W. Cermak Rd.	Chicago, Ill.
MOLLIE BIRRENHOLTZ NITKA	2320 Farwell Ave.	Chicago, Ill.
CANUTE ROALD OLSEN	5057 N. Keeler Ave.	Chicago, Ill.
OLGA ALMEDA OSBACK	15 W. Davis St.	Arlington Heights, Ill.
BERNICE PERDZIAK	1900 W. Polk St.	Chicago, Ill.
IRMA HERTHA PIGORSZ	1133 Marengo Ave.	Forest Park, Ill.
GUSTAV ANASTASIUS PRODROMOS	850 E. 52nd St.	Chicago, Ill.
RUTH CAROLYN REEDER	2417 S. 52nd St.	Cicero, Ill.
CHARLES HENRY RHEINHARDT, JR.	4546 Sheridan Rd.	Chicago, Ill.
ROBERT WILLIAM REITZ	5414 Fulton St.	Chicago, Ill.
THOMAS RICHARDSON	6044 South Park Ave.	Chicago, Ill.
JUNE ROLANDSON	2473 Burr Oak Ave.	Chicago, Ill.
MEYER ROSENWEIG	2917 Leland Ave.	Chicago, Ill.
LEON MORRIS ROTTMAN	4211 N. Troy St.	Chicago, Ill.
JEAN DOROTHY RUSKIN	1421 N. Dearborn St.	Chicago, Ill.
TORIBIA DORAN SALVADO	925 Irving Park Rd.	Chicago, Ill.

ROBERT CARL SCHRAGE	1748 Hastings St.	Chicago, Ill.
LLOYD PHILIP SEASTROM	301 N. First St.	Geneva, Ill.
ABRAHAM AARON SEGAL	1504 S. Kolin Ave.	Chicago, Ill.
ASAY HOWARD SHEAR	2927 Gustave St.	Franklin Park, Ill.
ELSA RUTH SIEDSCHLAG	2875 W. 19th St.	Chicago, Ill.
ANN SIEGAL	1620 S. Trumbull Ave.	Chicago, Ill.
BERNARD JERRY SILVER	820 Addison St.	Chicago, Ill.
SISTER MARY GAUDIA, FELICIAN	3800 Peterson Ave.	Chicago, Ill.
KATHRYN FRANCES SMIALEK	959 N. Western Ave.	Chicago, Ill.
MARGARET VIOLA SMITH	317 Wendell St.	Chicago, Ill.
LILLIAN ALENE SNODGRASS	520 N. Central Ave.	Chicago, Ill.
MILDRED SNYDER	3504 Lake Park Ave.	Chicago, Ill.
RUTH LOUISE SPRAGUE	211 S. Bell St.	Chicago, Ill.
THEODORE STEISKAL	2733 S. Homan Ave.	Chicago, Ill.
RUTH E. STORZ	7741 S. Wabash Ave.	Chicago, Ill.
SYLVAN TANNER	5215 N. Winthrop Ave.	Chicago, Ill.
PAUL HEBER TAYLOR	2916 Lavergne Ave.	Chicago, Ill.
MARIAM GRETTA WALKER	1706 S. Fifth Ave.	Maywood, Ill.
RUTH ELIZABETH WEISS	6094 Avondale Ave.	Chicago, Ill.
JANET EVA WESTMAN	4137 N. Ridgeway Ave.	Chicago, Ill.
JEAN LOUISE WILLIAMSON	5850 Indiana Ave.	Chicago, Ill.
RALPH IGNATIUS WOJAKIEWICZ	5224 Fullerton Ave.	Chicago, Ill.
MARGARET ENRIGHT WOOD	4600 Douglas Road	Downers Grove, Ill.
ARTHUR EDWARD WRIGHT	2416 W. Cortez St.	Chicago, Ill.
EUGENE CAESAR WRZECIONKOWSKI	1131 N. Winchester Ave.	Chicago, Ill.
MARTHA KNAUERHAZE ZIEMAN	8439 Loomis Blvd.	Chicago, Ill.
MARGUERITE MARY ZIMMERMAN	6330 Woodlawn Ave.	Chicago, Ill.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CHARLES DONALD DALLAS, RICHARD HENRY WHITEHEAD AND JOSHUA D'ESPOSITO TO RECEIVE HONORARY DEGREES AT ILLINOIS TECH COMMENCEMENT-CIVIC OPERA HSE. 6/12/41

FOR IMMEDIATE RELEASE

Three leaders in American top-strata industrial and engineering fields will receive honorary degrees of doctor of engineering at the first joint commencement of Armour and Lewis divisions of Illinois Institute of Technology Thursday, June 12, at 8:15 p.m. in the Civic Opera House.

President H.T. Heald will present the degrees to Charles Donald Dallas, of the Armour class of 1902, president of Revere Copper and Brass, Incorporated, of New York; Richard Henry Whitehead, of the Lewis class of 1908, president and general manager of The New Haven Company, New Haven, Connecticut; and Joshua D'Esposito, famous Chicago engineer, now project engineer for the city subway system.

This presentation will follow awarding of 360 bachelor and graduate degrees and a commencement address by Albert W. Hawkes, president and chairman of the board of Congoleum-Nairn, Inc., and president of the United States Chamber of Commerce.

Dallas, Whitehead and D'Esposito will be receiving the first honorary degrees awarded by Illinois Institute of Technology, formed a year ago by merger of Armour Institute of Technology and Lewis Institute. It is now the largest engineering school in the country, enrolling approximately 10,000 persons.

Dallas, who worked even while attending school, started in the business world at $3.00 per week as an office boy. He was employed by the American Brass Company for many years. In 1908 he and his father, with a capitalization of $10,000, incorporated in Chicago as A. C. Dallas and Son, acting as sales representatives for several eastern copper mills.

The original firm began with two desks and one stenographer, growing until, in 1912, it began to roll some of its own metal. When young Dallas became president in 1918 and the firm's name was changed to The Dallas Brass and Copper Company, the first modern casting and rolling mill of the company was built.

The company capitalization now increased to $1,300,000, merged with several other companies to form what later became Revere Copper and Brass, Incorporated. In 1931 Dallas was made president of this corporation, which did a $67,000,000 business in 1940, and one of whose five plants is in Chicago.

Author of "You and Your Money," Dallas is president of the Federation of Church Clubs of the Episcopal Church and an officer of the National Industrial Conference Board and the Copper and Brass Research Association. He was president, also, of the Hadley School for the Blind.

Whitehead, who took an academic certificate from Lewis in 1905 and mechanical engineering degree in 1908, taught in the Lewis evening school from 1908 to 1912.

He was a facility clerk for the Chicago Telephone Company from 1905 to 1909 and a shop superintendent for the next two years of the Ackerman Boland Telephone Company. Commonwealth Edison Company employed him as a testing engineer from 1910 to 1912. In 1912 he presented a paper before the American Institute of Electrical Engineers which won the plaudits of Dr. Steinmetz and introduced nomenclature into the electrical engineering field.

For the next four years he worked as a testing engineer, finally assuming charge of operations, on the Pacific Locks of the Panama Canal. Gen. Goethals' book on the Panama Canal includes his paper on its hydraulic system. Today this paper is being used in connection with work on the third set of Canal locks.

Whitehead became general superintendent of the Otis Elevator Company in 1917 and for the three following years worked with Gen. Goethals as industrial engineer. He transferred to the banking firm of George H. Burr as industrial engineer in 1921. From 1922 to 1928 he served as vice-president and general manager of The New Haven Clock Company, New Haven, Connecticut. From 1929 to the present he has been president and general manager of that firm. He is the author of several scientific papers.

D'Esposito, a consulting civil engineer, took his academic training at the Royal Nautical Institute of Sorrento, Italy, He became a United States citizen in 1907,

aving come to this country in 1898. He began work for the Pennsylvania Railroad as draftsman in 1904, advancing to chief engineer in 1913, in which year he was put in harge of terminal developments in Chicago.

From 1917 to 1919 he was assistant general manager of the Emergency Fleet Corporation of the United States Shipping Board, Washington, D. C. In 1919 he returned o Chicago and assumed charge of the Union Station project until its completion in 925. He then went into private practice.

In August of 1933, D'Esposito was appointed state engineer of the Public Works dministration. He was resident engineer of the Sanitary District of Chicago from 934 to 1939. From 1939 to the present he has been project engineer of the Chicago ubway development. He is a member of many professional bodies and lives at 11 Linden Avenue, Wilmette.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: LEWIS ALUMNI DINNER
1951 Madison Street
6/4/41 - 6:00 P.M.

FOR IMMEDIATE RELEASE

ED NOTE: Lewis Alumni meet tonight, 6/4/41. They are expected to take group action paralleling that of Armour alumni.... appoint committee to meet jointly for purpose of consolidating to form Alumni Association of Illinois Institute of Technology. If such action is successfully taken, this department will 'phone results to CITY NEWS BUREAU.

Lewis Alumni, some three hundred in number, assembled last night, Wednesday, /4/41, in the class rooms and recreation halls of old Lewis Institute, Madison and amen Avenue, for what may be their last annual meeting as such.

Since the merger of Armour Institute of Technology and Lewis Institute last ummer, to form Illinois Institute of Technology, the two groups have been meeting eparately and have now reached the point where action is expected to be taken to form n alumni association of Illinois Institute of Technology.

Formal action in this direction has been already taken by the Armour group who oted at their annual meeting last week to elect a committee to meet with the Lewis roup for the purpose of considering plans for the formation of an Illinois Tech alumni ssociation.

According to Arthur Lake, President of the Lewis alumni, last night's meeting as the first in over two years. Mr. Lake emphasized the importance of the meeting n the light of proposed action of alumni merger to coincide with the merger of the two echnical schools.

Addressing the Lewis Alumni were James D. Cunningham, chairman of the Board of llinois Tech; H. T. Heald, President of the Institute; and Wilfred Sykes, President f Inland Steel Company and chairman of the Institute's special committee on policy ormed for the express purpose of guiding Illinois Tech's campus development program.

In addressing the alumni of Lewis Institute, Mr. Sykes said:

"Illinois Institute of Technology, in common with other schools of its type, is today an active and essential partner of government and of industry.

"Let us look for a moment at the picture on this campus. During the current year the Institute is enrolling more than 4,000 men, most of them graduate engineers in special engineering courses as part of the national defense program. President Heald is our regional advisor for Engineering Defense Training. Here you have a partnership with government which assumes particular significance when we learn that your school is shouldering the major load of this training in the midwest.

"Industry is the third partner in our program, and just as the government is depending on industry for the production of material essential to our defense, so is industry depending on our technological schools for the trained human product. Today, nearly 1,000 Chicago industries and firms, aside from employees who are enrolled as cooperative students and in evening classes, have thousands registered in these Engineering Defense courses. Here again Illinois Institute of Technology is proving its value as a partner in the tremendous job that faces us all."

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: COMMENCEMENT ADDRESS OF PRESIDENT H.T.
HEALD OF ILLINOIS TECH AT EVANSVILLE
COLLEGE, EVANSVILLE, INDIANA
6/6/41; 8 P.M.

Educational values of traditional patterns are soon to be sharply scrutinized and measured by demands of a practical society, the existence of which is geared to utilitarian ends.

This was an indication of the nature of "The College and the Community," as outlined last night by Henry Townley Heald, president of Illinois Institute of Technology, to the graduating class of Evansville College, Evansville, Indiana. Commencement exercises were held in the college auditorium, beginning at 8 p.m.

"I have an idea that during the next few years the educational services rendered by our institutions are going to be carefully measured and analyzed," President Heald said.

"We have gone through a period when the public has accepted higher education as an end in itself, with a certain naive belief that if we had enough of it, everything would be all right. The results have not borne out this belief.

"It seems to me that those educational institutions which survive will be those which are rendering a real service. This, after all, is as it should be."

Comments made in 1941 about the place of colleges in the community or about responsibilities of college graduates must be made in the light of the defense program, he declared.

"The function of the college in the process of education and what the college does for those who devote several years of their lives to college studies has been a subject for continued argument," President Heald pointed out.

"William James has said, 'The best claim that a college education can possibly make on your respect, the best thing it can aspire to accomplish for you, is this: that it should help you to know a good man when you see him.'

"If this be taken as a fundamental objective of college education, I fear that many of our graduates have not demonstrated their attainment to it. Certainly we do

hope to develop those intellectual, moral and spiritual qualities which are so necessary for a useful existence in a democratic society.

"This requires a familiarity with the world in which we live as well as a knowledge of past human experiences down through the ages," he added.

"Most important of all, in my opinion, our graduates should have a sense of vocational direction which will enable them upon completion of their studies to adjust themselves readily to the realities of life and to take their places as active and productive members of a dynamic democracy."

National defense makes education with vocational direction doubly important, but its importance cannot be overemphasized in peace times or in times when there are defense problems, President Heald stated.

"Industry grows only because it renders a service to the community in which it lives," he pointed out.

"Colleges look to the community for financial support, and to an increasing degree, private institutions will have to depend upon widespread support rather than occasional large benefactions from a few individuals who may be actuated by sentimental attachments or the desire to build a monument.

"Education institutions will have to compete with many other worthy causes for this type of support, and the best argument will be in the form of services rendered through the preparation of young people for useful citizenship," President Heald said.

"The increasing complexity of modern civilization, the growth of technological developments, largely makes the world one of the engineer's building, yet it is often said that the engineer is less well-prepared to understand the world in which he lives that are his contemporaries from the arts colleges.

"Perhaps it is true, but I am inclined to think that the confusion and lack of understanding which exists in the minds of so many people today is no more evidenced by engineers than by other segments of our population.

"Our national defense program has served to emphasize anew the importance of the complete and rapid development of technological resources along with human resources," he declared.

"Certainly the engineer who completely lacks understanding of the social and political implications of his work cannot properly be expected to make the greatest contributions to local or national welfare in time of dire need, but neither can people with a general education who are completely ignorant of the world of technology in which they live, be considered truly enlightened citizens."

President Heald graduated from Washington State College in 1923, taking a B. S. in civil engineering. Two years later he won an M.S. in civil engineering from the University of Illinois. He is a member of Tau Beta Pi, honorary engineering fraternity, and of Sigma Tau, Phi Kappa Phi and Chi Epsilon.

Becoming assistant professor of civil engineering at Armour Institute in September, 1927, President Heald advanced rapidly. In 1931 he was made associate professor and assistant to the dean. In 1933 he became dean of freshman. For four years following September, 1934, he was professor of civil engineering and dean of the Institute. The establishment of a research division and the nucleus of a graduate program were formulated under him.

Made acting president in October, 1937, President Heald was appointed to his present position in May of the following year. Rapid growth and continued high standard of administration of the Institute, culminating in formation of Illinois Institute of Technology in 1940, are greatly attributable to him.

President Heald has held a variety of offfices in the Western Society of Engineers and the Society for the Promotion of Engineering Education. He belongs to the American Society of Civil Engineers, the American Public Work Association, American Association for the Advancement of Science, Adult Education Council of Chicago, Illinois Engineering Council, Industrial Relations Association of Chicago, Theta Xi, Chicago Engineer's Club, University Club of Chicago and A.F. and A.M.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: POPULARITY QUEEN OF LEWIS DIVISION OF ILLINOIS TECH ANNOUNCED AT SENIOR CLASS INFORMAL FROM LAST NIGHT, STEVENS HOTEL.

FOR RELEASE: SUNDAY, JUNE 8, 1941.

A stately Hellenic beauty, Alda Kairis, 315 S. Kostner Avenue, was announced winner last night (Saturday, June 7) among 135 contestants for the title of popularity queen of Illinois Institute of Technology from Lewis division. She is graduating Thursday.

Results of secret balloting, conducted during the past week by Lewis students, were made public at 11 p.m. at the annual senior class informal prom in the Tower Rooms of the Stevens Hotel. More than 1,500 ballots were cast.

John Ferraro, 2933 W. Arthington Street, chairman of the prom committee, in making the announcement listed ten requisites for popularity that had influence on the contest vote. They were assembled by male members of the committee.

According to Lewis men, a popularity queen must have the following:

1. Intelligence.
2. Her own cigarettes.
3. A figure good enough for a sweater but not too good for overalls.
4. The ability to hum on key when she is dancing.
5. A bowling average of 110, if she bowls at all.
6. The habit of looking straight at men without rolling her eyes or indulging in "come hither" signals.
7. Willingness to sit out a dance occasionally.
8. No diary-keeping habits.
9. Hair in its own or fairly-authentic shades.
10. A good-night kiss.

Miss Kairis, a member of Sigma Omicron Lambda sorority, of which she is vice-president, is a business and economics major. She has specialized in personnel study and investigation. She graduated from Austin High School in 1937.

A member of the Lewis Glee Club, she belonged also to the Drama Club and acted the past year as president of Pan-Hellenic Council. She was a 1940 Saturday editor of Technology News, undergraduate weekly, and took prominent parts in productions of "You Can't Take It with You," "Ladies of the Jury," "Counselor at Law," and "Two on an Island."

Members of the prom committee assisting Ferraro were Lowell Stevenson, 2457 Jackson Blvd.; Thomas Cafcas, 8250 Bishop Street; Bernard Silver, 820 Addison Street; Florence Alder, 4938 N. Hamlin Avenue; and Miriam Walker, 1706 S. 5th Avenue, Maywood, Illinois.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: DR. C. L. CLARKE, DEAN OF LEWIS DIVISION OF ILLINOIS TECH, COMMENCEMENT SPEAKER AT ALFRED U., ALFRED, NEW YORK - 6/9/41

FOR RELEASE: TUESDAY, JUNE 10, 1941.

The paradox of losing in order to gain, on the human scale, is the secret of a successful life, Dr. Clarence L. Clarke, dean of Lewis Institute of Arts and Sciences of Illinois Institute of Technology, last night told members of the graduating class of Alfred University, Alfred, New York.

One hundred and fifth commencement exercises of the school were held in the university auditorium. Dr. Clarke, an Alfred graduate of the class of 1906, spoke on the subject of "Losing or Saving a Life." He was awarded a doctor of laws degree by Dr. J. Nelson Norwood, President, a classmate.

"Every human being has an incurable longing to live significantly," Dr. Clarke said.

"To do so he must lose his life in various vital, growing, developing institutions. An institution is but a form of associated or group activity by means of which needful services or desired goals or human values are produced or rendered to or for life.

"They may take the form of a home, a community, a political or economic or educational organization."

Self preservation is generally accounted the first law of life and seems to be the only law of life in periods of desperate national danger or in moments of dire necessities in an individual's existence, Dean Clarke observed. These times of abnormal pressure should not be sampled as the normal or regular state of affairs, he counseled.

"Some of the very best things in life are more securely achieved by not striving for them directly, and by not straining too strenously for them. These are the by-products of other consuming interest and activities. Of human institutions we can say much that we have said for human lives.

"Every human institution of any stage of history or human development may struggle to preserve itself, strive to save itself and lose its life. Or it may lose itself in the process of the outgoing more and more abundant life and save itself.

"Its continued existence depends on its growing with life. The focussing of human attention and energies upon the task of preserving an institution, whether it be one of educational, economical, civic, political, religious or domestic channels, in a firm status quo, means death eventually for the institution. An institution, to live must lose itself. To survive it must continually remake itself to be ever a readier means to the end of the more abundant life."

Instead of planning one's life for a long-term existence, he may prefer the temporary securities and pleasures of the present, Dean Clarke pointed out.

"'Eat, drink and be merry, for tomorrow we die,' may be selected as the guide of life and living by some. Those who choose it certainly will die. And like the beasts of the field dubiously leave as a mark of their having lived only a microscopical effec on the fauna and flora of the future and perhaps a fossil remains for some millenial geologist to decipher."

Dr. Clarke, a native of Friendship, N. Y., received his Ph.B. from Alfred in 1906 and his Ph.D. from the University of Chicago in 1928. He was professor of education and philosophy at Alfred from 1908 to 1910. Since that time he has served on the faculties of the University of Washington, Idaho State College, Beloit College, University of Chicago and the University of Michigan. He has been a professor at Lewis Institute since 1928 and became dean of its School of Arts and Sciences in 1936.

He is a member of the Society for the Promotion of Engineering Education and the author of "Tenure of Teachers in the Professions." His address is Post Office Box 232, Winnetka, Illinois.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: COMMENCEMENT EXERCISES - 6/12/41 -
CIVIC OPERA HOUSE - 8:15 P.M.

RELEASE: FOR THURSDAY, 6/12/41

Commencement exercises of Illinois Institute of Technology, to be held tonight, Thursday, June 12, 1941, in the Civic Opera House, will signify the completion of the merger of Armour Institute of Technology and Lewis Institute. Merged just a year ago, the two schools will tonight graduate 360 students in engineering, architecture, and arts and sciences. In addition, honorary degrees of Doctor of Engineering will be conferred upon three of the nations outstanding industrialist and engineers.

The commencement address, according to announcement by President H. T. Heald, will be delivered by Albert W. Hawkes, nationally known as the president of the United States Chamber of Commerce. Mr. Hawkes, who is also president and chairman of the Board of Congoleum-Nairn Corporation of Kearney, New Jersey, will address this, the first joint graduating class of Armour and Lewis on, "PRESENT OPPORTUNITY FOR TRAINED YOUTH".

President H. T. Heald will confer honorary degrees of Doctor of Engineering upon three notable industrial and engineering personages of the United States. Two of them are alumni of former Armour Institute of Technology and Lewis Institute.

The recipients of the honorary degrees are Charles Donald Dallas, graduate of Armour Institute of Technology, class of 1892, President of the Revere Copper and Brass Company of New York; Richard Henry Whitehead, Lewis Institute alumnus, class of 1908, president and general manager of the New Haven Clock Company, New Haven, Conn.; and Joshua D'Esposito, famous internationally as a consulting engineer and project engineer in the construction of the Chicago subway.

Each of the honorary awards of Doctor of Engineering will be made in "recognition of special and noteworthy contributions to profession and to civilization".

Charles Dallas was instrumental in the consolidation of several large copper and brass companies to form the Revere Copper and Brass Company; Richard Whitehead did

much of the preliminary engineering study which resulted in the successful completion of the Panama Canal; as a consulting engineer, Joshus D'Esposito has been particularly instrumental in construction and design work in connection with the Chicago subway.

Two hundred and four candidates for the degree of Bachelor of Science in engineering, plus twenty-eight candidates for graduate degrees will be presented to President Heald. These candidates will be presented by acting Dean, James Peebles as candidates from the Armour College of Engineering division of the Institute. From the Lewis Institute of Arts and Sciences division will come 125 candidates for the science degree in the arts and sciences. These will be presented to the President by Dean C. L. Clarke.

Top scholastic honors for the year will go to two seniors, one each from the Armour College division and the Lewis division. For the Armour College division, the highest ranking senior is Leo Stoolman, mechanical engineering student . . . . . he averaged 2.84 for four years of scholastic effort out of a possible 3.00.

In the arts and sciences, top honors for the Lewis division go to Norman Frimer, political science major who averaged 2.90 scholastically out of a possible 3.00 for four years of study.

In addition to honoring the top ranking mon students of each of the divisions of the Institute, President Heald announced that top scholastic effort for the female sex will also be honored. This honor will go to Lillian Snodgrass, candidate for the degree for Bachelor of Science in sociology. She will be designated as HONORWOMAN FOR ALL DEPARTMENTS OF LEWIS INSTITUTE DIVISION OF ILLINOIS TECH.

Norman Frimer is a member of Daedalians, social fraternity, and of the Political Science Club; he is active in intramural sports. Leo Stoolman is a member of the Tech student chapter of the Western Society of Engineers, Tau Beta Pi, national honorary engineering fraternity, and he has been an honor marshall at commencement exercises for four years. Lillian Snodgrass is a member of Sigma Omicron Lambda sorority, Lewis editor of the Polygon, student yearbook, and a member of Technology News, student weekly newspaper. She is also a member of the Tech Glee Club.

A phase of tonight's commencement exercises that will come very much as a surprise ill be the commissioning of 18 of the graduating students of engineering as Ensigns n the United States Naval Reserve. Announcement of this action was made by Captain dward A. Evers, USNR, Commandant of the Illinois Area Naval Reserve. Captain Evers, uring the commencement exercises, will swear in the eighteen seniors who are to eceive commissions as ENSIGNS.

Captain Evers stated that one of the seniors had already been sworn in due to the act that he could not be present at commencement exercises tonight. Another of the raduates will not receive his commission tonight due to the fact that he has not as et recovered from a broken leg. Fourteen others who are to receive commissions from he Navy, have deferred acceptance of their Ensign ratings because they have not as yet ompleted school.

The Ensign Commissions, according to Captain Evers, are of the "special volunteer ype in the engineering phase of naval work". The recipients may be called to active uty at any time and will enter Naval services as engineer officers in such divisions f the navy as the procurement division of aviation; in the ordnance division; or in he engineering division.

Although the greatest number of students to receive degrees are the regular four-ear engineering, architecture, and arts and science candidates, special mention must e made of those who have spent as much as 10 years in obtaining their honors. Forty-ine of the recipients of degrees will be candidates from the evening sessions of llinois Institute of Technology. Of these forty-nine candidates, four are from the rmour College division while forty-five are from the Lewis Institute division.

Twenty-eight graduate degrees will be conferred by President Heald upon students ompleting two years of post graduate study in engineering. These degrees will be or work in architecture, science, and chemical, mechanical, electrical, and civil ngineering.

The commencement program will begin with the processional of candidates for degrees followed by the officers and faculty of the Institute. The invocation will be read by the Reverend Harold W. Ruopp, minister of Chicago's famous Central Church.

Special recognition will be given talented graduates. Robert J. Mead, chemical engineer, will sing "Just You", by Burleigh; he will be accompanied by a double octet of seniors of the Glee Club. Gus Mustakas, chemical engineer, will deliver a violin solo; he will play Provost' popular INTERMEZZO.

After the commencement address by Mr. Hawkes, the President will confer degrees. The Recessional will be preceeded by the Benediction to conclude the commencement exercises.

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ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: COMMENCEMENT EXERCISES OF ILLINOIS TECH AT CIVIC OPERA HOUSE: ALBERT W. HAWKES, PRES., U.S. CHAM. COMM. SPEAKER: HONORARY DEGREES AWARDED.

FOR RELEASE: FRIDAY, JUNE 13, 1941.

Continuance of the American way of life depends in part on determination of the 941 graduate to announce its value to the world, Albert W. Hawkes, president of the nited States Chamber of Commerce and Congoleum-Nairn, Incorporated, last night, /12/41 declared.

Speaking at commencement exercises of Illinois Institute of Technology at Civic pera House, Hawkes outlined his plea for vigorous Americanism, to be exemplified by roducts of the nation's schools. His speech was titled "Present Opportunity for rained Youth."

Three hundred and sixty degrees were awarded to students of Lewis and Armour ivisions of the Institute, including 28 advanced degrees to graduate students. Honorry degrees of doctor of engineering were bestowed on Richard Henry Whitehead, Charles onald Dallas and Joshua D'Esposito.

"One of your greatest opportunities," Hawkes told the graduates, "is to help ake a satisfied people, on which a continuance of our American way of life must epend.

"You can do it by fully informing yourselves and by sound thinking. This hould lead you to a determination to make every other citizen with whom you come in ontact realize that each of us has obligations. We must each make a contribution in hought and work if we can expect to partake of the benefits of our great organization, he United States of America, which produces the American way of life."

Citing Helen Keller as an example of accomplishment in spite of odds, Hawkes aid:

"Let us never forget the lesson Helen Keller has taught the world. Even though he was born blind and deaf and therefore was unable to speak, still she sensed an pportunity as it touched her finger tips and lips.

"She not only became a success, but has become famous throughout the world be-
ause she has helped to transmit to others afflicted as she was a great opportunity to
o things. She therefore not only benefitted herself, but has done the greater thing--
he has served humanity in a way that, until her time and accomplishment, was consider-
d impossible."

Praising Lewis division of the Institute, where he studied at night for several
ears, Hawkes predicted rapid progress and expansion for Illinois Institute of
echnology. He emphasized the importance of schools in the democratic order. No lack
f opportunities for trained youth exists today, he declared.

"In a nation of free people there always has been, is, and always will be,
pportunity for every youth who is willing to pay the price of success. In 1896, I
an remember, I came home and told my parents I wished I had been born forty years
ooner because all the good opportunities in the United States were gone.

"There was nothing left but a steady, slow grind to make a living, I added. It
as difficult for me then to believe there was as much or more opportunity in front
f me as had ever been open to anyone in the preceding years of our nation's history.

"So it is just as certain that the opportunities that are in front of you are as
reat as any that have been in front of any generation in this country. Opportunities
ncrease almost in proportion to the increase in population, the congestion of living
onditions, and the complexity of our society."

James D. Cunningham, president of Republic Flow Meters and chairman of the board
f trustees of the Institute, cited Dallas, D'Esposito and Whitehead before President
. T. Heald presented their honorary degrees.

Dallas, of the Armour class of 1902, is president and a director of Revere
opper and Brass, Incorporated. He began in the business world as an office boy at
3.00 per week. He was made president of Dallas Brass and Copper Company in 1918 and
f his present firm in 1931.

D'Esposito, a graduate of the Royal Nautical Institute, Sorrento, Italy, came to the United States in 1898 and became a citizen in 1907, having in 1904 become a draftsman for the Pennsylvania Railroad. He was in charge of engineering operations of Chicago's Union Station from 1913 to 1925, when it was completed. From 1934 to 1939 resident project engineer of Public Works Administration, D'Esposito became Sanitary District Engineer and is now project engineer of the Subway Development.

Whitehead, a native Chicagoan, took a degree of mechanical engineering in the Lewis class of 1908, was an instructor at Lewis for the next four years, became associated in construction of the Panama Canal, ending up in charge of operations of the Pacific Locks of the Canal. Later associated with General George W. Goethals as an industrial engineer, he had, by 1929, risen to president and general manager of The New Haven Clock Company.

A feature of graduation exercises was announcement of commissions, and the commissioning itself, of eighteen graduating engineers of Armour division as Ensigns in the United States Naval Reserve. Captain Edward A. Evers, USNR, commandant of the Illinois Area Naval Reserve., swore in the students. Procurement, ordnance and engineering divisions of the navy will absorb them.

Forty-nine of the 360 students receiving diplomas were graduates of the evening division of the Institute. Forty-five took bachelor of science in arts and sciences degrees from Lewis and four earned bachelor of science in arts and sciences degrees in various branches of engineering from Armour.

Honors awarded undergraduates by President H. T. Heald were as follows:

Lewis Institute of Arts and Sciences: Honor Man of All Departments, Norman E. Primer, 3428 Grenshaw Avenue; Honor Woman of All Departments, Lillian Snodgrass, 20 N. Central Avenue; Awards for the Second Highest Scholastic Record for Four Years, Nells Mori, 821 Cornelia Avenue, and Ruth Sprague, 211 S. Bell Avenue.

Armour College of Engineering: Honor Man of All Departments: Leo Stoolman, 2719 W. Gunnison Avenue; for the Department of Chemical Engineering, Richard Hruda, 2115 S. Ridgeland Avenue, Berwyn; for the Department of Civil Engineering, Roy Jacobsen, 1711 Belle Plaine Avenue; for the Department of Electrical Engineering, Leonard Holmboe, 2508 E. 73rd Street; for the Department of Fire Protection Engineering, Robert Harmon, 809 Talma Street, Aurora; for the Department of Mechanical Engineering, Leo Stoolman, 2719 W. Gunnison Avenue; for the Department of Science, Bernard Rasof, 4939 N. Kimball Avenue; and for the Department of Architecture, Leonard Reinke, Jr., 7411 Dante Avenue.

First and second prizes of the American Institute of Architects for high scholarship went to Leonard Reinke, Jr., 7411 Dante Avenue, and Ludwig Blumberg, 1831 Orleans Street. The latter also won the Charles L. Hutchinson medal for architectural design.

A junior membership in the American Society of Civil Engineers, awarded by the Illinois section, went to John Frederick Donoghue, 5201 South Park Avenue. Junior memberships in the Western Society of Engineers went to Roy E. Jacobsen, 1711 Belle Plaine Avenue, and Henry E. Wessel, 4201 N. Mason Avenue.

An associate membership in the American Institute of Electrical Engineers, awarded by the Chicago section, went to Ben R. Cole, 119 Prairie Avenue, Park Ridge, Ill. A junior membership in the American Society of Mechanical Engineers, awarded by the Chicago chapter, went to John E. Sauvage, 510 Lake Avenue, Wilmette, Ill.

An award by the National Fire Prevention Association went to Robert H. Harmon, 809 Talma Street, Aurora, Illinois, as the ranking scholar of his department. The Alumni award of merit, for a senior first in school activities and scholarship went to Charles D. McAleer, Jr., R.R. #1, Box 175, Des Plaines, Illinois.

-JGM-

ROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE. AWARD OF SCHOLARSHIPS TO ARMOUR AND LEWIS DIVISION WINNERS; EIGHTEEN STUDENTS FROM JUNIOR COLLEGES, HIGH SCHOOLS.

FOR IMMEDIATE RELEASE.

Eighteen winners of one-year tuition scholarships to Armour College of Engineering and Lewis Institute of Arts and Sciences of Illinois Institute of Technology were nnounced today by H. T. Heald, president.

Applicable to the scholastic year of 1941-42, the awards were competed for by ore than 300 high school seniors of the metropolitan area and thirteen states. ritten examinations and personal interviews determined winners.

Armour College of Engineering scholarships went to ten high school seniors of he Chicago district. They are.

Benjamin Borgerson, 4032 Wellington Avenue, Schurz High School; Leonard Chase, 158 S. Aberdeen Street, Lindblom High School, Richard Christian, 2141 Bradley Place, ane High School; Robert Dahl, 5959 W. Division Street, Austin High School; Robert naedinger, Jr., 644 N. Elmwood Avenue, Oak Park, Oak Park High School; Charles Hall, r., 1253 Elmdale Avenue, Senn High School, Richard Kelley, 8149 Jeffrey Avenue, arvard School for Boys; Harold Kimball, 1455 E. 69th Place, Leo High School; Ronald ind, 622 S. Euclid Avenue, Villa Park, York Community High School; and John Reed, 838 S. Union Avenue, Leo High School.

Lewis Institute of Arts and Sciences scholarships went to eight persons, five of hem high school seniors, two junior college graduates, and one with one year of junior ollege, all from the metropolitan area. They are:

June Rachuy, 4329 N. Troy Street, and Jeanette Peterson, 4715 Belmont Avenue, raduates of Wright Junior College; Gloria Klouzar, 1421 S. 57th Court, Cicero, one ear, Morton Junior College; Joseph Dalton, 203 N. Pulaski, St. Mel High School; Charles arner, 3832 W. Polk Street, St. Mel High School; Ann Mossner, 1304 S. 12th Avenue, aywood, Proviso Township High School; Virginia Pochelski, 2717 N. Sacramento Avenue, Schurz High School; and Viola Sievers, 3108 77th Avenue, Elmwood Park, Schurz High School

Two special scholarships were announced at the same time. One, donated by the 5th Central Civic Assembly for National Youth Week, went to Raymond H. Rickhoff, 017 N. Monticello Avenue, Crane Technical High School, and will be a one-year tuition ward to Lewis division. The second, won by Westly Ruther, 6517 Greenview Avenue, ullivan High School, was given by Armour College of Engineering at request of itizens of Tomorrow program of the Chicago Daily Tribune.

June Rachuy, Wright Junior College, is a graduate of Little Rock High School, ittle Rock, Iowa, where she won numerous scholastic awards. At Wright Junior College he has been a columnist on the student paper, writes literary criticism for the chool magazine, and has contributed verse to a number of national poetry reviews.

Jeanette Peterson, Wright Junior College, is a graduate of Tuley High School. he is principally interested in chemistry, mathematics and English leading to a pre-edic course. Winner of several scholastic honors in high school, she is a class eader at Wright.

Gloria Klouzar, Morton Junior College, is a graduate of Morton High School, where he was a member of the national honor society. At Morton Junior College she won a etter for tennis and was a leading student. She is interested chiefly in dietetics nd will take a course in home economics.

Benjamin Borgerson, Schurz, hopes to take a chemical engineering course at Armour. e liked chemistry, mathematics and physics best in high school. He was a member of he Laurels, honor group and was in the upper seven per cent of his class. He played irst violin in the orchestra, was an R.O.T.C. captain, and was a Boy Scout, star rank.

Leonard Chase, Lindblom, hopes to take an electrical engineering course at Armour. e won three scholarship certificates at Lindblom, belonged to the honor society and njoyed chemistry, physics and mathematics. He ranked 27th in a class of 250 students.

Richard Chirstian, Lane, hopes to take a chemical engineering course at Armour. e was editor of the Lane Tech Prep, associate editor of the annual, played trombone in he band for three years, and was interested in photography.

Robert Dahl, Austin, hopes to take a civil engineering course at Armour. In a class of 876 students he ranked first scholastically. He won high rating in his school Latin contest and was interested in mathematics and scientific subjects.

Robert Gnaedinger, Jr., Oak Park, was nineteenth in his class of 750 students. For three and one-half years he was on the high school honor roll. He won a manager's letter for sports, was on the safety council as committee chairman and won a first alternateship to Oberlin College for physics. He was a member of the debating club, the radio club, and worked in the advertising department of the school paper.

Charles Hall, Jr., Senn, hopes to take a chemical engineering course at Armour. He was a member of the national honor society, liked mathematics, physics and chemistry and ranked in the highest ten per cent of his graduating class. He belonged to the mathematics club, stamp club and Greek club, and was active in intramural sports.

Richard Kelley, Harvard School, hopes to take the electrical engineering course at Armour. He ranked first in a class of twenty, belonged to the national honor society, was on the staff of the school paper and was associate editor of the annual.

Harold Kimball, Leo. hopes to take a chemical engineering course at Armour. He attended Leo on a scholarship, won first prize in the school essay contest, was in the upper five per cent of his class, received debating honors and was on the staff of school publications. His chief interests were chemistry and mathematics.

Ronald Lind, York Community, hopes to take a science course at Armour. Chiefly interested in chemistry and mathematics, he was president of his section of the national honor society, won a major football letter as center, was in the drama club and earned an appointment to the United States Naval Academy.

John Reed, Leo. hopes to take a course that will allow him to become a research chemist or a chemical engineer. He was in the upper ten per cent of his class of 200. He played on intramural baseball and basketball teams and in the orchestra. He was on the honor roll for four years.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: FORMATION OF "GAS INSTITUTE" AS AN AFFILIATE OF ILLINOIS TECH - $1,000,000 PROGRAM.

FOR IMMEDIATE RELEASE

Illinois Institute of Technology, as a result of an extensive survey conducted among the leading colleges and universities of the United States, has been selected to be the site, and its staff and administrative officers, the administrators of a projected INSTITUTE OF GAS TECHNOLOGY. The new "Gas Institute" will be located on the present campus of Illinois Tech in Chicago and will involve an expenditure of more than $1,000,000, exclusive of necessary additions to plant and existing equipment.

This new program will provide for the creation of a separate unit at Illinois Tech (its present south side campus), for the purpose of conducting primarily a comprehensive program of graduate instruction leading to the Master of Science and Doctor of Philosophy degrees. There will also be conducted and encouraged under this graduate program of instruction, fundamental and applied research pointed towards the betterment of the future of the gas industry, according to H. T. Heald, President. President Heald returned yesterday from New York City where he had attended the final organization meeting of the Trustees acting upon the affiliation of the "Gas Institute" with Illinois Institute of Technology.

"Initial financing will provide funds for operating and maintenance expenses in the amount of at least $100,000 per year for a period of ten (10) years," said President Heald. "These expenses will include instructional costs and regular maintenance costs," he added.

Additional provision will be made for funds to erect the necessary buildings to house the instructional and research activities under this program.

Actual operation is scheduled to begin September, 1941 concurrent with the opening of Illinois Institute of Technology for the regular academic year of 1941-42. From five to ten fellowships will be granted students for the first year of operation. The program, however, when in complete operation, contemplates a student body of graduate level of from 50 to 60 students with a well qualified faculty chosen for their competence in research and graduate instruction.

Plans for the "Gas Institute" include the erection of buildings to house its activities. These buildings will be in addition to the new structures planned by Illinois Institute of Technology under its current expansion program.

While not a part of the $3,000,000 special development program of Illinois Tech, The INSTITUTE OF GAS TECHNOLOGY project directly supplements it, according to Wilfred Sykes, president of Inland Steel and chairman of the development committee of the Institute's board of trustees.

"The fact that leading gas companies across the country have chosen Illinois Institute of Technology as the site for this important project is, we believe, largely attributable to the plans which our trustees have laid for developing on this campus a technological training center second to none. We are proceeding to launch an early effort to assure funds for the most urgent of our building needs, Metallurgical, Mechanical, Chemical and Electrical Engineering buildings, a Library and Administration building, and a Humanities building," said Mr. Sykes.

At present, according to President Heald, seventeen gas companies are members of the organization group. The decision to create the INSTITUTE OF GAS TECHNOLOGY at Illinois Tech came as a result of two years of investigation on the part of a committee of the gas industry, headed by Frank C. Smith, President of the Houston Natural Gas Company (Texas).

F. H. Lerch, Jr., President of the Gas Companies, Inc., of New York and chairman of the committee on university affiliation of the gas companies, confirmed the announcement of plans to create the new Institute. Mr. Lerch also formally announced selection of Illinois Institute of Technology from the group of colleges and universities in the United States under investigation as to capability to handle the project.

In making announcement of the selection of Illinois Institute of Technology as the sponsor of the new project, Mr. Lerch said:

"Illinois Institute of Technology impressed the gas industries' committee by its willingness and excellent ability to cooperate in this project. The "Gas Institute" will have as its primary objective the training of man power specifically for the gas industry. Trained exclusively on the graduate level, these men will have the benefit of the highly respected graduate school now in existence at the Institute.

"The scope of the curriculum, the excellence of its faculty, the character of the fundamental research to be undertaken for the degree, will be designed to make available the highest type of scientifically trained personnel and to broaden the scientific knowledge applicable to the solution of the problems of one of the nation's most important industries."

"Such an institution as the 'Gas Institute,' said President Heald, "must necessarily have the highest standards. This will necessitate a carefully selected student body and faculty."

Six principle objectives have been laid down to form the basis of operation of the "Gas Institute". First of all the founders of the new Institute expect it to be operated to "train qualified young men, college graduates, for entrance as valuable employees to the gas industries. The other five objectives are: conduct fundamental research; conduct applied research; collect and distribute scientific information pertaining to gas research, development, investigation, and processes; as a central organization to stimulate research throughout the gas industry; and, as a central organization to coordinate research in the gas industry."

Upon completion of four years of study, the student under this program would receive the degree of Doctor of Philosophy, awarded by Illinois Institute of Technology

The course of study, which requires college graduation for admission, would include three years of academic training based upon the fundamental sciences and fundamental research. The fundamental science studies include organic chemistry; engineering mathematics; physics; fluid flow and heat transfer; physical chemistry; gas technology; chemistry of polymerization and depolymerization; and catalysis and surface chemistry.

The curriculum also includes the equivalent of one year of academic work designed to give the background of the gas industry, including operation, management and regulations of public utilities; equipment and materials for the manufacture, storage and distribution of gas; by-products of the gas industry; management problems of the gas industry; and other related subject matter.

The fourth year of the student's training will basically consist of research of a fundamental nature of interest to the gas industry. In addition, the student shall be expected to have spent at least three summers of work in some phase of the gas industry.

The administration of the "Institute of Gas Technology" will be vested in a board of trustees made up of representatives of the gas industry and trustees of Illinois Tech. At the New York meeting the following officers were elected: For chairman of the Board of trustees, Frank C. Smith, President of the Houston Natural Gas Company (Texas); for president of the Gas Institute, H. T. Heald, President of Illinois Institute of Technology. For members of the executive committee, in addition to the chairman and president, the following: Herman Russell, President, Rochester Gas and Electric Corporation (New York); F. H. Lerch, Jr., President, Gas Companies, Inc., New York; Frank H. Adams, vice-president, Surface Combustion Corporation, Toledo, Ohio; Thomas Drever, President, American Steel Foundries, Chicago and member of the Board of Trustees of Illinois Tech; and Wilfred Sykes, President of Inland Steel, Chicago and member of the Board of Trustees of Illinois Tech.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: 55 ASSISTANTSHIPS, FELLOWSHIPS, GRADUATE AND UNDERGRADUATE SCHOLARSHIPS, AWARDED FOR 1941-42 BY ILLINOIS TECH.

FOR IMMEDIATE RELEASE.

Awards totalling approximately $34,000, distributed among fifty-five students, have been made for the school year of 1941-42, H. T. Heald, president of Illinois Institute of Technology, today announced.

Twenty-seven of these, to the sum of $18,900, went to men engaged in graduate study, as teaching assistants, fellows or scholars. The remainder was shared by nineteen Armour division, and nine Lewis division, winners of scholarships from high schools and junior colleges chiefly in the Chicago area.

Appointments of eleven half-time teaching assistants working for higher degrees, with average individual awards of $850, is as follows:

Chemical engineering, Nathan Muller, 1435 Central Avenue, Louisville, Kentucky, and Warren L. Plunkett, 303 Oakridge Blvd., Lynchburg, Virginia; chemistry, LeRoy Bromley, 2004 W. "F" Street, Napa, California, and Robert W. Rasmussen, 1104 N. Armstrong Avenue, Kingsville, Texas.

Civil engineering, Stefan J. Fraenkel, 2833 S. 32nd Avenue, Omaha, Nebraska, electrical engineering, Waldemar Schapira, 3152 Douglas Blvd., Chicago; mechanical engineering, Jerome Balter, 1027 Walton Avenue, Bronx, New York City, Ernest G. Chilton, Guggenheim Aeronautics Laboratory, Pasadena, California., and Lee Van Cunningham, Jr., 223 E. 68th Street, Shreveport, Louisiana; physics, David B. Dekker, 2524 E. Glenoaks Blvd., Glendale,California; mathematics, Albert L. Latter, 83 N. Catalina Avenue, Pasadena, California.

Appointments of eight third-time teaching assistants working for higher degrees, with average individual awards of $700, is as follows:

Chemical engineering, Frank W. Smith, 417 Pennsylvania Avenue, Prospect Park, Pennsylvania, and Carl Bisesi, 6151 Liebig Avenue, New York City; chemistry, Irving S. Goldstein, 10 Spring Street, Monticello, New York, and Robert Saunders, 1838 Davis Avenue, Whiting, Indiana.

Civil engineering, Herbert Gray, Route #2, Anton, Texas, and Paul F. Rice, Solen, North Dakota; electrical engineering, John Sukup, 1844 N. 28th Street, Milwaukee, Wisconsin; physics, Marvin H. Wilkening, Oak Ridge, Missouri.

Appointment of six fellows working for higher degrees, with average individual awards of $450, is as follows:

Chemistry, Harold Pokras, 831 N. Alta Vista Blvd., Hollywood, California, and Theodore Sobel, 17-07 Boston Road, New York City; civil engineering, Clytus L. Parris, 546 N. Reagan Street, San Benito, Texas, and Elia Sternberg, 35 S. Eastfield Avenue, Trenton, New Jersey; mathematics, Frank Lane, Box M, Mountainair, New Mexico; and Sherwin Chase, 4335 S. Drexel Avenue, Chicago, Illinois.

Appointment of two scholars working for higher degrees, with average individual awards of $300, is as follows:

Chemical engineering, James Waber, 9307 Laflin Street, Chicago; architecture, Derald M. West, 6205 S. Mayfield Avenue.

Eight fire protection engineering scholarships, each for four years at $300 value per year, have been given by Armour College of Engineering. The winners have been chosen and will be announced shortly.

Armour College of Engineering scholarships, each valued at $300, went to ten high school seniors of the Chicago district. They are:

Benjamin Borgerson, 4032 Wellington Avenue, Schurz High School; Leonard Chase, 7158 S. Aberdeen Street, Lindblom High School; Richard Christian, 2141 Bradley Place, Lane High School; Robert Dahl, 5959 W. Division Street, Austin High School; Robert Gnaedinger, Jr., 644 N. Elmwood Avenue, Oak Park, Oak Park High School; Charles Hall, Jr., 1253 Elmdale Avenue, Senn High School; Richard Kelley, 8149 Jeffrey Avenue,

Harvard School for Boys; Harold Kimball, 1455 E. 69th Place, Leo High School, Ronald Lind, 622 S. Euclid Avenue, Villa Park, York Community High School; and John Reed, 5838 S. Union Avenue, Leo High School.

Lewis Institute of Arts and Sciences scholarships each valued at $224 went to eight persons, five of them high school seniors, two junior college graduates, and one with one year of junior college, all from the metropolitan area. They are:

June Rachuy, 4329 N. Troy Street, and Jeanette Peterson, 4715 Belmont Avenue, graduates of Wright JuniorCollege; Gloria Klouzar, 1421 S. 57th Court, Cicero, one year, Morton Junior College; Joseph Dalton, 203 N. Pulaski, St. Mel High School; Charles Marner, 3832 W. Polk Street, St. Mel High School; Ann Mossner, 1804 S. 12th Avenue, Maywood, Proviso Township High School; Virginia Pochelski, 2717 N. Sacramento Avenue, Schurz High School; and Viola Sievers, 3108 77th Avenue Elmwood Park, Schurz High School.

Two special scholarships were announced at the same time. One, donated by the 15th Central Civic Assembly for National Youth Week, went to Raymond H. Rickhoff, 1017 N. Monticello Avenue, Crane Technical High School, and will be a one-year tuition award to Lewis division. The second, won by Westly Ruther, 6517 Greenview Avenue, Sullivan High School, was given by Armour College of Engineering at request of Citizens of Tomorrow program of the Chicago Daily Tribune.

Half-time assistant Muller will study for a chemistry PH.D. During the past year he has been an instructor in chemical engineering at Alabama Polytechnical Institute, Auburn, Alabama. His M.S. in chemical engineering was received in 1939 from the University of Louisville and his B.S. in the same subject in 1938 at Mississippi State College, State College, Mississippi.

Half-time assistant Plunkett will study for an M.S. in chemical engineering. He graduated in June from University of Virginia, University, Virginia, with the degree of B. Ch. E. Half-time assistant Bromley will study for an M.S. in chemical engineering. He graduated from University of California, Berkeley in June with a B.S. degree.

Half-time assistant Rasmussen will study for an M.S. in chemical engineering. He graduated with a B.S. in civil engineering in June from Texas College of Arts and Industries, Kingsville, Texas. Half-time assistant Fraenkal will study for a Ph.D. in civil engineering, his M.S. in the same subject having been received in June from University of Nebraska, Lincoln, Nebraska, where he received his B.S. in civil engineering in 1940.

Half-time assistant Schapira will study for an M.S. in electrical engineering, having graduated in June with a B.S. in that subject from Lafayette College, Easton Pennsylvania. Half-time assistant Balter will study for an M.S. in mechanical engineering, having graduated in June from the school of technology of City College of New York with a bachelor of mechanical engineering degree.

Half-time assistant Chilton will study for a Ph.D. in mechanical engineering, having received his M.S. in the same subject from California Institute of Technology, Pasadena, in June. His degree of B.S. in Aeronautics was received in 1940 from Massachusetts Institute of Technology.

Half-time assistant Cunningham, Jr., will study for a M.S. in mechanical engineering, having received a B.S. in that subject in June from Louisiana Polytechnic Institute, Ruston, Louisiana. Half-time assistant Dekker will study for an M.S. in mathematics, having received his A.B. in that subject from the University of California Berkeley, California, in June.

Half-time assistant Latter will study for a Ph. D. in mathematics, having received an A.B. in that subject from University of Southern California, Los Angeles, in June. Third-time assistant Smith will study for a Ph.D. in chemical engineering, having graduated in June from Villanova College, Villanova, Pennsylvania, with a B.S. in chemical engineering.

Third-time assistant Bisesi will study for an M.S. in chemical engineering, having received in June a bachelor of chemical engineering degree from Pratt Institute, Brooklyn, New York. Third-time assistant Goldstein will study for a Ph.D. in

chemistry, having received a B.S. in chemistry from Rensselaer Polytechnic Institute, Troy, New York, in June.

Third-time assistant Saunders will study for Ph.D. in science, having received his master of science degree from the graduate school of Illinois Institute of Technology in June.

Third-time assistant Gray will study for an M.S. in civil engineering, having received his B.S. in civil engineering in June from Texas Technological College, Lubbock, Texas. Third-time assistant Rice will study for M.S. in civil engineering, having received his B. S. in that subject from North Dakota State College, Fargo, North Dakota, in June.

Third-time assistant Sukup will study for an M.S. in electrical engineering, having received a B.S. from Marquette University, Milwaukee, Wisconsin, in 1940, and having done graduate work in electronics at Harvard University, Boston, Massachusetts, during the past year.

Third-time assistant Wilkening will study for an M.S. in physics, having received a B.S. in June, 1939, from Missouri State Teachers College, Cape Girardeau, Missouri, and having acted as a science instructor in Jackson High School, Jackson, Missouri, during the past year.

Fellow Pokras will study for a Ph.D. in chemistry, having received a B.A. from the University of California, Berkeley, California, in 1940, and an M.A. from that school in June. Fellow Sobel will study for an M.S. in chemical engineering having received in June a B.S. in chemical engineering from the University of Maine, Orono, Maine.

Fellow Parris will study for a M.S. in civil engineering, having received a B.S. from Texas Technological College, Lubbock, Texas, in 1939, and having served with the International Boundary Commission since that time. Fellow Sternberg will study for a M.S. in civil engineering, having received a bachelors degree in civil engineering, and having studied previously at the University of Vienna and the University of London.

Fellow Lane will study for a M.S. in mathematics having received a B.A. degree from University of New Mexico, Albuquerque, New Mexico, in June. Fellow Chase, having received an a master of science degree from Illinois Institute of Technology in June, will study for a Ph.D. in that subject.

Scholar Waber will study for an M.S. in chemical engineering, having received a B.S. in that subject in June from Illinois Institute of Technology. He is a graduate of Morgan Park High School, Chicago. Scholar West will study for a M.S. in architecture, having received a bachelor of architecture degree in June from the University of Minnesota.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH DELEGATION TO S.P.E.E.
ANN ARBOR MEET HEADED BY PRESIDENT
H. T. HEALD, VICE PRESIDENT L.E.
GRINTER.

FOR RELEASE: MONDAY, JUNE 23, 1941.

Twelve members of the administration and faculty of Illinois Institute of Technology were in attendance today (Monday, June 23, 1941) as the forty-ninth annual meeting of the Society for Promotion of Engineering Education convened at Ann Arbor with the University of Michigan as host.

Led by President H.T. Heald, a member of the National Council of the Society, and Vice President L. E. Grinter, official Institute representative to the meeting, the Institute party prepared to take an active part in the five-day deliberations of the group.

"Science and Technology in the Engineering Curricula," the theme of the conference, will be subdivided into separate meetings related to aeronautics; chemical, civil, electrical, mechanical and industrial engineering; comprehensive examinations; cooperative engineering education; English; evening engineering education; engineering drawing, economy and research; junior colleges; labor relations; mineral technology; and personal development.

President Heald took part at 9 a.m. today (6/23/41) in a ten-man symposium on engineering research, under the subheading of "Industrial Aid in Research." Industry's need for research, the special services a research foundation can accomplish for industry, and problems relating to cost of subsidized research for industry in connection with an educational institution were outlined.

At 2 p.m. today (6/23/41) a panel discussion on physics as a part of engineering education was presented by Vice President Grinter, with the assistance of J. S. Thompson, 5710 Blackstone Avenue, professor of physics and chairman of the department at the Institute, in the form of popularized dialogue concerning civil engineering aspects of the subject.

The values of physics for the student civil engineer as a technical or professional subject and as a cultural norm were discussed. Study of theoretical mechanics, strength of materials, hydraulics and structural analysis, as covering much of the same ground a physicist covers in study of mechanics, was considered.

Included in the party accompanying Heald and Grinter was Dr. R. C. Kintner, 3833 Dante Avenue, of the chemical engineering department, who will speak at a general session Wednesday (6/25/41) on photographic exhibition of chemical engineering equipment laboratory.

Others attending were Professor Harry McCormack, 440 Sunset Road, Winnetka, Illinois, head of the chemical engineering department; Professor L. R. Ford, 5600 Dorchester Avenue, head of the department of mathematics; Professor Joseph B. Finnegan, 1400 E. 56th Street, head of the fire protection engineering department; Professor B.B. Freud, 5858 Magnolia Avenue, head of the department of chemistry; Professor Phil C. Huntly, 281 Northwood Road, Riverside, Illinois, head of the department of civil engineering; Professor H. P. Dutton, 2242 Pioneer Road, Evanston, Illinois, head of the social science department and dean of the evening division; Lloyd H. Donnell, 5525 Kimbark Avenue, professor of mechanical engineering, and Sholto M. Spears, 1720 W. 105th Place, associate professor of civil engineering.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: RETIREMENT OF PROFESSOR C. E. PAUL
33 YEARS ON STAFF OF INSTITUTE.

FOR RELEASE: SUNDAY, 6/22/41

Professor C. E. Paul, Chairman of the Department of Mechanics of Illinois Institute of Technology, is retiring from active duty, according to announcement made yesterday by H. T. Heald, President. Professor Paul, who resides in Chicago at 1528 Farwell Avenue, also held the position of Director of the Science Curricula of the Armour College of Engineering.

According to the President's announcement, Professor Paul has requested retirement in line with the Institute's policy of permitting departmental heads to retire from executive responsibility upon reaching the age of 65 years. He will reach the age of 65 years shortly after the beginning of the next academic year (1941-42).

Professor Paul has been one of the most active members of the faculty of Armour Institute of Technology. His record in brief states: He was head of the Department of science and director of the curricula... he was head of the department of mechanics ....at one time, he was chairman of three departments simultaneously....he compiled the original tables for basic lumber sizes upon which American Lumber Standards were established.

He came to Armour Institute of Technology in 1908 as Associate Professor of Mechanics. Born in Belfast, Maine in 1876, he attended Belfast secondary schools before going to Chauncy Hall preparatory school in Boston. He received his undergraduate training at Massachusetts Institute of Technology where he had conferred upon him the degree of S.B. in mechanical engineering.

His professional and educational experience has been exceptionally wide. In 1903 he joined the staff of Kansas State College; in 1905 he served as a department head on the staff of New Mexico State College; and from 1907 until 1908 when he joined the staff of Armour Institute of Technology, he was on the faculty of Pennsylvania State College as Professor of Mechanics.

Throughout his career as an exceptionally well-liked teacher, he continually engaged in professional consulting work. Before entering upon his teaching career, he served for two years (1900-02) as a designer and sales engineer for the James W. Tufts Company of Boston. As a consultant, he specialized in industrial construction and building materials.

From 1915 to 1921 he was construction engineer for the National Lumber Manufacturers' Association and in this connection he did a large amount of original research leading to the present American Lumber Standards. Among his other prominent professional engineering positions was that of consulting engineer for the Weyerhaeuser Timber Company, St. Paul, Minn., 1920-30.

From 1910 to 1915 he was Associate Editor of the American Builder and the Cement World, both of which have since merged with other publications having new names. He is also author of many books, pamphlets and technical articles relating to building construction, concrete, lumber, estimating, and contracting. At one time he wrote a series of sixty consecutive articles on building construction and materials for one of the leading construction magazines. He has also written the larger part of three volumes of an encyclopedia of building construction, as well as a handbook of estimating and contracting.

He is a member of the American Society for Testing Materials, having served as chairman of the sub-committee on timber specifications for many years; the National Fire Protection Association, serving on the committee on building construction; the Society for the Promotion of Engineering Education; the Western Society of Engineers; Tau Beta Pi, National honorary engineering fraternity, Theta Xi, national social fraternity; and Sphinx, literary fraternity.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: APPOINTMENT OF DR. RUTH COWAN CLOUSE
PROFESSOR OF NUTRITION AND CHAIRMAN
OF HOME ECONOMICS IN LEWIS DIVISION;
EFFECTIVE SEPTEMBER 1; APPLIED ARTS
MERGED.

FOR RELEASE. THURSDAY, JUNE 26, 1941

Dr. Ruth Cowan Clouse, 5643 Blackstone Avenue, nutrition expert associated with the Council on Food and Nutrition of the American Medical Association, has been appointed professor of nutrition and chairman of the home economics department of Illinois Institute of Technology, it was announced today by H. T. Heald, president.

Prior to 1935, when she assumed her post with the medical body as nutrition consultant on the headquarters staff of the Council on Food and Nutrition, Dr. Clouse had wide experience in teaching and research fields. Her appointment is effective September 1, and will make her the only woman department chairman of the Institute.

Expansion of the home economics department, a part of Lewis division of the Institute, to include the applied art department, will make for an educational realignment expected to prove of signal benefit to students, President Heald stated.

"For many years Lewis Institute, merged a year ago with Armour Institute of Technology to become Illinois Institute of Technology, has been widely known for its home economics courses," he said.

"Integration of courses of the enlargened home economics department with the curricula of Lewis division will be greatly emphasized by the program Dr. Clouse will put into effect. Absorption of the applied art department should aid this end. Demand for professional training of students for careers in the field of home economics, as well as the equipping of women for the task of expert home-making, will be answered by the Institute's accent on this type of education."

Born on Chicago's West Side, not far from Lewis Institute, Dr. Clouse attended Hyde Park High School. She received a B.S. in chemistry from the University of Chicago. Both degrees were in home economics, and the major field of study in each case was food nutrition. Dr. Katherine Blunt, now head of Connecticut College for Women,

formerly chairman of the department of home economics of the University of Chicago, under whom Dr. Clouse did much of her research, was a collaborator on "Ultra Violet Light and Vitamin D in Nutrition," a book published in 1930.

Dr. Clouse also worked under Dr. Lydia J. Roberts, successor to Dr. Blunt at the University of Chicago. On gaining her bachelor's degree, she became an instructor of home economics at the University of Arkansas (Fayetteville). In 1922 she became assistant professor in the same subject at Michigan State College (East Lansing).

In 1927 Dr. Clouse returned to the University of Chicago, becoming assistant to Dr. Blunt. Chemistry of foods , chemistry of nutrition and related problems that included graduate classes were among courses taught. Dr. Clouse had the year before held the Ellen H. Richards scholarship and was thus able to mix research and classroom activities.

On becoming associate professor of home economics at the University of Tennessee (Knoxville) in 1931, Dr. Clouse was to be engaged in the final span of teaching before she began work in 1935 for the American Medical Association. The summer of 1934 was spent in the depressed area of Key West, Florida, where first-hand contact with community rehabilitation aspects of nutrition gave her valuable experience. At that time she was employed by the Florida Relief Administration as home economist.

Not only will standards of the American Dietetic Association and other professional standard-making bodies be met but supplementary training designed to give students the widest grasp of home economics practices of professional nature will be in force, Dr. Clouse announces in outlining the policy of her department.

"An effort to utilize late equipment, with adaptations brought about by trends in large-scale cooking as well as new home methods, will be made," she said.

During August Dr. Clouse will make a survey trip through prominent schools of home economics and institutes of dietetic study on the Atlantic seaboard before assuming duties at Lewis division.

Amplifying President Heald's words on integration of the home economics program with other parts of the curricula, Dr. Clouse said she hoped each freshman girl might arrange her schedule to include one or more courses in home economics. Instead of declining in a day of prepared foods, the attention of women in the home to dietary and related problems must necessarily be on the increase, she stated.

In line with the shift at Lewis division from quarterly to semester arrangement of class hours effective in September, courses in home economics will be on that basis.

Classes in introduction to nutrition, food study, selection and costs of food, food for the family, tearoom management, food preparations in large quantities, dietetics, experimental cookery, institutional accounting and purchasing, nutrition in disease, clothing, study of clothing materials, millinery, problems in textile buying, dress design, home nursing and sanitation, plan, selection and care of the house, child study, the family and its relationships, child welfare, vocational home economics, methods in home economics education and consumer education movements will be taught.

Courses in the past proper to the department of applied art, now to be taught as part of the home economics curriculum, are drawing and composition, design, costume design, interior decoration, applied design, color theories, ceramics, model and model making, and origin and properties of clays.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: DR. L. E. GRINTER, VICE PRESIDENT OF ILLINOIS TECH, ADDRESSES MECHANICAL ENGINEERING MEET AT PURDUE, THURSDAY, 7/3/41

FOR IMMEDIATE RELEASE

Dr. Linton E. Grinter, 1321 E. 56th Street, vice president and dean of the graduate school of Illinois Institute of Technology, will be a speaker Thursday (7/3/41) at the closing meeting of the summer session on mechanical engineering education at Purdue University.

His address, to be delivered at 11 a.m., will be titled "Encouraging Selected Students to Graduate Study." Leading figures in the American mechanical engineering field have been convened since Sunday under triple sponsorship of the Society for Promotion of Engineering Education, the American Society of Mechanical Engineers, and Purdue University.

In addition to his graduate school function, Dr. Grinter has been recently named acting head of the department of mechanics, to succeed Dr. Charles E. Paul, lately retired.

The nature of graduate study, the lack of emphasis on graduate study in mechanical engineering, what persons that should take graduate study and why, what a graduate school can do for a student, how graduate classes should be conducted, and the role of research as a part of graduate study will be touched upon by Dr. Grinter.

"Students ordinarily undertake graduate study because of one of the following factors -- the urge to learn, the economic advantage and prestige inherent, the encouragement of a company for which they may work, and dissatisfaction with a situation

in which they find themselves," Dr. Grinter believes.

"It is not too often clearly understood that graduate study is not a fifth year of undergraduate work, not an opportunity to study new fields in a search for culture, and not a substitute for actual practice of the profession in the field.

"It is, however, a fundamental study of the scientific background of engineering with applications, and should always be regarded as such."

Graduate study is able to perform certain services for the institution which sponsors it. It can, and does, develop research specialists, prepare teachers, develop ability to investigate and stimulate professional consciousness, Dr. Grinter declared.

Dr. Grinter was educated at the University of Kansas and the University of Illinois, and combines experience in the engineering departments of large corporations with experience in educational institutions. He has made outstanding contributions to basic knowledge in structural engineering. From 1928 to 1937 he was Professor of Structural Engineering at the Agricultural and Mechanical College of Texas, carrying on research and teaching structural engineering. He came to Armour Institute in 1937 as Director of the Department of Civil Engineering and Dean of the Graduate Division.

Dr. Grinter is a member of Sigma Xi, Tau Beta Pi, American Society of Civil Engineers, and Society for Promotion of Engineering Education, and is a registered Structural Engineer in Illinois. He is the author of a standard series of textbooks as well as many technical papers, and although only thirty-eight years of age, has already been an officer of many national and local engineering societies. Under his direction, the graduate courses at Illinois Institute of Technology have developed rapidly, and his leadership has proved an inspiration to the highest scholastic attainment on the part of students and faculty.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: APPOINTMENT OF NEW FACULTY TO LEWIS DIVISION OF ILLINOIS TECH; NEW EQUIPMENT AND CURRICULUM CHANGES.

FOR IMMEDIATE RELEASE.

Preparations for opening of the forty-sixth scholastic year of Lewis division of Illinois Institute of Technology in September are in full swing as laboratories and classrooms are newly outfitted and curriculum and faculty additions are announced.

Dr. C. L. Clarke, P. O. Box 232, Winnetka, Illinois, Lewis dean, in announcing the scholastic year would open September 15, 1941, also disclosed the quarterly division of the school year had been discarded in favor of the semester division, once in force at Lewis.

This change in structure of the school year will bring Lewis classes into conformance with those at Armour campus, where the semester system is traditional, he said. Aside from the benefit of unanimity of class schedules effected, the undergraduate body is expected to gain greatly in having a common holiday and social calendar with Armour students.

Appointment of a home economics department head and consolidation of the department with that of applied arts will be major developments of the new semester.

Effective September 1, Dr. Ruth Cowan Clouse, 5643 Blackstone Avenue, nutrition consultant on the headquarters staff of the Council on Food and Nutrition of the American Medical Association, will become professor of nutrition and chairman of the home economics department.

Dr. Clouse, who will be thus the only woman department chairman of the Institute, has had wide experience in teaching and research fields. A native of Chicago's West Side, Dr. Clouse attended Hyde Park High School. She received a B.S. in chemistry from the University of Chicago in 1918.

Dr. Clouse had been encouraged by teachers to take as many home economics courses as possible and thus she was ready for graduate work in the field of dietetics and nutrition. She received an M.S. in home economics in 1922 and a Ph.D. in the same subject in 1933.

Under Dr. Katherine Blunt, now president of Connecticut College for Women and formerly chairman of the department of home economics at the University of Chicago, Dr. Clouse was able to establish herself as an authority in the field of vitamin study They collaborated on a volume, which was standard in its field and is now out of print called "Ultra Violet Light and Vitamin D in Nutrition." It was published in 1930.

Dr. Clouse also worked under Dr. Lydia Roberts, successor to Dr. Blunt at the University of Chicago. On gaining her bachelor's degree, she became an instructor of home economics at the University of Arkansas. In 1922 she became assistant professor in the same subject at Michigan State College.

In 1926 Dr. Clouse held the Ellen H. Richards scholarship at the University of Chicago and was enabled to pursue graduate work at that time. She became assistant to Dr. Blunt the following year, teaching chemistry of foods, chemistry of nutrition and related subjects. She was able also at that time to mix research work with her teaching career.

On becoming associate professor of home economics at the University of Tennessee in 1931, Dr. Clouse was to be engaged in the final span of teaching before she began work in 1935 for the American Medical Association. The summer of 1934 was spent in the depressed area of Key West, Florida. At that time she was employed by the Florida Relief Administration and received first-hand contact with community rehabilitation aspects of nutrition.

Next month Dr. Clouse will make a swing through eastern collegiate campuses in an effort to check on latest developments in the home economics field.

The department of applied arts, for many years autonomous, will be combined with that of home economics at the opening of the semester. The following classes will be taught in the enlarged home economics department:

Introduction to nutrition, food study, selection and costs of food, food for the family, tearoom management, food preparations in large quantities, dietetics, experimental cookery, institutional accounting and purchasing, nutrition in disease, clothing, study of clothing materials, millinery, problems in textile buying, dress design, home nursing and sanitation, child study, the family and its relationship, child welfare, vocational home economics, methods of home economics education and consumer education movements;

Drawing and composition, design, costume design, interior decoration, applied design, color theories, ceramics, model and model making, and origin and properties of clays.

Complete refurnishing of the organic chemistry laboratories, with the addition of equipment for microscopic study, and the supplementing of the biology laboratories with specialized measuring and filing instruments, are prominent features of the school's refurnishing.

-JCM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: NEW EQUIPMENT FOR LABS OF ARMOUR COLLEGE OF ENGINEERING OF ILLINOIS TECH; ADDITIONS TO FACULTY, CURRICULUM CHANGES.

FOR IMMEDIATE RELEASE.

Operations that will leave the physical plant of Armour College of Engineering of Illinois Institute of Technology with a shiny, morning face and curriculum changes that will answer student demand for more intensive study, featured a report yesterday of H. T. Heald, president.

When incoming freshmen, some of them sons and grandsons of graduates, walk down campus paths in September, they will see a campus without too strict a resemblance to that of their sires. Innovations likewise will extend to courses of study.

President Heald's report details a campus beautified by planting of more than one hundred American elms. More than three hundred per cent increase over last year of shaded, greensward area, extending north, east and south of 33rd and Federal Street is noted. Complete refurbishing of classrooms and laboratories is itemized.

Most important physical additions, however, are laboratory accretions which will modernize much existing equipment. The mechanical engineering laboratory of venerable Machinery Hall and the foundry shops have been particularily benefitted.

One curriculum change is in the architecture department, where a four year course, granting a bachelor of science in architecture degree, will be replaced by a five-year course granting a bachelor of architecture degree. At present, two other five-year courses exist at Illinois Tech. One, a cooperative course in mechanical

engineering, is taught at Armour campus. The other, a cooperative course in business administration, is taught at Lewis campus.

Constant demand by students for a five-year course in architecture led to adoption of the longer study plan. Difficulty in absorbing theory while paying sufficient attention to actual designing and structure was the basis of complaints. Little time for specialization was permitted by other requirements of the architecture course, in the view of students.

Specialization during the fifth year will be in architecture and design or city and regional planning, the latter subjects arousing great interest because of architectural tendencies in those directions and because of municipal rebuilding as a probable consequence of present destruction in Europe and Asia. The new architecture program will allow students to adopt one or more elective subjects each semester during the last three years.

Two other important curriculum developments are announced. For the first time a bachelor of science degree in industrial engineering will be given. Also, civil and mechanical engineering students, interested in aeronautics, will be able to receive bachelor of science degrees in their fields with an aeronautics option introduced to meet demand caused by defense program activities.

Henry Post Dutton, 2242 Pioneer Road, Evanston, Illinois, professor of business management and dean of the evening division, has been named head of the department of industrial engineering and administration. Receiving his B.S. in electrical engineering at University of Michigan in 1914, he taught at Northwestern University from that date until 1933. In 1933 Dutton became a lecturer at Armour Institute and was soon named professor, business and management comprising his field.

Special training in problems of production and the ever-increasing variations of scientific business administration, particularily as they effect engineering, will be accented in the new department's courses. Business law, organization and control, statistics, cost analysis, marketing and labor problems will be related to the degree in this program.

The courses granting a bachelor of science with aeronautics option will answer clamor by undergraduates to allow civil and mechanical engineering students, once basic training in the first two years is completed, to acquire background in classes where aircraft design, aeronautical engines, aeronautical laboratory, meteorology, airplane stress analysis and related subjects can be studied.

Rounding out changes in engineering curricula, a degree in electrical engineering will be provided with an option in communications, again indicating that another plane of study has been made imperative by national defense efforts. Certain courses, required in the past for the electrical engineering degree, can be replaced by those concerning radio, television and related.phenomena.

English requirements for freshmen and sophomores have been changed. Freshmen will be required to take English for three hours per week, instead of the previous two for a single year. Sophomores will be required to take three hours a week for one semester, these to be devoted to an elective subject chosen from the history and background of literature, science or a foreign language.

Additions to equipment in Machinery Hall include a turbo-generator, pipes to tes pressure drop in pipelines, and instruments for measuring loss of heat from pipes covered with various types and thicknesses of insulating material.

Three one-hundred-foot pipes have been installed along the ceiling of pressure rooms for measurement of pressure drops in transmission of liquids or gasses. Four sections of pipe have been installed to measure heat transfer through insulation.

Change of objective of a course in foundry has been followed by addition of equipment to fit the new patterns. Engineering aspects of foundry work, rather than traditional manual arts connected with it, call for a concentration of physical tests with a minimum of moulding practice. Testing of foundry raw and unfinished material, together with the control of molding sands, chemical composition of cast metals, and most economical and efficient methods of handling materials, are covered.

Recent equipment added includes a tensile strength testing machine, a transverse strength testing machine for metals and sand cores, a gas melting furnace for ferrous metals, a gas-fired oven for cores, a tool crib for storing of patterns and tools, and a new moulding bench.

The civil engineering department recently installed a 60,000 pound Reihle testing machine in a laboratory, where shortly a 120,000 hydraulic testing machine will also be housed. They total about $14,000. In the cement laboratory of the department autoclave for testing soundness of cement has been added. For use in the aeronautics option course, a stripped-down Waco plane, recently added, will be used.

A new, completely-equipped organic chemistry laboratory, situated in Chapin Hall, has been furnished for the chemistry department. The physics department, one of whose teachers is working with a colleague of the chemistry department, has furnished an infra-red spectrometer at about $5,000 cost. An electrostatic pressure tank generator, which effects bombardments of atoms, is in progress with an estimated final cost of $7,000. Various equipment for study of electronics has been added.

Approximately $2,000 worth of equipment for study of catalytic reactions has been put in use in the electrical engineering department.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: O B I T ---
MOTHER OF G. S. ALLISON, TECH
TREASURER PASSES AWAY.

FOR IMMEDIATE RELEASE

Mrs. Barbara Allison, mother of G. S. Allison, treasurer of Illinois Institute of Technology, passed away early Thursday morning, 7/10/41, at the home of her daughter Mrs. J. F. Ramier, 1564 Tutwieler Avenue, Memphis, Tenn., after several months of illness.

Mrs. Allison came to Chicago with her parents in 1870, before the Chicago Fire, from the Shetland Islands where she was born on April 21, 1862. She was 79 years of age when she passed away.

Mrs. Allison spent most of her life in Chicago and in later years she made her home in Memphis with Mrs. Ramier.

She is survived also by another son, K. W. Allison of Riverdale, Maryland, and another daughter, Mrs. W. B. McCreary of South Orange, N. J. She is survived by eight (8) grandchildren and one (1) great-grandchild.

Interment will be at 2:00 P.M. Saturday, at Mt. Hope Cemetery, 7/12/41, from the Chapel at 2700 E. 75th Street.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CHILD MUSIC APPRECIATION PSYCHOLOGICAL APPROACH AS EXPLAINED BY DR. D. P. BODER, ILLINOIS INSTITUTE OF TECHNOLOGY.

RELEASE: SPECIAL TO PENCE JAMES
CHICAGO DAILY NEWS

While at a concert at Ravinia . . . one in a series of Sunday afternoon concerts presented each summer by the Chicago north-suburban organization . . . Dr. David P. Boder, eminent psychologist at Illinois Institute of Technology, overheard an argument between a music loving father and his young son. The argument, carried on during intermission, centered about America's favorite non-scheduled palate tickler - the ice cream cone - and the appreciation of a suite from Bizet's Carmen.

It seems that the father and his young son were in disagreement on the subject of the compatability of good music and the enjoyment of an ice cream cone. Thwarting persistent requests for the "cone", the father again and again hushed his young offspring and refused to buy the delicious palate tickler. After several minutes of observing and listening to the argument for and against the dignity of eating an ice cream cone at a concert, Dr. Boder suggested politely but firmly to the young man's father that he "let the kid have the ice cream cone . . . let him enjoy himself," he said, "and he may condition himself to the appreciation of good music."

In the eyes of the father, according to Dr. Boder, it was apparent that an ice cream cone did not correspond to the dignity of a concert. The father evidently felt that ice cream cones and county fairs mixed well - that ice cream cones and concerts were definitely a thing apart, even if consumed during intermission.

FROM: HUMANISTIC SOCIOLOGY
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4500

TO: CHAD PULTO ALTHOUGH PSYCHOLOGICAL
ASSOCIATE A. PROFESSOR, U.C.L.A.
ROTH, LOUIS I. INSTITUTE OF TECHNOLOGY.

ADDRESS: CHICAGO T. CHICAGO PARK
ILLINOIS DIVISION

While at a concert it raining . . . one is a series of [illegible] citizen [illegible]
sented each summer by the Chicago [illegible] - which's [illegible] . . . Dr. [illegible]
or, ancient psychologist at Illinois Institute of Technology, [illegible]
ween a music loving father and his young son. The program, [illegible]
also, centered about America's favorite [illegible] - [illegible]
o - and the appreciation of a [illegible] [illegible].

It seems that the father and his young [illegible] [illegible]
the compatibility of good music and the enjoyment of [illegible]. [illegible]
[illegible] for the "some", [illegible]
ing and refused to [illegible] violin. [illegible]
serving and [illegible] [illegible]
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[illegible] that he "left his [illegible] the ice cream [illegible] . . . left [illegible]
d, "and he may condition himself to the [illegible] [illegible]."

In the open of the future, according to Dr. [illegible]
[illegible] cone did not correspond [illegible] the [illegible]
[illegible] ice cream cone and [illegible] - that [illegible]
[illegible] definitely a thing apart, even if [illegible] [illegible].

Dr. Boder, who has done much in the field of psychology, himself likes a good county fair and ice cream is his favorite after dinner treat. His experience prompted urging the father to provide his son with the desired ice cream cone: "For," he said, "providing the child with the ice cream cone would make him enjoy himself - and thus enjoying himself, he may condition himself to the appreciation of good music."

The psychological reason behind this statement is, according to Dr. Boder, "the phenomenon of the conditioned reflex which teaches us that the combination of a new or unknown stimulus with an old one of definite pleasurable character, such as in the case of eating a good, luscious ice cream cone, may lead to the transfer of the pleasurable feeling of the old stimulus to the new, unknown stimulus."

Psychologically speaking, Dr. Boder explained, the basis for such reasoning comes from an untold number of laboratory experiments, one of which is a classic. The classic referred to by Dr. Boder is the one having to do with rabbits, rats, or snakes and young infants. It is as follows: "If," says Dr. Boder, "a young infant is stroked, petted or fed while presented with a rabbit, rat, or even a snake, he will in time display a behavior of pleasure at the sight of these animals. On the other hand, if a loud noise . . . a noise which customarily makes the infant cry . . . is made in the presence of these animals, it is also a known fact that after a few trials the infant will cry at the mere sight of the animals.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CAMP ARMOUR, NORTHWOODS CLASSROOM OF ILLINOIS TECH AT MINOCQUA, WISCONSIN, CLOSES 27th SEASON.

FOR IMMEDIATE RELEASE

Modern applications of science have made the world smaller, armies of modern dictators have made continents lose their vastness, but the earth will be measured by civil engineers as long as it can be surveyed.

The force of this truth hangs like a halo over Camp Armour, Wisconsin northwoods summer classroom of the civil engineering department of Illinois Institute of Technology. There last week, in the primeval stillness of pine and birch forests that rim Upper Trout Lake, north of Minocqua, the twenty-seventh season of the camp came to an end.

Seventeen civil engineering students of the Institute bade farewell to an intensive six-weeks course of what the school catalogue calls, prosaically, "Field Practice in Surveying, Civil Engineering 203." For them, as it had for more than six hundred student predecessors at Camp Armour, the most romantic and colorful experience of school days had come to an end.

Little of the prosaic was attached to long days spent deep in the timber country's lovely patchwork of lakes and rivers. Perhaps never again, as it had never before, the pursuit of credit hours would be so intimately linked with the physical symbols of the good, the true and the beautiful.

Presiding genius of the camp, which has always been regarded by undergraduates of Armour College of Engineering as something like the Institute's spiritual capitol,

is tall, solid, serene John Cornelius Penn, 10120 Lafayette Avenue, professor of civil engineering, a graduate of Armour's class of 1905.

A teacher at the Institute since graduation, Professor Penn is a 60-year-old native Hollander, who came to America as a child, grew up in the Middle West, and remembers when the civil engineering department of what is now the largest engineering school in the United States had two members other than himself, both of whom had been his teachers.

Civil engineering, and particularly the surveying facet of it, make up the heart of John Cornelius Penn.

Engineers are a proud race, none more so than civil engineers. They survey the earth, measuring its contours, deviations and scope, and of all their profession they are most prone to feel they own it. After military engineering, which dates to ancient times, civil engineering is the oldest branch of the general field.

Professor Penn, a patriarch with a schoolman's patience and precision and none of his fustiness, to a remarkable extent is Camp Armour. It was founded by the late, legendary Professor Alfred E. Phillips, whose local career began with the school's in 1894.

Melville Baker Wells, now emeritus professor of civil engineering, succeeded Professor Phillips as department chairman, and was in turn succeeded by Professor Penn, who had sat under both as a student.

Dr. L. E. Grinter, 1321 E. 56th Street, now vice president of the Institute, and Professor Phil C. Huntly, 281 Northwood Road, Riverside, Illinois, present chairman, and mayor of Riverside, followed Professor Penn as heads of the department.

Though nominal charge of Camp Armour resides in the head of the civil engineering department, Phillips, Wells and Penn have been the trinity supplying its vertebrae. Since 1934 the last has been in continuous stewardship of the camp, and for most of the years Phillips and Wells were in charge, he was their first assistant.

The present site of Camp Armour, a triangle of land leased from the state conservation commission, whose broadest hypotenuse, about half-a-block long, faces west from a seventy-foot bluff on the upper portion of Trout Lake, occupies terrain belonging in the 'nineties to a lumber company. Its one-track railroad ran diagonally through where is now situated the dining room of Alfred E. Phillips Hall, largest of the camp's eight buildings.

Under the direction of Phillips, and from Penn's design, erection of the main hall in 1914, named for Phillips since his death in 1931, was begun. It was completed the following year, but modern history of Camp Armour is reckoned from 1914, when tents were pitched to house students and faculty. When the six-week term of instruction was over that summer, every hand in camp worked on construction of the main hall.

Pre-modern history of Camp Armour begins with the first civil engineering department camp, pitched at Ludington, Michigan, in 1908. Two short periods were spent in other sections of Michigan.

One was at Faithorn, another at Kremlin from 1909 to 1912. Death of a student by drowning beneath a dam at the latter campsite ended the Michigan period. No fatality has ever marred the Wisconsin years.

Lower Tomahawk Lake, near Minocqua, attracted Professor Phillips in 1913, his work-and-play caravan following him there to make a fresh start for Camp Armour. An inspection of the entire neighborhood, stretching to the bordering peninsula of Michigan on the north, discovered Upper Trout Lake as the promised land. There in 1914 a stout oak was cut to a flagpole, painted white, and flags of the United States and Armour were run up.

All permanent buildings now standing were completed in 1914, excepting the main hall, which was of tile block construction, unfinished, then believed to be the latest in fireproof construction. Other buildings built of wood included a large boat house, which housed a good-sized launch and several rowboats and canoes.

Because before the World War lack of paved roads made much of the lake country of northern Wisconsin almost inpenetrable for average use, Camp Armour depended on its launch to carry food and supplies from a railroad depot many miles south on the lake. Overland passage was possible but discouraging.

The original boathouse, once the launch passed out of need and service,was cut to half its size. No other important change has been made in the physical properties of the place. Phillips Hall, a two-story structure with eaves open at the top for hot-weather ventilation, connected from the beginning to a large annex used for a kitchen.

The Hall's dining room, able to seat forty persons comfortably, is almost one-half of the large downstairs floor, also given over to an office, bedrooms, the student social room with fireplace, various nooks and crannies.

The upper floor, opening off broad stairs at the rear of the Hall, is in effect a large dormitory, though its eight wood partitions reaching half way up to the V-roof, form separate rooms, securing privacy to occupants. Students ordinarily occupy four cabins grouped about the Hall, each accommodating five or six persons. Professor Penn and his teaching assistant, student stewards and resident cooks, togeth with non-student guests, are housed in Phillips Hall.

An ice house has a roof in common with a carpentry shop and lies close to a "kill house, where student butchers prepare whole sides of beef or lamb or sides of bacon and pork for attention of the kitchen. Freshly-caught pike, bass or muskellunge share space in the ice house. Like an exclamation point to emphasize rusticity, the inevitable well lies across the diameter of the circle formed by the buildings.

Student esprit, often thought to be an elusive quality in engineering colleges where class programs minimize student recreation and social life, flowers at Camp Armou like the wild vines matted across and around the exterior of Phillips Hall. Names of those who have belonged to the good fellowship of the camp since its first days stare down from the Hall's wood plaques, ornamented fireplace lintels, the tops of hard-oak tables and, in fact, from every spot where wood can be carved to protest against Time.

The present summer's generation of Camp Armour residents observes a regimen identical to that of the earliest. Forty-five hours of school work a week, with several hours of note preparation a few nights of each week, is the rule for students. At present the field course in surveying is offered to those who have completed their sophomore year of engineering studies. Years ago it was tied to the end of the freshman year.

The average age of an undergraduate who spends his summer at Camp Armour is eighteen. However, it often happens that juniors, and, on occasion, seniors, are to be found among those present. Since this course is compulsory, no would-be civil engineer ever tries to dodge it. Circumstances sometimes make it necessary that a student take it later than his sophomore year and allowance is made in given cases.

There is no prevailing sanity test for admission to the civil engineering department. But if a student should express dislike of the Camp Armour summer course in a public place he would probably be adjudged insane by his fellows.

Professor Penn's course, which he has in past years taught with the aid of one or two department colleagues, this year had for an assistant teacher Richard J. Hruda, 2115 S. Ridgeland Avenue, Berwyn, Illinois, a June honor graduate of Armour College of Engineering of the Institute. As a junior, Hruda spent his undergraduate compulsory hours at Camp Armour; as a senior, he returned to be one of two camp stewards whose duty it is to conduct much of the administration of the camp; and this summer, as a graduate, he returned with his recent bride to demonstrate what he could teach in the tradition of Professor Penn.

Four semester hours of credit are given for the following program at Camp Armour:

Running and measuring lines with the transit; practice in leveling; running a traverse with the transit; testing and adjusting the level and transit; practice in cross-sectioning; taking topography with hand-level and note-book; topographic surveying with transit and stadia, and with plane table; locating bridge piers, and batter boards;

Determination of meridian and latitude by solar observation, and laying out a meridian from observation upon Polaris; problems in highway and railway location, including running of preliminary lines, taking topography, running in lines from paper location, and laying out simple curves and spirals.

The formal outlines of phases of a course in surveying give little hint of the large adventure and zest of conquest to be experienced in the field. The entire Northern Highland State Forest tract, of which the immediate ten square miles surrounding Upper and Lower Trout Lake are Camp Armour's classroom, is sometimes called, laughingly,"Pennsylvania," as a reflection of the tremendous influence Professor Penn has had on the entire neighborhood.

This part of Wisconsin is overlapped by the Paul Bunyan legends that have come down from Minnesota, where the Big Lumberjack and Bess, his cow, trod the mythical earth. It is still lumbering country in much of its spirit; some of the forests have been cut-over; there have been forest fires from time to time that have scarred the lake country. But nothing has touched its essential spirit.

So it is that Camp Armour men, though they have traditionally done much of the surveying of the entire countryside, have never been felt to circumscribe it. It has remained untamed, almost wild. In the early days of Camp Armour the University of Wisconsin's forestry school, now defunct, sent many of its students to study under Phillips, Wells and Penn.

Several forest rangers, on active duty in the vaginity of Upper Trout Lake, are former students of Professor Penn. A son of one of these will be enrolled at Camp Armour next season.

In Minnesota Paul Bunyan's Bess, with her mighty hooves, battered the earth so that indentations on its face, filling with water, became lakes. The scientific spirit of Camp Armour has so pervaded Vilas County and the lake region of northern Wisconsin, however, even the oldest settler would be afraid to say its lakes resulted from anything but geologically-formed "kettle holes," filled with the tears of midnight oil-burning students of surveying.

Before Professor Penn's students venture from the security of Camp Armour each morning an unvarying rite is performed. Instead of throwing salt over each shoulder, Professor Penn stamps the cold earth tentatively a few times and for five minutes becomes the Knute Rockne of surveying.

In a crisp voice, with an upward inflection, he tells what he wants done during the day. True, though it is only 7 o'clock at that time, he talks to his boys as if they were fully awake. And they are. A first bell at 5:45 a.m., a second ten minutes later, and the knell that kicks the day awake with breakfast, at 6 o'clock, seem to come in rapid order. Breakfast, in which student waiters Jeeves-about like dervishes, is history by 6:30 a.m.

A common working unit is that of five men, with all units engaged on separate but related aspects of a given problem. A problem book, compiled by Professor Penn, is a standard work for the course, together with other contemporary volumes.

A what-ho spirit seems to emanate from the bands of embryo surveyors as they trudge out of camp each morning. Axes slung across hips, transits over shoulders, lines and other gear arranged with elaborate skill over leather or lumber jackets, every mouth carrying a pipe heavy enough to guarantee its owner is no dilletante -- Professor Penn's boys will sing some slightly obscene ballad as they fade away into the forest. The spectator is reminded somehow of Morgan's men unhorsed. And that there is no strength through joy where first there is not joy through strength.

By some mysterious Atlantis instinct students stream from valley, hummock, hill and field, from swamps and brakes, from lakes and rivers where they have been taking soundings, back to camp with magical precision at 11:30 a.m. Lunch is announced by a bell that rings crazily. At 12:30 or 1 P.M., they are back at work. Dinner is at 5 p.m. and generally is so elegant as to provide an asterisk for each day of the calendar.

From time to time, depending on the burden of work in the field, there is swimming before dinner. Generally, the day's boating, fishing or swimming occur

before the sun fades, in the golden, magic time after the evening meal.

Professor Penn has seen the evolution of camp social life, from the period when lack of roads, and dependence on foot travel, necessarily confined his boys to the vicinity of the camp most nights. A t present, though three or four older students might have automobiles at camp, only on Saturday nights may they leave without permission. Functions of camp life are so interdependent, the shadow of each social activity being intimately associated with the borrowing of a shirt,tie, or even a suit, that rarely does an individual student find a girl that does not prove to be the camp's girl, in the sense that everyone knows her and has stepped on her toes while dancing.

Camp discipline is practically student-controlled, moving with a quiet efficiency that is democratic, a process in which the cool waters of Upper Trout Lake play the chastening role of judgment seat. Chiefly, there are no fights, no petty bickerings even, because there is no time, and because such a life as Camp Armour offers militates against moral weaklings or weak sisters.

Saturday night is Saturday night, of course. It is probably the only night when it is hard to get together a five or six-piece orchestra about the upright piano to the right of the fire place. Into Minocqua for the movies, into Woodruff or Boulder Junction, but particularily into Shrimps's Place, a super-juker joint, with four-piece orchestra and friendly college girls who work by day as waitresses at nearby resorts, the population of Camp Armour streams.

Coca-colas or malted milks are about what most of the boys can afford for one couple. The girls know enough not to ask for more. Camp Armour fledglings, aside from the aura of learning and dignity their tradition has given to the neighborhood, have learned always to mention the cabbalistic syllables "johnschommer" if they get in a tight spot.

For big John Schommer, professor of chemistry, athletic director, director of placement and front-line personality of Illinois Institute of Technology back in

Chicago, is virtually burgomeister of the whole northern lake country. He has caught the biggest fish, told the widest yarns, knows more of the indestructible natives than any man around. The past summer his picture occupied the frontespiece of the descriptive folder issued by the busiest of the resort towns.

Parents of students find a more than 400-mile-drive, or train ride, to Upper Trout Lake no considerable barrier to visiting their sons. Week-ends and the Fourth of July are marked by pilgrimages to camp. Nothing, however, is allowed to disturb the strict scholastic atmosphere of camp precincts. Sunday morning finds most of the students awake for 7 o'clock breakfast, half of them hurrying off to church in nearby Sayner.

Student stewards employed at Camp Armour for the summer were Raymond S. Leibrandt, 7939 Prairie Avenue, a senior in September; and Robert Sundstrom, 5024 N. Kedvale Avenue, likewise a senior.

The following students were enrolled at Camp Armour during the past summer:

Arthur Minwegen, 5940 N. Fairfield Avenue; Vance F. Zdarsky, 5138 S. Artesian Avenue; John S. Jackimiec, 1651 S. Troy Street; Thaddeus R. Maslanka, 3435 N. Springfield Avenue; Herman Tachau, 6823 S. Chappel Avenue; John C. Kasman, 5418 Wilson Ave.; Mario Silla, 2153 W. Ohio Street; Irwin Lachman, 3910 Congress Street; Albert Schmitt, 2443 First Avenue, River Grove, Illinois; Robert V. Gerth, 5560 W. Adams Street; Melvin E. Johnson, 7544 S. Sangamon Street; Anton J. Groh, 1834 Howe Street; Herbert T. Schumann, Jr., 12037 Wallace Street; Raymond W. Sauer, 7738 S. Paulina Street; Frank E. Nelson, 7346 Phillips Avenue; Isadore E. Kriesberg, 2717 W. 63rd Street; and Charles A. Fenster, 1824 Lincoln Parkway.

-JGM-

741-33

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: INDUSTRIAL ENGINEERING CURRICULUM
ANNOUNCED BY ILLINOIS TECH PRESIDENT
H. T. HEALD; H. P. DUTTON, DEPT. HEAD.

FOR IMMEDIATE RELEASE

Establishment of a course in industrial engineering and administration at Illinois Institute of Technology was announced today by H. T. Heald, 5844 Stony Island Avenue, president, with Henry Post Dutton, 2252 Pioneer Road, Evanston, named chairman of the department.

The course will be taught in Armour College of Engineering of the Institute and is designed to widen the horizon of engineering students so that they may intelligently direct business from responsible positions, Heald said.

Dutton, since 1933 a lecturer in business and management at the Institute, the following year became chairman of the department of social science and professor of business management. He is as well, since 1933, dean of the Institute's evening division including both Armour and Lewis campuses.

"Engineering schools over the country are adding courses made necessary by the increasing dependence of engineers on knowledge of good business methods and of business men on knowledge of engineering processes," Dutton said.

"The average industrial engineer has to know a great deal about tool design and shop operation. At the Institute, under the new course requirements, he will get about the same training in machine design the average mechanical engineer gets.

"He will then get courses in time study, industrial management, accounting and costs, marketing, financial administration, labor management, business law and economics, that will give him a fairly thorough grasp of business operations."

The first two years of study for the bachelor of science in industrial engineering and management degree will be virtually the same as those for the civil, mechanical, chemical, fire engineering, electrical and science degrees in engineering, Dutton explained.

Sophomores, however, will be given classes in accounting and business administration and industrial management. Requirements for admission to the department will not differ from those of other engineering courses. The new department will be entirely separate from the five-year cooperative course in business and industrial management, taught at Lewis division.

"In the new course we want men who have analytical training and ability of engineers and who have been taught to apply them to business problems," Dutton declared.

"There is a continuing demand for supervisory,staff and department-managerial personnel, with industry getting better trained men as a result," he said.

"The fact that labor and price relations are so critical as problems in the contemporary business world is a good reason for the economic training students in the new department will receive.

"Any man handling labor in his shop, factory or business should understand the fundamentals of economic theory."

Under a new relation between the department established with Dutton as chairman, the department of social science of which he is at present head, and the department of history, political science and sociology, headed by John Day Larkin, associate professor of political science, political science and economic management courses will be taught under Larkin.

Dutton, who received his B.S. in electrical engineering from University of Michigan in 1914, taught at Northwestern University from that date until 1933. He was

born in Holland, Michigan and attended Hope College (Holland) before transferring to Ann Arbor.

Among many professional connections, Dutton has been affiliated with Arthur Anderson and Company, The Pullman Company, Arthur Young and Company, Factory Management and Maintenance and predecessor magazines (associate editor), NRA (Committee on Company Script), and Machinery and Allied Products Industry Code Authority (Administration Member).

He is a member of the American Management Association, the Institute of Management, American Society of Mechanical Engineers, Western Society of Engineers, Illinois Manufacturers Association, Society for the Promotion of Engineering Education, Society for the Advancement of Management, and the Industrial Management Society, of which he is secretary and director.

Dutton is author of Factory Management (Macmillan, 1925), Business Organization and Management (McGraw-Hill, 1925), Principles of Organization As Applied to Business (McGraw-Hill, 1931), and of numerous articles in periodicals.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: DONALD MONSON, ILLINOIS TECH GRAD,
FEB., '41, AWARDED EDWARD LANGLEY
SCHOLARSHIP OF AMERICAN INST. ARCHS.

RELEASE FOR: MONDAY, AUGUST 4, 1941

Donald Monson, 4926 Kimbark Avenue, a graduate of the architectural department of Illinois Institute of Technology in February, 1941, has been awarded a 1941 Edward Langley scholarship of the American Institute of Architects.

This announcement was made today, Monday, 8/4/41, by Jerrold Loebl, 333 N. Michigan Avenue, president of the Chicago chapter of the organization, who said the award totalled $600. It was one of six given in the nation and is the first bestowed on an Illinois Institute of Technology graduate applying as a senior.

Monson, a draftsman for the firm of James B. Black, 520 N. Michigan Avenue, structural engineer, held a Bartlett Memorial scholarship as a junior at the Institute. He graduated from Waupaca High School, Waupaca, Wisconsin, in 1931, and attended Northwestern University before enrolling at the Institute as a junior.

A native of Kenosha, Monson is twenty-eight years old and married. Continuing specialization in the field of city planning, for which he received his bachelor of science in architecture degree, Monson has pursued graduate work under Mies van der Rohe and Ludwig Hilberseimer of the Institute.

The latter, international authority on city planning, directed work on a regional plan of Chicago shown at the school's Open House last Spring. Monson was among student assistants directing the exhibit.

A written resume of a study Monson indicated he hoped to accomplish as part of graduate work his scholarship will facilitate follows, in part, as announced by Loebl, under the title "The Settling of Illinois":

"The proposed study is intended to evaluate the effect of the topography and soil conditions, the changing means of transport, and new sources of productive power upon the settlement of Illinois.

" It is put forward as the first step in the formulation of a regional plan inasmuch as such a plan must take into consideration the forces behind the present urban pattern.

"With each new development in transportation -- from the canoe to the sailing vessel and the steamboat, from the wagon to the railroads and the automobile -- there were important changes in this pattern.

"The location of cities was effected. Some died as a result of the change; the physical layout and organization of all of them were altered.

"These changes were conditioned by the land itself, by the soil and the waterways. With the development of new sources of power further changes occured. For example, the need for coal called into being a new industry, while the subsequent development of the electric motor and the substitution of other fuels have, in turn, affected the coal industry. These changes are reflected in the cities of the coal-producing areas as well as in the cities where it is consumed.

"The candidate submits that a study of these various forces and changes in urban organization ought to bring out more clearly the problems with which city and regional planning must deal. With definite principles in mind, it will be possible to evolve a future plan for this region which will provide an enduring basis for future building."

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: 35 YEARS AS THE "VOICE" OF LEWIS DIVISION OF ILLINOIS INSTITUTE OF TECHNOLOGY TO BE MARKED BY MISS ELIZABETH CADIGAN.

FOR IMMEDIATE RELEASE

How would you like to sit in one place every day of the year and be able to tell friends of your memories of Dorothy Thompson, Benny Goodman, Luther Adler, Samson Raphaelson, Mainbocher, and a host of others claimed by fame?

Of course, if you were Miss Elizabeth Cadigan, 4226 West End Avenue, who on October 15 will have been sitting virtually in the same place for 35 years, you would have to interrupt yourself from time to time to tend to business. Particularly if it was a sort of business that had made you famous in a special sort of way.

"Illinois Tech, Lewis," delivered into a black mouthpiece, is Miss Cadigan's salute to the outside world. Until a year ago, when Lewis Institute became a part of Illinois Institute of Technology, she had had the consummate pleasure, since 1906, of saying "Lewis Ins-ti-tute," very deliberately a few hundred times each day.

And so that the last syllable never sounded like "toot."

Like a priestess at an altar, Miss Cadigan has been an oracle at her switchboard on the second floor of the grey island of learning on Chicago's grimy West Side. She has been the nerve center, from the day she arrived in the school's tenth year, of the hulking building at 1951 W. Madison Street.

To much of Chicago calling for information about the school, to professors, calling from their homes about this or that, to undergraduates who hailed her as

"Cadi," slender, cameo-faced Miss Cadigan has been the "Voice" of Lewis.

A person who gets close to 200 remembrances each Christmas, including gifts, cards, and letters from far parts of the world, is likely to be counted as much of an institution as the institution of which she is part. Such a separation of identity is a luxury Miss Cadigan never has allowed herself.

What, more than mortar, holds the granite blocks of Lewis in their places, is somehow expressed by the personality of Miss Cadigan's voice. She is part of a tradition that has seen a score of celebrated professors, half a hundred famous students and 45 graduating classes come and go.

Fresh from a year at the Palmer House, where she has been one of three switchboard girls to handle overseas, long distance and local calls of swells whose patent-leather shoes clicked nicely on the silver-dollar inlaid lobby floor of the Old Palmer House, Miss Cadigan came to an academic switchboard that was the first of its kind in a young institution.

No one has ever supplanted her. Several dozen student assistants through the years have found her a patient instructress, whose rules came out of no book, and whose gentility could overcome any snarl that a novice had created.

"Lady Cadogan" she had been dubbed by the late Dr. Edwin Herbert Lewis, dean of the faculty and head of the English department for many years at Lewis. The savant, aware that "Cadigan" was a corruption of the name of the Welsh earls that figure in literary and historic annals, made courtly use of the fact.

The Mr. Chips and Miss Bishops who ornament most schools have their counterpart in the unsung office employes of their respective institutions. Miss Cadigan, holding the history of her school so that it can be opened like a tome of spoken words, is the echo of that rank.

"I suppose I have from year to year heard 10,000 voices," Miss Cadigan said.

"If I sit quietly now I can remember the sound of the voice of the late Dr. George Noble Carman, for 40 years director of Lewis. Dr. Edwin Herbert Lewis, and any

number of retired or deceased teachers, come back to me clearly. A voice is never emeritus."

The innumerable inflections of the human voice are her great auxiliaries in identifying the personalities that accompany the voices, Miss Cadigan declared.

"I don't have to hear a voice very often, if the tone and pitch are characteristic those times, to be able to identify it. People over the years have become more and more hurried, take less time to speak easily and correctly, but one is somehow able to categorize them anyway.

"I would say that, though the world is so busy commercially, and the pace of life is unnecessarily stepped up, the function of a good operator is to make it appear that she has time to speak casually. This is very often hard to do since, when anything important or exciting happens in an institution, every one reaches for his phone at the same moment."

With a smile, Miss Cadigan recalled an instance of how she was made to appear a heroine because she refused to get excited in a time of crisis.

"In the early days of Lewis during a school term, I received a frantic call from outside telling me that a large building opposite the school on Madison Street was on fire," she said.

"The swarm of men students who ran across to form a bucket brigade that helped put out the fire had been mobilized, according to the newspapers, by me. It is true I had made a few calls in the school but nothing in the form of a Paul Revere performance. But no one would believe I hadn't summoned the boys individually."

The contemporary generation of Lewis students in student publications marvels at Miss Cadigan's facility in locating teachers and students in the vast reaches of the labyrinthine building when they are wanted to answer incoming telephone calls. To her, the ability is an acquired one and not mysterious.

"I make a habit of knowing each professor's class schedule and as many of those of the students as is practicable," she declared.

"I usually know what teachers and students associate in groups and which are likely to be alone. Of course, through the students, I know of almost every activity on the separate floors of the building.

"Then, too, because to a remarkable extent I have been the confidante of the love sick hearts of thirty-five classes of students, I can pretty well anticipate who is waiting for a phone call and who is not."

An amazing fact, that never fails to give importance to each new student face as she acquaints herself with it, is that, of the famous alumni and alumnae of Lewis whom she knew as undergraduates, none suggested particularly its owner was bound for celebrity after graduation.

"I sat in a box at a Loop theater recently watching Luther Adler and his wife, Sylvia Sydney, play in Accent on Youth," she remarked. "Luther, who was one of the most delightful undergraduates I have ever encountered, had presented me with the seats.

"As I sat pondering on the enigma of fame, I remembered the play had been written by a second ex-Lewis student, Samson Raphaelson, who, like Luther, has been just one of the undergraduates years before.

"Benny Goodman, not long away from the orchestral endeavors he involved himself in as a Lewis student, had a few months earlier been playing not far from that theater. Each of the boys had been talented, of course, but who was to say ahead of time which would make his name?"

Miss Cadigan remembers an undergraduate whose name was Main Bocher. In Paris years after graduation, in the post-war days of salons filled with beautiful women wearing artistic gowns of great cost, the name Mainbocher was that of a leading stylist.

Dorothy Thompson, a moon-faced, sensitive undergraduate, who told everyone she would someday be a great writer, is presented in an amusing portrait by Miss Cadigan.

"Dorothy, like her friends, Anna Drummond, later to become a well-known English teacher, and Isabel Drummond, now a lawyer, was part of a literary clique in a class of

Dr. Lewis. Dorothy was something of a basketball player and one of our old Lewis annuals shows her in uniform.

"Dr. Lewis' daughter, Janet, was herself to become widely known as a poet, novelist and writer of stories for children. She is married to Yvor Winters, West Coast professor, translator and poet."

Innumerable lawyers, doctors and engineers, some of them sons and daughters of wealthy families that had occupied aristocratic brownstone mansions of Ashland Boulevard in their heyday, trip through reminiscences of Miss Cadigan.

Each commencement week finds her remembered by graduates who had fallen out of touch with the Institute after graduation and who approach her by way of re-establishing contact with the Institute, she said.

Richard Henry Whitehead, president of the New Haven Clock Company, New Haven, Connecticut, recipient of an honorary degree at the June Illinois Institute of Technology graduation, waved to Miss Cadigan from the stage of Civic Opera House graduation night. She was sitting in his box, wearing an orchid he had sent her.

Another freshman class will storm into Lewis division of Illinois Tech in September. Almost before they have left the registrar's office, before they have found their ways into classrooms, they will have passed the office of Miss Cadigan.

Whether it is to make a phone call, pick up mail or leave a message for a friend, they will have given their names to the little lady at the switchboard. Then, in a manner of speaking, their careers at Lewis will have begun.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: FATHERS AND SONS PUNCHING SAME TIME-CLOCKS THROUGH ILLINOIS TECH BUSINESS AND INDUSTRIAL MANAGEMENT COOPERATIVE

FOR IMMEDIATE RELEASE

Chipping off the old block has taken a novel form recently at Illinois Institute of Technology where, through agency of the business and industrial management cooperative course, two pairs of fathers and sons are setting forth on partnerships covering office and classroom.

Two Lewis division students, in the first year of the cooperative course, Carl Buehler, Barrington, and Syles R. Fralick, Jr., 830 Sunset Ridge, Northbrook, are studying for bachelor of science degrees in business and industrial management.

Victor Adding Machine Company, 3900 N. Rockwell Avenue, and the Kwikon Company, 1850 W. Washington Blvd., are among 20 firms cooperating with Miss Kathryn Judkins, coordinator of the course, employing its students at prevailing wages so that tuition and other school expenses are met.

A. C. Buehler, father of Carl, is president of the former, while Syles R. Fralick, Sr., is president of the latter. Both have had the pleasure of watching their sons punch timeclocks in their own plants as part of the work-and-study plan set up by the cooperative course.

The course is arranged so that each of its five years is divided into six eight-week periods. One month of vacation yearly is allotted a student. Each enrollee in the course, on entering, is given a partner. This partner works in industry, at the same job at which the second partner has been employed, while the latter is in school.

Partners exchange workshop or office for classrooms every eight weeks. The partner leaving school for his job in industry picks up where his mate, who at the same time returns to school, left off. Thus each employer is assured of steady, intelligent response from whichever half of a work-and-study unit is in his employ at a given time

Students draw pay only for the time they spend in industry. However, a sufficient amount is earned by each that, usually, more than mere school expenses are realized from the twenty-four weeks spent at work during a year.

In the cases of Carl Buehler, who is now in a day-shift work period in the Victor Adding Machine plant, and Syles Fralick, Jr., who last week left the Kwikon Company plant after eight weeks to start a classroom period at Lewis division of the Institute, neither is actually dependent on working for tuition in order to go to school. Their fathers are considered well-to-do.

Both Carl and Syles, Jr., however, have partners that, like most of the cooperative students, depend on an income to keep them in school. The average enrollee is not from a home of wealth, the requirements of the course being based on high school background, a high scholastic standing, with character and appearances acceptable to Miss Judkins, course coordinator.

Miss Judkins, who introduced the cooperative course to Lewis division last year, has interviewed heads of firms and their personnel officers throughout the metropolitan region. Given exact information by them as to the type of employee desired, she is able to serve industry by selecting the most promising material for its business and management phases.

In another direction, she has served students by selecting positions for them that will give chance of advancement to junior executive and superior administrative positions. A graduate of the cooperative course is of incalculable worth to an employer because he has already been trained by that employer to the task he takes over year-round after graduation.

Miss Judkins' pithy summary of the value of the course is in the nature of its supreme economic justification.

"I have more jobs to be filled by cooperative students than I can take care of," she said.

"Business firms have shown themselves more than willing to take our students on the cooperative basis. The great problem is to secure students who will meet our standards. Once our students are hired by a company they stay where they are placed. So rigorous is the examination of each cooperative student as a prospective employee midjudgements as to his ability and character are almost negligible."

Syles Fralick, Jr., in his Lewis division classes at present takes the elementary courses in a study plan that, over five years, embraces fundamental studies in science, economics, humanities and courses that prepare for junior executive positions.

Retailing, wholesaling, office or personnel management, advertising, purchasing, marketing, time and motion study, factory layout and equipment, production management, cost control and industrial marketing are among subjects studied in the cooperative course.

A. C. Buehler, president of the Victor Adding Machine Company, believes the business and industrial management course to be the best medium of preparation of trained personnel for industry.

"I know of no other school-and-shop enterprise in the Chicago region which tries, and accomplishes, the training of boys who can be put into men's jobs, brought up in them as they learn in the classroom, and so they emerge actually prepared according to the employer's ideal," he said.

Three sets of partners in the Lewis division cooperative course are employed at the Victor Adding Machine Company plant, Buehler added.

Equally enthusiastic concerning the cooperative plan is Syles R. Fralick, Sr., Kwikon Company head.

"The great fault of most graduates of institutions of higher learning is that they are not orientated to the demands of actual work in an office or plant," he declared.

"They have little feeling for the work in front of them for a long time after they start. However, a cooperative course student is a picked man from the beginning, can be entrusted with responsibility, and can be shown to be a leader in his work from the first."

Fifty-five students are at present enrolled in the Lewis division cooperative course. At Armour campus, where last February sixty-seven students composed the first graduating class of the mechanical engineering cooperative course, success in that course in the more than 100 plants cooperating with the Institute led to a demand that a similar course in the business and office administration side of industry be inaugurated. Such demand caused the Lewis division cooperative to be set up. Many employers have hired students from both types of cooperatives.

Twenty companies have thus far been affiliated in the Lewis division cooperative, with many more offering to be allied formally with the Institute as soon as students can be provided for them. Large department stores, banks, packing companies, steel industries and their subsidiaries are among firms cooperating.

Graduates of Austin, Hyde Park, Schurz, Northbrook, Morgan Park, St. Rita, Fenger, Calumet, Kelvyn Park, Englewood, Leo, Taft, Sullivan, St. Mel, Villa Park, Marion (Indiana), Downers Grove, Lane Tech, Steinmetz, Tilden Tech, Mt. Carmel, Roosevelt, Waller, Hirsch, Oak Park High Schools, and Longwood and Elgin academies, are enrolled.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: APPOINTMENT OF DR. B. B. FREUD, CHAIRMAN OF THE DEPARTMENT OF CHEMISTRY OF ILLINOIS TECH, TO ARMY POST.

FOR IMMEDIATE RELEASE

Dr. B. B. Freud, 5858 Magnolia Avenue, professor and chairman of the department of chemistry of Illinois Institute of Technology, has been granted an indefinite leave of absence to assume an army post, according to H. T. Heald, president of the Institut

Dr. Freud will enter immediately upon extended active duty as a colonel in the chemical warfare service. His assignment will be in the sixth regional office of civilian defense as a corps area liason representative.

During the World War, Dr. Freud served as a captain in the chemical warfare service and was in charge of field gas experimentation at the Advanced Chemical Warfare Station of the A.E.F. In 1932 he was made commanding officer of the 304th regiment of the chemical warfare reserve, with the rank of lieutenant colonel. In March, 1939 he was promoted to colonel.

Receiving his B. S. degree from the University of Chicago in 1904, Dr. Freud obtained his B.S. in chemical engineering from Armour Institute in 1915. His Ph. D. was taken from the University of Chicago in 1927.

In 1904 his teaching career at Armour Institute began with an instructorship. In 1937 he was made dean of the evening division, from which post he retired after a year.

A consulting chemist and chemical engineer since 1910, Dr. Freud became a major in the chemical warfare service reserve in 1925, advancing in 1931 to the post of lieutenant colonel.

He is a member of Phi Beta Kappa, Sigma Xi, the American Chemical Society, the American Institute of Chemical Engineers, the American Association for the Advancement of Science, the Society for the Promotion of Engineering Education, and the Chicago Chemists Club.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CHICAGO DEFENSE TRAINING PROGRAM - COLLEGE LEVEL - ALL COLLEGES AND UNIVERSITIES TO COOPERATE UNDER AUSPICES OF THE UNITED STATES OFFICE OF EDUCATION.

RELEASE: FOR FRIDAY, 8/8/41

College level, tuition-free training of defense industry personnel will be extended to include not only engineering colleges and universities in the Chicago area during the academic year 1941-42, but also science and arts schools. This announcement was made by H. T. Heald, president of Illinois Institute of Technology and regional advisor for district #15 engineering, science, and management defense training to the United States Office of Education.

According to President Heald, recent legislation by Congress, authorizing an expenditure during the coming academic year of approximately $17,000,000 for defense training, will permit the training of personnel for defense jobs in the fields of engineering, science and management. The title of the training program will be change from engineering defense training, carried on now in the Chicago area exclusively by Illinois Tech and Northwestern, to engineering, science and management defense trainin

Quoting from a memo from John W. Studebaker, U. S. Commissioner of Education, Mr. Heald explained that,

"Under the new act the training is to be provided by degree granting colleges and universities. Degree granting as used therein has been interpreted to mean that the institutions, in recognition of satisfactory completion of curriculum of four years or longer beyond high school graduation, during the academic year 1940-41 granted degrees with a major leading to a professional career in engineering, chemistr physics, or production supervision. Institutions will be eligible to conduct courses

only in those fields named above in which they have suitable facilities in staff and equipment."

Those colleges and universities of engineering who have been cooperating with the United States Office of Education during the past year in presenting the engineering defense training courses, will continue to do so during the academic year 1941-42. These courses have included tool and fixture design, engineering drawing, airplane engine testing, production inspection, metallurgy, and many others. The new program will now provide for the cooperation of the non-engineering schools to give such non-credit, tuition-free, college-level courses as management, physics and chemistry.

In Chicago, Mr. Heald explained, The University of Chicago expects to cooperate in the new program for science and management defense training. The fall courses are expected to commence on or about October first. Sufficient notice will be given by all schools in the Chicago area concerned so that enrollment will be possible.

Mr. Heald also emphasized the fact that such training will be carried on extensively throughout Illinois, northern Indiana and southern Wisconsin, known as district #15, of which he is regional advisor. Schools in that district cooperating in engineering defense training are: the University of Illinois, Bradley Polytech (Peoria), Marquette(Milwaukee), the University of Wisconsin (Madison - with extension courses throughout the State), and Northwestern Technological Institute (Chicago). Other colleges are expected to cooperate in the science and management defense training program.

-AS-

FROM. ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE. AERONAUTICAL ENGINEERING DEGREE
TO BE OFFERED BY ILLINOIS TECH;
FIRST CLASS TO GRADUATE IN 1944.

FOR IMMEDIATE RELEASE

Illinois Institute of Technology, whose Armour College of Engineering division pioneered in the teaching of aerodynamics 30 years ago, will next month inaugurate a program leading to the bachelor of science in aeronautical engineering degree.

Announcement of this innovation, which will make Illinois Tech the sole engineering school in the state and one of few in the Middle West to offer such a degree, is made today by H. T. Heald, 5844 Stony Island Avenue, president. Work in the aeronautics field will be under joint sponsorship of the civil and mechanical engineering departments.

Since the first two years of work for the degree will be that of the freshman and sophomore curricula of either civil or mechanical engineering degrees, actual setting up of courses for the new program will not take place until September, 1942. At that time, students now sophomores in the two branches of engineering can elect the aeronautics option.

First graduates with the aeronautical engineering degree will leave school in June, 1944. It is expected a full complement of student will register in the course at its inception, because of widespread demand for its introduction.

"About one-third of students registering for enrollment at the Institute during the past two years have been vitally interested in establishment of such a field of study," President Heald said.

"Industry demands three general types of men for its needs in the aeronautical field - designers, production men and technicians.

"Designers can be trained in the civil engineering field, production men in the mechanical engineering field, and technicians by such program as the engineering defense training course the government established for that purpose at the Institute."

The present problem of army and navy experts, attempting to solve needs for high-grade personnel in an all-out effort to step-up aircraft production, is that civil or mechanical engineers must be remade to the particular patterns demanded by the airplane industry.

Marked advantages will be possessed by graduates of the aeronautical engineering program over either civil or mechanical engineers in that they will have been trained to step from classroom to aircraft plant on graduation, Heald stated..

From the pioneering days of Professor Melville B. Wells, now emeritus professor of civil engineering and former head of the department, who in 1911 taught what is generally accepted as the second course to be taught in the nation in aerodynamics, to the incumbent aeronautical engineering experts of the faculty, Illinois Tech has been close to the design, production and research of all types of aircraft.

Hans Reissner, 5110 Hyde Park Blvd., research professor of engineering, who is at present designing a wind tunnel to be used next year, Lloyd H. Donnell, 5525 Kimbark Avenue, associate professor of mechanical engineering, who for several years was connected with the field of dirigible building, and other aeronautical researchists are numbered among the faculty.

In addition to Professor Wells who, though 70 years old, last year taught himself to fly though he is handicapped by having only one arm, some members of the aeronautical engineering faculty will be men who have served their hours in the air at the control of a ship.

Admission to the new course will be granted only to students of high scholastic standing, especially those who are capable mathematicians. A prospective aeronautical engineering student whose marks in calculus, for instance, are lower than "B", will not be admitted to the program. -JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: 1ST ANNUAL FALL ENGINEERING CONFERENCE
SPONSORED BY ILLINOIS TECH, THURSDAY,
FRIDAY, OCT. 30, 31, PALMER HOUSE.

FOR IMMEDIATE RELEASE

What is believed to be the first conference on a national scale called by an engineering school, at which phases of airport construction, operation and maintenance will be discussed by experts, will be sponsored by Illinois Institute of Technology at the Palmer House Thursday through Friday, October 30 and 31.

"Airports" will be the formal theme of the meeting, which will be the first Fall Engineering Conference of the Institute. It is planned to make the Conference an annual feature, balancing the annual Midwest Power Conference sponsored by the Institute each Spring.

The latter is confined to problems of the power industry but the former each year will concern a separate aspect of the engineering field. Intense interest of professional figures and laymen in development of airports and related problems as an offshoot of national defense, coupled with prominence of Chicago's airport through its expansion program, heightens topical appeal of the Conference, the Institute believes.

J. B. Finnegan 1400 E. 56th Street, professor of fire protection engineering and chairman of the department, will be Conference Director. C. O. Harris, 8509 Euclid Avenue, instructor in mechanics, will be Conference Secretary, and other committee members are S. M. Spears, 1720 W. 105th Place, associate professor of civil

engineering, and W. T. Priestley, Jr., Miller Road, Barrington, Illinois, assistant professor of architecture.

Airport grading, drainage and paving, lighting and signaling, capacity and operations problems, airport layout, management, plane servicing arrangements, buildings and fire protection will be among subjects discussed. Other subjects are to be announced shortly.

Approximately 20 speakers will be heard in morning and afternoon sessions and in after-luncheon addresses. Among those scheduled in an incomplete list are William A. Aldous, Ann Arbor, Michigan, senior engineer, soils paving unit, technical development division, Civil Aeronautics Administration, H. J. Corey Pearson, Washington, D.C., lighting engineer, technical development division, C.A.A.; and C. B. Donaldson, Washington, D. C., acting director, airport division, C.A.A.

Others are Robert Aldrich, Flushing, Long Island, N. Y., supervisor of airports, American Air Lines, and E. H. Sittner, plant engineer, of the same city and company, R. W. Schroeder, 2126 Thornwood Avenue, Wilmette, Illinois, vice president in charge of safety, United Air Lines, and A. F. Bonnalie, 410 S. Grove Avenue, Oak Park, Illinois, assistant to the executive vice president in charge of operations of the same company, F. B. Quackenboss, 423 Greenleaf Avenue, Evanston, Illinois, fire protection engineer of the Rollins Burdick Hunter Company, Chicago, A. E. Blomquist, New York City, New York, chief airport engineer, Eastern Air Lines, William Schwarz, Transcontinental and Western Air, Inc., and John Groves, Washington (D. C.) National Airport.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE. 10 FELLOWSHIPS OFFERED FOR 1941-42 BY THE INSTITUTE OF GAS TECHNOLOGY OF ILLINOIS TECH; $1,000 VALUE EACH OF FOUR YEARS.

FOR RELEASE: MONDAY, AUGUST 18, 1941.

Fellowship awards totalling $40,000 to ten engineering school graduates will be offered for 1941-42 by the Institute of Gas Technology at Illinois Institute of Technology it was announced today (Monday, 8/18/41) by H. T. Heald, president of Illinois Tech.

Also president of the Institute of Gas Technology, Heald said work as students Tech's graduate school will be started September 22 by fellowship winners, whose grants will provide $1,000 for each of four years during which they will pursue programs leading to masters and doctors degrees.

The Institute of Gas Technology, a separate unit on the Armour College of Engineering campus of Illinois Tech, was created in June by a million dollar appropriation of seventeen leading gas producing companies of the United States.

Buildings necessary to house activities of the Institute of Gas Technology will be built eventually as part of a plan distinct from the existing $3,000,000 development program of Illinois Tech. The financing of instruction, maintenance and related costs of the gas research project will proceed at the rate of at least $100,000 a year for the next ten years.

Fundamental and applied research pointed to betterment of the gas industry will be the aim of fellows and faculty of the Institute of Gas Technology, Heald stated.

Peak enrollment, to be reached gradually so that selective caution as to enrollee may be exercised, will be from 50 to 60 students.

Fellows remaining for the entire four year program envisioned by trustees of the Institute of Gas Technology will receive Ph. D.'s in subjects already part of the highly-developed graduate school of Illinois Tech. Summer vacation employment, at $125 per month, will be available to each fellow.

The course of study will include organic chemistry, engineering mathematics, physics, fluid flow and heat transfer, physical chemistry, gas technology, chemistry of polymerization and depolymerization, catalysis and surface chemistry.

Also offered will be curricula including the equivalent of one year of academic work in the background of industrial gas problems, including operation, management and regulations of public utilities. Equipment and materials for manufacture, storage and distribution of gas, by-products of the industry, management problems, and related subjects will be studied.

In his fourth year a fellow will concern himself with research fundamentally of use to the gas industry. His summer employment period will be connected with some phase of gas technology.

Formal objectives of the gas technology endowment are as follows:

Education at the graduate level with a program leading to a Ph. D. in four years.

Fundamental research for the gas industry.

Organization and dissemination of scientific information pertinent to the gas industry.

Specific research projects for individual companies in the gas industry.

Engineering graduates from schools other than engineering colleges are eligible for fellowships. From each $1,000 grant $325 is deductible for tuition, fellows thus receiving $75 per month for nine months after tuition is paid. Application should be made to the Institute of Gas Technology, 3300 Federal Street, Chicago, Illinois.

Chairman of the board of trustees of the Institute of Gas Technology is Frank C. Smith, president of the Houston (Texas) Natural Gas Company. Members of the executive committee, in addition to Heald and Smith, are: Herman Russell, President, Rochester Gas and Electric Corporation (New York); F. H. Lerch, Jr., President, Gas Companies, Inc., New York, Frank H. Adams, vice-president, Surface Combustion Corporation, Toledo, Ohio, Thomas Drever, President, American Steel Foundries, Chicago and member of the Board of Trustees of Illinois Tech, and Wilfred Sykes, President of Inland Steel, Chicago and member of the Board of Trustees of Illinois Tech.

-JGM-

FROM. ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE. ELECTION OF J. H. COLLIER, PRES.,
CRANE CO., TO BOARD OF TRUSTEES OF
ILLINOIS TECH.

FOR RELEASE WEDNESDAY, 8/20/41

John H. Collier, President of Crane Co., has been elected to the Board of Trustees of Illinois Institute of Technology. Announcement of the election was made by James D. Cunningham, Chairman of the Board of Illinois Tech, and President of Republic Flow Meters Company of Chicago.

Mr. Collier, according to the announcement, has been elected to the Institute's Board to fill the vacancy caused by the death of C. B. Nolte, long-time, staunch supporter of the Institute and one of the prime-movers of the Institute's new $3,000,000 building campaign.

The election of John H. Collier to the Presidency of Crane Co. at a special meeting of the Board of Directors on May 5, 1941 culminated a career that began 38 years earlier, when, as a young man of 19, he entered the employ of Crane Co. as a core-maker's helper - almost the bottom of the industrial ladder. Through his own ability, perseverance, dependability and honesty he successfully ran the gamut of foundry practices and manufacturing processes which led to plant management, both here and abroad, and finally as executive head of one of our country's leading manufacturing and distributing organizations.

The first few years of his Crane experience brought him in intimate contact with several different manufacturing sections including core room, pattern shop, pop valve

section, moulding foundry, tool section, iron valve department, and machine designing. With such a practical background, he was given his first really important assignment in January, 1908, when he was made assistant superintendent of the brass foundry.

Mr. Collier was appointed by president R. T. Crane, Jr. as general manager of the Bridgeport, Conn. manufacturing division (August, 1917) which position he held twelve years. From January, 1922 until 1929, inclusive, he also served as a Director of Crane Co., but was not re-elected in January, 1930, because six months prior to that time he was sent to Europe as president of Cie Crane, Paris, France, and chairman and director of Crane, Ltd., London, England. He served in those capacities until the middle of 1933, when the economic depression was at its lowest ebb and made necessary various changes in the company. It was then that Mr. Collier returned to Chicago to be elected vice-president in charge of manufacturing with headquarters in the great Chicago works he helped to build nearly twenty years before. In March, 1939, he was again elected a director of the company. The top rung of the ladder was reached when he was made President, May 5, 1941.

Mr. Collier was born in Chicago on September 22, 1884, a son of Frank Howard and Fanny (Brown) Collier. In 1919 he married Virginia MacMakin. They have a son (MacMakin) and a daughter (Joan), and live at 900 North Michigan Avenue, Chicago.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE. CURRICULUM OF HOME ECONOMICS DEPARTMENT ANNOUNCED BY DR. RUTH COWAN CLOUSE, CHAIRMAN, IDA DIDIER NAMED ASSISTANT PROFESSOR.

FOR IMMEDIATE RELEASE

Ida Marie Didier, for the past five years head of the department of home economics of Marygrove College, Detroit, will join the faculty of Lewis division of Illinois Institute of Technology as assistant professor of home economics, it was announced today by Dr. Ruth Cowan Clouse, 5643 Blackstone Avenue, chairman of the department.

Outlining the curriculum of the expanded home economics department, Dr. Clouse said the addition of Miss Didier, a specialist in clothing and textile subjects, which will be given great stress in the new department program, would signalize the absorption of the applied art department by that of home economics.

Miss Didier, a graduate of North Dakota State Agricultural College, Fargo, in 1923 with a bachelor of science in home economics degree, received a master of science in textiles and clothing degree from the University of Chicago in 1931. She has done further graduate work at the University of Chicago, Colorado State College, Fort Collins, and Wayne University, Detroit.

Her teaching experience was gained at Little Falls (Minnesota) High School from 1924 to 1926, Colorado State College from 1931 to 1936 as assistant professor, the Charlestown, Illinois, extension of the University of Illinois from 1926 to 1930 as

home advisor, and at Marygrove College.

Miss Didier was assistant to the dean of women at North Dakota State Agricultural College in 1923 and 1924. A supervisor of canning for a state project with headquarters in Denver, Colorado, in the summer of 1934, she was special agent in the Colorado State College extension the following summer.

Dr. Clouse, a specialist in the study of vitamins, whose appointment as chairman of the department was announced this summer, was for six years nutrition consultant on the headquarters staff of the American Medical Association before assuming her Lewis division post.

Her aim for the reorganized home economics department is a versatile staff with a wide selection of courses offered, Dr. Clouse observed. She commended the service over a great period of years of Miss Maria Blanke, since Lewis opened in 1896 a teacher of applied art of which she is now assistant professor, and Miss Laura Winkelman, assistant professor of home economics, as having made for a strong foundation on which to build a completely modern department.

Dr. Clouse will specialize in classes concerning vitamins, nutrition and foods, Miss Didier in clothing and textiles, Miss Winkelman in food studies and Miss Blanke in costume design and interior decoration.

Formal aims of the home economics department, as Dr. Clouse outlined them, are as follows:

Courses will provide training for students who wish an integrated course in arts and sciences fundamental to successful home making, for those who wish to become teachers of home economics, including teachers of vocational home economics in high schools receiving state and federal aid for promotion of vocational education, and for those preparing for business or professional service in home economics.

The last category of students may take work fitting them for cafeteria or tearoom management, dietetics work in hospital or clinic, home economist or nutritionist work in public work or social welfare agencies, work as home economist in demonstration

kitchen or testing laboratory, or work as home economist with a business organization, Dr. Clouse said.

Also, students who wish to make a study of the general principle of foods and nutrition and of clothing so as to make a more rational personal use of them, those preparing for social service, and those entering a business requiring knowledge of foods, textiles or applied art will be accommodated, she stated.

An analysis of content of home economics courses was offered by Dr. Clouse as follows:

Food and nutrition includes a study of food composition, methods of cookery, family meal planning and meal service, quantity cookery, laboratory practice in cafeteria or tearoom management, human dietary requirements in normal health and in disease, the essentials of an adequate diet, and the effect of cooking and processing on the nutritional values of foods.

Clothing and textiles include garment construction, analysis of clothing materials, budgeting and the selection of clothing suitable in color, line and design to the individual. Advanced courses in textiles and dress design also are offered.

Household administration covers work in house planning, home furnishing, economic and social problems of family life, child care and child welfare, and consumer problems in the purchasing of household materials and equipment.

Home economics education courses are offered for those students who wish to enter the teaching profession.

Applied art includes basic courses in drawing, design, and color theories. Special courses in applied design, costume design, and interior decoration are furnished.

The home economics curriculum provides for both evening and day classes in home economics subjects leading toward the degree of bachelor of science in arts and science in home economics.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: SIX ILLINOIS TECH SENIORS OF ARMOUR COLLEGE DIVISION WIN SCHOLARSHIPS FOR 1941-42.

FOR IMMEDIATE RELEASE

Six seniors of Armour College of Engineering division of Illinois Institute of Technology are winners of honor scholarships for 1941-42 it was announced today by H. T. Heald, 5844 Stony Island Avenue, president.

Unlike scholarships offered to freshman entering the Institute, provided either by the school or, in the case of fire protection engineering freshman, by stock insurance companies of the country, these traditional senior honor awards are set up by endowment of friends of the Institute.

George A. Storz, 9644 S. Winston Avenue, and Warren Spitz, 7405 Bennett Avenue, architectural students; George Orescan, 304 Cleveland Street, Gary, Indiana, chemical engineering student; Robert J. Sullivan, 7078 N. Wolcott Avenue, mechanical engineering student; Charles I. Ball, 4227 N. Ashland Avenue, civil engineering student; and Robert W. Kerney, 1742 W. 95th Street, fire protection engineering student, are award winners.

Considerations for winning an honor scholarship are scholastic record, personality, extra-curricular activity, and general fitness.

Storz and Spitz are recipients of Dora T. Bartlett Memorial Scholarships. The Bartlett fund was established in 1937 by Frederick Clay Bartlett, Jr., an architectural graduate of Armour in 1934. It memorializes his mother, providing for selection by

the President and architectural faculty.

Orescan is recipient of a Bernard E. Sunny Scholarship. The Sunny Fund was established in 1909, the gift of a trustee of the Institute, with provision of selection by the President.

Sullivan is recipient of the Malek A. Loring Scholarship.

Ball is recipient of the Edward G. Elcock Scholarship, established in 1921 for recognition of a junior or senior civil engineering student, with provision of selection by the President.

Kerney is recipient of a Chicago Mechanics' Institute Fund Scholarship, through provision of the Chicago Community Trust for deserving Armour students residing in Chicago, The President makes selection.

Storz, a graduate of Luther Institute, is a member of Scarab, honorary architectural fraternity. His scholastic average for the second semester of his junior year was 2.14 out of a possible 3.00. Spitz, a graduate of Hyde Park High School, is a member of Rho Delta Rho fraternity, of Sphinx, honorary journalistic fraternity, and was sports editor of TECHNOLOGY NEWS, undergraduate weekly, last year. His average for the second semester of his junior year was 1.91.

Orescan, thirty-four years old, married and father of a twelve-year-old son, entered Armour College of Engineering in 1938, having graduated from Froebel High School, Gary, Indiana, in 1924. Employed at night and a home owner, he has managed to maintain high grades through his years at the Institute. His average for the second semester of his junior year was 2.76. He belongs to Tau Beta Pi, honorary engineering fraternity, and Phi Lambda Upsilon fraternity.

Sullivan, a graduate of Sullivan High School, is a member of the Glee Club, the American Society of Mechanical Engineers, Pi Tau Sigma, mechanical engineering honorary fraternity, and was student honor marshal as a freshman and sophomore. He was also a junior marshal in 1940-41, with an average of 2.95.

Ball, a graduate of Lake View High School, is a member of the American Society of Civil Engineers, the Glee Club, and has been editor of Chi Epsilon's paper, a student honor marshal, and rewrite and feature editor of TECHNOLOGY NEWS, undergraduate weekly. He was also a junior marshall in 1940-41, with an average of 2.79.

Kerney, a graduate of Morgan Park High School, is a member of Alpha Sigma Phi fraternity. His average for the second semester of his junior year was 1.85.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: EVENING CLASSES IN FIRE INSURANCE SUBJECTS OFFERED BY ARMOUR DIVISION OF ILLINOIS TECH; FIRE PROTECTION ENGINEERING COURSE.

FOR IMMEDIATE RELEASE.

Two courses in the evening division of Armour College of Engineering of Illinois Institute of Technology of special interest to students preparing for fire insurance careers are announced today by J. B. Finnegan, professor of fire protection engineering and director of the department.

Wednesday, October 1, seventeen-week courses in elements of fire protection engineering and in fire insurance practice will begin. Both will be offered Wednesday evenings, the former at 8 o'clock and the latter at 6:20 o'clock.

Building construction, municipal and private water supplies, public and private fire extinguishing apparatus and methods, and fire alarm systems will be covered in the fire protection engineering course.

Principles of fire insurance, types of insurance companies and associations, the standard fire policy, and outstanding forms and clauses of policies will be covered in the fire insurance practice course.

The registrar's office of Armour College of Engineering campus is located at 3300 S. Federal Street, a block west of Dearborn Street. Tuition is $20 per course. A general fee of $4 per semester is charged evening division students.

Fire protection engineering has been taught in Armour College of Engineering since 1903, with bachelor of science degrees in fire protection engineering awarded. No other engineering school in the United States offers such a degree.

-JGM-

FROM ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: NEW FACULTY MEMBERS IN ARMOUR COLLEGE OF ENGINEERING DIVISION OF ILLINOIS TECH; DR. M. J. MURRAY SUCCEEDS DR. B. B. FREUD AS CHEMISTRY DEPARTMENT CHAIRMAN.

FOR IMMEDIATE RELEASE

Replacement of department heads and naming of new faculty members in Armour College of Engineering of Illinois Institute of Technology featured an announcement today by H. T. Heald, 5844 Stony Island Avenue, president.

Dr. M. J. Murray, 7619 Crandon Avenue, is acting chairman of the chemistry department succeeding Dr. B. B. Freud, who left recently on extended active duty as colonel in the chemical warfare service. Dr. Murray, appointed in 1939 as assistant professor, was last year made associate professor.

Dr. J. E. Hobson, 30-year-old central station engineer of the Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pennsylvania, was named professor of electrical engineering and department chairman to succeed Dr. E. H. Freeman, professor of electrical engineering, a teacher at Armour since 1902 and department chairman since 1909. The latter will remain as professor.

H. C. Spencer, 6139 S. Kenwood Avenue, formerly head of the department of engineering drawing at Texas Agricultural and Mechanical College, is chairman of the newly-created engineering drawing department. Dr. Victor L. Streeter, for six years employed by the U. S. Bureau of Reclamation, Denver, Colorado, will be associate professor of hydraulics, teaching in the civil engineering department.

Dr. William A. Edson, for the past four years employed in Bell Telephone Laboratories, New York City, New York, as an electrical engineer, will be an assistant professor of electrical engineering. Dr. LeVan Griffis, a June winner of a doctorate in mechanics at California Institute of Technology, Berkeley, will be an assistant professor of mechanics.

Dr. Otto Zmeskal, a June winner of a doctor of science in metallurgy degree at Massachusetts Institute of Technology, Cambridge, will be an assistant professor of metallurgy in the chemical engineering department. R. O. Loving, who becomes an assistant professor of engineering drawing, has held the same position at Texas A. and M. College since 1936.

Dr. Herbert Bernstein, last year a national research fellow at Princeton University, Princeton, N. J., will be an instructor in organic chemistry. Dr. Robert F. Christy, a June winner of a doctorate in physics at the University of California, Berkeley, will be an instructor in physics.

Russell T. Griffith, 559 Pennsylvania Street, Gary, Indiana, assistant chief chemist of the Cities Service Oil Company, East Chicago, Indiana, will be an instructor in chemical engineering. Harold Minkler, who this month receives a bachelor of science in engineering drawing degree from Purdue University, Lafayette, Indiana, will be an instructor in engineering drawing.

Albert Halff, for two years an instructor in the engineering department of Texas College of Arts and Industries, Kingsville, will be an instructor in civil engineering.

Dr. Murray, assuming the chemistry department chairmanship, is a brilliant research chemist as well as a recognized teacher and administrator. A native of Moran, Indiana, he is thirty-seven years old. He received an A.B. degree from DePauw University, Greencastle, Indiana, in 1925 and a Ph.D. from Cornell University, Ithaca, New York, in 1929. He did further graduate work at the University of Illinois, Urbana, in the summer of 1937.

A teaching fellow at Cornell from 1925 to 1928, Dr. Murray was an instructor of quantitative analysis there during the next two years. He transferred to Lynchburg College, Lynchburg, Virginia, and from 1930 to 1939 was head of the department of chemistry at the institution. He came to Armour College of Engineering of Illinois Institute of Technology in 1939.

Research grants from the American Academy for the Advancement of Science, and the Virginia Academy of Science in 1938, have been made to Dr. Murray. With Dr. F. F. Cleveland, now of the Institute's faculty, he received the Virginia Academy of Science award in 1939.

Dr. Murray is a fellow of the American Academy for the Advancement of Science, a member of the American Chemical Society, the Virginia Academy of Science, the American Association of University Professors, the Piedmont Chemical Society, Alpha Chi Sigma, Phi Beta Kappa, and Sigma Xi.

He was the author of Introductory Qualitative Analysis (with R. B. Corey) in 1932 and has contributed frequently to chemical journals.

Dr. Hobson, who becomes chairman of the electrical engineering department, voted "The Outstanding Young Electrical Engineer for 1940" by Eta Kappa Nu fraternity, was born in Marshall, Indiana, in 1911. He received a B.S. in electrical engineering degree, with distinction, in 1932 from Purdue University, Lafayette, Indiana, and earned a master of science degree in the same subject the following year.

A magna cum laude doctors degree from California Institute of Technology, after two years of study, was received by Dr. Hobson in 1935. At Purdue Dr. Hobson had been editor of the Engineer and a member of the orchestra. Among honors he has received are the Tau Beta Pi research fellowship, 1932-33; the Charles A. Coffin Foundation Fellowship, 1933-34; an honorable mention for the Eta Kappa Nu Recognition of the Outstanding Young Electrical Engineer for 1939.

Dr. Hobson is a member of Sigma Xi, Tau Beta Pi, Eta Kappa Nu, Sigma Delta Chi, The American Institute of Electrical Engineers (associate membership), Triangle

fraternity, and Masonic, F. and A.M. He is a member and secretary of the American Institute of Electrical Engineers subcommittee for the Investigation of Arc Furnace Overvoltages and a member of the A.I.E.E.'s committee on science.

Dr. Hobson has taught at California Institute of Technology as a graduate assistant from 1933 to 1935; at Earlham College, Richmond, Indiana, during 1935 and 1936, as assistant professor of mathematics; at Armour College of Engineering of Illinois Institute of Technology, from September, 1936, to February, 1937, as instructor in electrical engineering; at University of Pittsburgh, from 1937 to 1941 as a lecturer in electrical engineering, and as a lecturer in electrical engineering at Northwestern University in 1939-40.

Dr. Hobson's industrial experience began with the Kelman Electric and Manufacturing Company in the summer of 1935, when he was supervisor of high voltage power frequency and surge acceptance tests on circuit breakers for the Builder Dam-Los Angeles transmission line. He assisted, also, in designing and building a 1,000,000 volt surge generator for the California Institute of Technology in 1935.

Dr Hobson began in February of 1937 at his present position as engineer in the central station section of the industry engineering department of Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pennsylvania. Since August, 1938, Dr. Hobson has been stationed at headquarters for the northwestern district with Chicago, Indianapolis, Minneapolis, Milwaukee and Madison as part of his itinerary. He has contributed widely to professional publications.

Spencer, who takes the post of chairman of the newly-created engineering drawing department, is lately head of the same department at Texas A. and M. College, College Station, Texas. A well-known commercial artist, he is the author of standard engineering drawing textbooks. Born in Mangum, Oklahoma, in 1903, he received his A.B. in 1929 from Baylor University, Waco, Texas, and an M.S. the following year from Texas A. and M., where he also received a bachelor degree in architecture last year.

Spencer studied art in the Chicago Academy of Fine Arts in 1924 and at the Art Students League in New York City in 1925. He was active as a professional artist and engineering draftsman in Dallas, Texas, during 1920-21, in Waco for the next three years, in Chicago in 1925, and again in Waco the following year.

His teaching career began at Ballinger, Texas, where he taught in the local high school as instructor of mechanical drawing for three years. From 1929 to 1937 he was an instructor in mechanical drawing at Texas A. and M. College, becoming associate professor in 1937 and department head in 1940.

Spencer's paintings have been widely exhibited, some of them hanging in Southwestern galleries and museums. He is a member of the Southern States Art League and a member of the executive committee of the drawing division of the Society for the Promotion of Engineering Education. He is co-author of "Technical Drawing," "Technical Drawing Problems," "Technical Drawing for High Schools," and "Lettering Exercises."

Dr. Streeter, assuming the post of associate professor of hydraulics, is a native of Marcellus, Michigan. He graduated from the local high school in 1927, attended Western State Teachers College, Kalamazoo, Michigan, from 1927 to 1929, in 1931 receiving a B.S. in civil engineering with an hydraulics option, from the University of Michigan, Ann Arbor.

Dr. Streeter, earning his doctors degree in science in 1934, spent two years as a university fellow. He won the Collingwood Prize of the American Society of Civil Engineers in 1936. From June, 1934, to July, 1935, Dr. Streeter was employed in the hydraulics laboratory of the U. S. Bureau of Reclamation, Denver, and in July, 1935, was appointed by the American Society of Mechanical Engineers as a Freeman Scholar.

Touring ten European countries, Dr. Streeter studied at the University of Gottingen and the Karlsruhe Technische Hockschule. From 1936 to the present he has been employed by the Bureau of Reclamation at Denver. He belongs to the Junior American Society of Civil Engineers, Junior American Society of Mechanical Engineers, Sigma Xi, Phi Kappa Phi, and Iota Alpha.

Dr. Edson, named assistant professor of electrical engineering, was born in Burchard, Nebraska, receiving his B. S. and M.S. in electrical engineering from the University of Kansas, Lawrence. Harvard awarded Dr. Edson his doctor of Science in Electric Communications degree in 1937. He is a member of Tau Beta Sigma, Sigma Tau, Pi Mu Epsilon, Sigma Xi and is an associate member of the American Institute of Electrical Engineering.

Dr. Edson's working experience has been chiefly with Bell Telephone Laboratories, New York City, New York, where he has been a member of the telephone staff, engaged in development of terminal facilities for carrier telephone systems for three and one-half years.

Dr. LeVan Griffis, appointed an assistant professor of mechanics, taught in the same department at the Institute in 1939 and returns with a Ph. D. in mechanics won at California Institute of Technology last June. He received his B. S. in engineering from the same school, as well as his M.S. in civil engineering in 1938. He is a member of Tau Beta Pi.

Dr. Otto Zmeskal, appointed as assistant professor of metallurgy, received his B. S. in chemical engineering from Armour College of Engineering of the Institute in 1936, an M.S. in metallurgy from the same school in 1938, and his doctor of science in metallurgy degree from Massachusetts Institute of Technology, Boston, last June. He lives at 105 Sixth Street, Wilmette, Illinois.

Dr. Zmeskal's teaching experience has been gained at Armour where he was an instructor in chemistry in 1936-37, and an instructor in metallurgy in 1937-38, and at Massachusetts Institute of Technology where he was an assistant instructor in metallography from 1938 to 1941. He also was an assistant instructor in metallography from 1938 to 1941 at Lowell Institute.

R. O. Loving, appointed an assistant instructor of engineering drawing, received a B.S. in electrical engineering from Texas A. and M. in 1936. An M.S. in mathematics was bestowed on him by the same school in 1940. He ranked fourth in his graduating

class in 1936, belonging to the scholarship honor society, and the band.

At Texas A. and M. Loving was an instructor in engineering drawing and descriptive geometry, illustrating textbooks on these subjects, notably a standard book in the field, Technical Drawing, by Giesecke, Mitchell and Spencer. He worked also at the engineering experimental station of the College under Dr. F. E. Giesecke.

Dr. Herbert Bernstein, appointed an instructor in organic chemistry, is a native of Philadelphia. He attended University of Pennsylvania (Philadelphia) from 1932 to 1933, and received his B.A. degree with highest honors from Swarthmore College, Swarthmore, Pennsylvania, in 1936.

An M. S. was won at Pennsylvania State College in 1937 and a Ph. D. from the latter school in 1940. Dr Bernstein was a graduate assistant fellow, scholar and instructor successively at Pennsylvania State College, State College, Pennsylvania. In 1940-41 he was a national research fellow at Princeton University, Princeton, New Jersey. He belongs to the American Chemical Society, Phi Beta Kappa, Sigma Xi, and Phi Lambda Upsilon.

Dr. Christy, appointed to the physics department as an instructor, was born in Vancouver, British Columbia, Canada. He gained a B. A. from the University of British Columbia, with first class honors in mathematics and physics, in 1935. He was awarded the Governor General's gold medal for leading his class. During the next two years he attended the same school, acting as a teaching assistant, taking his masters degree in physics in 1937. A fellowship brought him to the University of California, Berkeley, in 1937, where, during 1938-39, he was a teaching assistant in physics and the following year a Whiting fellow in physics, and where, in 1941, he was awarded a doctors degree in theoretical physics.

Dr. Edward J. Bicek, appointed an instructor in chemistry, was born in Tracy, Minnesota, in 1915 and received a B.A. in chemistry from Carleton College, Northfield Minnesota, in 1937. This degree was cum laude. He was an associate member of Sigma Xi, a member of the orchestra and a publications editor. He is a member of Phi

Lambda Upsilon, Alpha Chi Sigma and the American Chemistry Society. His doctors degree was gained in analytical chemistry from the University of Illinois in June.

Griffith, appointed an instructor in chemical engineering, was born in Monroeville, Indiana. He won a B. S. in chemical engineering at Purdue in 1933 and received an M.S. in the same subject from the Institute in June. He belongs to the American Institute of Chemical Engineers, American Chemical Society, the Gary Junior Chamber of Commerce and Kappa Delta Rho fraternity. He entered the employ of Cities Service Oil Company, East Chicago, Indiana, in 1933, and at present is employed as assistant chief chemist.

Halff, appointed an instructor in civil engineering, graduated from Southern Methodist University, Dallas, Texas, in 1936 with a B.S. in civil engineering and took a masters degree in the same subject the following year. His home is in Richardson, Texas. He was assistant office engineer from 1937 to 1939 for the Koch and Fowler Company, consulting engineers, of Dallas. Then he became an instructor, from December, 1939, to June, 1940, at Texas College of Arts and Industries, Kingsville, where he has been stationed until the present. He belongs to Theta Alpha Omega fraternity and the Technical Club of Dallas.

Minkler, appointed an instructor of engineering drawing, received his bachelor of science in mechanical engineering degree in August from Purdue, having spent two years at that school and one at Texas A. and M. as a student assistant in engineering drawing. He graduated in 1933 from Waukegan High School, Waukegan, Illinois, spent a year of night study at Armour College of Engineering of the Institute, a year at Bradley Polytechnic Institute, Peoria, Illinois, and the remainder of his undergraduate period at Purdue and Texas A. and M.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: DR. M. ALDEN COUNTRYMAN, ASSISTANT PROFESSOR OF PHYSICS, PLANS NOVEL POPULAR SCIENCE TALKS, BUSINESS, LAY GROUPS AS AUDIENCES.

FOR IMMEDIATE RELEASE

Dr. M. Alden Countryman, 641 N. Stone Street, La Grange, Illinois, assistant professor of physics in Lewis division of Illinois Institute of Technology, will in October embark on a novel "science-at-your-door" instruction program designed particularly for lay persons, it was announced today by Dr. J. S. Thompson, chairman of the physics department of the Institute.

Dr. Thompson will himself, as occasion demands, accompany Dr. Countryman on his round of demonstrations before club groups, luncheon meetings of businessmen and businesswomen, and various lay organizations whose members have evinced interest in the program, the former said.

The basic appeal of Dr. Countryman's talks on the simple laws and essential facts of scientific truth that work in the world every day, but which are for the most part unknown to the average person, will be brevity.

Demonstrations will make up about one-half of each twenty-minute talk. Material and equipment for demonstrations will be so simplified they will pack neatly into a small suitcase.

Fallacies of the popular belief that science is mysterious will be disproved by his demonstrations and accompanying talks, Dr. Countryman said.

"I will consider my program of instruction a success if by certain simple examples I show that the common experience is fully as mysterious as science -- and actually that science is not at all mysterious," he declared.

What is science? Dr. Countryman says it is an attempt to order experience and to enlarge the ordered sequence of experience, rather than to attempt to explain "why" -- except insofar as breaking up large experience into small parts is telling "why."

To take the mystery out of science is the function of every worthwhile scientist, Dr. Countryman said.

"The point of view I speak for is just the reverse of that of magicians, who attempt to create an aura of mystery about the simple, to frustrate the simple and logical. Whatever mystery there appears to be in scientific processes is inherent in nature itself.

"Actually, as far as procedures go, the most profound truths may have the simplest explanations. On the other hand, some of the processes of scientists are those which have not been commonly observed.

"Through long daily contact of our environments we come to think of things, which in themselves are mysterious, as familiar. We now have tools available for observing scientific situations, that while they are natural, have been hitherto unexperienced by the average person."

Typical of demonstrations of a concrete sort Dr. Countryman will employ in his instructions is one that is used to make graphic the fact of physical inertia.

Two eggs, one boiled, the other unboiled, are put on a table. Inertia can be demonstrated by spinning the raw egg, whose interior is liquid, and will not easily rotate. The outside doesn't spin as the interior does because the latter tends to rotate slightly and to whatever extent the outside rotates the interior continues to do so when the exterior stops.

If a raw egg is spun, then stopped, then released, it will start spinning again. The boiled egg, however, gives an entirely different performance, interior and exterior being one in motion.

The fact of surface tension in water would be demonstrated by taking a glass of water, putting some device, such as a needle or a razor blade, on the surface to float.

The floating is the result of surface tension. There is a difference in molecular spacing between the body of the liquid and the surface, hence the surface has characteristics different than the body.

Other simple demonstrations such as the conservation of energy as shown through the rolling of a child's "kumback" cylinder on a table, the cylinder rolling back to its starting point after it is pushed in an opposite direction; the stroboscope demonstration, in which a flashing light at intermittent intervals is timed to flash in syncronism with a rotating object, so that it appears to stop rotating, even though it continues to do so; a demonstration on the nature of white light, etc., will be among Dr. Countryman's bag of scientific commonplaces.

Organizations wishing to secure Dr. Countryman for a talk should phone Victory 4600, the Armour College of Engineering division of Illinois Tech, and ask for the lecture bureau.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH DELEGATION AT JOINT MEET OF AMERICAN MATHEMATICAL SOCIETY AND THE MATHEMATICAL ASSOCIATION OF AMERICA - U. OF CHICAGO.

FOR RELEASE: TUESDAY, SEPTEMBER 2, 1941

Six members of the mathematics department of Illinois Institute of Technology are among delegates to the annual summer meeting of the American Mathematical Society beginning today (9/2/41) and continuing through Friday at the University of Chicago.

Dr. L. R. Ford, 5600 Dorchester Avenue, professor of mathematics and department chairman, an associate editor of The American Mathematical Monthly, heads the group. He is a member of the board of governors of the Society and spoke at 9 a.m. today on "Proper Fractions."

Dr. W. C. Krathwohl, 6211 Kimbark, professor of mathematics and director of the department of educational tests and measurements, a member of the board of governors of The Mathematical Association of America, yesterday took part in the one-day meeting of the Association at the Midway. Membership of this group is affiliated with the Society.

Dr. Rufus Oldenburger, 1635 East Hyde Park Blvd., associate professor of mathematics, made a leading address of the Association's meeting, speaking at 2 p.m. His subject was "Matrix Methods in the Solution of Algebraic Equations."

Dr. John J. DeCicco, 1414 E. 59th St., spoke today at 9 a.m. on "Geometric Characterization of Function of n Complex Variables." He is an instructor in mathematics. Dr. I. E. Perlin, 5510 Cornell Avenue, instructor in mathematics, spoke at 2 p.m. today on "Calculus of Variation Problem with End Points as Functions of the Curve." Friday at 3 p.m. Dr. Lee R. Wilcox, 1511 Elmwood Avenue, Wilmette, Illinois, instructor in mathematics, will speak on "Complementation and Modularity in Lattices."

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ARMOUR COLLEGE OF ENGINEERING OF ILLINOIS TECH 1941-42 DAY CURRICULA; NEW COURSES AND TEACHERS; REGISTRATION 9/15/41.

FOR IMMEDIATE RELEASE

Registration for day and evening division courses at Illinois Institute of Technology begins tomorrow (Monday, 9/15/41), with the prospect of record enrollment for opening of day sessions September 22 and evening sessions September 29, it was announced today by J. C. Peebles, 9846 S Hoyne Avenue, acting dean.

Boasting the broadest teaching program in its history, Armour College of Engineering (South-side campus) enters the scholastic year of 1941-42 with a greatly augmented faculty. Twenty-two new teachers have been added to the roster and one returns from a leave of absence.

Two departments have been created, an aeronautical engineering option has been adopted, four department heads have been appointed and extensive equipment and facility changes have been provided. A five-year course replaces the present four-year course in architecture.

Engineering drawing and industrial engineering departments, newly set up, will be headed respectively by H. C. Spencer, 6139 S. Kenwood Avenue, associate professor of engineering drawing, and H. P. Dutton, dean of the evening division of the Institute.

Spencer was formerly head of the engineering drawing department at Texas Agricultural and Mechanical College. Dutton has been associated with the Institute

since 1933. Dr. J. E. Hobson, 30-year-old central station engineer of the Westinghouse Electric and Manufacturing Company, will head the electrical engineering department. Dr. M. J. Murray, 7619 Crandon Avenue, associate professor of chemistry, has been named acting head of the chemistry department.

Inauguration of a program leading to the bachelor of science degree in aeronautical engineering, which will make Illinois Tech the sole engineering school in the state and one of few in the Middle West to offer such a degree, will necessitate slight curricula adjustments.

In September, 1942, actual setting up of classes will take place, as freshman and sophomore years of the program will be virtually identical with the first two years of the civil and mechanical engineering programs. Present sophomores in mechanical or civil engineering may elect the aeronautical option next year.

The fifth year of the architecture course will be devoted to specialization in architecture and city design or regional and city planning, the latter subjects arousing great interest because of architectural tendencies in those directions. Repeated requests of students for the longer course was greatly responsible for its adoption.

The department of electrical engineering, in addition to Dr. Hobson, will have Dr. William A. Edson as a newcomer. He has been employed for the past four years in the Bell Telephone Laboratories, New York City. In addition to Spencer, R. O. Loving, appointed assistant professor, and Harold Minkler, appointed instructor, will be attached to the engineering drawing department.

The mechanics department welcomes two new teachers. Dr. Victor L. Streeter, for six years employed by the U. S. Bureau of Reclamation, Denver, will be an associate professor of hydraulics. Dr. LeVan Griffis will be an assistant professor of mechanics. Dr. Charles O. Harris, an instructor in mechanics, on leave of absence last year, is returning.

The chemical engineering department has as additions, Dr. Otto Zmeskal, assistant professor of metallurgy, and Russell T. Griffith, 559 Pennsylvania St., Gary, Indiana, instructor in chemical engineering.

Dr. Herbert Bernstein and Dr. Edward J. Bicek, appointed instructors in chemistry, and Irving S. Goldstein, 10 Spring Street, Monticello, New York, holding a B. S. in chemistry from Rensselaer Polytechnic Institute and made a departmental assistant, will be additions to the chemistry department.

The civil engineering department will be joined by Albert Halff as instructor. The mathematics department will welcome Albert Latter, 83 W. California Avenue, Pasadena, California, June graduate of the University of Southern California at Los Angeles with a B.S. in mathematics, as a departmental assistant. Dr. Walter Snyder becomes an instructor in mathematics.

The physics department is adding Dr. Robert F. Christy as instructor and William R. Kennedy, 1211 Sixth Avenue, South Great Falls, Montana, as a departmental assistant. The political and social science department has a new member in Dr. Victor Jones, formerly lecturer in the department of political science at the University of California, Berkeley, who becomes assistant professor.

Dr. Frederick R. White, last year a teaching fellow in English at the University of Michigan, Ann Arbor, will be an instructor in English in the English and languages department. Dr. Allen Walker Read, holder of a Guggenheim fellowship for the last two years, holding degrees from American schools and Oxford, will be an instructor in English. Dr. Donald Schier, 1304 Avenue A, Fort Madison, Iowa, last year a teacher at Bemidji State Teachers College, Bemidji, Minnesota, will be an instructor in romance languages. Dr. Frederick Richter, for three years director of the Rocky Mountain School of Languages, Colorado Springs, Colorado, will be an instructor in German.

-JGM-

FILE COPY

941-3

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: LEWIS INSTITUTE OF ARTS AND SCIENCES OF ILLINOIS TECH 1941-42 DAY CURRICULA; NEW COURSES; NEW TEACHERS; REGISTRATION 9/15/41

FOR IMMEDIATE RELEASE

Registration for day and evening division classes at Illinois Institute of Technology begins tomorrow (Monday, 9/15/41), with a spurt in attendance for the Fall semester indicated by freshman class gains, according to Dr. C. L. Clarke, dean.

Noting large additions in teaching personnel and laboratory and classroom equipment, and citing a completely reorganized home economics department expected to prove a magnet for coeds, Lewis Institute of Arts and Sciences division (West-side campus) will be functioning close to capacity, Dr. Clarke said.

Sixteen new faculty members will be associated with Lewis day division this year. One teacher returns from a leave of absence. A strong impetus for harmonizing work of individual departments of the liberal arts curriculum has led to notable faculty additions in English, languages, chemistry, physics, business and economics, and mathematics.

Two new department heads have been appointed. They are Dr. Ruth Cowan Clouse, formerly a nutrition expert of the American Medical Association, and Dr. M. J. Murray, associate professor of chemistry, named acting head of the chemistry department.

Dr. Clouse's department will be staffed by two members of the present home economics faculty in addition to Miss Ida Marie Didier, like Dr. Clouse a newcomer.

Miss Didier, formerly head of the home economics department of Marygrove College, Detroit, is a specialist in clothing and textile subjects.

F. C. Holmes, 1359 N. Hudson Ave., assistant professor of economics, returns from a one-year leave of absence after gaining a doctor of jurisprudence degree from Northwestern University in June. He had taught for eleven years at Lewis.

Applied art courses, taught since Lewis opened in 1896 by Miss Marie E. Blanke, this year will be incorporated in the general program of the home economics department.

Dr. Herbert Bernstein and Dr. Edward J. Bicek, appointed instructors in chemistry, and Irving S. Goldstein, 10 Spring Street, Monticello, New York, holding a B.S. in chemistry from Rensselaer Polytechnic Institute and made a departmental assistant, will be additions to the chemistry department.

The mathematics department will welcome Albert Latter, 83 W. California Avenue, Pasadena, California, June graduate of the University of Southern California at Los Angeles with a B.S. in mathematics, as a departmental assistant. Dr. Walter Snyder becomes an instructor in mathematics.

The physics department is adding Dr. Robert F. Christy as instructor and William R. Kennedy, 1211 Sixth Avenue, South Great Falls, Montana, as a departmental assistant. The political and social science department has a new member in Dr. Victor Jones, formerly lecturer in the department of political science at the University of California, Berkeley, who becomes assistant professor.

Dr. Frederick R. White, last year a teaching fellow in English at the University of Michigan, Ann Arbor, will be an instructor in English in the English and languages department. Dr. Allen Walker Read, holder of a Guggenheim fellowship for the last two years, holding degrees from American schools and Oxford, will be an instructor in English.

Dr. Donald Schier, 1304 Avenue A, Fort Madison, Iowa, last year a teacher at Bemidji State Teachers College, Bemidji, Minnesota, will be an instructor in romance languages. Dr. Frederick Richter, for three years director of the Rocky Mountain School of Languages, Colorado Springs, Colorado, will be an instructor in German.

941-5

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: APPOINTMENTS TO ARMOUR RESEARCH
FOUNDATION STAFF

FOR IMMEDIATE RELEASE

A staff reorganization of the Armour Research Foundation at Illinois Institute of Technology, resulting from its very rapid expansion, was announced today, Monday, September 8, 1941, by its director Harold Vagtborg.

The reorganization, according to Mr. Vagtborg, takes the form of appointment of three new staff members to handle new research projects, and the promotion of two regular staff members to more responsible positions.

New appointees to the staff include Dr. Clayton O. Dohrenwend, 2322 W. 119th Place, expert in stress analysis; Dr. Richard Belkengren, 7123 S. Clyde Avenue, bio-chemist and plant histologist; and Dr. Charles A. Coffey, 8343 Rhodes Avenue, research expert in oils and fats.

Promotions have been given to Dr. Francis W. Godwin, 6731 Chappell Avenue, formerly head of the chemical engineering department of the Foundation, who becomes assistant director of the Foundation. Dr. Martin H. Heeren, research expert in chemical engineering, who has been appointed chairman of chemical engineering research.

In order to more effectively use the talents of the entire research staff of the Foundation, there has been established what is known as the Armour Plan for Industrial Research. This plan, as the name implies, tends to produce a completely

cooperative effort by every staff member toward the solution of every research problem insofar as that staff members special abilities can contribute to the whole.

Departments originally created to handle the various research projects presented by industry have grown to such an extent, according to Mr. Vagtborg, that it was necessary to modify research administration under the Plan. To this end the old departmental organization of the Foundation has been abandoned and four closely coordinated sections have been established. These sections are: physics, chemical engineering, metallurgy, and experimental engineering. Each section has a chairman rather than a department head.

Dr. Godwin, newly appointed assistant director of the Foundation, was born in Washington, D. C. and educated at San Diego State College, (San Diego, California). He received his Master's and Doctor's Degrees from the State University of Iowa (Iowa City). His parents reside in Spring Valley, California.

Dr. Godwin joined the Research Foundation of Armour Institute of Technology, now the Armour Research Foundation at Illinois Tech, in 1938 as director of coal research. He is famous for developing "colloidal fuel" (liquid coal) which has been used experimentally to heat homes and run automobiles. He also developed the equipment and technique for the taking of still pictures at exposure times of one-one-millionth of a second.

Dr. Clayton O. Dohrenwend, who is a noted civil engineer and formerly on the staff of Armour Institute of Technology, is a native of New Britain, Connecticut, and comes to the Foundation from a position as assistant professor of advanced mechanics at the University of Connecticut, (Storrs). Since 1939, Dr. Dohrenwend has been associated with the Pratt and Whitney division of the United States Aircraft graduate engineering school at Connecticut in research and teaching. His parents reside at 139 Lincoln Street, New Britain, Conn.

Dr. Belkengren is a native of Willmar, Minnesota, where his parents now reside at 211 E. 28th Street. He received his undergraduate and graduate training at the University of Minnesota (1939-1941 respectively). Since receiving his Doctorate, his work has been in absorption spectroscopy, anaerobic germination of seeds, and the use of the heavy carbon isotope as a biological tracer.

Dr. Coffey was born in Chicago and received his training at the State University of Iowa (Iowa City). He has done research work at the State University of Iowa, Rock Island Arsenal (War Department), Moline, and held a position with Wilson and Company in the investigation of fats and oils before joining the staff of the Armour Research Foundation.

-AS-

941-6

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: REGISTRATION BEGINS - NEW COURSES AND FACULTY MEMBERS.

RELEASE: FOR SUNDAY, SEPTEMBER 14, 1941.

Illinois Institute of Technology, beginning its second year under the new name, will open registration for engineering, architecture, and the arts and sciences tomorrow, Monday, September 15, 1941. Registration for day school students will take place during the day and until 5 o'clock in the evening. Night school students will register from 6 o'clock until 9 o'clock in the evening on both campuses.

Early registrations for day school studies in engineering indicate an increase in enrollment for the Armour College of Engineering division, which is located on the south side campus. This is the old campus of Armour Institute of Technology. It is expected, according to Registrar W. E. Kelly, that there will be an advance in registrations amounting to 10 per cent.

According to the new plan for the Lewis Institute of Arts and Sciences division of the Institute, located on the West Side campus, formerly that of Lewis Institute, before the consolidation of Armour and Lewis Institutes, the semester plan will be in use. Formerly, Lewis Institute operated on the quarter system. The change has been made to facilitate registration and operation placing both divisions of the Institute under the same system.

All new students in engineering, architecture, and the arts and sciences will register tomorrow. This includes freshmen and those coming to the Institute with

On Tuesday, Wednesday and Thursday, all new students will take orientation examinations and receive assignments to student orientation groups for familiarization with institutional activities, policies and programs. On Friday, September 19th, all returning students will register. Classes begin the following Monday, September 22.

Registration for night school classes, in a wide variety of subjects will continue throughout the coming two weeks. Faculty counsellors will be available each evening from 6 until 9 o'clock for the purpose of assisting students plan their studies either for degree work or for special study leading to knowledge of a specific field in which they are employed. Registration on Saturdays closes at 4 p.m.

According to the Dean of the Evening Session, H. P. Dutton, the Institute again will offer a program of evening study, extending over a period of seven to eight years, during which the student may, exclusively through night study, obtain the degree of Bachelor of Science in engineering, or the arts and sciences.

Collectively therefore, this is the broadest teaching program in the history of the Institute. Enrollment of some 7,000 day and evening school students is expected. In order to meet the demand for increased facilities, staff and equipment, the summer of 1941 has been spent in adding replacement to equipment and staff and augmenting curricula to meet the need for new studies. Two new departments have been created and a third has been completely reorganized.

The new departments are engineering drawing and industrial engineering. Head of the engineering drawing department will be Dr. H. C. Spencer, 6139 S. Kenwood Avenue, who comes to the Institute from the position as head of engineering drawing at Texas Agricultural and Mechanical College (College Station, Texas), H. P. Dutton, with the Institute since 1933 and Dean of evening sessions, professor of business management and chairman of social science, becomes head of the department of industrial engineering.

Completely reorganized is the department of home economics of the Lewis division of the Institute. New department head is Dr. Ruth C. Clouse, former nutrition expert

for the American Medical Association.

On the Armour campus, where all engineering studies have been centered, with the exception of a few freshman courses to be given on the Lewis campus, a new option in aeronautical engineering has been established. This makes the Institute the sole engineering school in the State of Illinois and the middle-west to offer such a program leading to the Bachelor of Science degree. Present sophomore engineers (civil or mechanical only) may elect the aeronautical option next year.

In the architecture department, a fifth year has been added to the degree program, calling for specialization in architecture and city or regional and city planning. The work in city or regional planning will be conducted under the supervision of Ludwig K. Hilberseimer, world authority on the subject.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: PLACEMENT FIGURES FOR 1941 GRADUATING CLASS OF ARMOUR DIVISION OF ILLINOIS TECH; 99.44% PLACED; MOST OFFERED MANY JOBS.

FOR RELEASE: THURSDAY, SEPTEMBER 11, 1941.

Like a famous brand of toilet soap, the 1941 graduating class of Armour College of Engineering division of Illinois Institute of Technology can claim to be 99.44% pleasing to its public.

This appeared today on announcement of John J. Schommer, director of placement, that such a percentage of the Institute's June class of the South-side campus had received positions in industry, with a majority of members offered at least five jobs.

Only one man, a graduate of the chemical engineering department, remained unplaced, and he of his own volition. His parents refused to allow him to work in Washington, D. C.

Architectural students, and civil, electrical, fire protection, mechanical engineering and engineering science students were placed 100% according to their departments. One hundred and ninety, in a class with one coed, had received diplomas.

The average initial monthly salary was $139.90, as against $100 paid in 1938, $110.82 in 1939 and $119.20 in 1940. Architects average pay this year was $142.78, chemical engineers $139.93, civil engineers $136.92, electrical engineers $137.47, fire protection engineers $135, mechanical engineers $142.68, and engineering science students $130.

Average initial salary paid 16 graduate students placed was $156.77. One hundred and fifty-six firms interviewed the 1941 graduates. Exclusive of the class of 1941, 596 positions, only 82 of which were part-time, were found for other Armour division students.

"The Institute's placement department has broken several of its records this year," Schommer said in releasing the statistics.

"The largest number of placements in the history of the college have been made. The highest initial, average monthly salary has been obtained. The largest number of potential employers visited the placement office. The largest number of alumni placements were made."

In the alumni placement field, many job changes involved positions of greater responsibility and, in many instances, greatly increased salaries, Schommer said. Often the offer of another position brought to the placement office registrant advancement in rank, increased salary and bonus.

Success of the placement department this year was due the emergency arising from total rearmament of the nation, Schommer declared.

One student, Donald Crego, 6128 Dorchester Avenue, who graduated in mechanical engineering, had twenty interviews and fourteen offers of positions. He chose the Crane Company, 4100 S. Kedzie Avenue, where he is employed in the research department.

No member of the June class, however approached the record of a student who graduated in February, 1941,after a five year mechanical engineering cooperative course and took employment in a Michigan automobile factory as a die designer at a salary of $325 per month.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: EVENING SCHOOL OF ILLINOIS TECH
OPENS NEXT WEEK; GRADUATE DIVISION
HAS VARIETY OF EVENING CLASSES.

FOR IMMEDIATE RELEASE

School bells will ring out for approximately 3,500 students of the evening division of Illinois Institute of Technology beginning Monday, September 29, to mark opening of the 1941-42 Fall semester.

Both at Armour College of Engineering (South-side) and Lewis Institute of Arts and Sciences (West-side) campuses evening division registration began last Monday, (9/15/41), to continue until Saturday (9/20/41), at 4 p.m. Graduate division registration begins tomorrow (9/22/41) and continues through Friday, including evening classes.

A sizable gain in enrollment is predicted by H. P. Dutton, 2242 Pioneer Road, Evanston, Illinois, dean of the evening division. Architecture, chemical, civil, mechanical, fire protection, industrial and electrical engineering courses will be among subjects offered at Armour division.

The Armour campus is located between Dearborn and Federal Streets at 33rd Street. Architecture classrooms are located in the Art Institute at Michigan Avenue and Adams Street. The Lewis campus is located at 1951 W. Madison Street, at the corner of Damen. Day school opens at both Lewis and Armour tomorrow.

At Lewis campus metallurgy, as a part of chemical engineering, basic mechanical engineering subjects and mechanics will comprise engineering subjects offered. However, physics, chemistry and mathematics, prominent on the Armour curricula as well as its full scope of engineering subjects, will also be taught at Lewis, accenting the full liberal arts program given.

Pre-professional, vocational and business courses have been traditionally popular in the evening division at Lewis. The newly reorganized home economics course, containing this year for the first time applied arts classes, will be featured for business girls who wish to learn at night.

Earliest classes at Armour start at 6:20 p.m. and at Lewis at 4:20 p.m. Graduate school classes on the average begin at 7 p.m., some commencing at 6:30 p.m. For a few graduate subjects instruction is on Saturdays from 10 a.m. to 12 noon.

Reflecting the addition of industrial engineering and engineering drawing departments as new degree-earning fields at Armour division, a large demand for classes in both is expected. Dean Dutton said that national defense demands will cause increased interest not only in all engineering subjects and related sciences but in such courses that relate to the marketing, production and management phases of industry.

Among architecture courses, that in analysis of function, planning and design is likely to prove of great popularity. Taught by Ludwig Hilberseimer, 3017 E. 78th Street, professor of city planning, the course will have immediate relation to problems concerning reconstruction of urban areas.

Hilberseimer, famous throughout Europe when connected with development of new housing projects in great German and continental cities, came to Illinois Tech's faculty in 1938. The vast upbuilding of European cities to be called for following the current war, and the general rehabilitation of American cities called for under national zoning commissions, will create a market for architects adapted to modern methods, authorities believe.

General engineering subjects, considered difficult for study even by full-time, day students, are taught at Armour division evening school on a seven-year plan that is, on its record, more than successful.

Since union of Armour and Lewis campuses in July, 1940, quite commonly students have taken the first three years of their seven-year course at Lewis division and then switched to Armour. This has proved to be an immense geographical advantage to potential engineers living on the West Side.

Elements of fire protection engineering and insurance practice will be two courses taught in the department of fire protection engineering. Industrial management, beginning and advanced economics, time and motion study, and business policy will be taught in the industrial engineering courses.

For students wishing to pursue work but not take credit for it, Armour evening courses have always been adaptable. In the last six months, however, some of this type of student have enrolled in free, non-credit engineering defense training courses sponsored by the Government.

There will be no evening engineering defense training classes beginning concurrently with the first evening semester this Fall, however, and regular courses in mechanical engineering such as machine tool work, welding, mechanism and advanced machine design, will serve many high-school graduates anxious to advance themselves in their respective factories and plants.

A large portion of night students at Lewis each year are school teachers anxious to complete degree programs after graduation from normal schools. This year a wide variety of education and psychology courses will accommodate them.

"Adjustment and Guidance of Secondary School Pupils" will be taught by Butler Laughlin, 7401 Bennett Avenue, nationally-famous educator. "Production of Radio Programs," "Radio in Education," and "Radio Writing," will be a trio of subjects streamlined to offer the latest techniques for progressive pedagogues.

"Methods of Teaching Hobbycraft" and "Educational Psychology," as well as three courses in home mechanics laboratory, will be given.

Dr. Victor Jones, formerly lecturer of the University of California on government problems and a consultant nationally on civic administrations, will teach a course at Lewis campus in the political and social science department on "Municipal Organization

In the same department Marcel W. Fodor, 1205 Sherwin Avenue, professorial lecturer in social science, will offer "Problems of Reconstruction." Famous as a European journalist, having worked for The Manchester Guardian and as a correspondent for the Chicago Daily News, Fodor is an outstanding authority on Balkan issues and the sociological significance of the current continental struggle.

Twenty-nine courses, covering the field of physics and chemistry, civil, electrical, mechanical and industrial engineering, with some research subjects in mathematics, will be offered in the evening graduate school.

Dr. L. R. Ford, 5600 Dorchester Avenue, professor of mathematics and department chairman, will give a course in differential equations. Professor W M. Davis, assistant professor of mathematics, will conduct a course in "Mathematics of Statistics

Professor John I. Yellott, 5000 Cornell Avenue, professor of mechanical engineering and department chairman, will teach steam power plant engineering.

A course in food technology will be taught by Dr. C. Robert Moulton, 5172 S. Kenwood Avenue, consulting editor of The National Provisioner. Dr. R. E. Schaad, 182 Akenside Road, Riverside, Illinois, research chemist for the Universal Oil Products Company, will give a course in chemistry of petroleum hydrocarbons. A course in organic plastics will also be offered.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: UNIQUE ALUMNI GROUP FORMED FROM ENGINEERING DEFENSE TRAINING COURSE AT ILLINOIS TECH; MEETS MONTHLY.

FOR IMMEDIATE RELEASE

A most unusual alumni group has come into being among men of the Chicago area who sang no school or fraternity songs together, paid no tuition for the privilege of knowing each other, received no credits for their school work, and would not have been seen with a prom queen if bribed.

Ties that bind members of the Industrial Management Forum of Illinois, as the group calls itself, were formed in classrooms of Illinois Institute of Technology. The Institute and the United States Office of Education were their scholastic godparents. The fraternity they belonged to was that of hard work.

They were twenty members of Class 15 C in the first engineering defense training Program at the Institute. It began January 6 and concluded fifteen weeks later. Each Tuesday and Thursday at 6:30 p.m. they met at Lewis campus, to sit for two hours during a course in industrial management.

All of them holders of day jobs as supervisors or foremen in plants and factories with defense orders, they were always tired and sometimes almost enervated by the time they had rushed to school. But something in the manner of J. V. Swanson, 141 Clinton Avenue, Elmhurst, Illinois, their teacher, riveted their attention. He is employed by International Harvester Company as director of training.

Today A. E. Stahnke, 6750 N. Oconto Avenue, president of the Forum since its organization in June, and by day a methods engineer for the Bell and Howell Company, attributes the inspiration of the group to Swanson.

"He taught his class so well it decided to keep on meeting after graduation," Stahnke says.

The Forum gathers once a month at the Oak Park Arms Hotel. Dinner and monthly dues cost a dollar. Soup is served at 6:30 p.m. and each meeting is concluded by 9:30 p.m. Since all but one member are married men, the breaking-up hour is rigidly adhered to, since, as a Forumite put it, "there is no such thing as domestic engineering."

Featuring each meeting is a conference of a pair or more members, or a lecture by a single one, on a phase of industrial management. A blackboard is used, the speaker, or speakers, adhering to strict classroom attitudes to convey the subject.

Topics covered thus far have been typical of the sort these adult minds, devoted to self-improvement and steady in convictions that America is the domain of the enterprising and resourceful, would interest themselves.

"How to Conduct An Interview," "Are Accidents Sabotaging Your Defense Orders?", and "Do Incentive Wage Plans Favor the Management or the Worker?" have helped to send Forumites home, the meeting over, still arguing their respective convictions.

Learning to think on his feet, the ability to express abstract thought in concrete, graphic fashion, and facility in holding attention of his audience are among benefits each derives from these extra-curricular educational soirees.

The educational portion of a meeting is so balanced each member must, by reason of his presence, contribute some thought to the general discussions. No textbooks are employed but notebooks in front of listeners are often extensively employed to catch an outline of each point.

Swanson's willingness to compile his notes for the engineering defense training course in the form of a mimeographed booklet has spurred members to keep complete notes

on meeting discussions.

Many employment officers and other officials of companies over the nation have requested copies of the booklet. Interest in the Forum, on the part of men who have heard of it only by word of mouth, is such that several applications for membership have been made.

Bylaws of the group allow "outsiders" to join if they are, or have been,"engaged in the direction of any phase of shop management." The "improvement of its members as industrial executives and the advancement of shop management" are the formal aims of the Forum.

The enthusiasm of Stahnke and other Forumites for the programs of engineering defense training conducted at the Institute is unbounded.

Vernon Stahnke, his eldest son, a June graduate of Schurz High School, entered a course in metallurgical inspection during the third or summer engineering defense training program offered at the Institute. Very soon he expects to take a position in an airplane engine manufacturing plant in the Chicago area.

Others of the Forumites have recommended engineering defense training courses to friends and relatives. A few of them, time permitting, plan to enroll for impending evening courses. More than half of them have gained increased salaries or some form of bonus or reward for having completed the training received free at the Institute.

Officers of the Forum other than Stahnke are D. J. McGinnis, 3121 79th Avenue, Elmwood Park, vice president; Robert C. Goold, 5604 Middaugh Avenue, Downers Grove, Illinois, secretary; and Ernst F. Engstrom, 1410 S. 3rd Avenue, Maywood, Illinois, treasurer.

Goold, a 1937 graduate of Michigan State Normal College, Ypsilanti, and holder of a masters degree from the school of business education of the University of Michigan, Ann Arbor, is a supervisor at the Goodman Manufacturing Company.

McGinnis is a supervisor at Electrical Research Laboratories, Inc. A similar position is held by Engstrom at the Everhot Manufacturing Company.

A board of control for the Forum, which selects topics of discussion for meetings and reviews administrative matters, is composed of Stahnke, Engstrom, McGinnis and the following:

J. Q. Mosbarger, 1828 W. Diversey Avenue, the Stewart-Warner Corporation; W. R. Norton, 2448 N. Major Avenue, Continental Can Company; and H. W. Reeve, 1435 Cuyler Avenue, Berwyn, the Gregory Electric Company.

Other Forum members, and their respective employment affiliations, are:

A. H. Anderson, 1340 Hollywood Avenue, Powers Regulator Company; R. L. Becker, 4716 Belle Plaine Avenue, Electrical Research Laboratories, Inc.; W. M. Bell, 1309 Barry Avenue, Eversharp, Inc.; A. H. Bergstrom, 2017 Ridge Avenue, Electrical Research Laboratories, Inc.; J. L. Conaway, 363 E. 70th Place, Russell Company; H. S. Courtney, 4821 Pensacola Avenue, Eversharp, Inc.;

E. A. Davison, 4600 S. Sawyer Avenue, Wilson and Bennett Manufacturing Company; C. H. Deffner, 4721 Greenleaf Avenue, Eugene Dietzgen Company; Marino Malone, 2404 W. Superior Street, Electrical Research Laboratories, Inc.; A. B. Schneider, 705 N. Mayfield Avenue, Crane Company; C. B. Schmidt, 1615 S. East Avenue, Berwyn, Illinois, International Harvester Company; J. A. Stehno, 1417 S. Kostner Avenue, Crane Company; and J. J. Weighbill, 4228 S. Richmond Street, Crane Company.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: DR. VICTOR JONES, AUTHORITY ON MUNICIPAL GOVERNMENTS, GIVES COURSE AT LEWIS DIVISION OF ILLINOIS TECH.

FOR RELEASE: WEDNESDAY, SEPTEMBER 17, 1941

"Municipal Organization in the Chicago Metropolitan Area" is the title of a course to be given in the evening division of Illinois Institute of Technology during the Fall semester by Dr. Victor Jones, assistant professor of political science.

To be taught at Lewis division of the Institute Tuesdays from 6:20 p.m. to 8 p.m., the course will begin September 30. The evening division semester begins Monday, September 29, at Lewis and Armour campuses.

Dr. Jones will explore the social, economic and historical background of Chicago's many governments. The organization, functions and interrelationships of the United States, Illinois, Cook County, sanitary district, park district, and city wards will be examined minutely.

Traction, transit, consumer prices, priorities as they relate to the city's industry and politico-socio patterns, the city manager plan, the place of newspapers in Chicago's municipal progress, parties and elections and the relation of local problems to national defense will be considered.

The place of a board of education in the life of a metropolis, and the government of Chicago's suburban municipalities will be developed.

Dr. Jones was born in Birmingham, Alabama, in 1909. He received an A.B. from Howard College, Birmingham, in 1932. His doctorate in political science was given by the University of Chicago in 1939. In 1939 and 1940 he was lecturer in the department of political science at the University of California, Berkeley, and an instructor in its extension division.

First teaching as an instructor of English in the preparatory school at Coyoacan, Mexico, from January to November of 1931, he resigned to become instructor of political science at Howard College, where he remained to 1934.

Dr. Jones came to the University of Chicago for graduate work in 1934, doing research under Dr. Charles E. Merriam. In the summer of 1935 he taught in University College of the University. He was an instructor in the home study department of the same institution from September, 1937, to the following August.

In September of 1938, Dr. Jones came to the University of California as a research associate in its Bureau of Public Administration. He is a member of Pi Kappa Tau, the American Political Science Association and the American Society for Public Administration.

A frequent contributor to political science and general publications, Dr. Jones is author of "Metropolitan Government," scheduled to be published by the University of Chicago Press in January.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: REGISTRATION WEEK AT ILLINOIS TECH; FRESHMEN TAKE ORIENTATION TESTS; STUDENT ASSEMBLIES; FRAT RUSHING.

FOR IMMEDIATE RELEASE

A booming freshman enrollment, eclipsing past attendance records as national defense needs spur engineering studies, is indicated today (9/19/41) as a frenzied registration week comes to a close at Illinois Institute of Technology.

Freshmen, who Monday reported for registration and enrollment at Armour and Lewis campuses, matriculated in numbers that will exceed by 10 per cent the figure for the comparable semester last year, W. E. Kelly, registrar, said.

The 1940-41 figure was 426 for Fall semester freshmen while that of the incoming class will probably reach 470 by the time school begins Monday morning.

A majority of new students, except incoming graduate students, will have registered by tonight. The major portion of the week, however, has been occupied by activities designed to orient freshmen to scholastic and social realities of the Institute.

One freshman, slightly less bewildered than his mates, is Earl Simanek, 3412 N. Avers Avenue. A graduate of Lane Technical High School's class of 1938, Earl in 1940 finished a two-year liberal arts course at Wright Junior College. He came to Armour College of Engineering because he wants to be a civil engineer.

"If a fellow is willing to work hard, he can today take at least one course of study of greatest benefit to himself and the country," said Earl, a thoughtful-20-year-old, who works evenings in a Loop clothing store as a salesman.

"I think that to be an engineer in times like these is the most adventurous, and probably the best-paid, professional job one could have."

Earl's mind, though it has a firm grip on facts of the business world in which he earns his tuition, is that of the normal undergraduate in its enthusiasms. Sports, fraternity life and student activities beckon as a means of satisfying his craving to be a prominent-man-on-campus.

With other freshmen Earl lined up Monday in the long queue running to the desk of W. E. Kelly, registrar. Checking of academic credits, filing of application forms and receipt of tuition, laboratory breakage and student activities bills took up about twenty minutes of each student's time.

Further registration with his department head, who advised him of classes to take or omit depending on his scholastic background, kept Earl busy the balance of the forenoon. In the afternoon he was part of a line stretching the length of the second floor of Armour's Main building. Earl counted and recounted items of his fee sheet.

Finally, when the line by fits and starts had moved Earl up to the wicket window of Henry B. Watson, business office assistant, the perspiring freshman pulled his check book from his coat pocket and cancelled financial obligations to his new alma mater.

"I worked hard for this dough," Earl said to Watson.

"Then you'll know how to make it count," Watson replied.

Tuesday morning Earl sat in one of several lecture halls and underwent the first of a series of exhaustive tests that proposed to orient him scholastically. What his mark will be, he won't know for several weeks. Each year the intelligence denominator of the freshman class is a topic of conversation for students as well as faculty.

Tuesday morning Earl also heard President H. T. Heald address a freshman assembly in the Student Union auditorium. In the afternoon he took further orientation tests. Concluding tests of the same stripe were held Wednesday until noon.

At noon Wednesday fraternity luncheons and other Greek letter social events got under way in earnest. Earl, whose class average in high school and junior college was among those of leaders, and who at Lane Tech won a major letter as a half-miler in track and was captain of the fencing team as well, seems a likely prospect for any of eight fraternities at Armour campus.

Earl had lunch at the Pi Kappa Phi house, 3337 S. Michigan Avenue, early in the week, was pledged by them, and will wear their pledge pin during the first semester. If his scholastic progress satisfies the office of the dean, and he is acceptable to the fraternity, he will be made a full-fledged member in February.

When any freshman, such as Earl, weighing approximately 170 pounds and about 5 feet 10 inches in height meanders about Armour campus he is likely to be accosted by Bernard Weissman, assistant athletic director. Earl, who looks like the athlete he was in high school, has promised Weissman to turn out for track and fencing.

Earl was among squads of freshmen put under a group leader, who conducted his yearling charges about the campus and explained points of interest and matters of tradition and procedure. He learned of the proposed $3,000,000 worth of buildings the Institute is contemplating and inspected two square blocks of property now being cleared of old buildings prior to the erection of Technology Center, as the new campus will be known.

At the Pi Kappa Phi house Earl was put to polishing the somewhat stained Greek letters that identify the building. It is among the many menial tasks he and other pledges will be asked to perform before they are admitted to complete membership.

But the real business of his coming to Armour College of Engineering of the Institute, school work, will occupy Earl completely beginning Monday, September 22. At 8:30 a.m. that day he will be among a motley group of green-capped freshmen who stroll into classrooms and take their seats in a what is a new world.

-JGM-

941-17

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ATOM SMASHER AT ELECTROCHEMICAL EXHIBIT
OCT. 2, 3 , 4, 1941 - Knickerbocker Hotel

FOR IMMEDIATE RELEASE

Because a man said to himself, "I JUST WANT TO KNOW", Illinois Institute of Technology's physics department is spending some $5,000 on the initial cost of an electrostatic generator, more commonly known as an ATOM SMASHER.

The man is research physicist, Dr. W. R. Kanne, 931 Hyde Park Blvd., assistant professor of physics at the south-side engineering school. He had ideas about the nucleus of the atom that started him on his investigations in the middle 1930's and led up to the construction of an apparatus that looks weird, promises to be exceptionally effective and weighs about 4 tons. It will probably come closer to being the world's smallest, rather than the world's largest ATOM SMASHER.

When the apparatus is completed, Dr. Kanne will bombard the atom with a stream of energy in the magnitude of 10,000 miles per second. He will learn, he expects, more about the mechanical properties of the nucleus of the atom, what holds it together, and what happens when certain forces are upset within its being. From such investigations, with sufficient factual data, it may be possible to predict nuclear actions for a host of varying conditions.

He is a tall, lanky individual who talks about theory of nuclear physics with the words of an expert, yet he doesn't miss the importance of its practical application. He emphasizes the point however, that he is primarily interested in learning,

by means of experiment and fact-finding, about the properties of the nucleus of the atom.

Dr. Kanne explains that, at the present time, ATOM SMASHERS have a good field of application in medicine, biology and in chemistry - he plans investigation upon the nucleus of the atom itself, not especially directed toward industrial application. However, factual data, experimental facts may, during the process of his investigations, result in certain important and startling industrial applications.

A model of Dr. Kanne's ATOM SMASHER is now almost complete and will be on display next week during the 80th meeting of the Electrochemical Society. The meeting will be held in the Knickerbocker Hotel, October 1st to 4th, with many of the members exhibiting equipment and processes used in the electro-chemical field. Illinois Institute of Technology will be one of several colleges and universities represented with the educational exhibits.

Dr. Kanne began investigating the action of the atom nucleus while studying for his doctorate degree at Johns Hopkins University in 1935. At that time he worked with a natural source of radiation, POLONIUM, bombarding alumninum. Later, he joined the staff of the University of Wisconsin and for a while worked with the famous theoretical physicist, Dr. Gregory Breit. His work at the Badger State school was a direct investigation of "the forces that hold together the nuclear particles of the atom." He joined the staff of Illinois Institute of Technology in the fall of 1940 as an assistant professor of physics and began his research work at the Institute at that time.

Just what his "electrostatic generator" will accomplish in the investigation of the nucleus of the atom, Dr. Kanne is reluctant to admit - for, he says, "I don't know!" Several of his colleagues throughout the United States are conducting investigations, each directed toward a specific objective. They are all more or less in the dark, so to speak.

Dr. Kanne explains his researches by drawing an analogy between "atom-smashing" physicists and blind men who, not having an adequate sense of feeling, grope for knowledge by, relatively speaking, bouncing balls against a wall, and by the type, shape or form of the rebound, draw a mental picture of what shape the walls may be. "Atom-smashing", he reiterates, is somewhat the same process.

"We generate a stream of energy particles, accelerate them to very high velocities and bounce them against certain materials we know, and by the deflections or rebounds we attempt to determine some of the properties of the atom. This is one of the important types of nuclear experiments."

Just how Dr. Kanne will conduct his experiment is illustrated to some extent by the model of his ATOM SMASHER, to be exhibited this week at the Electro-chemical Society Show in the Knickerbocker Hotel. The real thing, housed at the Institute's south-side campus, is a much more impressive-looking piece of apparatus. Looking much like a decompression chamber, it weighs approximately 4 tons, complete with electrical equipment. Costing thus far some $5,000, it is expected to develop a stream of concentrated energy of from one and one-half to two million volts.

The high voltage and the relatively small size of the apparatus are among its chief unusual general characteristics. Its chief scientific characteristics, so far as planne investigations are concerned, is the fact that the speed of emmission of the energy can very accurately be determined and controlled, and varied according to the taste of the investigator.

Contrary to common belief, the scientist investigating the atom by means of electrostatic generators, in which class the famous CYCLOTRONS fall, is not looking for a large spark. This latter, in fact, according to Dr. Kanne, is just what the scientist is guarding against.

The apparatus developed by Dr. Kanne is small because of the fact that actual energy accelerating and production is carried on a tank where a pressure of some 150 pounds per square inch is maintained. This makes it possible, without the use of huge

equipment, to develop energy in the order of magnitude of one to two million volts necessary to bombard the atom.

Although the actual process of developing the high voltage is a complex one, a few of the principles should be mentioned. Externally created energy of approximately 50,000 volts is introduced to the tank, sprayed upon an ordinary canvass belt, and carried the length of the tank to the high voltage electrode at the other end. The entire system, perfectly balanced electrically, permits the development of the high voltage in a small space. The stream of energy, concentrated by what Dr. Kanne calls an "accelerating tube," is drawn from the electrode and directed towards the control end of the apparatus at a speed of approximately 10,000 miles per second.

The "tagged atoms," produced by the techniques of nuclear physics, according to Dr. Kanne, have particularly use where minute quantities of material, or great dilutions are involved. Metallic diffusion and self-diffusion have been given considerable study with these techniques.

"The corrosion factor in steam boiler tubes, the rate of reaction in the formation of slag in blast furnaces, and the rate of solution of carbides on high temperature annealing have been studied," according to Dr. Kanne. "Tracer isotopes have been useful in rapid and accurate routine analysis.

"The radiations produced by such high voltage apparatus has made industrial radiography far more versatile than heretofore," he emphasized.

The field of nuclear physics has brought the solution of many problems in remote fields. The gaps in the periodic table have been filled, and surprising chemical properties of the new elements have been discovered. The action of vitamins have been studied.

"The importance of this field," according to Dr. Kanne, "will undoubtedly be more far reaching than that of X-rays, and it is hoped that the work being developed at Illinois Institute of Technology will contribute to this rapidly growing technique."

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: LAST WEEK OF REGISTRATION FOR EVENING DIVISION CLASSES AT ILLINOIS TECH; FODOR COURSE NOTABLE.

FOR RELEASE: MONDAY, SEPTEMBER 22, 1941

The last week of registration for classes in the evening session of Illinois Institute of Technology commences today (9/22/41) as an inviting array of courses awaits students for whom school starts next Monday evening.

Notable among approximately 185 classes to be divided into undergraduate subjects at Lewis campus and undergraduate and graduate subjects at Armour campus is that to be offered in the department of history, political science and sociology under the title of "Problems of Reconstruction."

Marcel W. Fodor, professorial lecturer in social science, will teach the course, to be given Mondays at Lewis division, 1951 W. Madison Street, from 6:20 p.m. to 8 p.m. DOROTHY THOMPSON, WILLIAM SHIRER, PAUL van ZEELAND and GRAHAM HUTTON will compose a quartet of guest lecturers, each to appear singly for one class session under Fodor's sponsorship.

Miss Thompson and Shirer, famous foreign correspondents and political and radio commentators, and van Zeeland and Hutton, the former the last "free" Belgian prime minister and the latter an internationally-famous figure as editor of The London Economist, have not as yet set dates for their lectures because of the press of heavy schedules. Announcement will be made shortly of individual appearances.

Immense interest centers in circumstances by which the appearance of the guest lecturers was made possible. Fodor, famous correspondent from Vienna, Bucharest

and Budapest and other world capitals for The Manchester Guardian, The Chicago Daily News and other publications, came to know each in the line of journalistic duty. He joined the Institute's faculty in 1940.

Dorothy Thompson, whose writings have reflected the influence of Fodor's thought, particularly where they have concerned the Balkan section of Europe, acknowledges Fodor as fostering her inspiration.

She attended Lewis Institute(a year ago joined with Armour Institute of Technology) in 1910-11. By a coincidence, she will be teaching in the same classroom where once she was a pupil.

William Shirer, former Chicago Tribune foreign correspondent, well-known for his commentating over Columbia Broadcasting System since 1937, and author of the best-selling Berlin Diary, is a native of Chicago. His latest book refers to Fodor and the latter's wife, Martha.

Paul van Zeeland, former prime minister of foreign affairs and exterior commerce of Belgium, and notable for his wide experience with practical economic problems, is now living in the United States as a refugeefrom Hitler terror.

Graham Hutton, recently made director of British press information in Chicago, has had a distinguished career as a journalist, author and economist, practical and theoretical. Under Sir Walter Layton he was assistant managing editor of The London Economist for many years.

Many interesting courses will be given at Armour campus, located between Dearborn and Federal Streets at 33rd Street.

Reflecting the addition of industrial engineering and engineering drawing departments as new degree-earning fields at Armour division, a large demand for classes in both is expected. National defense demands have caused increased interest not only in all engineering subjects and related sciences but in such courses as relate to the marketing, production and management phases of industry.

Among architecture courses to be taught at the Art Institute, that in analysis of function, planning and design is likely to prove of great popularity. Taught by Ludwig Hilberseimer, professor of city planning, the course will have immediate relation to problems concerning reconstruction of urban areas.

Hilberseimer, famous throughout Europe when connected with development of new housing projects in great German and continental cities, came to Illinois Tech's faculty in 1938. The vast upbuilding of European cities to be called for following the current war, and the general rehabilitation of American cities called for under national zoning commissions, will create a market for architects adapted to modern methods, authorities believe.

General engineering subjects, considered difficult for study even by full-time, day students, are taught at Armour division evening school on a seven-year plan that is, on its record, more than successful.

Since union of Armour and Lewis campuses in July, 1940, quite commonly students have taken the first three years of their seven-year course at Lewis division and then switched to Armour. This has proved to be an immense geographical advantage to potential engineers living on the West Side.

Elements of fire protection engineering and insurance practice will be two courses taught in the department of fire protection engineering. Industrial management, beginning and advanced economics, time and motion study, and business policy will be taught in the industrial engineering courses.

For students wishing to pursue work but not take credit for it, Armour evening courses have always been adaptable. In the last six months, however, some of this type of student have enrolled in free, non-credit engineering defense training courses sponsored by the Government.

There will be no evening engineering defense training classes beginning concurrently with the first evening semester this Fall, however, and regular courses in mechanical engineering such as machine tool work, welding, mechanism and advanced machine design, will serve many high-school graduates anxious to advance themselves in their respective factories and plants.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY- VIC. 4600
CAL. 2409

RE: RUSHING WEEK ACTIVITIES AT LEWIS CAMPUS OF ILLINOIS TECH; COEDS IN SOCIAL AND ACTIVITIES WHIRL; CLASS ELECTIONS.

FOR IMMEDIATE RELEASE

Fever-heat social and undergraduate activities marking the early-semester cycle of events of Illinois Institute of Technology at Lewis campus subside this week leaving sorority rushing class elections and other high spots part of school history.

Coeds, fresh from apparel shops of the Loop and fitted out in the latest of collegiate attire, have for three weeks scrutinized the freshman class for likely sorority prospects. Sorority teas at which freshman girls were guests were held by Kappa Phi Delta, Phi Beta Pi, Sigma Beta Theta and Sigma Omicron Lambda.

The Pan-Hellenic Council, a union of all sororities, Wednesday (10/1/41) sponsored its annual tea, where good-sistership flowed with the punch. A reception line in which Violet Tukich, 13521 Brandon Avenue, president of the Council, was the mainstay, ran the length of the applied arts department's beautiful social room.

Sorority activities will be in a state of suspension until the middle of November when pledging announcements will be made. Meanwhile, determination of school leaders for the year became clear with announcement of results of class elections held Thursday (10/2/41).

Stephen Mendak, 2013 W. Iowa Street, was named senior class president. Other senior officers are: Florence Moss, 7830 S. Morgan Street, vice president; Anne Anderson, 5025 W. Erie Street, secretary-treasurer; and Sylvia Weislo, 4156 Archer Avenue, student activities chairman.

Arthur Petterino, 4820 W. Kammerling Avenue, was named junior class president. Other junior officers are: Harry W. Carlson, Jr., 1100 N. Humphrey Avenue, Oak Park, Illinois, vice president; Violet Tukich, 13521 Brandon Avenue, secretary; John Halloran, 4643 Emerald Avenue, treasurer; and Dorothy Giambelluca, 4416 Dover Street, student activities chairman.

Richard Johnson, 1632 15th Avenue, Maywood, Illinois, was named sophomore class president. Other sophomore officers are: Florence Bartusek, 2537 S. Drake Avenue, vice president; Blanche Fried, 5639 W. 26th Street, secretary; Richard Kerns, 10412 Hamilton Avenue, treasurer; and Marilynn Johler, 2536 Prairie Avenue, Blue Islan Illinois, student activities chairman.

John Schaffer, 6450 Kenmore Avenue, was named freshman class president. Other freshmen officers are: Helen Gordon, 6751 Hiawatha Drive, vice president; Irene Ptak, 1613 W. 19th Street, secretary; and Bert Goldman, 815 Drexel Square, student activitie chairman.

Among coeds enrolled at the Institute who came from considerable distances were twins, Louise and Jacqueline Cadwell, who are living in the women's dormitory of Lewis campus at 1952 W. Monroe Street.

Natives of Chicago, the girls are eighteen years old. They graduated from Harper High School, spent their freshman year at Mexico City College and the summer semester at the University of Mexico, Mexico City. They are sophomore liberal arts students at Lewis.

Each is an expert archer, having studied the sport in Mexico City, where it is commonly practiced. Both have considerable ability as linguists and hope to teach Spanish and English when graduated. They are members of Kappa Phi Delta Sorority.

Among freshmen women students is Viola Sievers, 3108 77th Avenue, Elmwood Park, Illinois. Winner of a scholarship to Lewis from Schurz High School, Viola ranked eighteenth in her high school class of 710. She was active in dramatic societies and acted as director as well as player. Her high school average was 96.2 for three and one-half years. She will take the home economics course.

Another outstanding freshman is Ann Mossner, 1804 S. 12th Avenue, Maywood, Illinois. A graduate of Proviso Township High School, Ann was recipient of a scholarship to Lewis, where she will be a chemistry major. At Proviso she ranked ninth in a class of 816, was assistant manager of the yearbook, and won a gold medal for scholarship. She was president of the Girls' Athletic Association.

-JGM-

941-23

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH FACULTY WOMEN'S CLUB HOLDS FIRST MEETING OF 1941-42 SEASON; SCHEDULES OF PROGRAMS AND EVENTS.

FOR IMMEDIATE RELEASE

The Faculty Women's Club of Illinois Institute of Technology opens its 1941-42 season with a meeting followed by a tea Wednesday (10/8/41) in the Student Union of Armour campus of the Institute.

This was announced today (10/5/41) by Mrs. Lester R. Ford, 5600 Dorchester Avenue, president, who said also the meeting probably would have the largest attendance in the club's history. Addition of approximately two dozen faculty members with the Fall semester has brought membership past last season's two hundred and fifty mark.

Details of first semester programs of two units within the club, the Literary Forum and the Welfare Service Group, were announced by Mrs. Ford. At a pre-season meeting of the organization's board of directors two weeks ago committee chairmen formulated plans extending through January.

Wednesday's meeting begins at 2:30 p.m., with tea poured at 4 p.m. Mrs. Rufus Oldenburger, 1635 E. Hyde Park Blvd., an accomplished musician, will speak on the life and compositions of the late Ignace Jan Paderewski. Faculty members may attend the tea, to be held in the East Room of the Union.

Regular meetings of the club are held on the second Wednesday of each month. The Literary Forum meets the last Thursday of each month and the Welfare Service Group monthly each second Monday.

The program of the Forum includes a meeting October 30 at the home of Mrs. Oldenburger. Mrs. Bernard Weissman, 1451 E. 86th Street, will review an opera to be seen by the Forum's members.

A play review, preceding attendance at a legitimate drama to be determined, will take place in November. As there will be no Forum meeting in December, a January book review meeting, at which Dr. S. I. Hayakawa, 1715 E. 67th Street, assistant professor of English at the Institute, will speak on semantics, will be the following event.

Dr. Hayakawa's recent book, Language in Action, will be the subject of his review. It has been chosen Book-of-the-Month for December.

The Welfare Service Group opens seasonal activities with a meeting at the home of Mrs. Myril B. Read, 6529 S. Kenwood Avenue, chairman of the unit, October 20. Mrs. Lloyd H. Donnell, 5525 Kimbark Avenue, is chairman of the Literary Forum.

Miss Charlotte Carr, head of Hull House, is scheduled to address the whole organization at its November 12th meeting in the Student Union. Mrs. J. S. Thompson, 5710 Blackstone Avenue, will have charge of the annual Christmas program, to be held this year on December 10.

Officers for the current year are as follows:

President, Mrs. Lester R. Ford, 5600 Dorchester Avenue; vice president, Mrs. C. L. Clarke, Post Office Box 232, Winnetka, Illinois; corresponding secretary, Mrs. Raymond J. Spaeth, 8301 S. Langley Avenue; recording secretary, Mrs. Donald E. Richardson, 8146 Champlain Avenue; and Mrs. William N. Setterberg, 8136 Lafayette Avenue, treasurer.

Committee chairmen for the current year are as follows:

Program, Mrs. J. B. Finnegan, 1400 E. 56th Street; ways and means, Mrs. H. A. Giddings, 7861-C South Shore Drive; membership, Mrs. C. L. Clarke; social, Mrs. J. H. Smale, 321 S. Kenilworth Avenue, Oak Park, Illinois; and Mrs. Joseph Marin, 10234 Rhodes Avenue, house.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: APPOINTMENTS TO STAFF OF
INSTITUTE OF GAS TECHNOLOGY.

RELEASE FOR: SUNDAY 10/5/4/

H. T. Heald, president of Illinois Institute of Technology, today announced the appointment of Harold Vagtborg to the Directorship of the new Institute of Gas Technology. Mr. Vagtborg is also director of the Armour Research Foundation at Illinois Institute of Technology.

The Institute of Gas Technology is a separate unit on the Armour Campus of Illinois Institute of Technology, established last June by a million dollar appropriation from seventeen leading natural and artificial gas producing companies of the United States. Its purpose is to conduct primarily a comprehensive program of graduate instruction leading to the Master's and Doctor's degrees. The appropriation provides for operating and maintenance expenses for a minimum period of ten (10) years.

Illinois Institute of Technology was selected as the site, and its administrators and educational staff selected as the working organization of the Gas Institute last June after an extensive survey of the leading colleges and universities of the United States. Actual operation of Institute begins this semester with the appointment of four graduate students.

In addition to the appointment of Harold Vagtborg, President Heald, who is also president of the Institute of Gas Technology, announced the appointment of Dr. Lincoln Thiesmeyer, geologist, to the staff of the Gas Institute as geologist and student

advisor.

Other members of the staff of Illinois Institute of Technology who are associated with the new Institute in a teaching, advisory, or organizational capacity are associate professor of chemical engineering, R. C. Kintner; research professor of chemistry, V. I. Komarewsky; research professor of mechanical engineering, Max Jacob; instructor in chemistry, Bruce Longtin; assistant professor of mathematics, J. W. Calkin; assistant professor of english, S. B. Meech; and associate professor of hydraulics, V. L. Streeter. The organization of the graduate program in Gas Technology is under the direction of Dean L. E. Grinter of the graduate school of Illinois Institute of Technology.

Fundamental and applied research pointed toward the betterment of the gas industry will be the aim of the fellows and faculty of the Gas Institute. Peak enrollment, to be reached gradually so that the students may be selected for unusual promise of research ability will be from 50 to 60 students.

Fellows remaining for the entire four year program will receive the degree of Doctor of Philosophy which has been granted to students as a part of the highly developed graduate program of Illinois Tech. The annual stipend to a fellow is $1,000. In addition, summer employment in the gas industry each summer at the minimum rate of $125 per month is virtually assured.

Harold Vagtborg, who becomes Director of the Gas Institute received his Bachelor's Degree from the University of Illinois and his Master's Degree from Armour Institute of Technology. He was professor of sanitary engineering at Armour Institute of Technology before assuming the post of Director of the Armour Research Foundation in 1937, one year after its founding. Under his direction, the Foundation has served more than 1000 companies, individuals, and associations in experimental and developmental research.

Dr. Lincoln Thiesmeyer comes to the Institute from a post as associate professor and chairman of the department of physical sciences and mathematics at Lawrence College (Appleton, Wisconsin).. He is a native of Brooklyn, New York and a graduate of Harvard University where he obtained both the Master's and Doctor's degrees in geology in 1933 and 1937 respectively. His parents (Mr. and Mrs. J. D. Thiesmeyer) reside at 27 Crescent Avenue, Summit, N. J. where he attended high school. His undergraduate studies were conducted at Wesleyan University, Middletown, Conn. (1924-28).

The fellows thus far appointed to the Institute of Gas Technology are: G. J. Lubin, University of Detroit; A. K. Mikulski, Fenn College (Cleveland); R. M. Newhall, Tufts College (Boston); and H. E. Robison, Washington University (St. Louis). These men were of high scholarship since each graduated in the upper quarter of his class in college. They are all graduate chemical engineers -- a prerequisite to the study of gas technology.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MILLION DOLLAR INSTITUTE OF GAS TECHNOLOGY OPENS DOORS; FOUR FELLOWS BEGIN STUDY; FACULTY.

FOR IMMEDIATE RELEASE

Fulfillment of the gas industry's dream of a scientifically-trained research corps, which would have educational functions as a public service, have taken a long-awaited step toward reality with opening this semester at Illinois Institute of Technology of the Institute of Gas Technology.

A million dollar grant, to be spent in minimum yearly amounts of $100,000 for ten years, was last summer advanced by seventeen leading gas companies of the nation for the specific purposes of training scholars for the gas industry, collecting and disseminating scientific information, and encouraging research within the industry.

Robert M. Newhall, 11 Keene Street, Stockton, Massachusetts, a '41 graduate of Tufts College; Henry E. Robison, 3753 Gravois Street, St. Louis, Missouri, a '41 graduate of Washington University; Alexander K. Mikulski, 9232 Rosewood Avenue, Cleveland, Ohio, a '41 graduate of Fenn College; and Gerald J. Lubin, 5004 Parker Avenue, Detroit, Michigan, a '41 graduate of the University of Detroit, are the first recipients of four-year fellowships at the new Institute.

A program of stimulating research and finding trained personnel has its concrete applications in the selection of these college graduates for study under experts at the Institute of Gas Technology. Eventually sixty similarly-selected fellows will be at school, working for M.S. and Ph.D. degrees in various fields of gas technology, when the full fellowship plan evolves.

The four fellows live, like many students doing graduate work at Illinois Institute of Technology, in the school's Graduate House, 3254 S. Michigan Avenue. Each receives $1,000 per year, for four years. Tuition, valued at $325 per year, is deducted from the award. Summer work at a minimum of $125 per month will be furnished by the gas industry.

Buildingsto house the Institute of Gas Technology as a separate unit on the Illinois Tech campus are contemplated. At present, a section of a recently-constructed research building fronting east on State Street in the 3300 block has been remodeled to serve as headquarters and classrooms for the project.

Members of staffs of two pre-existing units on the Illinois Tech's campus are a major part of the new gas research faculty. Dr. Lincoln R. Thiesmeyer, appointed student advisor of the new Institute by Harold Vagtborg, its director, is a famous geologist, Harvard-trained, and lately chairman of the department of physical sciences and mathematics at Lawrence College, Appleton, Wisconsin. His assistants will be experts drawn from the graduate school of Illinois Tech and the Armour Research Foundation at the Institute.

Equipment of classrooms and laboratories will be in several respects a departure from standard or routine uses. Because the gas industry supports no other similar institute in America, and chose the locale of Illinois Institute of Technology from among engineering schools of the land, traditions likely to influence greatly the applied as well as the theoretical phases of natural and artificial gas production and consumption are expected to be set.

The first academic use of the newly-announced "hydrobot", a $2,500 fractional analysis apparatus, equipped with high-efficiency, heli-grid packed bellows-type super-cool columns, simplifying many ordinarily separated techniques of gas analysis and treating them in a connected process, will be made at the Institute of Gas Technology.

Complete absorption gas analysis apparatus will also be installed, total equipment cost being brought to approximately $5,000. Some functions of the hydrobot will be analysis of gaseous and liquid products, natural gas, cracked refinery gas, polymerizing plant gas, water gas, producer gas and gasoline storage tank vapors.

The curriculum will include three years of academic training based on fundamental sciences and fundamental research and the equivalent of a year of academic work in the background of the gas industry. Operation, management and regulation of public utilities will be stressed.

Equipment and material for manufacture, the storage and distribution of gas, by-products of the gas industry, and management problems of the industry will be treated.

Gas chemistry will be taught by Dr. R. C. Kintner, 8833 Dante Avenue, associate professor of chemical engineering of Illinois Tech, and Dr. V. I. Komarewsky, 5439 Lake Park Avenue, research professor of chemistry at that institution.

Heat transfer will be taught by Dr. Max Jakob, 5412 East View Park, research professor of mechanical engineering at Illinois Tech. Professor Komarewsky will teach catalysis, while chemical thermodynamics will be in the hand of Dr. Bruce Longtin, 4335 Drexel Avenue, instructor in chemistry.

Dr. Victor L. Streeter of the department of mechanics of Illinoiw Tech will teach a course in fluid flow. Dr. J. W. Calkin, 1153 E. 54th Street, will teach advanced mathematics. Dr. Thiesmeyer will teach geology in several phases and Dr. Sanford B. Meech, assistant professor of English, will teach English and technical writing.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600.

RE: $500,000 IN GIFTS OBTAINED
FUND RAISING PROGRAM
TRUSTEES ANNOUNCEMENT.

RELEASE: HOLD FOR EDITIONS
APPEARING AFTER 2:00 P.M
10/9/41

Trustees of Illinois Institute of Technology today announced first efforts to raise funds designed to equip a new physical plant for the school at an estimated cost of $3,100,000. According to Raymond J. Koch, as a result of only two week's work by the Special Gifts Committee of the Board, $500,000 in gifts has already been obtained for this purpose. Mr. Koch is chairman of the Special Gifts Committee and President of Felt & Tarrant Manufacturing Company.

The announcement of the work accomplished by the Special Gifts Committee was made today, Thursday, October 9 before approximately 100 civic and business leaders of the city at a luncheon in the Chicago Club. Today's meeting was the first report meeting of that special committee which began functioning officially two weeks ago.

Original plans for the development of "a great technological center" were first outlined last January by President Heald, James D. Cunningham, Chairman of the Board of Trustees and President of Republic Flow Meters Company, and Wilfred Sykes, Chairman of the Trustees' policy committee and President of Inland Steel Company. The fund-raising program calculated to create in Chicago this great "technological center" is under the direction of Mr. Sykes, as chairman of the policy committee. Serving with Mr. Sykes on this committee are Mr. Cunningham, Mr. Heald, Charles S. Davis, President of Borg-Warner Corp., Sydney J. McAllister, chairman of the Board of the International

Harvester Company, and Harris Perlstein, President of the Pabst Brewing Company.

According to announcement of the expansion program of Illinois Institute of Technology made last January, preliminary arrangements in the form of acquisition of six blocks of ground on the south side campus had already been made. This expansion is designed to provide adequate modern accommodations for some seven thousand students in engineering, arts and sciences and architecture. The end result of this program will equip a single campus for those enrolled in Armour College of Engineering, and Lewis Institute of Arts and Sciences, the two divisions of Illinois Institute of Technology.

According to President Heald the gifts totalling $500,000 have been received from industry in the Chicago metropolitan area and are already in hand. Realization of the erection of Technology Center, announced in January as the name by which the new Illinois Tech campus with its $3,100,000 building program would be known, finds its first expression in the one-half million dollars in gifts, he added.

Architectural plans by Ludwig Mies van der Rohe, director of the Institute's architectural school and Holabird & Root, Chicago architects, foreshadow Technology Center as the outstanding example of modern architecture in the United States. Architect van der Rohe's plans call for the completion of 12 buildings on the six blocks of ground acquired for this purpose. The area is bounded on the north by 32nd Street, on the south by 34th Street, on the east by State Street, and on the west by the New York Central-Rock Island tracks.

While the entire program contemplates progressive steps over a period of time, certain steps are outlined for completion during the coming few years. These include the erection of the following buildings: metallurgy, mechanical and chemical and electrical engineering buildings; a humanities building, and a library and administration building. No interruption in campus activities will be involved as existing utilities are and will continue to be utilized until replacement is complete.

Property supplementing the oldest portions of the former Armour Institute of Technology campus, now the south side campus of Illinois Institute of Technology, comprises the major footage on which "Technology Center" will arise. Additional property to make up the six blocks of territory which "Technology Center" will occupy was acquired during the two years preceding the building program and endowment fund drive announcement of last January.

At today's luncheon, chairman Cunningham of the Institute's Board of Trustees presided. The general development plan was outlined by President H. T. Heald of the Institute and the work of the committee on special gifts was announced by chairman R. J. Koch. Colonel Willard Chevalier, editor and publisher of BUSINESS WEEK, addressed the assembled trustees and civic and business leaders on current business trends. The title of his address was "Business on the March".

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: FRESHMEN CLASS OFFICERS CHOSEN FOR INTERIM AT ARMOUR COLLEGE CAMPUS OF ILLINOIS TECH; CLASS ACTIVITIES.

FOR IMMEDIATE RELEASE

The old, giving way to the new, has a particular expression at Armour College of Engineering campus of Illinois Institute of Technology this Autumn where not only are old structures on newly-acquired school property being razed but a freshman class exceeding all predecessors in size dominates the school scene.

With one hundred of its engineering members shifted to Lewis campus of the Institute because of lack of accommodations at Armour, south-campus freshmen still number 353, a sizable gain over last year. Green caps and excesses of undergraduate dress, mild hazing and the rush of fraternities to garner choice men, are mixed up in a melange of calendar events.

Freshmen class officers, elected for an interim period after which permanent officers are to be chosen, are:

Norman Dasenbrook, 3236 S. Michigan Avenue, Delta Tau Delta pledge, president; James Gibbons, 7948 Luella Avenue, vice-president; Herbert Post, 10525 S. Drew Ave., secretary-treasurer; and Harold Skinner, 3154 S. Michigan Avenue, Alpha Sigma Phi pledge, Illinois Tech Student Association representative.

Dasenbrook, a mechanical engineering student, graduated from Rockford Senior High School in February, 1940. His parents live at 120 Lawn Place, Rockford, Illinois.

He enrolled last March, as a mechanical engineering cooperative student for a five-year course, but changed this semester to a regular four-year course.

Dasenbrook was president of his high school German Club as a junior, and was a member of Hi-Y. He is currently in charge of arrangements of class events, to include several social functions notably a smoker, and with other officers will schedule team competitions for his class.

Gibbons, a graduate in June of De La Salle High School, is a mechanical engineering student..He was an honor student for four years, class secretary as a senior, played end in lightweight football and guard on bantamweight, lightweight and heavyweight basketball teams. He will be turning out for freshman basketball.

Post, a civil engineering student, was a graduate of Tilden High School's class of last June, in which he was secretary of the school's chapter of the national honor society, treasurer of the student association, maintaining a four-year average of 92.75 per cent. He is a brother of George Post, senior mechanical engineer.

Skinner, whose parents live at 1117 N. Columbian Avenue, Oak Park, Illinois, graduated from Central High School, Kalamazoo, Michigan, in February, 1940. He was class vice president as a senior, played two years on the football squad, and attended Western State Teachers College for a semester.

-JGM-

1041-14

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: SIGMA BETA THETA SORORITY HOLDS
SWEETHEART DANCE AT LAKE SHORE CLUB
FRIDAY, OCT. 24; HAROLD SHAW PLAYS.

FOR IMMEDIATE RELEASE

The Fall semester social season of Lewis division of Illinois Institute of Technology opens brilliantly with the Sweetheart Dance of Sigma Beta Theta sorority Friday, October 24, at the Lake Shore Club.

A semi-formal evening affair, the dance will depend on Harold Shaw of Fitch Bandwagon fame for music and the combined ingenuity of sorority members for a distinctive "sweetheart" decoration motif and a floorshow matching the decorative pattern.

"Let Me Call You Sweetheart," a skit presenting gowns worn by coeds since the 'nineties, together with songs popular with successive undergraduate generations, will be directed by freshmen pledges.

The womens' dormitory of Lewis campus, 1952 W. Monroe Street, where Sigma Beta Theta regularly holds its meetings, and where some of its members reside, has been the scene of skit rehearsals during the past two weeks.

Betty Kennedy, 11 S. Austin Blvd., a junior liberal arts student, is president of the sorority. She attended Austin High School, is active in intramural sports as a member of the badminton team, and has been on the staff of Technology News, undergraduate weekly.

Violet Tukich, 1952 W. Monroe Street, a junior home economics student, is vice president. She attended Bowen High School, is president of Pan-Hellenic Council, a coordinating group for all sororities, belongs to the Home Economics Club and the Glee Club.

Dorothy Giambelluca, 1952 W. Monroe Street, a junior liberal arts student, is recording secretary. She is a member of the Glee Club, has served on the staff of Technology News, and has appeared in productions of the Lewis Drama Club. She attended Lakeview High School.

Grace Taglieri, 909 S. Bishop Street, is treasurer. A junior in home economics, she is a member of the Glee Club, is active in intramural athletics, and took a leading part in fashion shows sponsored by the home economics department last year. She attended St. Patrick's Academy.

Mercedes Brown, 1952 W. Monroe Street, is chairman of the sorority's committee on the Sweetheart Dance. She is a senior liberal arts student and a member of the Glee Club. She attended Lakeview High School.

-JGM-

1041-23

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: APPOINTMENT OF R. E. MEYER
AS TRACK COACH

RELEASE FOR: TUESDAY, 10/21/41

FILE COPY

R. E. Meyer, University of Chicago athlete and for one year basketball coach at Illinois Tech, has been appointed to the position of track coach of the Techawks. This announcement was made late yesterday by John J. Schommer, athletic director of Illinois Tech who stated that the track vacancy was created at the close of the season last spring when Coach Norman Root, also a University of Chicago star, was stricken with tuberculosis. Root has been confined to the tuberculosis sanitarium since that time.

Since the track and basketball seasons overlap to a certain extent, Meyer will be assisted in his track duties by John J. Schommer, noted National Professional Football official, and Bernard "Sonny" Weissman, assistant athletic director of the Institute widely known as a boxing official.

Track is not a new field to "Remie" though he was not given an award in this sport in his outstanding collegiate career. While at Chicago he garnered nine athletic letters for participation in football, baseball, and basketball. He was captain of the latter two teams in his senior year. Some time in that final year, (open dates on the baseball card) he found the time to run the hurdles for the Maroons. His hurdle racing dates back to Hinsdale High School where he was one time holder of the West Suburban Conference 120 yard high hurdle mark of 15.8 seconds.

Meyer's appointment to this post is undoubtedly due to his success with last season's inexperienced basketball team. Under his direction the squad finished the year with five victories on a twelve game schedule. He is very popular with the students.

In the "Pro" field "Remie" is also well known, having captained the LaSalle Hotel basketball team, the Cavalier. His undergraduate affiliations include membership in the Iron Mask and Alpha Delta Phi Fraternity.

Norm Root, Tech's track coach for the past nine years, was a member of the victorious University of Chicago 440 yard sprint relay team in the Penn Relays of 1930. His present illness is expected to clear up in the near future enabling him to return to his post at the Institute next year.

-EHC-

1041-30

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CHARLES DONALD DALLAS AND HAROLD SINES VANCE ELECTED TO BOARD OF TRUSTEES OF ILLINOIS TECH.

FOR IMMEDIATE RELEASE

Two industrial leaders of national prominence, Charles Donald Dallas, president of Revere Copper and Brass, Incorporated, of New York City, and Harold Sines Vance, chairman of the board of the Studebaker Corporation, South Bend, Indiana, have been elected to the board of trustees of Illinois Institute of Technology.

This was announced today by James D. Cunningham, president of Republic Flow Meters Company and chairman of the board of trustees of the Institute. Addition of Dallas and Vance brings the total of trustees to fifty-five.

Dallas, a recipient last June of an honorary doctor of engineering degree at commencement exercises of Armour and Lewis divisions of the Institute, is a member of the Armour class of 1902. He is a native of Hamilton, Ontario, Canada.

As a $3.00 per week office boy, Dallas began a business career he was never to relinquish even while a student. His first important position was with the American Brass Company, for whom he worked many years. In 1908 he and his father, with a capitalization of $10,000, incorporated in Chicago as A. C. Dallas and Son, acting as sales representatives for several eastern copper mills.

The original firm began with two desks and one stenographer, growing until, in 1912, it began to roll some of its own metal. When young Dallas became president in 1918 and the firm's name was changed to the Dallas Brass and Copper Company, the

first modern casting and rolling mill of the company was built.

The company capitalization now increased to $1,300,000, and the firm merged with several other companies to form what later became Revere Copper and Brass, Incorporated In 1931 Dallas was made president of this corporation, which did a $67,000,000 business in 1940, and one of whose five plants is in Chicago.

Author of You and Your Money Dallas is president of the Federation of Church Clubs of the Episcopal Church and an officer of the National Industrial Conference Board and of the Copper and Brass Research Association. He was president, also, of the Hadley School for the Blind.

Vance was born in Port Huron, Michigan, fifty-one years ago. His elementary and high school education were gained in the public schools and at the age of twenty he began working for the Studebaker Corporation as an apprentice mechanic. His promotion was rapid.

In 1912 Vance was transferred to the specifications department and three years later was made assistant treasurer. In 1916 he was made director of purchases. A leave of absence in 1917 found him as production engineer for the Bethlehem Steel Corporation, where he contributed to the remarkable record made by that company in war production at the time.

Vance returned to the Studebaker Corporation as assistant to the president; two years later he was transferred to sales work in the capacity of manager of the export division. From 1923 to 1926 he served as general sales manager of the company.

8 It was in 1926 that Vance, fully experienced in various phases of production and sales, was made vice president in charge of production. With reorganization of the corporation in 1935, he was made chairman of the board.

One of the earliest requests by William S. Knudsen of President Roosevelt was for the appointment of Vance to head the critical machine tool division when the former assumed his defense capacity. Vance served in this government capacity until in November, 1940, when defense activities immediately concerning the Studebaker Corporation made his return imperative.

1041-32

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH RIFLE CLUB ENROLLS RECORD MEMBERSHIP AS IT ENTERS 20TH SEASON; TEAM MEMBERS REFURNISH INDOOR RANGE.

FOR IMMEDIATE RELEASE:

In an engineering school the reflexes of a nation rearming are many, but at Armour College of Engineering of Illinois Institute of Technology even a minor sport, rifle range shooting, has attracted in its twentieth season so many enthusiasts it threatens to become a major sport.

With sixty students, many of them first semester freshmen, turning out for indoor and outdoor practice sessions, Illinois Tech's selected ten-man rifle team squad, a unit separate from the Rifle Club but functioning as part of it, promises to be the most expert of many seasons.

Responsible for this burst of enthusiasm among student engineers who normally find little time to spare for sport is a non-sport motive. Student engineers are the young men-behind-the men-behind-the-guns and as such claim exemption from draft law provisions that would place them in the army, where guns would replace bunsen burners.

However, finding skill in the use of arms desirable as a matter of patriotism and individual self-sufficiency, the engineers-to-be are making every shot count on the rifle range as in the classroom.

In the basement of venerable Physics Hall a fifty-foot rifle range, open nine hours a day six days a week, has been completely refurnished this semester to accommodate the influx of Rifle Club members. Complete white-washing and painting schemes, executed with an eye to improving visual conditions, new lighting and heating accommodations, modern target backgrounds, and numerous smaller improvements have been installed.

Raymond W. Smith, junior, fire protection engineering student who lives at 3154 S. Michigan Avenue as a member of Alpha Sigma Phi fraternity, is president of the Illinois Tech Rifle Club. He won a four-year fire protection engineering scholarship from Youngstown, Ohio, High School. A member of the rifle team squad, he participated in all team matches last season.

Robert Cwiak, sophomore architectural student and member of Triangle fraternity, 3240 S. Michigan Avenue, is secretary of the Rifle Club. Tedward (correct) A. Dumetz, Jr., 5730 S. Calumet Avenue, is treasurer. The former attended Von Steuben High School and the latter Englewood High School and both shot as members of the 1940-41 team.

Robert Bell, 6328 S. Morgan Street, junior electrical engineer, a graduate of Parker High School, is range officer. Among other team members are Robert Zelin, 3837 W. 63rd Place, junior fire protection engineer, a graduate of Lindblom High School, and Norman Carey, a member of Alpha Sigma fraternity, 3154 S. Michigan Avenue, a graduate of Rockford, Illinois, Central High School, who will next year as a junior become a member of the aeronautical engineering option course.

Traditional opponents of the Techawk rifle team are Stevens Institute of Technology, Rensselaer Polytechnic Institute, Brooklyn Polytechnic Institute, Drexel Institute of Technology, Massachusetts Institute of Technology, Missouri School of Mines, University of Indiana, University of Illinois, the University of Chicago and Wheaton College.

Few of these teams will be engaged shoulder-to-shoulder during the current season, or ever were, since those at considerable distance are "postal" matches, scores being sent by mail and the winner decided a week after actual shooting at home ranges of each team.

Annual Midwest rifle championships sponsored by the University of Chicago, the largest indoor meet of the shooting season, each year finds the Techawks represented by at least three four-man teams. The Techawks have seldom, during six years of this meet, been outranked by collegiate opponents.

Standard weapon used by the Rifle Club is a Winchester .52 costing $70. Telescopic sights, each costing $30, to be used in examining target scores from a distance, are provided for four of the rifles. Shooting jackets, easily adjusted for standing, kneeling, sitting or prone positions, are provided for team members.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CHEMISTRY CLUB OF LEWIS DIVISION OF ILLINOIS TECH ELECTS ANNUAL OFFICERS; FRESHMAN BUILDS UNIQUE WORK UNIT.

FOR IMMEDIATE RELEASE

A pedant once called chemists "the poets of the laboratory."

At Lewis division of Illinois Institute of Technology, where the Chemistry Club has elected members for forty-six years with a "B" average as minimum requirements, there are no long-haired young men or elfin young women among its thirty members. All seem essentially, however, imaginative creators.

A serious yet collegiate-looking group, the fingers of many stained slightly by acid and material residues, the undergraduate chemists are a heterogeneous gathering as they sit in the school cafeteria after a busy day in the laboratories.

Ranging in age from fifteen to forty, some married, nearly all working outside school for living and school expenses, they form a solid bloc among their fellows. Their interests are highly specialized--they talk shop and little else. The governmen and industry have a big role for them to play on graduation and they know this.

A freshman, Gordon Campbell, 6830 N. Tonty Avenue, Edgebrook, this week will cause an inviolable canon of the Chemistry Club to be shattered. He will be elected to membership, the first freshman to merit the distinction. The son of a physician, Gordon hopes to follow in his father's profession. He graduated from Amundsen High School in June, 1939.

Gordon is being elected to the inner sanctum of Lewis undergraduate chemists because he simplified, in one amazing step, chemistry instruction of a basic type.

He built a three-dimensional wooden model of what chemists know as "the periodic chart."

As learning the arithmetical tables is to an elementary school student, so is learning the periodic chart to an embryo chemist. Standard representation of the periodic chart is that of a flat, map-like sheet of cardboard on which are printed in a long, agonizing rows the symbol and atomic number of each of the 92 known chemical elements.

Many a student who liked to fuss with test tubes would fall short of the grim task of learning the periodic chart. To Norman Kharasch, 120 Main Street, Park Ridge, instructor in chemistry at the Institute, this had been borne out more than once.

Helen Skinner Mackenzie, assistant professor of chemistry and collaborator with Kharasch on A First Survey of Chemistry to be published in December, and the latter had puzzled for months over how best to represent graphically in their textbook the idea of the periodic chart. Gordon Campbell heard of this difficulty and in a conference with Kharasch outlined a method by which the youth could turn his knowledge of wood-working to a practical account.

Made of dowels and spheres, the wooden periodic chart was a month in building. It accurately represents the spatial arrangement of the elements in a three-foot cube superstructure mounted on a swivel stand. Each element is represented by a painted red ball labeled with its symbol and atomic number. Set inside the main cube is a smaller one, holding those elements known as "the inner ring."

A picture of Gordon's creation, adequately explained, will be featured in the forthcoming volume of his two teachers. Experience as an X-ray technician, gained during the interim between his high school and college study, encouraged the youth to find his chemical short-cut, he believes.

Officers of the Chemistry Club, elected last week, are as follows:

Thomas Cafcas, 8250 S. Bishop Street, president; Thaddeus Kowalski, 1621 W. Division Street, honorary president; Florence Moss, 7830 S. Morgan Street, vice president; and Ernest Lilek, 3438 W. 62nd Place, secretary-treasurer.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: DEFENSE FORUM, A. L. OLSON, FEDERAL RESERVE BANK SPEAKER, TUESDAY, 10/28/41

FOR RELEASE: MONDAY, 10/27/41

The Chicago Forum on Defense Production Problems will present as its principal speaker, Arthur L. Olson, Assistant Vice-President of the Federal Reserve Bank tomorrow evening, October 28, 1941, at 8:00 P.M., at 176 W. Washington Street.

Tomorrow's Forum is one of a series of eight currently being presented by Illinois Institute of Technology and the Chicago Commission on National Defense as a "service program" to aid manufacturers who have or may have defense contracts. The Forum is part of the Institute's Defense Training Program authorized by the United States Office of Education.

Mr. Olson, who is in charge of loans and credits and defense contracts officer for the Federal Reserve Bank will speak to a gathering of manufacturers and business men and lawyers on the vital subject, "Financing Defense Industries."

With the Federal Reserve for 24 years as lawyer, economist and banker, Mr. Olson' knowledge of finance is singularly authoritative. He will tell the business men Tuesday evening how the Federal Reserve Bank and the Reconstruction Finance Corporation along with the commercial banks are cooperating with the small manufacturers in solving complex finance problems which frequently arise from defense contracts. Mr. Olson plans to devote ample time in explaining emergency plant facility contracts and the financing of supply contracts. In addition, he will discuss the Defense Plant Corporation and will explain the proper procedure in

amortizing defense costs of building construction and machinery.

Discarding the lame notion that the financing of a defense contract is a puzzling procedure, Mr. Olson states:

"The handling of a contract is a relatively simple procedure if the manufacturer is prepared to anticipate future problems arising from that contract. The primary purpose of my talk is to aid the manufacturer in anticipating problems, which, if not foreseen, would prove to be most difficult."

Scheduled to speak on Tuesday evening, November 4th, is W. G. Bailey, Head of Priorities Division, Office of Production Management, Chicago.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY--VIC. 4600

RE: AIRPORT CONFERENCE SPONSORED BY
ILLINOIS INSTITUTE OF TECHNOLOGY
PALMER HOUSE, CHICAGO, 10/30-31/41

FOR RELEASE FRIDAY P.M., OCT. 31
AND SATURDAY A.M., NOV. 1, 1941

Within the next four or five years, airports at such cities as New York and Chicago will be handling about 735 air transport plane movements a day during peak travel seasons as contrasted with the 200 more or less, which they are experiencing in 1941, it was predicted today by Allan F. Bonnalie of United Air Lines, speaking at the fall engineering conference of the Illinois Institute of Technology in Chicago.

Discussing "The Capacity of Air Carrier Terminals", Bonnalie declared a 25 per cent annual increase in airline business for the next few years "is not at all out of order".

"It is reasonable, therefore, to expect a demand four years hence for about 735 plane movements for the maximum day at a city like New York and for Chicago a year or two later," he said. "New York's peak traffic can then be expected to be something over 60 airplanes an hour and, at Chicago, about 90 an hour a year or two later. It is probable that, by that time, the increased size of airplanes will flatten the growth curve of airplane movements."

Bonnalie's study showed Chicago now has approximately 190 air transport plane movements a day, with as high as 23 during a peak hour, and New York City's LaGuardia airport, 244 airliner movements daily with a peak of 21 during any one hour.

At the conference's opening session, William A. Aldous of the Civil Aeronautics Administration declared airport construction will rapidly develop into a specialized field for engineers.

Noting that present nation-wide airport development is so large and has developed so much faster than any one could anticipate, Aldous said the immediate technical problem is not "how to get more airports, but how to properly and efficiently build the ones under construction or in preliminary stages".

Other speakers included V. C. Lundquist, Northwest Airlines; H. J. C. Pearson, Civil Aeronautics Administration; John Backer, Chicago Municipal Airport; A. E. Blomquist, Eastern Airlines; Harry Baumer, City of Chicago; John Groves, Washington National Airport; H. L. Cheney, Public Buildings Administration; L. L. Odell, consulting engineer, Pan American Airways, and M. B. Wells, professor emeritus, Illinois Institute of Technology.

The Chicago conference is under the direction of Professor J. B. Finnegan, Illinois Institute of Technology, assisted by C. O. Harris, assistant professor of civil engineering, conference secretary and S. M. Spears, associate professor of civil engineering. Attending were over 500 executives, engineers, operating personnel, architects and professional men from the major airlines, Federal and State aviation commissions, schools and consulting engineering concerns.

* * *

1041-39

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: AIRPORT CONFERENCE OPENS
PALMER HOUSE - 10/30, 10/31/41

FOR IMMEDIATE RELEASE

The first annual fall engineering conference sponsored by Illinois Institute of Technology will open tomorrow, Thursday October 30, 1941, in the Palmer House. The theme of the engineering clinic will be "AIRPORTS - CONSTRUCTION, OPERATION AND MAINTENANCE".

According to Professor J. B. Finnegan, conference director, Illinois Institute of Technology inaugurates this fall the first of a series of annual fall engineering conferences designed to present from year to year specific subjects that have special importance in the light of current developments. In view of the tremendous importance being placed on aviation, private, commercial, and military combined, administrators have chosen as the theme for the current conference, AIRPORTS.

This conference will offset the annual Midwest Power Conference held each spring under sponsorship of the Institute. What the subject of the fall conference for next year will be, has not as yet been decided and will depend upon world engineering and economic conditions.

Participating in tomorrow's opening session of the Airport Conference are two distinguished airport and aviation experts. These are William A. Aldous, technical development engineer of the Civil Aeronautics Administration, and V. C. Lundquist and Carl Larson of Northwest Airlines, Inc. The papers to be presented are respectively, "Grading, Drainage and Paving", and "Plane Servicing Arrangements".

A subject of most importance to the aviation industry, according to Professor Finnegan, will hold the attention of the conferees at the luncheon meeting. This will be "Fire Hazards and Fire Prevention", presented by F. B. Quackenboss of Rollins Burdick Hunter Company, Chicago.

The afternoon session will consider various phases of airport lighting, economic factors of the lack of instrument landing systems, and control tower operation. Mr. Jack Vilas, chairman of the Chicago Association of Commerce aviation committee, will be chairman of the afternoon session.

Professor M. B. Wells, 72 year old professor emeritus of the Institute, himself a flyer, one of the first to realize the importance of aviation training, and instructor of aeronautics at the Institute until his retirement, will tell of "The Early History of Aviation in Illinois" during the smoker that winds up the first day of the conference. The second day of the conference will be concluded with an inspection trip of Chicago Municipal Airport.

* AS *

1041-44

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: A. E. BONNALIE, UNITED AIR LINES ADDRESSES FALL ENGINEERING CONFERENCE OF ILLINOIS TECH AT PALMER HOUSE.

RELEASE FOR: EDITIONS AFTER 10 A.M. 10/31/41

Approximately 735 transport plane arrivals and departures will be the order at Chicago's municipal airport by 1947 or 1948 with as many as 90 plane movements, 1156 passengers and 48½ tons of cargo being handled at peak periods, it was predicted today by Allan E. Bonnalie of United Air Lines, speaking at the fall engineering conference of the Illinois Institute of Technology.

Discussing "The Capacity of Air Carrier Terminals", the operations executive declared a 25 per cent annual increase in airline business for the next few years "is not at all out of order". At present, Chicago's airport handles 190 transport arrivals and departures, with as many as 23 an hour, during peak periods.

Foreseeing a considerable growth of airports, Bonnalie cited some facilities which would be required at Chicago to accommodate such air traffic increases. He mentioned the present need for a larger terminal building, then complimented Chicago's airport on its system of parallel runways, enabling a complete separation of landings and takeoffs.

Referring to his figure of 1,156 passengers handled in a peak hour at the Chicago airport, Bonnalie said approximately one thousand of these would be "through" travelers, stopping only briefly at the airport and two-thirds would arrive or leave the field by ground transportation, about 80 per cent in private cars or cabs and the

balance in about ninety arriving or departing limousines.

"In addition," he said, "several post office and express company trucks will be necessary so the road vehicle loading facilities will have to accommodate a total of about 100 road vehicles within one hour, or something over thirty at one time." He predicted that about 50 airport loading positions would be required for the ninety planes handled in the peak hour.

A minutely-detailed history of planning and development of Washington, D. C., National Airport, first project of its kind owned and operated by the government, was also given to the conferees. The man responsible for much of its success, from blueprint stage to completion, spoke at the morning session. He is H. L. Cheney, consulting architect of the Public Buildings Administration in the Capitol city.

"There are but few cities in America where such an opportunity could be found to secure or construct an airport site so advantageously located, in close proximity to the large community it must serve, as the new airport in Washington," Cheney began.

Tracing history of the authorization, choice of site, and early stages of conception of the field, Cheney said it was mandatory to establish a location with a suitable adjoining area to be developed for accommodation of seaplanes. The site chosen was also important, he added, because it was strategically located in relation to the Army's Bolling Field and the Navy's Air Station directly across the river.

Following approval of the site by the President, plans for immediate construction were announced. The Public Buildings Administration was to prepare the site plan, the design of buildings, and the landscaping. This included roads, passes and underpasses. Particular attention was paid to space allotment for visitors in automobiles.

"The master plan of the airport provides for an extension of the flying field up and down the Potomac River, permitting the north-south instrument landing runway to be extended an ultimate length of 8,000 feet," Cheney said.

"It also provides for development and construction of an auxiliary system of parallel runways for future installation, to be used to handle increased traffic and

make it possible for planes to land on one runway while others are taking off in the same direction from an adjacent runway. Ample provision has also been made for a large adjoining seaplane base immediately south of the present airport."

A 12:15 p.m. luncheon meeting group heard Captain L. L. Odell, consulting engineer and chief airport designer of Pan American Airways, New York City, speak on "Integration of Requirements in Airport Design." A trip to the municipal airport by bus left the Palmer House at 1:45 p.m.

-JGM-

1041-45

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: AIRPORT CONFERENCE OPENS
PALMER HOUSE - 10/30/41

RELEASE: FOR P.M.'S, 10/30/41
A.M.'S HOLDOVER TO
10/31/41

EDITOR'S NOTE: PLEASE DISREGARD RELEASE #1041-41

The desire to promote and plan an airport today, build tomorrow, and complete yesterday, according to William A. Aldous, is the cause of most errors in airport construction, maintenance and operation. This was stated this morning, Thursday, October 30, 1941 by Aldous at the first fall engineering conference sponsored by Illinois Institute of Technology at its opening session in the Palmer House, Chicago.

The theme of the conference this year is AIRPORTS - their construction, maintenance and operation. Aldous was one of two airport specialists who addressed the opening session this morning . . . . he is engineer for the technical development division of the Civil Aeronautics Administration, Washington, D. C., and he spoke on "Grading, Drainage and Paving of Airports". On the same panel with Aldous was Professor H. L. Nachman of the Institute who read a paper entitled "Plane Servicing Arrangements" prepared by V. L. Lundquist of Northwest Airlines who was unable to be present.

Aldous stated in his opening remarks that airport construction is rapidly becoming a highly specialized field for engineers. He emphasized that engineers, particularly American engineers, their associations (professional societies), their schools and colleges should become thoroughly aware of the influence aviation's development will have and has made upon their field of endeavor. He urged them to become dominant leaders in the present and future program of planning, designing and constructing airport facilities.

Pointing out that preliminary planning, adequate and comprehensive study of all phases of airport construction, has not been of the highest which the magnitude of the job requires, Aldous remarked that "the responsibility for improper airport construction, location, layout, and subsequent operation is due to urgency . . . the desire to plan today, build tomorrow, and complete yesterday . . . . promotes conditions not wholly satisfactory".

Noting that the present nation-wide airport development program is so large and that it has developed so much faster than anyone could anticipate, Aldous said that the immediate technical problem is not "how to get more airports, but how to properly and efficiently build the ones that are in the construction or preliminary stage now."

"The Civil Aeronautics Administration, technical development division",he added, "is in an unusually favorable position to assist in the solution of such technical problems."

In making plans for an airport, Aldous emphasized a 7 - point program which is necessary before earthwork planning of any kind can be undertaken in the construction of an airport. These are:

1. What functions will the airport have in State, Regional, or National Plans.
2. What will be the type of operation - local, commercial, military.
3. Type and extent of airport surface.
4. Designation and locations of runways - present and future.
5. Assignment of definite areas for operations, buildings - present and future.
6. Obstructions to air traffic flow.
7. Drainage requirements.

Other speakers for the first day of the conference include, James D. Cunningham, chairman of the Board of Trustees of Illinois Tech; F. B. Quackenboss,

Rollins Burdick Hunter, Chicago; H. J. C. Pearson, Civil Aeronautics Administration, Washington, D. C.; A. E. Blomquist, Eastern Airlines, New York; Harry Baumer, City of Chicago; and M. B. Wells, Professor Emeritus, Illinois Tech, early professor of aeronautics and acquaintance of Chanute, Laird-Turner, the Wright Brothers.

The conference is under the direction of J. B. Finnegan, professor and chairman of fire protection engineering at the Institute; assisting are C. O. Harris, assistant professor of civil engineering, conference secretary; and S. M. Spears, associate professor of civil engineering. Five hundred engineers, executives, professional men and students were expected to register before the first day of the two-day conference was completed.

- AS -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: JOHN BECKER, CHICAGO MUNICIPAL AIRPORT, AND A. E. BLOMQUIST, EASTERN AIRLINES, AT FALL ENGINEERING CONFERENCE OF ILLINOIS TECH.

FOR RELEASE: EDITIONS AFTER 2:00 P.M. 10/30/41

EDITOR'S NOTE: PLEASE DISREGARD RELEASE #1041-42

An airways traffic cop and an outstanding aviation theorist were among eight speakers today, Thursday, October 30, 1941, at the Palmer House where the first annual Fall Engineering Conference of Illinois Institute of Technology began a two-day session.

Edward Kampwith, chief control tower operator of Chicago's municipal airport and A. E. Blomquist, airport engineer of Eastern Airlines, New York City, addressed 500 delegates during the Thursday afternoon panel. The theme of the conference is "Airports". Kampwith presented a paper written by John Becker, former chief control tower operator of the municipal airport who just recently was transferred to Santa Monica, California, as a control tower inspector for the Civil Aeronautics Administration, entitled "Control Tower Operation"; Blomquist spoke on "Economic Factors of the Lack of Instrument Landing Systems".

"It has been found by insurance statisticians that it is far safer to ride on a transport airplane than to ride in the family automobile," Becker said.

"Aviation has grown from a hazardous occupation to one of the safest modes of travel. The government, through the Civil Aeronautics Administration, is coming to the aid of airport control further to improve its fine record of safety and efficient operation."

Automobiles travel at twenty-five miles or more per hour in congested city traffic, while airplanes must travel at much greater speeds with consequently closer traffic control, Becker stated.

"The fundamental rules and equipment of automobile traffic control are also utilized in aircraft control--red and green lights have identical significance.

"A green light means 'proceed'--a red light means 'stop.' Airplanes fly on the right side on an airway, and traffic officers are in charge who direct traffic. From here on similarity stops, due to speed necessary, and to the fact that three dimensional movements are required, while automobile traffic is confined to two dimensions."

The slowest airplanes move at speeds down to a hundred miles per hour, while the fastest move up to two hundred and fifty miles per hour, necessitating special means of control and special rules, Becker said.

"The highways of the air are termed airways and are officially designated by the Civil Aeronautics Administration. They run between airports and start five hundred feet above the surface of the earth and extend up to the highest altitude that aircraft can fly.

"These airways are marked by light on the ground and also by radio beams. Radio markers indicate turns in an airway and also distance to an airport, conveying information to a pilot, somewhat like that furnished by markers along highways."

Becker said that in order to separate traffic, in addition to flying on the right side of an airway, pilots on flights in the easterly half of the compass use odd altitudes, while those in the westerly half use even altitudes. These simple rules would probably be sufficient were there only a few airplanes, but at Chicago's airport alone 90,000 planes arrived or departed last year.

"To handle such numbers safely, two organizations have been set up--one, under airport supervision, called an airport control tower, and the other under government control, termed Airways Traffic Control.

"It is expected that, within a few months, all airport control, as well as airway control will be combined into one unit. This movement has cooperation of the pilots and the airports."

The airport control operator, according to Becker, must be completely familiar with lighting, radio beam, runway, airway and related forms of control. He must understand, also, automatic recording devices which put on wax plates the conversations of pilots and control tower operators as the former come into airports.

"Long experience and a number of government certificates are necessary before the operator is permitted to instruct pilots in traffic," Becker said.

"The government requires two licenses and a special rating before an operator is permitted to assume his duties. This assures handling of traffic by competent operators. The first requirement is a third class radio license.

"However, in Chicago the airport specifies a still higher radio license, either second or first, which are the highest obtainable with examinations requiring at lease two days to complete. The other government requirement is a control tower operator's certificate and is classed along with the highest airmen's certificates."

Blomquist, discussing "Economic Factors of the Lack of Instrument Landing Systems," gave $11,000,000 as the minimum amount lost by airlines of the United States since 1936 in passenger fees cancelled.

"It seems like a sizable sum to throw in the street but it represents, certainly, not more than twenty per cent of the indirect costs of the hundreds of cancelled flights and must be small indeed compared with millions lost by 'stacking,' holding at way stations for a few hours and overnight, and other forms of traffic delays."

The chief cause of revenue losses through cancelled passengers and ground delays of various sorts is weather, with potential passengers saying, "I have an appointment I must keep, so I'm going by train," when difficulties are encountered, according to Blomquist.

"Low ceilings, poor visibility and icing conditions, severe storms and other meteorlogical conditions fail to interfere with eighty-five per cent of all schedules operated by Eastern Airlines.

"The answer to existing conditions is the immediate installation of some reasonable instrument landing system at most airline airports and the gradual reduction of Civil Aeronautics Administration ceiling and visibility minimums as flight crews become proficient in the use of the system and the system itself is brought to perfection.

"We, in this country should be ashamed of the record on development of this particular type of flight aid. The science of scheduled operation has been vastly improved, save in regard to instrument landings.

"As long ago as 1932 several systems were proposed and demonstrated. Since that time there have been half a dozen systems, any one of which might have been developed to a reasonable point of operating stability."

Successful use of a number of instrument landing systems abroad, particularily the Lorenz System in leading European airports, is evidence the United States has been laggard in introducing this method of obviating cancelled flights. Air lines, individually or in concert, should have made progress in this matter, according to Blomquist.

"The actions of the Civil Aeronautics Administration and its predecessors appear to have been entirely ineffectual in performing a task with which the enabling act charges them," he concluded.

- JGM -

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ESTABLISHMENT OF FIELD HOUSE FUND
$10,000 CONTRIBUTED BY STUDENTS

RELEASE FOR: TUESDAY, 11/4/41

Students of Illinois Institute of Technology today revealed that they have sanctioned the creation of a FIELD HOUSE FUND and that $10,000 in accumulated reserves of student activity fees have been officially allocated to this fund.

Announcement of the creation of the fund and the allocation of the $10,000 was made by Earle Hunhold, president of the student association. Hunhold said:

"By a unanimous ballot, the Illinois Tech Student Association, Board of Control, last Friday passed a resolution voting $10,000 for the establishment of a FIELD HOUSE FUND. This money is the accumulated excess of funds over past years and represents a contribution of the student body to the development program of a greater Illinois Tech."

Illinois Institute of Technology subsequent to the merger of Armour Institute of Technology and Lewis Institute one year ago last July, announced plans for the creation of a new campus estimated at $3,100,000. A fund-raising program designed to raise the necessary funds for the initial expenses required to erect some of the contemplated 12 units of new buildings was announced last January. Initial effort during the past month, the first active period of solicitation under the program, resulted in over $600,000 in gifts. The new campus and physical plant will be located

on the former Armour Institute of Technology campus where all necessary land has been already purchased for the contemplated expansion program prior to January, 1941. The field house program is to be entirely separate from the general fund-raising program.

According to Huxhold, the resolution passed by the Board forms the first official step towards the attainment of a field house so sorely needed for Illinois Tech teams. The field house resolution was passed under a clause of the newly adopted Illinois Tech Student Association constitution which states: "Any balance left remaining at the end of the school year, after all bills have been paid, shall be placed in a fund to be paid at the discretion of the Board for any purpose contributing to the general welfare of the student body."

Illinois Tech's many-fold needs for a modern, efficient field house have been sorely felt for many years. Tech teams now use the facilities of other schools, armories, and practice fields for there work-outs and meets. For example, basketball teams practice in the 108th Engineer's Armory at 34th and Wentworth, where all home games are played; the track and swimming teams use the facilities of the University of Chicago under contract; boxing and wrestling teams work-out in a small "bandbox type gym"; tennis teams, lacking proper indoor facilities, also work-out at the Engineer's Armory; and golf teams use a practice net set up in the small gym.

The necessity for the formation of this fund has long been recognized and cited by John J. Schommer, athletic director of the Institute and famous athletic figure in Chicago. Mr. Schommer will be very active in the promotion and perpetuation of the fund. Students, faculty, officers, and alumni of Illinois Tech are expected to support the movement.

The Student Association will be the receipient and guardian of all monies donated to the Field House fund. The Association will designate the kind and size of structure to be built and when construction will begin.

Although at present no plans have been prepared for the construction of the contemplated field house, it will undoubtedly be designed by Ludwig Mies van der Rohe, famous architect who is head of the schools' architecture department in collaboration with Holabird and Root, architects, who are jointly proceeding with the design and detailing of buildings contemplated for the new Illinois Tech campus. How much the field house will cost has not been determined, although it has been revealed that Mr. Schommer has for several years been investigating the best possible type and size of structure to accommodate the athletic activities of Illinois Tech students. It must be remembered, in this connection, that Illinois Tech sponsors each year the famous "ILLINOIS TECH RELAY GAMES", the largest indoor track and field meet in the middle west, and that consideration of seating space and facilities for this meet must be taken into consideration in planning a field house.

When built, according to the student board, the field house will provide housing facilities for basketball, track, swimming, tennis, badminton, squash, and all other components of a fully-equipped and modern athletic plant. There will also be founded full facilities for undergraduate sport which may include bowling and all facilities for coeducational sport.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: CHARLOTTE CARR - HULL HOUSE
FACULTY WOMEN'S MEETING - 11/12/41

FOR IMMEDIATE RELEASE

Charlotte Carr, famous director of Chicago's r nowned HULL HOUSE, will be principal speaker at the monthly meeting of the Faculty Women's Club of Illinois Institute of Technology Wednesday afternoon, November 12, 1941. The meeting, one of the more important of the club calendar of the academic year of 1941-42, will begin at 2:30 p.m. and will be followed by tea to which the faculty of the Institute are invited . . . . the meeting will be held in the Student Union of the Institute on the south side campus, the Armour College of Engineering division at 3300 Federal Street.

According to Mrs. J. B. Finnegan, 1400 E. 56th Street, Charlotte Carr will address the clubwomen on the subject of HULL HOUSE of which she is director. It is understood Chicago's HULL HOUSE is by far the most popular, progressive, and interesting than any of the others in the United States.

The Faculty Women's Club of the Institute was organized to create motive force in making the wives of faculty members more interested in the Institute and in providing a means for bringing the wives together more frequently. Mrs. Lester R. Ford, 5600 Dorchester Avenue, is president.

In addition to the regular monthly meetings of the Club, according to Mrs. C. L. Clarke, Winnetka, club publicity chairman, the Club also has a "service group and a literary forum" meetings of which are held every third Monday and every last Thursday of the month respectively.

General meetings of the Club are held every second Wednesday of the month either on the Armour or Lewis campuses of the Institute.

In selecting Charlotte Carr as principal speaker of Wednesday's meeting, the Club desires to learn more about HULL HOUSE which is recognized as a national force in liberal politics and social uplift work. Hull House is considered one of three most important settlement houses in the United States, partly because of strategic position in middle of one of Chicago's toughest river wards and partly because under Jane Addams it became world-renowned as home of revolutionary approaches to problems of child delinquency, women's suffrage, neighborhood reclamation and all types of settlement problems. More famous social workers trained there under Addams than at almost any other two.

Whoever would succeed Addams would naturally be a marked woman. When Charlotte Carr was chosen, she got what was equivalent to the key post in American private social service work. Powerful political elements plugged for a weaker character because some reform movement is likely to originate at Hull House from year to year, gumming up a perfectly good ward, Democratic or Republican as it may be at a given time.

Charlotte Carr was born in Dayton, Ohio, in 1890, received A.B. from Vassar College, 1915, was a graduate student at Columbia during 1916-1918. She received an honorary degree of doctor of humane letters at the University of Pennsylvania in 1939.

She was a personnel manager from 1921 to 1923; assistant director of Women and Industry division of the New York State department of labor from 1923 to 1925; director of the Bureau of Women and Children of the Pennsylvania State Department of Labor from 1925 to 1929; secretary of Labor and Industry, Pennsylvania State Department of Labor, 1930 to 1934; executive director of the Emergency Relief Bureau of New York City, 1935 to 1937.

She has been head resident at Hull House since 1937, when she succeeded Addams. She was made director of Hull House in 1939. A contributor to national periodicals, she is a member of the National Women's Trade Union League; the National Consumers' League; the League of Women Voters.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MARIE ELSA BLANKE, FORTY-FIVE YEARS AT LEWIS DIVISION OF ILLINOIS TECH, HOLDS EXHIBIT OF OILS AND WATER COLORS.

FOR IMMEDIATE RELEASE

Marie Elsa Blanke, 1718 N. LaSalle Street, for forty-five years assistant professor of applied art at Lewis division of Illinois Institute of Technology, is represented by two dozen paintings in a three-man show at The Chicago Galleries Association continuing until November 22.

Fourteen oils and ten water colors, totalling last summer's output based on urban, landscape, marine and flower subjects, compose her offering, which went on display November 1. Manistee, Michigan, a picturesque town slumbering in memories of its vigorous lumbering days, and its neighborhood are the locale of her pieces.

The water colors are devoted to flowers -- the datura, phlox, red dahlias, Jane Cowl dahlias and several types of hollyhocks being found in exactly-detailed, vivid reproduction. A strong leaning to tree subjects, rural rivers and somnolent, red-and-green roofed villages runs through her oil subjects.

Miss Blanke, the sole remaining member of the original Lewis faculty, coming to the west-side campus when it opened in 1896, has exhibited annually for many years in Chicago and environs. The Union League Club, the Illinois State Art Museum, and collectors in Chicago and Milwaukee own her work.

A graduate of Lakeview High School, and the first winner of a three-year tuition scholarship to the Art Institute offered by the Chicago Women's Club, Miss Blanke graduated from that institution and studied in London and Munich ateliers.

Among Chicago masters under whom she practiced were Charles Woodbury, Herman Dudley Murphy and Fred Richardson, the last for many years a popular and distinguished member of the Art Institute's faculty.

While possessing advantages of European study and close observations of foreign methods and judgment, Miss Blanke has been a reporter of typical midwestern scenes from the start of her artistic career.

Her Manistee period is merely the latest reflection of enthusiasm for soil and the sun, trees and water backgrounds, simple hamlets and the unsophisticated folk who live in them. A case-hardened teacher, she never paints like a school-marm but has won critical encomiums for seeing life as it is.

Illinois counties along the north bank of the Ohio River, the town of Madison, Indiana, the Indiana Dunes and northern Wisconsin have supplied Miss Blanke with backgrounds. Her use of color varies, occasionally the softer notes of river-town nostalgia yielding to vivid impressions such as a noon-day sun can make on a church steeple close-up.

Her current show is an honest preview of her entire scale. Harbor Springs, which shows the noted resort village with picture-postcard fidelity but has character and essence, will evoke memories in many Chicagoans. Hill Town, an impressive geometrical arrangement of familiar country elements, is honest and solid.

Birches and Pines, in which first-growth northern Michigan trees are heroic against a lake background, is the center piece of the show. Priced at $250, it is an ambitious reminder of an earlier day of forest painting, when America's trees did not have the look of being painted by city slickers.

A grand canvas, a glimpse from Ogden Avenue over-the-shoulder at St. John Cantius church, is a brilliant, dun-colored Chicago scene. It is titled, simply, St. John's Church. Of the water colors, Datura would be welcome in any home, with its delicate faithfulness, its unstarchy, immaculate vigor not often to be found in work of a painting teacher.

As growth of utilitarian standards for art became pronounced with the end of the World War, Miss Blanke saw a decline in the number of students studying to become artists in the accepted sense. Most boys and girls began to study in courses connected with design and homemaking.

Subjects taught in the applied art course this semester, the entire department having this year been absorbed by an enlargened home economics department, are:

Drawing (primary and advanced); drawing and composition; design; costume design; interior decoration; applied design; interior decoration (advanced); and color theories.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: INDIANAPOLIS ALUMNI MEET
11/10/41 - WASHINGTON HOTEL
7:00 P.M. - BAMBOO ROOM

RELEASE FOR: FRIDAY, 11/7/41

The distinction of holding the first meeting of alumni of Illinois Institute of Technology, Chicago, will go to Indianapolis.

Residents of Indianapolis, former Armour Institute of Technology and Lewis Institute students will meet Monday, November 10, 1941, in the Washington Hotel, Bamboo Room at 7:00 P.M. to hear about the consolidation of their respective schools from President H. T. Heald, his assistant, Bernard P. Taylor, and Warren J. McCaffrey, President of the Armour Alumni group, all Chicagoans.

Sponsors of this, the first alumni group meeting of Illinois Tech alumni, are two prominent Indianapolis business men . . . graduates of former Armour and Lewis Institute's respectively. They are Edward E. McLaren, 4715 Park Avenue, a partner of the W. E. Barton Agency, a graduate of Armour Tech in 1924; and Elmer W. Hildebrand, who resides at the Michigan Hotel, acting general commercial engineer for the Indiana Bell Telephone Company, a graduate mechanical engineer of Lewis Institute in 1917.

Armour Institute of Technology and Lewis Institute were merged in July of 1940 by a final court decree. In January of 1941, a development and fund raising program for the expansion of the merged schools was announced by the board of trustees to provide a "technological center" in Chicago and the middle west second to none in the country. A $3,100,000 building program, embodying designs by world famous architect Mies van der Rohe, head of the school of architecture, providing for a completely

functional plant, is in prospect within the next few years.

According to the co-sponsors of the Indianapolis meeting, President Heald will speak about the consolidation of the two Chicago institutions, their combined importance to industry in the middle west, and the effect the development program will have in general on education. The various activities of the schools of engineering, architecture, and arts and sciences will be outlined; the work of the Armour Research Foundation, an affiliate in industrial and development research at the Institute, will be explained; and the importance of the new Institute of Gas Technology, also an affiliate of Illinois Tech, supported by the leading natural and artificial gas companies of the United States by a $1,000,000 appropriation, will be explained.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: HAROLD VAGTBORG, DIRECTOR OF ARMOUR RESEARCH FOUNDATION AT ILLINOIS TECH, ADDRESSES CHICAGO WOMAN'S CLUB, 11/19/41.

FOR IMMEDIATE RELEASE

Harold Vagtborg, 5708 Hamilton Avenue, director of Armour Research Foundation at Illinois Institute of Technology and of the Institute of Gas Technology, will lecture on "Glimpses of South America" before the Chicago Woman's Club Wednesday (11/19/41) at 2 p.m.

The club is located at 72 E. 11th Street. Three reels of natural-color film, taken by the speaker on a recent South American tour, will be shown during the lecture, which will last approximately one hour.

Member of a group of twenty-one leading industrialists, technologists and research experts of the nation, Vagtborg visited ten countries during a fifty-day trip sponsored jointly by the National Research Council of the National Academy of Sciences, the office of Nelson A. Rockerfeller, coordinator of commercial and cultural relations between the Americans, and Jesse H. Jones, secretary of commerce.

A detailed report, supplemented in many aspects by portions of the films, will be given on the sociological, political, economic and cultural state of the South American republics.

Indications the majority of the ten republics look on the United States as a friend and desire increased trade relations with us will be borne out by his lecture, Vagtborg believes.

"Heavy capital and technological investments by American firms in the various countries are more than welcome. The beauty, charm and romance of the republics are well-publicized virtues but few of us know the considerable resources for creating a better life, based on a higher standard of living, that South America has within its power to develop."

Vagtborg says the attitude of the state toward the family and the education of children will be touched on in his lecture.

"Education as a branch of government is not in its infancy in South America but to a great extent a lack of public instruction, based on progressive, up-to-the-minute methods, is accountable for the vast number of illiterates in several of the countries," he says.

"Technological education is not widespread though in some larger cities a very excellent engineering education can be obtained. However, the introduction on a large scale of mass-production methods has still to get under way. Products that are manufactured cheaply and successfully have not the distribution they should have due to the lack of acceptance on the part of the public of the new, technological life. Education of the public to advantages forthcoming from many products not before used will go hand in hand with the development of the whole educational system."

The Latin cast of mind of the average peasant,which inclines him to handwork, and to the devious livelihood gained in an artistic but impractical existence, must be dispelled, or at least mitigated, before any considerable progress can be made, Vagtborg thinks.

"American higher education is held in high regard by much of the thinking segment of the South American population," he says.

"A determined, sustained effort to bring American college professors to teach in the principal schools of the larger republics is being made. The idea of exchange scholars, while it is theoretically of advantage to these institutions, has not worked well in many cases.

"It has been found the average South American student, in a North American scholastic environment, does not prosper. The solution of the problem is to staff South American schools with a reasonable number of North Americans willing to live for periods of several years at a time abroad."

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: TWO PHOTOGRAPHIC EXPERTS, $7,000 WORTH OF CAMERA AND LABORATORY EQUIPMENT, ELECTRON DIFFRACTION CAMERA, ADDED BY ARMOUR RESEARCH FOUNDATION AT ILLINOIS TECH.

FOR RELEASE: MONDAY, NOVEMBER 17, 1941

Expansion of scientific camera and photographic laboratory facilities of Armour Research Foundation at Illinois Institute of Technology, making Chicago a national center of research photography, was announced today (11/17/41) by Harold Vagtborg, director.

Clarence Mitchell, famous technical photographer, formerly director of photographic research at Northwestern University School of Medicine, was named photographic consultant. He will be assisted by Norman Bartley, formerly a Chicago Parks District photographer.

Installation of a completely-equipped laboratory for making, developing and projecting all forms of still and motion pictures, containing more than $7,000 worth of camera gear for aiding research on technical problems of the Foundation, is under way.

Three air-conditioned darkrooms are to be set up. Photo-micrographs of all types, including high speed, ultra-violet and infra-red photographs, high-speed motion and still pictures, in all known color variations, will be produced. Special research problems, never before investigated by camera, will be attempted.

Mitchell, who lives at 179 Lake Shore Drive, is a native Chicagoan who became interested in photographic work as an exhibiting camera portrait artist and later was intrigued by detailed, scientific photo processes. He is a brother of

John J. Mitchell, vice president of Universal Oil Products Company, a trustee of Illinois Institute of Technology.

Educated at the Middlesex School, Concord, Connecticut, and Yale University, from which he graduated in 1932, Mitchell is an associate of the Royal Photographic Association of Great Britain, a member of the Chicago Camera Club and other professional groups.

He exhibited pictorial camera work in London and Paris galleries for several years and at the Chicago Century of Progress shows in the Illinois Host Building in 1933.

Mitchell did camera research work for California Institute of Technology, Pasadena, during 1936 and 1937 and was a research associate in photography at the Field Museum from 1937 to 1939, affiliating with Northwestern University in 1939.

Bartley was for five years employed by the Eastman Kodak Company in its motion picture section before taking his Chicago Parks District post a year ago.

Armour Research Foundation will shortly, according to Vagtborg, be the first laboratory and research unit in Chicago and the eleventh in the United States to own an electron diffraction camera.

Drs. Frank Trimble and Carl Gamertsfelder, associated with the Foundation since last Spring, began construction of the camera in August and hope to complete it by January.

The camera will be used to study the surface structure of various substances by passing a beam of electrons through a thin sheet of a given material so an accurate photograph of the diffraction pattern will be recorded on an ordinary photographic plate.

The apparatus is enclosed in a housing from which practically all air is exhausted by means of a pump designed to create high vacuum. If a given material is too thick for the electronic beam to pass through, the camera can record the diffraction pattern produced by the beam reflection from the surface of the sample.

Studies made possible by this camera will give the same kind of information on the molecules in a surface that X-ray diffraction methods give on the molecular arrangement throughout the human body. It will also be possible to study gases by means of the camera.

-JGM-

1141-19

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: LATE GEORGE NOBLE CARMAN, 40 YEARS
LEWIS DIRECTOR, TO BE HONORED AT
MEMORIAL SERVICE SUNDAY, NOV. 30
3:30 P.M.

FOR RELEASE: FRIDAY, NOVEMBER 21, 1941

The memory of George Noble Carman, from 1895 to 1935 director of Lewis Institute and a pioneer in the North Central Association, will be honored by distinguished educators, public figures, friends and alumni of the school Sunday, Nov. 30, at 3:30 p.m. in the auditorium at 1951 W. Madison Street.

Carman, who died in Ann Arbor, Michigan, in June at eighty-five, retired from his Lewis post in June, 1935, becoming emeritus director. Lewis Institute in July, 1940, became a division of Illinois Institute of Technology.

John Dewey, Robert M. Hutchins, Walter Dill Scott, Henry T. Heald, C. L. Clarke, Charles W. Gilkey, John A. Bartky, Nelson B. Henry, Aaron J. Brumbaugh, George A. Works, J. B. Edmonson, C. O. Davis, and Fred A. Rogers, among educators, have accepted membership on the Carman Memorial Service Committee.

Also serving on the Committee are Lee DeForest, renowned scientist, who taught at Lewis under Carman, Horace J. Bridges, head of the Chicago Ethical Society and life-long companion, Dr. James B. Herrick, physician and Lewis trustee, and Dr. Ernest E. Irons, Carman's personal physician.

Other committee members, including Lewis and Illinois Tech trustees, members of civic vigilance committees on the Chicago Public schools, alumni, and leading Chicago citizens, are:

Trevor Arnett, Bion J. Arnold, William Bachrach, Dr. Charles S. Bacon, Alex D. Bailey, Laird Bell, Flora J. Cook, William A. Greeson, Craig B. Hazlewood, George B. Howland, Mrs. George B. Howland, Benjamin F. Langworthy;

Mrs. Benjamin F. Langworthy, J. Raleigh Nelson, Lewis C. Walker, Mrs. Emile Levy, Mrs. Samuel T. Lawton, Henry P. Chandler, Charles P. Megan, Frank J. Loesch and Dora Wells..

Dr. Gilkey, dean of the University of Chicago chapel, will deliver an invocation and remarks to open the service. Trevor Arnett, trustee of the University of Chicago and protegee of Carman, in whose home he lived as a youth, will speak on "Mr. Carman's Contribution to Education."

Dr. J. B. Edmonson, dean of the department of education of the University of Michigan, associate of Carman in the early struggles of the North Central Association to establish itself, will speak on "Mr. Carman Through the Years."

John H. Smale, professor of philosophy in Lewis division of Illinois Tech, who graduated from Lewis in 1902 and taught uninterruptedly under Carman for thirty-three years, will deliver the alumni tribute. Dr. Gilkey will close the service with a benediction.

Sonia Sharnova, famous diva of the Chicago Opera Company, who was registered by Carman as a student in the class of 1919, will furnish a musical interlude in the service. A contralto, she will sing "Over the Stars There Is Rest."

John Dewey, regarded as dean of modern American education, notified the Committee he would not be able to be present at the memorial function, because of advanced age and distance involved in traveling to Chicago. Carman, friends say, introduced the late Mrs. Dewey to her husband, having known her since childhood.

Carman served as president, treasurer and secretary of the North Central Association, and received numerous educational distinctions.

More than 100,000 students passed through Lewis during the incumbency of Carman, H. T. Heald, president of Illinois Institute of Technology, estimated.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ARMOUR RESEARCH FOUNDATION BEGINS
$250,000 METALLURGICAL RESEARCH BUILDING

FOR IMMEDIATE RELEASE

The Armour Research Foundation, at Illinois Institute of Technology, today announced the letting of a contract to R. C. Wiebolt for the construction of a metallurgical research building. The building, to be located on Federal Street at 34th Street, fully equipped, will cost $250,000 and provide the middle west with the largest and most complete of facilities for the conduct of developmental and industrial research in this field, according to Harold Vagtborg, director of the Foundation who made the announcement for the Foundation.

Located as the building will be on the West side of Federal Street at 34th Stree it will be built around an existing foundry and metallurgical research building which has become too small to carry on and service the many research projects contracted for by the Foundation, having to do with steel, alloys, and non-ferrous metals. The construction job in itself will be an unusual one, since the new building, designed by Ludwig Mies van der Rohe, head of the Institute's architectural department, with Holabird and Root, a Chicago concern as associate architects, will have to be built around the old building with research work being conducted simultaneously with construction work. After two bays of the new unit have been completed, the old unit will be torn down and the building completed.

According to Mr. Vagtborg, the new metallurgical research building will conform in architectural style with that of the planned new campus buildings of Illinois Institute of Technology to be known as "Technology Center". The funds for this and other research buildings for the Foundation to be erected in the future will not, however, come from those currently being raised for Illinois Tech's "Technology Center"....The Foundation is securing separate funds to construct such buildings.

Actual construction of the buildings and subsequent equipping of the metallurgical research section signifies the advances made during the past two years by the Foundation in providing the middle-west with outstanding facilities for metallurgical research. In 1939 the Foundation became active in this field conducting for the Wetherill Research Company an investigation of counter-gravity die casting. Since that time metallurgical investigations have increased to the point where in addition to the one mentioned, there are eleven others. These are: Dolomites; heat treatment of steels; die-casting of ferrous and non-ferrous metals; open hearth slags; wire alloys and drawing; metal polishing materials; non-ferrous forgings; foundry moulding materials; hard-tipping alloys; core oils; and free-machining metals. Among the many companies sponsoring the metallurgical research projects are: American Steel Foundries, Inland Steel Company, Wehr Steel Company, Revere Copper & Brass Company, The National Standard Company and the Pfanstiehl Chemical Company.

The 500,000 cubic foot building, having a ground floor of 11,000 square feet, will house the most modern of metallurgical research equipment. Two cupolas, one having a capacity for the melting of iron of 3,000 pounds per hour and the other having a capacity of 1,000 pounds per hour, will be installed (the 3,000 pound per hour unit is now in use in the old structure). In addition there will be installed one Bessemer type converter, two electric furnaces having a 500 pound and a 10 pound per hour capacity, respectively, and the myriad of equipment for chemical analysis, physical testing, machining and metallography. There will also be installed a steel ingot rolling unit.

According to Mr. Vagtborg, this unit of the Foundation, while it will be used to service the many metal projects under investigation by the Foundation, will by no means immediately reach capacity operation. In constructing and equipping this unit, the directors of the Foundation have in mind long-term metallurgical research for the middle west and the metallurgical experts of the Foundation have designed the unit and purchased equipment so that additional projects can be conducted with ease in the unit.

--FWG--

1141-24

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: S. M. SPEARS - ADDRESS BEFORE
NATIONAL RESEARCH COUNCIL - DEC. 3,
1941 - BALTIMORE

FOR IMMEDIATE RELEASE

Dr. S. M. Spears, 1720 W. 105th Place, Chicago, associate professor of civil engineering at Illinois Institute of Technology, has been invited to present a paper before the Highway Research Board of the National Research Council at its annual meeting in Baltimore on Dec. 3, 1941. Professor Spears will present a paper on "The Evolution of Design Data for Crossover Distances", the thesis of his research work in highway engineering.

Dr. Spears is known throughout the midwest as an authority on highway engineering. His research has been concerned with the application of physiological factors to highway design problems, a field he shares with an extremely small number of scientists. He is one of three scientists in the United States who have completed doctoral work in traffic phases of highway engineering.

Prior to the Baltimore meeting. Dr. Spears will address the Western Society of Engineers, Chicago, in their Wacker Drive headquarters (Engineering Building), Thursday evening, November 27, 1941 on the subject "Psychology in Highway Design".

In the Beverly community where Dr. Spears resides, he is known for his activities as a board member and elder of the Morgan Park Christian Church; he is a community leader in religious education; and he is a trustee of the Morgan Park Military Academy.

-JGM-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MEMORIAL SERVICE FOR LATE GEORGE NOBLE CARMAN, 40 YEARS DIRECTOR OF LEWIS INSTITUTE; LEGENDARY FIGURE.

FOR IMMEDIATE RELEASE

Education, the leading American industry, will pause in a sentimental mood at Lewis division of Illinois Institute of Technology today (11/30/41) to pay tribute to the memory of one of its first great industrialists.

At 3:30 p.m., the golden-oak-panelled auditorium of Lewis at 1951 W. Madison Street will hush as the first syllables of an invocatory prayer open a memorial service honoring the late George Noble Carman, for forty years director of Lewis Institute.

From 1895, when the school opened, to 1935, when he retired, George Noble Carman was Lewis. A procession of eminent speakers will take to the auditorium's platform, where so often he had stood, to make a hundred points that support that fact.

Distinguished figures in education and public life, alumni and friends of the school will overflow 1,200 seats. Each will be listening to a recital of chapters in the eighty-five-year span of a man who had always been too busy, too self-deprecatory, to write his own achievements into the permanent record.

When George Noble Carman died on June 24, 1941, in Ann Arbor, Michigan, he was, in an autobiographical sense, intestate. He had made Lewis the first junior college

in America. Other schools picked up the two-year, degree-granting college idea which he introduced with opening of his institution, and gave it a name.

Nothing in print, written by him, bears out this pioneering. Nothing he wrote tells of his role among the founders of the North Central Association. He had served as president, secretary and treasurer of that body. Nothing records his intimate association with the fabulous William Rainey Harper and of their collaboration which went to shape the American educational pattern.

He left nothing but a legend, and his contempt for anything but deeds runs through the legend like lightning through a summer sky.

George Noble Carman was born in Walworth, New York, in 1856. Moving to a rural Michigan community as child, he came into a life based on hard work, where homely encomiums supplemented the Ten Commandments as rule of life.

An important step in his teaching career was the A. B. he received from the University of Michigan in 1881. The degree came somewhat as an anticlimax, however, in a manner that was to prove typical of his life. He had been principal of the Ypsilanti High School, where he also carried the entire burden of English instruction, during an entire year before taking his sheepskin.

There was a good reason for staying at his Ypsilanti post during the year after he left college. She was Ada J. MacVicar of Toronto, Canada, daughter of the president of Michigan State Teachers College of that town. In 1883 they were married, launching a companionship ended by her death in 1916.

Carman, apparently initiating himself to his life-long habit of working sixteen hours per day, took on the superintendency of schools in Union City, Michigan, in 1882. By 1885 his abilities caused some talk and led to his appointment as principal of Grammar School No. 15, in a pullulating, polyglot ward of Brooklyn, New York.

The serious country boy, carrying 195 pounds on a 6 foot, 1 inch frame, was a success, even in Brooklyn. He earned an educational plum by appointment to the principalship of a high school in St. Paul, Minnesota, in 1889. He was advancing

with the migratory ruthlessness of a cyclone.

Then came the great day four years later. Morgan Park Academy, on the outskirts of Chicago of Columbian Exposition fanfare, was created by William Rainey Harper as part of his University of Chicago dream.

Nothing would do for Harper but to get the best man possible for rocking the cradle of this first test-tube baby of the Midway covenant. It was his habit, it seemed, to pick his bright young men from the sticks on occasion. George Noble Carman brought his wife, his stiff celluloid collars and his energy to Morgan Park Academy.

In 1895 George Noble Carman was a handsome man, Lewis Institute an imposing battleship of a building, bright with brass and soft with beautiful flooring and fine wood trimming. Carman wore flowing ties, grey suits, and the proud mamas of Ashland Boulevard's brownstone mansions brought their boys and girls into him with their hearts beating vigourously as their bustles swung.

George Noble Carman was a man,every testament agrees.

He began to take on habits, subtly express at first, that marked him as a supreme individualist. He patrolled the halls of five floors, shooing giggling girls and mustache-proud boys into the library, if they happened to be loitering. Even between classes, he insisted, an educational institution was what the catalogue said it was.

He took a firm hand in the school cafeteria. At first, when it was passing out of the coffee-and-doughnuts stage, a very good institutional soup was the piece de resistance. However, before many semesters, a full menu attracted most of the students living outside the immediate neighborhood as regular diners.

Carman was slightly formal with his faculty. He kept his distance in public but could be tender, if occasionally sarcastic, in private. He had a classic reply to younger, raise-hungry instructors, for use about the third time, with the look of drowning men in their eyes, they came in for more money:

"A man is no good unless he earns twice as much as he gets."

Carman was in the habit, however, of walking up casually to a teacher he hadn't seen for a while, coming to an abrupt stop, and saying:

"I like your work very much."

Always thought a strict disciplinarian by students, Carman had so many qualities that won respect he was obeyed without question. A coed, now an important personage in American educational circles, hid in a full-length locker one day the former came in wrathful search of students roughhousing in a corridor.

She stayed in the locker for twenty minutes, hoping in that time Carman would have gone his way down the corridor to other matters. However, on stepping from her hiding place, she found him confronting her with blazing eyes.

She stammered: "I'm so-oh surprised, Dr. Carman."

He was ice incarnate.

"Surprised, young woman--I'm shocked. You kept me waiting twenty minutes for you to come out of that locker."

The teams of the Institute were top-notch, especially in basketball and track. Teams were sent to the Princeton Invitational track tourneys and some were winners. Such football stars as Pat Page propped at Lewis. But the high point of each athletic year was the football game with Armour Institute, a belligerent south-side rival.

There are police officers still living who could boast of having seen the second half of every Lewis-Armour game between 1895 and 1910.

The whole thing was prearranged by Fate.

As an advertising stunt, the Armour company, whence Armour Institute capital had come, each year stocked markets selling its products with heavy oil-cloth hams, sawdust-stuffed, that dangled from stout cords. They were painted Black and Gold, to match the school's colors.

Every half-time, so bitter was the rivalry of the two young Institutes, a full-fledged riot was likely to occur in midfield between non-playing students, with spectator friends assisting.

Year after year, with the Armour hams proving a formidable weapon in the cause of righteousness, these impromptu battles took place.

The police, with a nice feeling for the sociological problems of college boys, began to arrive in time to take part in the mid-half fracas and still see the last half after order had been restored.

The Chicago Literary Club, the Union League Club, the City Club, The Chicago Ethical Society--these were the places Carman met his friends. He could quote Ruskin and Shakespeare to fit almost any occasion. He took few summer vacations, spending his summer weekends at a farm near Fennville, Michigan.

Carman remembered when in 1903 the athletic field in back of the Lewis main building had been broken up so an engineering building could be built. He remembered the many happy, married years he had spent in his flat at the Howard Apartments, located at Marshfield Avenue and Jackson Boulevard.

Then one day in June, 1935, as if tired of remembering, he called a moving van to the dormitory back of Lewis, supervised the piling of his furniture accumulated over fifty-two years, and moved out for Michigan. He rode on the front seat with the driver. Friends had tears in their eyes as they watched this bravura performance. He was seventy-nine years old.

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A committee composed of forty of the most prominent names in American education and Chicago civic life, headed by John Dewey, Robert M. Hutchins, Walter Dill Scott and Henry T. Heald, had charge of arrangements for the memorial service this afternoon.

This afternoon a great man will live again.

-JGM-

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ILLINOIS INSTITUTE OF
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FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH OPENS BASKETBALL SEASON
AMERICAN COLLEGE OF PHYSICAL EDUCATION
AT 108TH ARMORY, MONDAY, DEC. 1, 4:15 p.m.

FOR RELEASE: MONDAY 12/1/41

Opening what promises to be one of their most successful seasons in a decade the Illinois Tech basketball team will meet the American College of Physical Education quintet on Monday, December 1, at 4:15 p.m. in the 108th Engineer's Armory, home of the Techawks.

Boasting of three complete teams of about equal ability, or should we say enough stars to build three complete teams, Coach Robert E. "Remie" Meyer is in a quandry when it comes to making a selection of the starting lineup for the opener of his second season as coach of the engineers.

Perhaps the only two players sure of a starting assignment are Captain Howard Pendlebury and junior Jack Byrne. Byrne while playing guard for the Techawks last season led the team in scoring, mostly as a result of his deadly left hand hook shot from any position of the court. Pendlebury gained his maximum efficiency on rebounds and short step in shots to come within two points of Byrne's season total of 117.

Undoubtedly the biggest scrap for position this season will be for the tip-off spot with junior Ray LaGodney, 6'4", senior Dick Bergstrom, 6'4", and sophomore coop student, Bob Kidd, a 6'3", all making a strong bid for the berth. LaGodney held down the assignement for the majority of the past season with a slight edge over Bergstrom while Kidd sparked the freshmen to a successful year.

At the forward end "Romie" has four red hot prospects and quite a few in the luke warm stage. If the "age before beauty" method of selection is followed, senior Mike Carey and junior coop student, Wally Futterer will have to flip a coin to determine who will be Captain Pendlebury's running mate; both won their major awards last year. Replacing them will be "Slinging" Danny O'Connell, right handed counterpart of Jack Byrne, and standout star of last year's freshmen, and Bill Smart, sophomore coop, a transfer student from Oberlin College, who is especially brilliant under the basket.

The guard position also remains doubtful.. Bob Neuhaus and Harry Sieg, both seniors, in addition to senior Emil Galandak, a minor award winner of last season, senior Wilbert Hackbarth, a southpaw transfer from Wright Junior College, and last but not least, sophomore coop, Warren Sommers, perhaps the greatest dribbler and floorman on the entire squad, are bidding for the job of running mate to Jack Byrne.

Coach Meyer starting his second season for the Techawks, was considered a 100% success last season. Starting from scratch a few short weeks before the season opened he developed a team that won six games of a sixteen game card. In his undergraduate days (Chicago '39) he starred in baseball, football and basketball, garnering three awards in each. His latest promotion is to that of track coach of Illinois Tech's to fill a vacancy created by the illness of Norm Root.

The schedule of the season follows:

Dec. 1	American College of P. E.	Here
Dec. 4	Chicago Teachers	Here
Dec. 6	University of Chicago	There
Dec. 9	Lake Forest	There
Dec. 11	Wheaton	There
Dec. 17	North Central	There
Jan. 6	Lake Forest	Here
Jan. 9	Detroit Tech	Here

Jan. 14	Chicago Teachers	There
Jan. 17	Concordia	There
Jan. 22	Grand Rapids U.	Here
Jan. 23	American College of P. E.	There
Feb. 5	Grand Rapids U	There
Feb. 7	Detroit Tech	There
Feb. 17	Concordia	Here
Feb. 19	Lawrence Tech	Here
Feb. 24	George Williams	Here
Feb. 26	Wheaton	Here

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY - VIC. 4600

RE: WINTER INFORMAL TO RAISE FUNDS FOR
FIELD HOUSE - 12/12/41 -
SHERMAN HOTEL, GRAND BALLROOM

FOR IMMEDIATE RELEASE

Supported and planned by undergraduates, and augmented by alumni, students of Illinois Institute of Technology will hold a benefit "all-school" winter informal next Friday night, December 12, 1941, in the Grand Ballroom of the Sherman Hotel. Proceeds of the event, expected to draw an attendance of 3000 people, will be donated to the student association sponsoring a drive to raise funds for a new fieldhouse at Illinois Institute of Technology.

The dance is sponsored by all classes of the Institute and has a committee on arrangements composed of the social chairmen of all classes, and representatives of the Illinois Tech Student Association Board of Control and the Inter-fraternity Council. Chairman of the combined committee is George Pedersen, 5136 North Bernard Avenue, senior mechanical engineering student.

A feature of the dance will be the selection of a "Queen" by Alvino Rey, orchestra leader whose band will perform for the students. The queen will be selected from Lewis division coeds.

Simultaneously, students of the Institute announced through the Board of Control of their Association, that $10,000 in accumulated reserves of student activity fees, had been officially allocated to this fund, comprising the first large contribution. The announcement was made by Earl Huxhold, president of the

Association who said:

"By a unanimous ballot, the Illinois Tech Student Association Board of Control passed a resolution voting the $10,000 for the express purpose of establishing a fieldhouse fund. This money is the accumulation of excess student activity funds over past years and represents a contribution of the student body to the development program of greater Illinois Tech."

Illinois Institute of Technology, it will be recalled, subsequent to the merger of Armour Institute of Technology and Lewis Institute one year ago last July, announced plans for the creation of a new campus at an estimated cost of $3,100,000. A fund raising program designed to raise the necessary funds for the initial construction effort for the new 12 unit campus, was announced last January. Initial effort of the actual solicitation program announced one month ago resulted in over $600,000 in gifts.

The campus and physical plant will be located on the Armour College Campus where all necessary land has been already purchased for the contemplated building expansion program. The fieldhouse program will be entirely a separate effort from that of the general fund program.

According to Humhold, the resolution passed by the student Board, forms the first official step towards the attainment of a fieldhouse so sorely needed for Illinois Tech teams. The fieldhouse resolution was passed under the clause of the newly adopted constitution which states: "Any balance left at the end of the school year, after all bills have been paid, shall be placed in a fund to be at the disposal of the Board for any purpose contributing to the general welfare of the student body."

Plans for the new fieldhouse will be drawn by world famous Ludwig Mies van der Rohe, head of the Institute's architectural department. Professor van der Rohe's fame comes from recognition here and abroad of his inception of what is now called the"modern architecture."

Architect van der Rohe has been commissioned to design the entire campus of new Illinois Institute of Technology which is to be known as "Technology Center". Preliminary plans have already been submitted and some construction work is already underway.

Van der Rohe's general plan calls for thoroughly functional buildings, with a minimum of expense for "frills and marble halls." Designed to accommodate the activities of an engineering school, there will be an abundance of windows amid modern construction, embodied in a campus that is at the same time open and airy so far as layout is concerned, and yet a unit within itself, so far as the location is concerned. This design technique will be incorporated in the new fieldhouse. Associate architects are Holabird and Root, Chicago.

According to the committee in charge of the dance, it is expected that at least one thousand dollars will be realized from the "winter informal." This will, in a sense, open the campaign to raise the necessary funds, although no specific limit of goal has been established. The Student Association will be the recipient of all funds raised for the purpose and will designate the kind and size of structure to be erected and when such construction will begin.

When built, according to the student board, the fieldhouse will provide housing facilities for basketball, track, swimming, tennis, badminton, squash, and all other components of a fully-equipped and modern athletic plant. There will also be included full facilities for undergraduate sports, which may include bowling, and facilities for co-educational sports.

Members of the committee in charge of the dance are: George Pederson; Raymond Kaeding, 536 N. Lombard Avenue, Oak Park, mechanical engineering student; William Dunlap, 4949 N. Leavitt Street, architectural student; Bruce Worcestor, 1040 Wesley Avenue, Oak Park, fire protection engineering; James McNerney, 6449 N. Newland Avenue, chemical engineering; Sylvia Weislo, 4156 Archer Avenue, liberal arts; Dorothy Giambelluca, 4416 Dover Street, pre-medical; Marilyn Johler,

2536 Prairie Avenue, home economics; Bertrand Goldman, 851 Drexel Avenue, liberal arts; and Robert Creagan, 3240 South Michigan Avenue, fire protection engineering.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH BASKETBALL TEAM ATTEMPTS
SECOND WIN vs. CHICAGO TEACHERS COLLEGE
THUR. DEC. 4, 4 p.m., 108TH ENG. ARMORY

FOR IMMEDIATE RELEASE

With a decisive victory over American College to their credit, the Illinois Tech basketeers look for their second win from the Chicago Teachers College on Thursday, December 4 at 4 p.m. in the 108th Engineer's Armory, home of the Techawks.

On the basis of performance in the opening contest it appears that one of Tech's stars this coming season will most certainly be junior Ray LaGodney, 6'4" center, one of those tall boys that has just learned how to handle himself. Besides giving an almost perfect account of himself in both offensive and defensive rebounding, Ray has developed a deadly pivot line shot and proved an excellent floorman.

Tied for runner-up scoring honors in this initial encounter were a pair of guards junior Jack Byrne and sophomore coop, Warren Sommers, from the Techawk's fast break unit. Byrne, last season's top scorer, makes all of his tallies from out on the court while the majority of Sommer's counters are of the short step-in variety.

Due to the wealth of material which has confronted him this season, Coach Robert E. Meyer has subdivided his squad into three units of approximately equal ability to obtain three smooth functioning units of high scoring potentialities. Against American College 17 men were used, of which three played less than two minutes. Yet 13 men entered the scoring column to roll up Tech's 41 points while the opposition was held to 16 points.

The game Thursday is a particularly irritating thorn in the side of the Techawks, for during the course of the previous season the Teachers were responsible for two of Tech's ten defeats, and both squads are reasonably intact.

Possible starting line-up for the Techawks include Captain Howard Pendlebury and senior Harry Sieg at forward. Ray LaGodney at center. Junior Jack Byrne and senior Bob Neuhaus to do the guarding.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ROCKFORD AND BELOIT ALUMNI MEET TO FORM ILLINOIS TECH ALUMNI CLUB - 12/9/41 - 6:30 P.M., NELSON HOTEL.

FOR RELEASE: FRIDAY, 12/5/41

Alumni of Armour Institute of Technology and Lewis Institute, residents of Rockford and Beloit, will meet Tuesday, December 9, 1941, in the Nelson Hotel at 6:30 P M. to discuss plans and proceed with the establishment of an alumni club of that area.

The meeting will be a rather unique event since these alumni of the two Chicago schools will be meeting to form an organization which will be an alumni club of Illinois Institute of Technology. However, in the words of Jens D. Larsen, Lewis alumnus of the class of '34, who resides at 3308 W. Gate Parkway, Rockford, and Paul T. Abramson, Armour alumnus of the class of '32, Rockford, who is associated with the Woodward Governor Company, the men who are in charge of arrangements for the meeting, the purpose of the meeting is to bring about a consolidation of the alumni of the two schools in much the same manner as the actual consolidation of the two Chicago schools was accomplished in 1940. The meeting will hear from H. T. Heald, President of Illinois Institute of Technology, Bernard P. Taylor, his assistant, and J. Warren McCaffrey, President of the Armour Alumni group, all Chicagoans.

Armour Institute of Technology and Lewis Institute were merged in July of 1940 by a final court decree. In January of 1941, a development and fund raising program for the expansion of the merged schools was announced by the board of trustees to

provide a "technological center" in Chicago and the middle west second to none in the country. A $3,100,000 building program, embodying designs by world famous architect Mies van der Rohe, head of the school of architecture, providing for a completely functional plant, is in prospect within the next few years.

According to the co-sponsors of the Rockford-Beloit meeting, President Heald will speak about the consolidation of the two Chicago institutions, their combined importance to industry in the middle west, and the effect the development program will have in general on education. The various activities of the schools of engineering, architecture, and arts and sciences will be outlined; the work of the Armour Research Foundation, an affiliate in industrial and development research at the Institute, will be explained; and the importance of the new Institute of Gas Technology, also an affiliate of Illinois Tech, supported by the leading natural and artificial gas companies of the United States by a $1,000,000 appropriation, will be explained.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: NORTHWESTERN TAU BETA PI CHAPTER
INSTALLED - ILLINOIS TECH AND
NORTHWESTERN PLEDGES INITIATED
6 P. M., 12/6/41 - ELECTRIC CLUB.

FOR IMMEDIATE RELEASE

Initiation of pledges from Illinois Institute of Technology and Northwestern Technological Institute tomorrow night, Saturday, December 6, 1941, (starting at 6:00 o'clock), in the Electric Club of Chicago (Civic Opera Building), into Tau Beta Pi, will signify the creation for the first time at the North side school of a chapter of the national honorary engineering fraternity that is so high a coveted honor for engineering schools. The ceremonies are under the auspices of the Tau Beta Pi alumni club of Chicago.

The ceremonies tomorrow night are under the direction of R. E. Hattis, consulting engineer, Chicago, secretary of the Club. W. G. Arn, engineer for the Illinois Central Railroad, is president of the club; Lyman Flook, superintendent of buildings and grounds at The University of Chicago, is vice-president; and L. F. Bernhard, engineer for the Illinois Bell Telephone Company, is treasurer.

According to Mr. Hattis, the formal program of the evening will be the formal installation of the Tau Beta Pi chapter at Northwestern Technological Institute. Engineering colleges and universities, in the main, are considered to be of the best in the country when a chapter of this national honorary engineering fraternity has been installed at such a school. Former Armour Institute of Technology, and now Illinois Institute of Technology, has had such a chapter for many years and the officers of the latter are assisting in the installation of the Northwestern chapter.

Signifying actual installation will be the initiation of pledges to this fraternity for the present academic year for both the Illinois Tech and Northwestern chapters. Toastmaster for the evening will be Alex D. Bailey, trustee of Illinois Tech and chief operating engineer of the Commonwealth Edison Company. Speakers are: H. T. Heald, president, Illinois Institute of Technology; John J. Schommer, director of placement, athletic director, and professor of industrial chemistry, Illinois Institute of Technology; and O. V. Eshbach, dean, Northwestern Technological Institute.

Students to be initiated for high scholastic standing and extra-curricular activities, prerequisites for pledging to the fraternity are . . FOR ILLINOIS INSTITUTE OF TECHNOLOGY: R. N. Bergstrom, senior civil engineer; G. P. Griebel, senior mechanical engineer; Joseph Kunst, senior electrical engineer; B. J. Milleville, fourth year cooperative mechanical engineer; H. G. Pendlebury, basketball captain, senior electrical engineer; G. T. Popp, senior mechanical engineer; B. P. Sarasin, senior electrical engineer; R. A. Simonsen, senior civil engineer; P. F. Vander Ploeg, fourth year cooperative mechanical engineer (all are from Chicago).

FOR NORTHWESTERN TECHNOLOGICAL INSTITUTE: Harry E. Albright, senior mechanical engineer, 3638 Central Street, Kansas City, Mo.; Wallace R. Giedt, senior industrial engineer, Chicago; Joseph Love, senior civil engineer, Chicago; Edward McMillan, senior civil engineer, 43 Harwood Street, Pittsburgh, Pa., Stephen Ronzheimer, senior electrical engineer, Chicago; Stanley Skaiseis, senior mechanical engineer, Chicago; Leonard Sloma, senior mechanical engineer, Chicago; Aubrey A. Smith, senior electrical engineer, Chicago.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY--VIC. 4600

RE: FIELD HOUSE FUND

FOR IMMEDIATE RELEASE

Supported and planned by undergraduate students of Illinois Institute of Technology today officially opened a drive to raise funds for a new field house for the south side campus. Led by student board members, 1300 day school students cavorted and cheered in the rain on Tech's Ogden field around a bonfire and then adjourned to the student auditorium to listen to addresses by John J. Schommer, Tech athletic director, central figure in the drive for the new field house, and student leaders.

As part of their plan to raise funds, students are conducting a "winter informal" dance at the Sherman Hotel, Friday, December 12, 1941 - proceeds from which will augment the field house. Three thousand couples are expected to attend.

Simultaneously, students of the Institute announced through the Board of Control of their Association, that $10,000 in accumulated reserves of student activity fees, had been officially allocated to this fund, comprising the first large contribution. The announcement was made by Earl Huxhold, president of the

Association who said:

"By a unanimous ballot, the Illinois Tech Student Association Board of Control passed a resolution voting the $10,000 for the express purpose of establishing a fieldhouse fund. This money is the accumulation of excess student activity funds over past years and represents a contribution of the student body to the development program of greater Illinois Tech."

Illinois Institute of Technology, it will be recalled, subsequent to the merger of Armour Institute of Technology and Lewis Institute one year ago last July, announced plans for the creation of a new campus at an estimated cost of $3,100,000. A fund raising program designed to raise the necessary funds for the initial construction effort for the new 12 unit campus, was announced last January. Initial effort of the actual solicitation program announced one month ago resulted in over $600,000 in gifts.

The campus and physical plant will be located on the Armour College Campus where all necessary land has been already purchased for the contemplated building expansion program. The fieldhouse program will be entirely a separate effort from that of the general fund program.

According to Hubhold, the resolution passed by the student Board, forms the first official step towards the attainment of a fieldhouse so sorely needed for Illinois Tech teams. The fieldhouse resolution was passed under the clause of the newly adopted constitution which states: "Any balance left at the end of the school year, after all bills have been paid, shall be placed in a fund to be at the disposal of the Board for any purpose contributing to the general welfare of the student body."

Plans for the new fieldhouse will be drawn by world famous Ludwig Mies van der Rohe, head of the Institute's architectural department. Professor van der Rohe's fame comes from recognition here and abroad of his inception of what is now called the"modern architecture."

Architect van der Rohe has been commissioned to design the entire campus of new Illinois Institute of Technology which is to be known as "Technology Center". Preliminary plans have already been submitted and some construction work is already underway.

Van der Rohe's general plan calls for thoroughly functional buildings, with a minimum of expense for "frills and marble halls." Designed to accommodate the activities of an engineering school, there will be an abundance of windows amid modern construction, embodied in a campus that is at the same time open and airy so far as layout is concerned, and yet a unit within itself, so far as the location is concerned. This design technique will be incorporated in the new fieldhouse. Associate architects are Holabird and Root, Chicago.

According to the committee in charge of the dance, it is expected that at least one thousand dollars will be realized from the "winter informal." This will, in a sense, open the campaign to raise the necessary funds, although no specific limit of goal has been established. The Student Association will be the recipient of all funds raised for the purpose and will designate the kind and size of structure to be erected and when such construction will begin.

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Members of the committee in charge of the dance are: George Pederson; Raymond Kaeding, 536 N. Lombard Avenue, Oak Park, mechanical engineering student; William Dunlap, 4949 N. Leavitt Street, architectural student; Bruce Worcester, 1040 Wesley Avenue, Oak Park, fire protection engineering; James McNerney, 6449 N. Newland Avenue, chemical engineering; Sylvia Weislo, 4156 Archer Avenue, liberal arts; Dorothy Giambelluca, 4416 Dover Street, pre-medical; Marilyn Johler,

2536 Prairie Avenue, home economics; Bertrand Goldman, 851 Drexel Avenue, liberal arts; and Robert Creagan, 3240 South Michigan Avenue, fire protection engineering.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH AT LAKE FOREST COLLEGE,
12/9/41, 8 p.m.

FOR IMMEDIATE RELEASE

On Tuesday evening at 8 p.m. the Illinois Tech basketball team will attempt to even their won and lost percentage when they invade Lake Forest College. It will be the opening collegiate contest for the Jaybirds.

Winning their opener against American College, the Techmen were highly elated over what quite possibly could have been an undefeated season. Then the Chicago Teachers College burst the bubble and humbled the Engineers to the tune of 40 - 25. Saturday night's performance against the University of Chicago was humiliating. It was simply a bad case of stagefright. Even the veterans, and Tech has seven of them on the squad, were extremely jittery before the huge crowd.

From the basis of the Maroon contest it appears that Warren Sommers, a sophomore cooperative student in mechanical engineering, and the smallest man on the squad 5'9" and 150#), is the most consistent player on the club.

A marked man in this contest was a junior guard, Jack Byrne, whom the Maroons remembered only too vividly from last year's encounter. Playing the spearhead of a zone defense for the first half also seriously sapped his strength.

The North Shore aggregation headed by Coach Evert Larson will present a starting lineup composed entirely of returning lettermen from last year's team which won 14 while losing 3, to place second in the Illinoic College Conference.

Starting forwards for the Foresters will be William Bell and Robert Patterson with 6'3" Lyle Johnson at center. Guards will be Floyd Gates and Robert Rhine.

Opposing them will be Wally Futterer and Captain Howard Pendlebury at forward for the Techawks with 6'4" Ray LaGodney at center and diminuitive 5'9" pair of guards, Jack Byrne and Warren Sommers.

PROBABLE STARTING LINE-UP

LAKE FOREST	POS	ILLINOIS TECH
Bell	F	Pendlebury (Capt)
Patterson	F	Futterer
Johnson	C	LaGodney
Rhine (Capt)	G	Byrne
Gates	G	Sommers

-END-

1241-11

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH RELAY GAMES
UNIVERSITY OF CHICAGO FIELD
HOUSE - MARCH 14, 1942

FOR IMMEDIATE RELEASE

John J. Schommer, athletic director at Illinois Institute of Technology, today announced the date for the Illinois Tech Relay Games . . . . the fourteenth of the series . . . . as Saturday afternoon and evening, March 14, 1942. Invitations announcing the date and making possible preliminary registration are being mailed to 500 colleges and universities in the United States.

According to Mr. Schommer, the Games, formerly known as the Armour Tech Relay Games, will be held the week-end following the Big Ten meet. As has been the custom, the Tech Games will climax the indoor track and field season in the midwest and will be held in the University of Chicago fieldhouse.

Under consideration by the committee in charge of the Games is the complete segregation of teams into two divisions- although this has been the practice to a limited extent during past years, it has been the custom to maintain the field events and two track events as "open events" with both college and university talent competing as a group. If the decision of the committee in charge is towards complete segregation, the "open" competition will be eliminated and two complete and distinct competitions will be held - separate cups and medals will be offered in each division with team championship competition in each field. In previous years cups for college division championship only were awarded, however, mythical champions for the division were picked.

At the same time, Mr. Schommer announced a tentative schedule of events for competition in each division as follows: 70 yard dash; 70 yard high and low hurdles; 440 yard run; one mile run; high jump; pole vault; shot put; one mile relay; two mile relay; and sprint medley relay. In addition there will also be the junior college special relay and the Chicago high school special relay.

The committee in charge of the Games assisting Mr. Schommer, chairman, are, G. S. Allison, Illinois Tech treasurer; T. N. Metcalf, athletic director, University of Chicago; R. E. Meyer, track coach, Illinois Tech; Bernard Weissman, assistant athletic director, Illinois Tech; and Alexander Schreiber.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE:BASKETBALL - WHEATON AT ILLINOIS TECH
4:15 P.M. - 12/11/41

FOR IMMEDIATE RELEASE

Still looking for the second win of the season, Illinois Tech's basketball squad will play host to Wheaton College on Thursday afternoon, December 11, 1941 on Tech's home court. (The original schedule called for this game to be played at Wheaton - THIS IS A HOME GAME - the game at Wheaton will be played there February 26, 1942).

The WAR has finally caught up with Illinois Tech. Warren Sommers, current leading scorer of the Techawk quintet and one of the finest defensive players, has enlisted in the Navy, and Great Lakes gets another star.

Sommers, one of Tech's cooperative students that spend alternate eight week periods at school and in industry, was sent to Detroit by his employer at the beginning of last year's season. This eight week work period nicely blanketed the basketball season so that he did not see action. This year, his second on the squad, he made 14 field goals and five free throws for 33 points in four games, one fourth of Tech's total, to lead all Tech scorers. His free throw coversion was better than 70%.

Warren, although the smallest man on the squad physically, is 5'9" tall and weighs 150 pounds. He is beyond a doubt the biggest man in ability. As a ball thief he probably has no equal in the Big Ten. In the last games against Lake Forest and the University of Chicago this trait was capitalized on with the arrangement being made for his teammates to cover up for him if he should miss the interception and lose his man. The Maroons were the victims of four of these onslaughts, and coupled

with one rebound shot for 10 points. Warren Sommers was the only creditable performer for the Techawks.

At any rate the Techawks will miss him. To plug this gap Coach "Remie" Meyer will probably shift another co-op, Wally Futterer to Sommer's position as mate to Captain Howard Pendlebury at the forward positions. Junior Ray LaGodney will retain his tip-off job and senior Harry Sieg is the most likely man to take Futterer's place along side of junior Jack Byrne at guard in the starting line-up.

Probable starting line-up:

WHEATON	POSITION	ILLINOIS TECH
Baptista	F	Pendlebury (Capt.)
De Wolfe	F	Futterer
Foster	C	LaGodney
Edwards	G	Byrne
Ewing (Capt.)	G	Sieg

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH BASKETBALL TEAM AT
NORTH CENTRAL, WEDNESDAY EVENING,
12/17/41

FOR IMMEDIATE RELEASE

On Wednesday evening, December 17th, the Illinois Tech basketball team will travel to Naperville where they are to meet the North Central Cardinals at 8 P.M.

The last time the Techawks entered the Redbird Fieldhouse in Naperville was February 19, 1941, the final game of the season for the Engineers and one that will never be forgotten, for North Central ran up a record score of 85-28 against them.

This time it is different. The Engineers are gunning for their third win in six starts while it is only the second start for the Cardinals. The line-up remains practically unchanged with four of North Central's major lettermen in the opening lineup and all but one of the Engineers intact.

North Central's Coach Len Bieber will start junior Glen Mast and senior Tom Wedsworth at forwards, with junior Jim Bates at center and seniors Walt Anderson and Harry Smith to do the guarding. Mast, the only non-letterman, is a transfer student from Purdue University where he made quite a name for himself on the freshman team. Injuries kept him out of the game last season.

Captain Howard Pendlebury will lead the Techawks from the forward position where he holds the team's scoring honors at the present time with 33 tallies. Wally Futterer, a fourth year cooperative student should start at the other forward position. Futterer got off to a fine start this season when he suffered a broken finger in practice. He has played the last few games with the injured member in splints which has slowed him down somewhat.

Junior Ray LaGodney is still holding down his center position for the Engineers although, sophomore coop, Bob Kidd is giving him plenty of competition for the starting berth.

Jack Byrne, a junior guard has begun to hit his stride and may be expected to walk off with top score as he did throughout the past season. Harry Sieg will most likely complete the starting unit of all lettermen for the North Central match.

Having an abundance of material at the start of the season Coach Robert E. Meyer had some difficulty in getting any sort of team play from a large aggregation of stars. They finally found themselves and against Wheaton, plays were carried through with precision and the fast break, Tech's standby, was flawless.

Probable starting line-up:

North Central	Pos.	Illinois Tech
Mast	F	Pendlebury (Capt.)
Wedsworth	F	Futterer
Bates	C	LaGodney
Anderson	G	Byrne
Smith	G	Sieg

-EHC-

1241-16

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: APPOINTMENTS TO ARMOUR RESEARCH FOUNDATION

FOR IMMEDIATE RELEASE

Harold Vagtborg, Director of the Armour Research Foundation, at Illinois Institute of Technology today announced five new appointees to the research staff and the promotion of a sixth to care for expanded industrial research projects in the midwest. Three of these appointments are in the Metallurgy Section of the Foundation, and will coordinate work in chemistry and metallurgy under the recently announced $250,000 expansion program of this section. The other three appointments are in the rapidly growing Chemical Engineering Section.

Late in October, Mr. Vagtborg announced the letting of a contract for the construction and equipping of a new metallurgical research unit to supplement existing facilities for work in this field. At that time he pointed out that $250,000 would be spent for plant and facilities to conduct existing metallurgical research problems and to provide for future demand. The work includes research in dolomites, heat treatment of steels, foundry moulding materials, wire alloys and drawing, to mention only a few, for such companies as American Steel Foundries, Inland Steel Company, Wehr Steel Company, Revere Copper and Brass Company and the Pfanstiehl Chemical Company.

To direct the activities of the metallurgical research section Mr. Vagtborg today announced the promotion of Dr. R. G. Spencer, research physicist of the Foundation to the position of CHAIRMAN OF METALLURGICAL RESEARCH. Dr. Spencer resides

at 5541 Everett Avenue in Chicago, and was on leave from Albion College (Albion, Michigan) in June, 1941, when he joined the staff of the Foundation as research physicist. He was professor and head of the Department of Physics at Albion. His undergraduate degree was awarded at Kansas State College and he received his Master's and Doctor's degrees from the University of Chicago in 1926 and 1932 respectively. He is 43 years old and his parents, Mr. and Mrs. A. M. Spencer, reside at 1100 Constitution Street, Emporia, Kansas.

Assisting in the metallurgical section will be two new appointees who are: Dr. W. H. Earhart, Columbus, Ohio, a graduate of Ohio State University; and George Stern, New York City, a graduate of the College of the City of New York and the University of Michigan. Added to the Chemical Engineering Section are Dr. Clyde W. Leaf, New York City, a graduate of Columbia University and a native of Evansville, Indiana; Clark E. Thorp, Cleveland, Ohio, a graduate of Fenn College of that city; and Robert C. Bour, Chicago, a graduate of the Central Y.M.C.A. college here.

Dr. Leaf was formerly with Givaudan-Delawanna, Inc. New York City. He received the A.B. degree from Evansville College (Indiana) in 1934 and completed his graduate studies at Columbia University (Ph.D.) in 1941. His research work will form a link between problems in chemistry and metallurgy. He resides at 8108 So. LaSalle Street. His parents, Mr. & Mrs. A. D. Leaf, reside in Evansville (R.R. #3).

Dr. Earheart joins the staff as ceramist in the metallurgy section. He received his training at Ohio State University in chemical engineering, obtaining the Ph.D. degree in 1939. He comes to the Foundation from the Edward Orton, Jr. Ceramic Foundation in Columbus where his parents, Mr. & Mrs. W. W. Earhart, reside at 86 Chittenden Avenue. He resides at 63rd & Woodlawn in Chicago.

Clark E. Thorp is a graduate of Fenn College (Cleveland) and comes to the Foundation from the Ozo-Ray Process Corporation in Chicago. His parents, Mr. & Mrs. A. C. Thorp, reside at 2010 Natchez Avenue in Cleveland. He resides at 1519 N. State Parkway in Chicago.

George Stern served as assistant metallurgist and research metallurgist for the American Electro Metal Corporation in Younkers, New York, before joining the staff of the Foundation. He is a graduate of the College of the City of New York (chemical engineering) and the University of Michigan (master of science in chemistry and metallurgy). His mother resides at 1326 Grand Concourse in New York City. He has been appointed as metallographer at the Foundation. He resides at 5649 Dorchester Avenue, Chicago.

R. C. Bour was formerly development chemist for Ditto, Inc., Chicago. He resides at 1804 W. Congress Street, Chicago.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS INSTITUTE OF
TECHNOLOGY ALUMNI SECRETARY

FOR IMMEDIATE RELEASE

Arthur E. Wright (Illinois Institute of Technology '41) has been appointed executive secretary of the Alumni Association of Illinois Institute of Technology. This announcement was made today by President H. T. Heald.

Mr. Wright, at the time of his appointment, was associated with the Young Men's Christian Association in Indianapolis, Indiana. His office for the present is at 79 West Monroe Street, Room 400.

Though the new secretary has only recently completed his college training, he comes to the college with an unusually broad experience in the business world. At the close of his first year in high school it became necessary that he find employment. He went to work and entered evening school at Englewood High School, Chicago. He continued this routine until he was ready for college.

He entered day school at Lewis Division of Illinois Tech and worked at night. During these years he worked for various firms in such capacities as shipping room office boy, messenger boy, life-saving examiner and clerk, swimming instructor, collector, salesman, switchboard operator, recreational leader, waterfront director, physical education instructor, post-office clerk, and officer in the United States Department of Justice.

Mr. Wright holds a bachelor of physical education degree from the American College of Education in addition to the bachelor of science degree which he received from Illinois Tech last June.

In his new position Mr. Wright will act as liaison officer between the Institute and the alumni. His duties will include giving assistance to officers of the Alumni Association by maintaining a permanent alumni office which will serve them by performing all routine alumni office duties. He will administer the alumni program and form contacts with alumni clubs and divisions.

A comprehensive alumni program is being projected which includes the organization of alumni clubs in principal cities throughout the country. The new secretary plans to inaugurate a plan for the cooperation of the alumni in a new student program and to put into operation an annual plan of alumni giving.

-SKW-

1241-20

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: MINNEAPOLIS ALUMNI MEET TO FORM
ILLINOIS TECH ALUMNI CLUB
12/29/41 - 6:30 P.M.
CURTIS HOTEL, SOLARIUM ROOM.

FOR IMMEDIATE RELEASE

Alumni of Armour Institute of Technology and Lewis Institute, residents of metropolitan Minneapolis, will meet Monday evening, December 29, in the Curtis Hotel (Solarium Room), at 6:30 P.M. to discuss plans and proceed with the establishment of an alumni club of Illinois Institute of Technology (Chicago) for the metropolitan area.

The meeting will be a unique event since the Minneapolis alumni of the two Chicago schools will be meeting to form an organization which will be an alumni club of Illinois Institute of Technology. However, in the words of George L. Shoppe, Lewis alumnus of the class of '17 who resides at 3123 Cleveland Street, Minneapolis, and Carl H. Johnson, Armour alumnus of the class of '29 who resides at 5340 Pennsylvania Avenue, South, Minneapolis, the men who are in charge of arrangements for the meeting, the purpose of the meeting is to bring about a consolidation of the alumni of the two schools in much the same manner as the actual consolidation of the two Chicago schools which was accomplished in 1940. The meeting will have as guest speakers Joseph B. Finnegan, Professor and Director of Fire Protection Engineering, and Bernard P. Taylor, assistant to the President, all Chicagoans and members of the staff of Illinois Institute of Technology.

Armour Institute of Technology and Lewis Institute were merged in July of 1940 by a final court decree. In January of 1941, a development and fund raising program for the expansion of the merged schools was announced by the board of trustees to

provide a "technological center" in Chicago and the middle west second to none in the country. A $3,100,000 building program, embodying designs by world famous architect Mies van der Rohe, head of the school of architecture, providing for a completely functional plant, is in prospect within the next few years.

According to the co-sponsors of the Minneapolis meeting, Professor Finnegan and Mr. Taylor will speak about the consolidation of the two Chicago institutions, their combined importance to industry in the middle west, and the effect the development program will have in general on education. The various activities of the schools of engineering, architecture, and arts and sciences will be outlined; the work of the Armour Research Foundation, an affiliate in industrial and development research at the Institute, will be explained; and the importance of the new Institute of Gas Technology, also an affiliate of Illinois Tech, supported by the leading natural and artificial gas companies of the United States by a $1,000,000 appropriation, will be explained.

Carl H. Johnson is a special agent for the Crum and Forster Company, 1406 Northwestern Bank Building, Minneapolis. He graduated from Armour Institute of Technology in 1929 as a fire protection engineering student.

George L. Shoppe, Shoppe Engineering Company, 2118 Lyndale Avenue, South, Minneapolis, is a mechanical engineering graduate of Lewis Institute, class of 1917.

It is expected that the 64 alumni of the two schools residing in the Minneapolis area will attend this meeting.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASKETBALL - LAKE FOREST HERE
TUESDAY 1/6/42 4:15 PM

FOR RELEASE: MONDAY, 1/5/42

On Tuesday afternoon (1/6/42) the Illinois Tech basketball team will play host to Lake Forest College in an effort to even up the seven point defeat which was dealt to them in their first meeting this season.

Individual star of the first game, however, was Techawk Captain Howard Pendlebury who tallied seven field goals and a free throw for fifteen points before he was retired from the game on personal fouls. He is expected to be the spearhead of the Techawk assault on the Jaybirds from the North Shore. Running mate to Pendlebury at the starting forward position will be junior coop student, Wally Futterer. Futterer, handicapped in the early part of the season by a broken finger, got off to a slow start, but his terrific speed and deadly accuracy from within the pivot line may be a deciding factor in the coming tilt.

Coach Everett Larson's Lake Forest quintet does not seem to depend upon any one individual for scoring but rather free shoooting by all members of the starting five, and none by replacements for it is in this department that the Foresters are notably weak. In the first contest the Jaybirds used seven men, and the two substitutes did not score.

Leading the North Shore aggregation from the guard position will be Captain Robert Rhine with senior Floyd Gates as his running mate. Junior Lyle Johnson will handle the tip-off assignment for the Foresters and seniors Francis Dishinger and Robert Patterson are to work at the forward positions.

Most probable starting center for the Engineers is junior Ray LaGodney with sophomore Bob Kidd ready to take over when the Foresters are worn down to size and the fast break style of play becomes an effective offense for the Engineers. LaGodney uses his height to advantage, but Kidd is the faster of the two.

Techawk's Coach "Remie" Meyer's selection for starting guard assignments will undoubtedly include junior Jack Byrne and senior Harry Sieg. Sophomore Warren Sommers was the Engineer's standout star in this department and was leading in team scoring with one-fourth of the total points when the war broke out - he enlisted in the United States Navy. Byrne led in team scoring last season but hasn't seemed to hit his stride as yet this year. Perhaps the vacation of the last two weeks will permit him to return to form. Sieg is a highly dependable player and especially valuable when the going gets rough when his 185 pounds act as a firm anchor.

PROBABLE STARTING LINEUP:

LAKE FOREST	POS.	ILLINOIS TECH
Dishinger	F	Pendlebury (Capt.)
Patterson	F	Futterer
Johnson	C	LaGodney
Rhine (Capt.)	G	Byrne
Gates	G	Sieg

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASKETBALL - DETROIT TECH AT ILLINOIS TECH, 4:00 P.M., FRIDAY, JANUARY 9TH

FOR IMMEDIATE RELEASE

On Friday, January 9th the Detroit Tech basketball team will travel to Chicago where they will meet Illinois Tech in a contest to start at 4:00 P.M. in the college gym. This will be the first meeting of the two teams in Chicago, the first of a home and home series. In other years it was merely a single contest played in the Motor City.

To date the Chicago Engineers have won but two of their seven starts but showed good recuperative powers in their second half drive against Lake Forest Tuesday night. Trailing by 12 points at the halftime, the Techawks came within three points of the Foresters when a skillful stalling game drew fouls upon which the victors capitalized to strengthen their lead.

Coach Julius Goldman's Detroit team may be summed up as the long and short of things for their two leading scorers are 5'4" Leo Poladian forward and 6'4" guard Ted Rybicki. Other teammates include Captain Joe Slezinger, forward; center Joe Steventon and guard Bill Litt.

The starting lineup which has proved most effective for Coach "Remie" Meyer's Illinois Tech team is composed of Captain Howard Pendlebury, leading scorer, playing at forward along with Bill Smart sophomore cooperative student. Another coop, junior Wally Futterer plays at guard as running mate to Jack Byrne, southpaw push shot artist. Junior Ray LaGodney 6'4" handles the tip-off assignment for the Chicagoans.

PROBABLE STARTING LINEUP:

DETROIT TECH	POS.	ILLINOIS TECH
Poladian	F	Pendlebury (Capt.)
Slezinger (Capt.)	F	Smart
Steventon	C	LaGodney
Rybicki	G	Byrne
Litt	G	Futterer

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: WASHINGTON, D. C. ALUMNI MEET
TO FORM ILLINOIS TECH ALUMNI
CLUB - 1/8/42 - 6:30 P.M.
COSMOS CLUB

FOR IMMEDIATE RELEASE

Alumni of Armour Institute of Technology and Lewis Institute, residents of Washington, D. C., will meet Thursday evening, January 8, 1942, in the Cosmos Club at 6:30 o'clock to discuss plans and proceed with the establishment of an alumni club of that area.

The meeting will be a rather unique event since these alumni of the two Chicago schools will be meeting to form an organization which will be an alumni club of Illinois Institute of Technology. However, in the words of D. F. Holtman, Armour alumnus of the class of '12, who resides at 5616 Western Ave., Chevy Chase, Maryland, and E. G. Nourse, Lewis alumnus of the class of '04, 26 Jackson Place, Washington, the men who are in charge of arrangements for the meeting, the purpose of the meeting is to bring about a consolidation of the alumni of the two schools in much the same manner as the actual consolidation of the two Chicago schools was accomplished in 1940. The meeting will hear from H. T. Heald, President of Illinois Institute of Technology.

Armour Institute of Technology and Lewis Institute were merged in July of 1940 by a final court decree. In January of 1941, a development and fund raising program for the expansion of the merged schools was announced by the board of trustees to provide a "technological center" in Chicago and the middle west second to none in the

country. A $3,100,000 building program, enbodying designs by world famous architect Mies van der Rohe, head of the school of architecture, providing for a completely functional plant, is in prospect within the next few years.

According to the co-sponsors of the Washington meeting, President Heald will speak about the consolidation of the two Chicago institutions, their combined importance to industry in the middle west, and the effect the development program will have in general on education. The various activities of the schools of engineering, architecture, and arts and sciences will be outlined; the work of the Armour Research Foundation, an affiliate in industrial and development research at the Institute, will be explained; and the importance of the new Institute of Gas Technology, also an affiliate of Illinois Tech, supported by the leading natural and artificial gas companies of the United States by a $1,000,000 appropriation, will be explained.

Mr. Holtman, first of the co-sponsors of the Washington, D. C. meeting, graduated from Armour Institute of Technology in '12 with the Bachelor of Science degree in civil engineering. He is now Washington representative of the H. M. Byllesby Co., 744 Jackson Place. Mr. Nourse is Director of the Institute of Economics of Brookings Institute, 722 Jackson Place, N.W. and he completed his studies at Lewis Institute in Chicago in '04.

AS

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: SWIMMING - ILLINOIS TECH AT DEPAUW,
GREENCASTLE, INDIANA, SATURDAY,
JANUARY 10TH.

FOR IMMEDIATE RELEASE

The Illinois Tech swimming team will travel to Greencastle, Indiana, where they will meet the DePauw tankmen in the first of the traditional home and home series of some years standing.

The Engineers have won their only start to date, defeating Illinois Wesleyan 46-20 in Bartlett Pool on the University of Chicago campus, home of the Techawks. DePauw in their home tank swim the longer collegiate distances and always present tough opposition for the poorly conditioned Engineers. In last years series the Greencastle team was king of the roost defeating Illinois Tech in both meets of the series.

One Good reason why Illinois Tech should win this meet, however, is the return of Whitney Pearson, who was absent from school for one year. After going through his freshman season undefeated in the 100 yd. freestyle, he was bettered only in the shorter sprint by Harold Henning of North Central, ranking A.A.U. champ. Pearson learned the fundamentals of the sport as a member of Lane Tech's city and state championship teams in '39. His father is Lane's diving coach.

First to enter the tank for the Engineers will be Captain Earle Huxhold on the first leg of the medley relay, swimming the backstroke. Huxhold was the leading scorer for the Techawks last season, consistently winning his event and sparking the medley relay team to a high percentage of wins.

His principal opponent will be Rodger Johnson, junior from Chicago. Johnson holds the DePauw varsity record in the 150 yd. back stroke.

The one event in which DePauw is most likely to be victorious is the 200 yd breast stroke. Tech has no capable breastroker, having lost three exceptional men via graduation or scholastic inability from last season's squad. This leaves an open path for Greencastle's senior John Johnson of Chicago.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: PHILADELPHIA ALUMNI MEET
TO FORM ILLINOIS TECH ALUMNI
CLUB - 1/19/42 - 6:30 P.M.
UNION LEAGUE CLUB

FOR IMMEDIATE RELEASE

Alumni of Armour Institute of Technology and Lewis Institute (Chicago), residents of Philadelphia, will meet Tuesday evening, January 19, 1942, in the Union League Club at 6:30 o'clock to discuss plans and proceed with the establishment of an alumni club of this area.

The meeting will be a rather unique event since Philadelphia alumni of the two Chicago schools will be meeting to form an organization which will be an alumni club of Illinois Institute of Technology. However, in the words of Mr. H. L. Strube, Armour alumnus of the class of '06, who resides at 5631 Wissahickon Avenue, Philadelphia, and Mr. Frank J. Wise, Lewis alumnus of the class of '14, 200 North Landsdowne Avenue, Lansdowne, Pa., the men who are in charge of arrangements for the meeting, the purpose of the meeting is to bring about a consolidation of the alumni of the two schools in much the same manner as the actual consolidation of the two Chicago schools was accomplished in 1940. The meeting will hear from H. T. Heald, President of Illinois Institute of Technology, and B. P. Taylor, his assistant.

Armour Institute of Technology and Lewis Institute were merged in July of 1940 by a final court decree. In January of 1941, a development and fund raising program for the expansion of the merged schools was announced by the board of trustees to provide a "technological center" in Chicago and the middle west second to none in the country. A $3,100,000 building program, enbodying designs by world famous architect Mies van der Rohe, head of the school of architecture, providing for a completely

functional plant, is in prospect within the next few years.

According to the co-sponsors of the Philadelphia meeting, President Heald will speak about the consolidation of the two Chicago institutions, their combined importance to industry in the middle west, and the effect the development program will have in general on education. The various activities of the schools of engineering, architecture, and arts and sciences will be outlined; the work of the Armour Research Foundation, an affiliate in industrial and development research at the Institute, will be explained; and the importance of the new Institute of Gas Technology, also an affiliate of Illinois Tech, supported by the leading natural and artificial gas companies of the United States by a $1,000,000 appropriation, will be explained.

Mr. Strube graduated from Armour Institute of Technology as a mechanical engineer in '06 and is chief engineer of the Philadelphia branch of the Link Belt Company, 2045 Hunting Park Avenue. Mr. Wise is an insurance broker with offices in the Public Ledger Building. He graduated from Lewis Institute with the Bachelor of Science degree in mechanical engineering in '14.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: PITTSBURGH ALUMNI MEET TO FORM
ILLINOIS TECH ALUMNI CLUB
1/23/42 - HOTEL FT. PITT -
6:30 P.M.

FOR IMMEDIATE RELEASE

Alumni of Armour Institute of Technology and Lewis Institute (Chicago), residents of Pittsburgh, will meet Friday evening, January 23, 1942, in the Hotel Fort Pitt at 6:30 o'clock to discuss plans and proceed with the establishment of an alumni club of this area.

The meeting will be a rather unique event since these alumni of the two Chicago schools will be meeting to form an organization which will be an alumni club of Illinois Institute of Technology. However, in the words of Mr. H. P. Richter, Armour alumnus of the class of '32, Mr. H. A. Strain, Armour class of '15, and Mr. G. D. Bradshaw, Lewis Academy class of '00, the men who are in charge of arrangements for the meeting, the purpose of the meeting is to bring about a consolidation of the alumni of the two schools in much the same manner as the actual consolidation of the two Chicago schools was accomplished in 1940. The meeting will hear from H. T. Heald, President of Illinois Institute of Technology.

Armour Institute of Technology and Lewis Institute were merged in July of 1940 by a final court decree. In January of 1941, a development and fund raising program for the expansion of the merged schools was announced by the board of trustees to provide a "technological center" in Chicago and the middle west second to none in the country. A $3,100,000 building program, enbodying designs by world famous architect Mies van der Rohe, head of the school of architecture, providing for a completely func

functional plant, is in prospect within the next few years.

According to the sponsors of the Pittsburgh meeting, President Heald will speak about the consolidation of the two Chicago institutions, their combined importance to industry in the middle west, and the effect the development program will have in general on education. The various activities of the schools of engineering, architecture, and arts and sciences will be outlined; the work of the Armour Research Foundation, an affiliate in industrial and development research at the Institute, will be explained; and the importance of the new Institute of Gas Technology, also an affiliate of Illinois Tech, supported by the leading natural and artificial gas companies of the United States by a $1,000,000 appropriation, will be explained.

Mr. Richter, who resides at 125 Baywood Avenue, Mt. Lebanon, Pa., and who is with the Real Estate Department of the Carnegie-Illinois Steel Corporation, graduated from Armour Institute of Technology with a civil engineering degree in '32. Mr. Strain, A rmour class of '15, resides at 311 Jefferson Drive, Pittsburgh and director of raw material, fuel, and power for the Carnegie-Illinois Steel Corporation. Mr. Bradshaw is an academy graduate of Lewis Institute and an alumnus of the class of '04 of the University of Michigan. He resides at 186 Beaver Street, Beaver, Pa., and is President of Bradshaw and Company, 530 Fourth Street, Pittsburgh.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ACCELERATION OF EDUCATIONAL PROGRAM - SENIORS TO GRADUATE MAY 15, - ONE MONTH AHEAD OF SCHEDULE.

FOR IMMEDIATE RELEASE

H. T. Heald, president of Illinois Institute of Technology, today announced specific action taken by the faculty designed to ACCELERATE the graduation of engineers so vital to the defense effort. The Faculty decided to eliminate between-semester holidays, spring circus week, Easter holidays, to give final examinations during the last week of instruction rather than to set aside a separate week for this purpose. This makes it possible for the Institute to award degrees to senior students on May 14, 1942 rather than the planned awarding of degrees on June 11th, 1942.

In making announcement of acceleration of the teaching program, Mr. Heald pointed out that in the opinion of the faculty of the Institute, the most important job of Illinois Tech was the training of competent engineers - engineers just as well equipped professionally now and during the continuing period of the emergency as in years past. To this end, the teaching program of the Institute will NOT be varied greatly for on competent engineers does ultimate victory depend.

Dean L. E. Grinter, Vice President of the Institute, explained that in order to make possible the graduation of seniors one month in advance, the schedule of the Institute has been revamped. The current semester final examinations will begin January 19th as compared to the scheduled date of January 26. Registration for the second semester will be January 29th and 30th, and classes will begin on February 2nd.

With speeding-up of the first semester and the elimination of spring recess and Junior Week (devoted to student stunts and open house), and the making of final examinations a part of the regular instructional period during the week of May 11th, it will be possible to hold the Baccalaureate Services and the Commencement exercises so that seniors can be graduated on Thursday, May 14th. In this way one month will be cut from the second semester span.

Although the elimination of holidays and the speeding-up of between-semester clerical operations will undoubtedly work hardships on students and staff alike, Mr. Heald pointed out that this is WAR. . . .and that every effort of the Institute would be directed toward final victory. To this end, the Institute will place increasing importance on the well established ENGINEERING, SCIENCE, AND MANAGEMENT DEFENSE TRAINING program which has been in operation for more than one year.

What the future will bring, so far as running the Institute on a 12 month basis is concerned, was not voiced by the president. However, he did point out that should the necessary steps be taken by the administrators in Washington, the Institute stands ready to cooperate in every way possible. As a matter of fact, preliminary steps are now being taken to reorganize the entire teaching program so that it will be possible to graduate present juniors in January of 1943 and present sophomores in September of 1943.

So far as the current evening program is concerned, no change in schedule will be made. Registration for the second semester for evening students will be held during the week of February 2 to 6 inclusive.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: ILLINOIS TECH PICKED TO GIVE DEFENSE COURSE IN ULTRA SHORT WAVE TECHNIQUES NORTHWESTERN AND CHICAGO TO COOPERATE.

RELEASE FOR: MONDAY, 1/12/42

J. I. Yellott, chairman of defense training today announced that Illinois Institute of Technology has been chosen to present a highly specialized course in "ultra high radio-frequency technique" as a specific contribution to the War effort. The course, in which other colleges of this area may cooperate, will be given exclusively in the Chicago area by Illinois Institute of Technology. It will be a regular college credit course for current students of electrical engineering or graduate students as well as a defense training course not carrying college credit for men in industry and will be given both during the day and evening. It is sponsored and authorized by the United States Office of Education, as part of the regular Engineering, Science, and Management Defense Training program of the Institute and will entail an expenditure of over $10,000 for new equipment and laboratory facilities.

The value of the course to the defense effort was outlined by Dr. Jesse E. Hobson, head of the Institute's electrical engineering department, who pointed out that a large number of electrical engineers having training of this type are essential to the Government war effort. These men are required by various government plants in the design, manufacture, operation, and maintenance of equipment used by the Government and by manufacturers working on the development and fabrication of special electronic equipment. The specific applications and operation of this equipment will not be covered in the course, but Dr. Hobson emphasized the fact that the program as outlined will provide necessary basic training in the fundamentals of the theory underlying these devices.

When the possibilities of ultra short wave technique were first realized, there were but a few engineers and physicists in the United States who were qualified to begin developmental studies and research on the subject. One of these was Illinois Tech staff man, Dr. Robert Sarbacher. Doctor Sarbacher returned to the Tech campus November 15, 1941 after spending all summer instructing a select group of Army officers in ultra short wave techniques at Harvard University. He recently attended a conference at Massachusetts Institute of Technology which was devoted to a discussion of a syllabus for this course. This conference was attended by representatives of the forty schools throughout the United States which had been selected by the United States Office of Education to present the course during the second semester of this academic year.

Dr. Sarbacher and Dr. William A. Edson will be in charge of the course. Dr. Edson was formerly with the Bell Telephone Laboratories in New York City where he has been actively engaged in development and design of modern high frequency equipment. Mr. Arthur B. Bronwell, Assistant Professor of Electrical Engineering, at Northwestern University will collaborate in the course. Mr. Arthur Mohaupt, instructor in electrical engineering, Illinois Tech, is assisting in the preparation of the laboratory.

The course will consume two days of instruction for current seniors in electrical engineering. All instruction will be given on the Lewis campus of the Institute where the main electrical engineering laboratory is being remodeled to house new equipment costing more than $10,000 as well as much equipment already in the possession of the Institute.

The registration for this course is expected to exceed 125 students.

-AS-

FROM ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: FIRE PROTECTION ENGINEERING

FOR IMMEDIATE RELEASE

In 1906, Armour Institute of Technology conferred its degree upon the first students who had ever taken a standard engineering course intended specifically to prepare young men for work as fire protection engineers. Since then, more than 400 men have graduated from the Department of Fire Protection Engineering, and the school, now Armour College of Engineering of Illinois Institute of Technology, is still the only college providing such a four-year course. Armour graduates, over the period of thirty-five years, have become well-known in the field of fire insurance

The curriculum has never been narrowly specialized, because it has been recognized that a fire protection engineer should have sound training in the basic sciences, familiarity with the principles of other branches of engineering, adequate knowledge of economics, and proper introduction to cultural studies which will be important in his future development as a man as well as an engineer.

For many years the Institute did not offer evening courses in Fire Protection Engineering, although its evening division has large registration in other departments. During the first semester of the present school year, a course in the elements of fire protection was offered, with Richard E. Freeman of the engineering staff of the Illinois Inspection Bureau as instructor. The number of applicants for the course was satisfactory, and the course has been successful.

At the request of students in this course, and of some other prospective students, it is intended that an evening course in special hazards shall be given in the second semester, beginning in February, 1942. The instructor will be Malcolm E. Jenckes, who is a supervisor in the underwriting department of the Western Insurance Association. Mr. Jenckes is a graduate of Brown University and of

Massachusetts Institute of Technology; he has had experience with DuPont, and with the Grinnell Company, and has been with W. F. I. A. since 1931.

Registration for the course in special hazards will be at Illinois Institute of Technology, 3300 Federal Street, Chicago, February 2 to February 7, 1942, inclusive. The class will meet Wednesday evenings, 6:20 to 8:00, for seventeen weeks, the first session being Wednesday, February 11. Tuition and registration fees are $24.

The evening courses mentioned above are under the supervision of Professor Joseph B. Finnegan, who has been for many years director of the department.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASKETBALL - ILLINOIS TECH AT
CHICAGO TEACHERS COLLEGE,
1/14/42 - 3:15 P.M.

FOR IMMEDIATE RELEASE

The Illinois Tech basketball squad will travel to Chicago Teachers College on Wednesday, January 14th in an attempt to even the score between the respective teams for this season. The Teachers won the first contest played at Tech, 40 to 25, but the Engineers have renewed hope of victory with a decisive 55 to 41 win over Detroit Tech, a topnotch team.

Leading gunner in the basket barrage on Detroit was a Sophomore cooperative student, Bill Smart of LaGrange who dropped in 10 field goals and a free throw to lead the attack. A newcomer to the Techawk lineup, Bill gained valuable experience while playing freshman ball at Oberlin College. The most treasured item in his bag of tricks is his ball stealing ability to set up the fast break. Playing at the forward position his offensive rebounding is exceptional.

Coupled with this "Smart" forward is Captain Howard Pendlebury, current high scorer for the Engineers, averaging about 7½ points per game. The majority of Pendlebury's scoring has been from the pivot line with a left hand hook shot that is hard to stop.

Junior Ray LaGodney has finally found himself at the center position. Formerly he was attempting to force his way clear while under the basket in his rebounding work; now he merely tips it to a teammate for an easy pot shot.

Two of the most competent guards in the local circuit are to be found in

juniors Jack Byrne and cooperative student Wally Futterer. Byrne led the Engineers in scoring last season and is in the runnerup position at the present time while Futterer is proclaimed to be one of the finest defensive players in the history of the school, and it is not wise to allow him a clear shot from any angle.

The Teachers quintet is the same aggregation that have been playing together for some years, namely, Joe Podraza and Marion Szewczyk, Captain of the team, playing at forward; Sy Mazur at center; and Newby and King at guard. To date the Teachers have won five out of nine starts, their latest contest ending in defeat at the hands of Eureka College, 29 to 26. Illinois Tech on the other hand has won but three of eight starts.

Probable starting lineup:

CHICAGO TEACHERS	POS.	ILLINOIS TECH
Szewczyk (Capt.)	F	Pendlebury (Capt.)
Podraza	F	Smart
Mazur	C	LaGodney
Newby	G	Byrne
King	G	Futterer

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: NEW YORK AREA ALUMNI MEETING
1/20/42 - TENNIS CLUB - 6:30 P.M.

FOR IMMEDIATE RELEASE

Alumni of Armour Institute of Technology and Lewis Institute (Chicago), residents of the New York Metropolitan Area, will meet Tuesday evening, January 20, 1942, at 6:30 o'clock in the Tennis Club to discuss plans and proceed with the establishment of an alumni club of this area.

The meeting will be a rather unique event since these alumni of the two Chicago schools will be meeting to form an organization which will be an alumni club of Illinois Institute of Technology. However, in the words of Mr. R. I. Wishnick, Armour alumnus of the class of '14, the man who is in charge of arrangements for the meeting, the purpose of the meeting is to bring about a consolidation of the alumni of the two schools in much the same manner as the actual consolidation of the two Chicago schools was accomplished in 1940. The meeting will hear from H. T. Heald, President of Illinois Institute of Technology, Dr. L. E. Grinter, Vice-president, and B. P. Taylor, assistant to the President.

Armour Institute of Technology and Lewis Institute were merged in July of 1940 by a final court decree. In January of 1941, a development and fund raising program for the expansion of the merged schools was announced by the board of trustees to provide a "technological center" in Chicago and the middle west second to none in the country. A $3,100,000 building program, enbodying designs by world famous architect Mies van der Rohe, head of the school of architecture, providing for a completely functional plant, is in prospect within the next few years.

According to the sponsor of the New York meeting, President Heald will speak about the consolidation of the two Chicago institutions, their combined importance to industry in the middle west, and the effect the development program will have in general on education. The various activities of the schools of engineering, architecture, and arts and sciences will be outlined; the work of the Armour Research Foundation, an affiliate in industrial and development research at the Institute, will be explained; and the importance of the new Institute of Gas Technology, also an affiliate of Illinois Tech, supported by the leading natural and artificial gas companies of the United States by a $1,000,000 appropriation, will be explained.

Mr. Wishnick, who resides at 214 Trenor Drive, New Rochelle, New York, is President of Wishnick-Tumpeer, Incorporated, with offices at 295 Madison Avenue, in New York City. He graduated from Armour Institute of Technology in 1914 receiving the Bachelor of Science degree in chemical engineering. Mr. Wishnick is noted among alumni of the Institute for his exceptionally brilliant career, especially in view of the fact that he earned all of his college expenses during his period of undergraduate study.

-AS-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: HOCKEY - ILLINOIS TECH OPENS THE SEASON AT UNIVERSITY OF CHICAGO 8 P.M. 1/16/42 UNDER NORTH STAND OF STAGG FIELD.

FOR IMMEDIATE RELEASE

On Friday evening, Jan. 16th, the Illinois Tech hockey team will open their third season of intercollegiate hockey playing the University of Chicago at 8 P.M. under the north stand of Stagg Field. The contest was originally scheduled for Wednesday evening, Jan. 14th, but conflict with the University's defense courses necessitated the postponement.

The series between the two schools is a renewal of a contest inaugurated with the founding of the sport at Illinois Tech three years ago by Dr. Harold W. Davey, faculty member and hockey coach.

Composed mainly of veterans the Techawk sextet consists of sophomore Jack Eulitt and junior Dick Metcalfe at left and right wing positions respectively; junior Bill Watson at center; junior Jack Weidenmiller at right defense; freshman Dick Osberg at left defense; and junior cooperative student Glen Wittekindt, bespectacled goalie.

With the exception of Osberg the group have been playing together since the freshman years and form a well coordinated team. Bill Watson and George Crawford have several seasons of Canadian competition to bolster their ability; however, Crawford will not be in the starting lineup. He is a cooperative student, who spends alternate eight week periods in school and in industry. He was the star of last year's squad.

Two more of the Techawk Canadian Stars have left to join the Royal Canadian Air Force, namely George McKechnie and "Casey" Jones. The gap they leave is large but perhaps adequately filled by reserve freshmen, Ken Du Broff and Don Wolter and sophomores Brian Brown, Ed Johnston, and Bill Parks.

The University of Chicago received a severe setback by the death of their Coach, faculty member Dan Hoffer, last May. The team is now under the direction of Athletic Director, T. Nelson Metcalfe. Leading the Maroons to battle will be Ralph Rowe, veteran campaigner.

Other opponents slated to meet the Engineers this coming season include De Paul and Notre Dame, and the city amateur teams of Waukegan and Lake Forest.

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASKETBALL - AT CONCORDIA 1/17/42
7:15 P.M., CONCORDIA GYM, RIVER
FOREST, ILLINOIS

FOR IMMEDIATE RELEASE

The Illinois Tech basketball team will travel to River Forest on Saturday evening, Jan. 17th, where they are to play Concordia Teachers College at 7:15 PM for the benefit of the American Red Cross.

The charity match has captured a large following in the suburbs of River Forest and Oak Park and an attendance of 1000 is expected. To help swell the purse, the students are paying a nominal admission charge . . . ordinarily their athletic passes admit them gratis. Fifty percent of the gross will be turned over to the Red Cross.

Tech's Coach, "Remie" Meyer had quite a time finding a starting lineup in the early part of the season, consequently the Engineer's play was rather ragged in the first few games. The present first team, which has started as a unit in the last three games, lost a close decision to Lake Forest, whipped Detroit Tech by a large margin in a high scoring thriller, and then met the new fan-shaped backboards for their first time at Chicago Teachers College - net result CTC 31,IIT 21. The teams most dependable pot shotters missed the backboard completely, only two rebounding baskets were scored out of innumerable attempts and Tech's free throw average, normally between 45 and 50% was only 30% - 7 out of 22.

Nevertheless the Illinois Tech quintet shows good form at the present time and should soon begin a pronounced winning streak. Leading the Engineer's on the court will be Captain Howard Pendlebury, top scorer, and sophomore Bill Smart at forwards; junior Ray LaGodney at center; juniors Jack Byrne and Wally Futterer will handle the

guard positions, with Byrne doing most of the offensive work leaving Futterer to stop the fast breaks.

Concordia has but one win this season, over Aurora, as against four defeats. The majority of their scoring has been done by forwards Warren Schmidt and Lyle Saeger, both juniors. Sophomore Dick Braun is now playing his second year with the Varsity at the center position, while Captain Art Scheiwe sparks the team from guard with Bill Lorenz as a running mate.

As a preliminary to the main event the Illinois Tech freshmen team will play Concordia's Intramural Champs composed chiefly of freshmen who won their final game with a margin of better than 90 points.

PROBABLE STARTING LINEUP:

CONCORDIA	POS.	ILLINOIS TECH
Schmidt	F	Pendlebury (Capt.)
Saeger	F	Smart
Braun	C	LaGodney
Scheiwe (Capt.)	G	Byrne
Lorenz	G	Futterer

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: COOP COMMENCEMENT, 1/28/42

FOR IMMEDIATE RELEASE

Illinois Institute of Technology, on Wednesday evening, January 28, 1942, at 8:15 P.M., in the auditorium of the Museum of Science and Industry, foot of 57th Street in Jackson Park, will graduate 77 engineers, men and women, who will be most essential to industry. As a matter of fact, approximately 64 of these graduates, coop students in mechanical engineering, will be the most highly trained and most highly skilled engineers that will be going into industrial work today--for during the past five years they have been serving dual roles, scholars and apprentices at one and the same time.

Commencement speaker Wednesday evening will be Mr. R. J. Koch who will address the graduates on "COURAGE". He is President and Treasurer of Felt and Tarrant Manufacturing Company, Chicago.

Mr. Koch is a trustee of Illinois Institute of Technology and an alumnus of Armour Institute of Technology (Civil Engineer, '18). Upon graduation from Armour Institute, he served for eleven years as credit manager and assistant treasurer of ILG Electric Ventilating Company, Chicago. Since 1930 he has been treasurer and since 1934 he has been President of Felt and Tarrant Manufacturing Company, manufacturers of business machines. He is a member of the Academy of Political Science (NYC), the Union League Club, the Skokie Country Club, and he was President of the

Employers Association of Chicago.

The importance of these graduates to the defense effort is self evident and does not require supporting affidavits from their employers. Here is the answer:

In February of 1937, these boys enrolled as cooperative students in the five-year mechanical engineering program at what was then known as Armour Institute of Technology. There was planned for these students a program of study and work of alternate eight week periods . . . . on a twelve month basis, with only two weeks per year for vacation as compared to the two months the regular college student enjoyed.

The students spent eight weeks in school study under an accelerated program . . . then they went to work in plants such as Foote Brothers Gear and Machine Company, Inland Steel Company, Crane Company and others. They worked at lathes, as helpers on blast furnaces, as milling machine operators. They worked with grease and oil. They cut their fingers - burned their hands. They got grease and smut and dirt in the fingernails and between their toes; they got smudge on their faces and wore overalls. They did dirty, back breaking labor and probably went to night school besides. They hobnobbed with Slavs and Poles, with Greeks and Italians and Mexicans . . . they sweated, hard, honest perspiration. Then, after eight weeks they returned to the Armour College Campus to English and algebra, to economics and physics and mechanical drawing.

The next time they went to the plant they probably had another job, perhaps a little cleaner, or perhaps more highly skilled, or as draftsmen or junior engineer trainees.

They followed this schedule day in and day out for five years, always drawing their weekly pay check while on the job, or drawing their weekly class grades while in school . . . working to finance their education.

Now, according to H. T. Heald, president of the Institute, who, in 1935, was instrumental in the original planning of the cooperative course, there are some 450 such mechanical engineering students taking the course. Over 140 Chicago and out-of-

town industries, large and small, are cooperating in the venture and are highly pleased with the success of the program. Each company is anxious to have more such student-employes, for they find them alert, willing to work, ambitious and valuable.

Their real importance today cannot be over-estimated, but it is certain that industry finds them too valuable to let them go. Their importance can be measured by the fact that, according to J. J. Schommer, Placement Director at the Institute, engineering schools in June will turn out approximately 15,000 engineers . . . 50,000 to 75,000 will be required . . . 15,000 engineers who have had, in the main, only scholarly experience . . . engineers who will have to go through an "in-service" training period of 3 to 6 months duration . . . at a time where the nation is in dire need of seasoned and capable engineers.

The cooperative students will not necessarily need such a training, for they have been developed in the plant from a technical and practical standpoint. At the same time they have been getting the scholarly viewpoint as students. The combination of the two, practical and scholastic training over the five-year period, makes of them excellent material for the NATIONAL DEFENSE EFFORT. To the last man, these students currently have jobs and will, in most instances, remain with the company in which they have received their practical training as students.

At the present time 450 such students are in training. Approximately 64 of these men are candidates for the degree of Bachelor of Science in Mechanical Engineering next Wednesday night. In February approximately 225 new students will be admitted to the course, after having passed a battery of 3 standardized intelligence tests and a review of their high school standing has placed them in the upper quarter of their graduating class.

Illinois Institute of Technology, which is the consolidation of Armour Institute of Technology as of July 1940, also conducts a similar program in Business and Industrial Management on the Lewis campus.

The candidates for degree are as follows:

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Marshall Kahn	7618 Kingston Avenue	Chicago, Illinois
Walter Otto Krueger	5927 S. Mozart Street	Chicago, Illinois
Milton Sherman	3304 Lexington Avenue	Chicago, Illinois

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

John Francis Dillon	2947 S. Halsted Street	Chicago, Illinois

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

George Russel Emrath	6704 N. Hermitage Avenue	Chicago, Illinois
William Zoltan Spierer	2224 W. Division Street	Chicago, Illinois

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Harold Porter Adams	2234 Logan Boulevard	Chicago, Illinois
Henry Grey Alderson	7133 S. Rockwell Street	Chicago, Illinois
Anders Krist Andersen	4300 N. Hamlin Avenue	Chicago, Illinois
Edward Alberg Anderson	10712 Avenue F	Chicago, Illinois
Edward Armstrong	526 Thatcher Avenue	River Forest, Illinois
Howard Lief Berg	1059 N. Mayfield Avenue	Chicago, Illinois
Donald Dixon Bickell	1109 Beacon Street	East Chicago, Indiana
Gilbert James Bickell	443 Conkey Street	Hammond, Indiana
Fred Charles Boardman	1031 W. Bryn Mawr Avenue	Chicago, Illinois
William David Bobco	2635 Augusta Boulevard	Chicago, Illinois
Charles Perry Boyer	3531 Fifth Avenue	Chicago, Illinois
Stephen Cibira	2814 W. 23rd Place	Chicago, Illinois
Louis Thomas Cuculic	3821 Main Street	East Chicago, Indiana

James Edward Partlow	9045 S. Carpenter Street	Chicago, Illinois
*George Murray Post	10525 S. Drew Street	Chicago, Illinois
Walter John Powell	5337 Dorchester Avenue	Chicago, Illinois
John William Rapp	1507 E. 69th Street	Chicago, Illinois
Rudolph Aloysius Rieder	913 W. 86th Street	Chicago, Illinois
Paul Marvin Sandusky	10853 Vernon Avenue	Chicago, Illinois
Donald Rossiter Snowdon	6610 N. Maplewood Avenue	Chicago, Illinois
John Emil Staroba	2458 S. Spaulding Avenue	Chicago, Illinois
Daniel Victor Stone	3444 Drummond Place	Chicago, Illinois
Clarence Theodore Streit	932 Mountain Street	Aurora, Illinois
Hillard Charles Stryz	6914 S. Western Avenue	Chicago, Illinois
Ralph Bernhard Stuecheli	2031 Summerdale Avenue	Chicago, Illinois
John Patrick Sullivan	4818 W. Nelson Avenue	Chicago, Illinois
Carl Alex Swanson	6549 S. Seeley Avenue	Chicago, Illinois
James William Swedler	5727 W. 22nd Place	Cicero, Illinois
Fred Till	3841 W. Adams Street	Chicago, Illinois
Anthony Frank Valaitis	3014 W. 63rd Street	Chicago, Illinois
Thomas Michael Walsh	7703 Ridgeland Avenue	Chicago, Illinois
Bernard Eugene Wasisco	1306 Albion Avenue	Chicago, Illinois
Arthur Harry Welsch	1348 S. Kedvale Avenue	Chicago, Illinois
Joseph Allan Westphall	330 S. Spencer Street	Aurora, Illinois
Ted John Wierciak	2403 Moffatt Street	Chicago, Illinois
Robert Franklin Windstrup	4723½ Ellis Avenue	Chicago, Illinois
Chester Stephen Wright	2430 W. Cullom Avenue	Chicago, Illinois
Norbert Leopold Wright	2430 W. Cullom Avenue	Chicago, Illinois

* non-cooperative student

Walter Frederick Cunny	1641 Edgewater Avenue	Chicago, Illinois
John Oliver Danson	7316 S. Aberdeen Avenue	Chicago, Illinois
*B. Pearson De Lany (female)	Sutton Road	Barrington, Illinois
Roy E. Frickson	4441 N. Damen Avenue	Chicago, Illinois
Henry Robert Fischer	7323 Lunt Avenue	Chicago, Illinois
Charles Vaughan Fitch	5308 S. Neva Avenue	Chicago, Illinois
Robert Dunlop Gibney	907 W. 111th Street	Chicago, Illinois
William Groen	820 N. Grove Avenue	Oak Park, Illinois
Frank Richard Grote	3109 Schubert Avenue	Chicago, Illinois
Richard Louis Hanneman	1522 Thome Avenue	Chicago, Illinois
Edward Paul Hanuska	6654 S. Claremont Avenue	Chicago, Illinois
Dudley Ward Hayes	3325 W. 63rd Place	Chicago, Illinois
Russell Richard Hoffman	8005 Ingleside Avenue	Chicago, Illinois
Peter Jasis	4935 C. Kominsky Avenue	Chicago, Illinois
Roy Harvey Kallas	624 S. Tripp Avenue	Chicago, Illinois
Robert Stanley Kecourek	384 Kent Road	Riverside, Illinois
Paul Robert Koenig	6756 Wentworth Avenue	Chicago, Illinois
William Stephen Kozica	5240 S. Troy Street	Chicago, Illinois
Martin William Kraegel	2509 Indiana Avenue	Oak Glen, Illinois
William Elmer Loben	10212 S. May Street	Chicago, Illinois
Charles Joseph Lombard	815 W. Addison Street	Chicago, Illinois
Frank Darrel McGinnis		Willow Springs, Illinois
John Richard Mangan	8430 Euclid Avenue	Chicago, Illinois
William Edmund Manstrom	6508 Lowe Avenue	Chicago, Illinois
George Nathan Miles	11359 Lothair Avenue	Chicago, Illinois
Victor Thomas Milewski	7234 S. Talman Avenue	Chicago, Illinois
Richard Apps Noyes	63 Lincoln Avenue	Riverside, Illinois
Joseph M. Olchawa	2323 W. Cullerton Street	Chicago, Illinois

* non-cooperative student

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Charles H. Cuthbert	139 Monroe Street	Petersburg, Pennsylvania

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Raymond Edgar Glass	1320 Fillmore Street	Amarillo, Texas

MASTER OF SCIENCE

William Robert McMillan	224 S. 20th Avenue	Maywood, Illinois
Harvey James Taufen	4465 Ellis Avenue	Chicago, Illinois

DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING

William M. Simpson		Norman, Oklahoma

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY-VIC. 4600

RE: BASKETBALL - GRAND RAPIDS AT ILLINOIS TECH, 1/22, 4:30 PM. ILLINOIS TECH AT AMERICAN COLLEGE OF PHYSICAL ED., 1/23, 8 PM

FOR IMMEDIATE RELEASE

This week the Illinois Tech basketball team will attempt to even up their season's record against Grand Rapids in Chicago on Thursday afternoon, Jan. 22, at 4:30 PM and traveling to American College of Physical Education on Friday evening, Jan. 23 at 8 PM.

To date the Engineers have won four while loosing six engagements. In the last start, against Concordia College, the Techawks displayed fine form in a 44-34 victory. Current leading scorer for the Techawks is Captain Howard Pendlebury who has capitalized on his pivot line position to the tune of some 69 points.

Pendlebury's running mate at the forward position is sophomore coop student, Bill Smart, who tallied 21 of Tech's points in their 55-41 defeat of Detroit Tech last week. If Bill is "on", he may be expected to repeat this performance.

Completing the forward line is junior Ray LaGodney at center. Ray has suddenly discovered the art of using his height to an advantage and has been a deciding factor in the recent upward trend of the Techawks. He has undisputed possession of the ball in all rebounds and acts as a feeder for his teammates.

A brace of juniors, Jack Byrne and coop student Wally Futterer, do the guarding for the Techawks. Coach "Remie" Meyer has adapted a modified form of the old standing guard in which the guards take turns at the safety position to stop the fast break offensive. This has proved most effective.

Grand Rapids University was the victim of a double defeat by the Techawks in a home-and-home series last year; the Engineers took the first game in stride in Chicago 43 to 31, and fought to squeeze out a 51-48 decision in Grand Rapids. A return match with Grand Rapids is scheduled for two weeks later in Grand Rapids when the Engineers take their mid-season jaunt into Michigan.

American College of Physical Education was the source of the Techawks first victory in the opening game of the season, 41 to 16.

-EHC-

FROM: ALEXANDER SCHREIBER
ILLINOIS INSTITUTE OF
TECHNOLOGY, CHICAGO

RE: MIDWEST POWER CONFERENCE
PALMER HOUSE, CHICAGO
APRIL 9, 10, 1942

FOR IMMEDIATE RELEASE

The next annual meeting of the Midwest Power Conference will be held on April 9-10 at the Palmer House, Chicago. This Conference is sponsored by the Illinois Institute of Technology with the cooperation of the nine other midwestern universities and colleges and the local sections of the Founder and other engineering societies.

The directorate of the Conference, according to Stanton E. Winston, Director, cognizant of the fact that the need in the present war effort is power, and even more power, is doing its utmost to provide a program for this annual meeting which will not only uphold the tradition of the Conference but will also provide a stimulus in the present emergency. It is the opinion of the directorate that the present emergency makes the annual meeting of the Conference more urgent than ever before.

The preliminary program of the Conference will contain, in addition to the opening meeting, sessions on Electric Power Transmission, Industrial Power Plants, Hydro Power, Fuels and Combustion, Diesel Power, and Central Station Practice. The latter is sponsored by the Chicago Section of the A.S.M.E. and all arrangements for it are being made by the section's chairman of its Power and Fuels Division, Mr. J. R. Michel. In addition to these sessions, the Conference program will include two joint luncheons, one with the Chicago Section of the A.S.M.E. and the other with the Chicago Section of the A.I.E.E. A high light of the Conference will be its

All-Engineers Dinner on the evening of April 9.

The Conference will be opened by President H. T. Heald, of the Illinois Institute of Technology and Dr. A. A. Potter, Dean of Engineering of Purdue University. Among the papers and speakers of the Conference program are the following:

Boiler Circulation Problems, by A. A. Markson, Member A.S.M.E., New York

Recent Field Experience with Natural Lightning by C. F. Wagner, Manager, Central Station Engineering, Westinghouse Electric and Mfg. Co.

Lightning Proof Line Design by A. C. Monteith, Manager, Industry Engineering Department, Westinghouse Electric and Mfg. Co.

Power in the Four Milling Industry, by A. R. Ulstrom, Engineer, Cereal Engineering and Construction Co., Minneapolis

Feedwater Treatment in Small Power Plants, by E. P. Partridge, Director of Research, Hall Laboratories, Inc., Pittsburgh.

Power Setup at the Aviation Plant of Buick Motors by H. S. Golden, Assistant Chief Engineer, Buick Aviation Division.

Preventing and Extinguishing Electrical Oil Fires, by H. W. Eales, Chief Electrical Engineer, Public Utility Engineering and Service Corporation, Chicago.

Radial Diesels by Professor E. T. Vincent, University of Michigan.

The Preliminary Program, when issued in the latter part of February, is also expected to include the following papers:

Experience with Priorities for Equipment and Maintenance
Industrial Production and the Welfare of the Nation.
Furnace Design Development.
Prevention of Outages on Transmission System.
Minimizing the Effect of Faults on Transmission Systems.
Water Power Development in the Light of War Industrial Activity.
Silting of Water Power Reservoir.
Results Obtained by Spreader Stokers with Continuous Ash Discharge.
Procurement of Fuels.
Diesel vs. Steam Locomotives.

The Preliminary Program will be distributed toward the latter part of February. Everyone interested in the field of Power is cordially invited to attend the Conference All inquiries with respect to the Conference may be addressed to either Stanton E. Winston, Conference Director or Charles A. Nash, Conference Secretary, c/O Illinois Institute of Technology, Chicago.

-AS-