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WILLIAMSPORT, PENNSYLVANIA 17701

COLLEGE REPORT

APRIL 1973, Volume 26, Number 4



Dr. R. Andrew Lady

LAB 213

a special welcome

Alumni Day · 1973

## ALUMNI DAY 1973

All of us at the college look forward to greeting you on Alumni Weekend, May 4, 5 and 6. Under our new academic calendar, graduation is held this year on May 6th.

Reserve the date now and plan to return to the campus for an enjoyable weekend -- meet old friends, and re-live some of those memorable days on campus. An interesting program has been arranged by your Alumni Day Committee.

Don Nolder '66, Chairman	Marshall Sanders '36
Jack Parson '62	Martha Kirk '62
Raymond Miller '58	Bonnie Hurey '68
Carolyn Durrwächter '62	

### FRIDAY, MAY 4

8:00 A.M. Tee Off - Seventh Annual Alumni-Faculty Golf Tournament - White Deer Golf Club (Route 15 six miles south of Williamsport) Registration Fee \$5.00 (includes greens fee and tournament fee) Reservations for golf tournament must be received by May 2 - Non-golfers are also welcome. Lunch available at the club.

8:00 - 10:00 P.M. Old Films of the Campus. We now have three large reels. You may be the star! Contagious showing in Burchfield Lounge, Punch Table!

10:00 A.M. to 12:00 Noon REGISTRATION - Academic Center, Pennington Lounge - Coffee & Doughnuts (Some members of the faculty will be present to greet Alumni)

10.30 - 11.45 Choir Rehearsal for all Choir Alumni D-401 - Academic Center

11 00 A.M. Sky Show - Detweiler Planetarium

12:00 Noon BRUNCH - Wertz Student Center (College Dining Room)

12 45 P.M. ANNUAL BUSINESS MEETING Room B-207 - Academic Center (Immediately following the Alumni Luncheon)

### SPECIAL PRESENTATIONS.

1 30 P.M. Demonstration in The Crafts - Eveland Max Amschig '57, Instructor in Art

2:45 P.M. "The Typists" by Murray Schisgal Arena Theater Glen Mohr '73 and Marti Holmes '73 Directed by Elinor Jones '73

FOR RESERVATIONS CALL - 717 326-1151 EXT. 220

4:00 P.M. CLASS REUNIONS - Rooms assigned on 2nd Floor of Academic Center or announced.

6:00 P.M. ALUMNI BANQUET - Wertz Student Center (College Dining Room)

8:30 P.M. The Lycoming College Choir Concert (Clarke Chapel)

### SUNDAY, MAY 6

10:45 A.M. BACCALAUREATE SERVICE Pine Street United Methodist Church Speaker - Dr. Harold H. Hutson President, Lycoming College

2:00 P.M. COMMENCEMENT - Flag Court (in case of rain - Williamsport Senior High School Auditorium)

"A Special Welcome" to our Reunion Classes:

1913 - 60th	1933 - 40th	1953 - 20th	and
1918 - 55th	1938 - 35th	1958 - 15th	1972
1923 - 50th	1943 - 30th	1963 - 10th	1st
1928 - 45th	1948 - 25th	1968 - 5th	

(We also urge the classes on both sides of the reunion classes to return)

## CAMPUS NOTES

### INTERNSHIP PROGRAM APPROVED -

In order to expand the learning opportunities for Lycoming students and to encourage them to relate their on-campus academic experiences more directly to society in general and to their post-baccalaureate objectives in particular, the faculty has approved the concept of Student Internships. Departments will be encouraged to develop internships for their major students. Any junior or senior who has declared a major will be able to petition the major department for approval to enroll in an internship for a maximum of four unit courses of credit. An academic director at Lycoming and an agency supervisor at the place of internship will be assigned for each intern. Guidelines for program development, assignment of intern tasks, consultations, and academic requirements such as exams, papers, reports, grades, etc. are being established.

FOUR CHEMISTRY MAJORS presented papers at the recent Symposium of Senior Independent Study Papers sponsored by the

chemistry department. Topics included: David M. Farrell, Bloomfield, Connecticut, "Synthesis of Some Tropene Alkaloid Related Compounds"; Ted L. Masimore, Glen Rock, "Analysis of Mercury by Flameless Atomic Absorption"; Roy Smith, Milton, "Kinetics of Nucleophilic Aliphatic Substitution in Alkyl Benzene Derivatives"; and Paula Turnbaugh, Williamsport, "Spark Source Mass Spectrometry in Copper Archeology".

SALLY F. VARGO, assistant professor of physical education and women's tennis team coach, discussed "Interscholastic Athletics for Women" at the annual meeting of the Pennsylvania Senior High School Athletic Directors. DAVID G. BUSEY, director of athletics and golf coach, spoke on "Intramurals in the High School".

OUTSTANDING COLLEGE ATHLETES OF AMERICA - 1973 lists ten Lycoming athletes: Steve Cogan and Rich Henninger - basketball, Vincent Joy - football, Lloyd Coher - golf, Curtis Belton and Jeff Gettler - soccer, Sarah Sharkey - swimming, Sandra Earl - tennis, Bruce Sale - tennis, Dave Webster - wrestling.

JOHN G. HOLLENBACK, associate professor and chairman of business administration, spoke to four Hughesville High School classes on "Careers in Business".

JAMES HUMMER, professor and chairman of chemistry, and WILLY SMITH, associate professor of physics, served as judges for the 18th Annual Susquehanna Valley Science and Engineering Fair at Bucknell.

EDUARDO GUERRA, on sabbatical as professor and chairman of religion, gave a series of lectures on "Biblical Ethics" in Guatemala at the Episcopal Theological Seminary which prepares Episcopal priests to serve in Central and South America.

LYCOMING TODAY CONTINUED - In the February issue a new Lycoming Scholar brochure and part of a new admissions brochure were reproduced to give our readers current information about Lycoming. The "inside pages" of the Lycoming is A Personal College brochure reprinted inside portray some of the special things that make the College a unique institution. Copies of the original brochures are available on request to the editor.

The first intercollegiate match played on the new tennis courts constructed last fall on the east end of College Field ended just as every coach believes it should, with a victory. Coach Nels Phillips' netters wrote the opening chapter for the school records with an easy 8-1 victory over Saratoga. Shown is one section of the eight-court facility with two Warrior doubles teams preparing to begin competition with the Royals.

Techniques to improve Warrior basketballer's shooting and ballhandling abilities featured several post-season seminars conducted by Allentown's Hank Sluder. Sluder has helped polish the court performance of some of the nation's top professional basketball players. However, most of his sessions are conducted for teams from junior and senior high schools. His appearance, through the courtesy of Bethlehem Steel Corporation, was arranged by Lycoming grad William Pearson (197), industrial relations assistant at the firm's Williamsport plant.



## ORIENTATION

The orientation program at Lycoming is a unique family experience designed to help the student entering college for the first time to start this new adventure under the most favorable circumstances. An entirely new concept of courses, class scheduling, and methods of instruction must be assimilated. Adjustments to this new experience are important.

In order to prepare you for the beginning of this experience, Lycoming schedules six to eight orientation sessions each lasting two and one-half days during the summer. Though each new student is required to attend one of these sessions accompanied by at least one parent, many whole families (both parents, brothers, and sisters) attend at a very minimal cost for room and board.

The summer program makes it possible to schedule ample time for academic advisement, placement testing, library orientation, and registration. The college is able to work more satisfactorily with you in planning programs of study tailored to your vocational and academic interests. You complete all preliminaries, including registration, during the summer orientation period. Textbooks are available for purchase and personal prior to the opening of classes in the fall.



*A real learning experience awaits you at Lycoming, but only if you are willing to put forth the effort.*

## WHAT IS A "MAJOR" AT LYCOMING?

A major at Lycoming is an opportunity to study in an area of particular interest, understand it in greater depth, and relate yourself to it more fully as you achieve greater competence in the field. At Lycoming, the major can be the nucleus around which you structure a greater understanding of your world.

Choosing a major at Lycoming is in itself an adventure. There are eighteen Departmental Majors to choose from, and any two can be combined for a Double Major. There also are four Established Interdisciplinary Majors. Or you can take the initiative and design a unique Individual Interdisciplinary Major involving two or more departments.

### INTERDISCIPLINARY MAJORS

#### INDIVIDUAL INTERDISCIPLINARY MAJORS

A few words can describe what Individual Interdisciplinary Majors are, but the possibilities of subjects and fields that can be explored are limitless. You take the initiative to design a personal major involving two, three or more departments. In consultation with a faculty advisor, students have designed individual interdisciplinary majors in such diverse areas as American Civilization, Communication Arts, Environmental Law, Human Behavior, Behavioral Sociology, Urban Studies, and Images of Man.

#### ESTABLISHED INTERDISCIPLINARY MAJORS

There are four Established Interdisciplinary Majors involving two or more departments.

The Accounting-Mathematics interdisciplinary major is designed to offer, within a liberal arts framework, courses which will aid you in constructing mathematical models for accounting decision-making. You will obtain a substantial

background in mathematics and a good working knowledge in accounting.

The Literature major recognizes literature as a distinct discipline beyond national boundaries and combines the study of any two of these literatures: English, French, German, Russian, and Spanish. You can explore two literatures widely and intensively at the upper levels of course offerings within each of the respective departments while developing and applying skills in foreign languages. The major prepares you for graduate study in either of the two literatures studied or in Comparative Literature.



The Near Eastern Culture and Archeology interdisciplinary major is designed to acquaint you with the "cradle of Western civilization", both in its ancient and modern aspects. Integral to the program is participation as volunteers in an archeological excavation in Israel.

The Soviet Area Studies interdisciplinary major is designed to offer, within the framework of a liberal arts education, intensified study of the Soviet Union, communism, and related matters. The program enables you to acquire a broader perspective of the USSR than can generally be obtained within one discipline.

# LYCOMING COLLEGE

WILLIAMSPORT, PENNSYLVANIA 17701

## SPECIAL OPPORTUNITIES

To complement the wide variety of courses offered and the various majors available, many special opportunities exist at Lycoming to further individualize your education.

### MAY TERM

Each year a unique May Term provides Lycoming students and other interested persons with a challenging array of approximately fifty specially designed courses for the four week term. May 1972 included non-traditional courses with such diverse topics as utopias in America, occult phenomena, oceanography, spelology, and the noble savage. A number of courses involved domestic and international travel.

Newly designed courses ranged from a "Summer in Biosciences Through Global Theory" to "Managing the Small Business." Courses involved hiking the Appalachian Trail to study how survival and living in a cultural community in New Mexico, experiencing Russian culture first-hand in Moscow and other cities, and studying current management theory and practices in a European tour. Each May Term is a unique experience generated from student and faculty ideas.

### INDEPENDENT STUDY

Each department offering a major provides an opportunity for students to work independently with the consent of the department chairman and the instructor. The opportunity for such study is available to qualified students who have successfully completed courses comprising the core of a major.

### SEMINAR STUDY

Individual departments often organize small classes or seminars for students interested in subjects or topics not regularly a part of the department's course offerings. Occasionally visiting professors and lecturers participate in such special seminars.

Departmental Honors can be earned by you if you successfully complete a thesis and defend it in a final oral examination. Acceptable theses are deposited in the College library.



### COURSE CREDIT BY EXAMINATION

There are two ways you can earn college credit at Lycoming by examination.

#### College Entrance Examinations

If you are entering as a freshman, have studied an advanced course while in secondary school, and have taken the appropriate advanced placement examination of the College Entrance Examination Board, you are encouraged to apply for credit and advanced placement. A grade of three or above is considered to be satisfactory.

#### College-Level Examination Program (CLEP)

CLEP is a relatively new concept in American education which enables Lycoming to grant course credits for scores you earn on written exams conducted by the College-Level Examination Program of the College Entrance Examination Board. You can earn up to fifty percent of the course requirements for a bachelor of arts degree through CLEP.

The objective of CLEP is to place you at your level of competence and help you gain academic credit for what you know and can do, without regard to how or when the competence has been acquired. Lycoming recognizes non-traditional learning acquired outside a formal classroom. Earning credit through CLEP gives you more flexibility in planning an individualized education. You can accelerate the earning of a degree, study a particular field in greater depth, or explore more areas of learning. Write for the "Advanced Placement" brochure for more information.

### LYCOMING SCHOLARS

The Lycoming Scholar Program challenges a selected number of imaginative, creative students who have the interest, ability, and discipline to design and complete a unique academic experience. The program is flexible, experimental, and innovative. You can be selected a scholar before enrollment at Lycoming through interviews by faculty in interviews and current scholars, or you can be selected after enrollment on the basis of your performance and interests.

### COOPERATIVE PROGRAMS

Lycoming has four formal cooperative programs in drama, engineering, forestry, and medical technology. They provide an opportunity to combine a liberal arts education with specific career studies.

**Drama**—The American Academy of Dramatic Arts and Lycoming each recognize appropriate courses by the other institution. You can complete your degree work at Lycoming first and obtain advanced standing at the Academy, or you can graduate from the Academy first and then come to Lycoming. If in the latter case, you also have completed two years of study at an accredited college or university, you can receive your Lycoming degree by completing two consecutive semesters in an academic year at Lycoming plus two summers at our Arena Theatre.

**Engineering**—In five years you can earn a bachelor of arts from Lycoming and a bachelor of science in engineering from either Bucknell University or Pennsylvania State University.



"You can get to know the college, your fellow students, and yourself better"

### INTERNATIONAL INTERCULTURAL STUDIES

The Washington International Semester provides a unique academic experience in international affairs within the milieu of a major world capital. You spend a full semester at the American University in Washington, D.C.

The United Nations Semester gives you a first hand acquaintance with the United Nations in New York City. You attend a full semester at Drew University in Madison, New Jersey.

The London Semester acquaints you with the character of one of the principal sources of American law and politics. An exciting semester at London University is operated in conjunction with Drew University.

Summer In The Near East is a study and travel program of approximately two months which provides an extraordinary opportunity for on-site field experience in archeological procedures through actual participation in archeological excavating work. Visits to antiquity sites and museums, lectures and papers on sites visited, and discussions of observed data also are included in the program. Led in conjunction with Hebrew Union College Biblical and Archeological School.

Overseas Studies Opportunities for you to attend foreign universities and to receive full credit at Lyscoming are numerous. Such study is particularly attractive to language students, but many programs are not specifically language oriented, and mastery of the foreign language is not required. The faculty coordinator of overseas study programs can help students secure current information files.

If you like to think and create, try out for Lyscoming Scholar Program. It's great and still in Lyscoming.

You will complete your work at Lyscoming in three years and then spend two years studying electrical, civil, electrical or mechanical engineering at Bucknell or a graduate civil, electrical, industrial, mechanical, or sanitary engineering at Penn State.

Forestry. In cooperation with the Duke University School of Forestry, you can earn a bachelor of arts from Lyscoming and a master of forestry or master of science from Duke. You spend three years at Lyscoming and then five semesters at Duke studying a particular field in the forest science area or in the forest resource administration area.

Medical Technology. In four years you can earn a bachelor of arts at Lyscoming usually as a biology major, and also complete a medical technology clinical internship at Williamsport Hospital, Duane Providence Hospital, Robert Taylor Hospital, Lancaster General Hospital or Abington Hospital. If you prefer, you can first earn a degree in many Lyscoming department and then complete your university American study of clinical pathology and clinical microbiology at one of our partner units to attend the hospital of your choice.

Teacher Certification. All Lyscoming students prepare to be administrators or secondary school children from a liberal arts background. You will complete a liberal arts major and also require credits for certification as an elementary teacher as a second-year teacher of biology, chemistry, economics, or English. French, general science, Greek, mathematics, physics, history, social science, or Spanish. The Williamsport or public schools are used for observations, participation, experiences, and practice teaching.

The Washington Semester will give you a first hand acquaintance with various aspects of the national capital. If you have a special interest in political science, American government or law, you may be able to attend the American University in Washington, D.C. for a semester.

## CLASS news

1915

CHARLES D. KARNIS is presently performing the adjunct job of the American Legion in Mathews, Va. He also continues his position as an official photographer for Boy's State. He has been a member of the staff in Virginia and Florida for over 30 years. He recently sent a card to all members of the Class of 1915 and is hoping for a response. He sent along this fine quote, "The difference between an old person and a young person is the time of starting."

1925

MARGARET CORNELLY MACNAB is active President of the Municipal Historian of New York, District VI. She is on the following boards: Susan B. Anthony Memorial; Rochester Museum and Science Center; Women's Council; Montezuma Court Bicentennial and the Inner-Museum Council. She has written on Brighton History and "The Flower Children Communicate" in "New York Folklore". She lives in Rochester, New York.

1944

BLANCHE BECK BRITT is living in Alabama where her husband, Charles, is senior minister of the Auburn United Methodist Church. She works as co-ordinator of Christian Education and is enjoying studying painting at Auburn University. The Britts have a son and two daughters.

1959

RAYMOND C. MILLER has been named assistant director of actuarial services, Mathematical Department, in the home office of the Massachusetts Mutual Life Insurance Company. He had been senior mathematical analyst since 1969. He is chairman of the Board of Finance of First Congregational Church in East Longmeadow and a member of the Red Cross Nine Gallon Donor Club. Ray is also active in bowling and golf leagues. He and his wife have two children.

## CLASS news

### NECROLOGY

1900 - In our Philadelphia Telethon, we learned of the death of Dr. WALTER E. FINE who had lived in Amherst, Pennsylvania.

1903 - EFFA SEELY LAUBACH (Mrs. Frank C.) died March 29, 1973. She was born December 25, 1882. With her famed husband, she traveled the world as a missionary. Their literacy program "Each One Teach One" has been responsible for countless numbers of people learning to read and write. Laubach Library, Inc. has 11,500 active volunteers in the U.S.A. and about 50,000 in eight developing nations. Mrs. Laubach had continued as a member of the Board of Trustees and Treasurer of the corporation. She is "Outstanding Alumna of the Year" of Lyscoming in 1968. She is survived by a son and four grandchildren. Burial was in Bolton, Pennsylvania.

1907 - Mill was returned marked "deceased" for ETHEL LAWTON SHIFF. She had been living in Sunbury, Pa.

1914 - Word was received of the death of ELLEN D. REED of State College, Pennsylvania. Born March 21, 1895, she died March 18, 1973. She was a retired school teacher.

1915 - Word was received of the death of BERNICE BEYER BROWN. She had been living in Clearfield, Pa.

1918 - Mail was returned marked "deceased" from GERALDINE HUSTLEY REFSLER. She had been living in Fort Charlotte, Florida.

1918 - ZERBYN B. SUTTUFF died in New Port Richey, Florida, April 6, 1973. He is survived by his wife, Gladia, Burial was in Shickling, Md. At one time, he was chief tool designer for Ford Motor Company in Detroit.

1919 - ELEANOR STULLON LEONARDI died on April 29, 1972. She is survived by her daughter NANCY LEONARD HESS, 64.

1919 - He RAY RACHAU died March 25, 1973, in Florida. He is survived by his wife, Hilda. They lived in Williamsport, but spent their winters in Florida.

1923 - MAHIE D. HURIBERT SR. died March 21, 1973. He is survived by his wife, Hilda. He was a member of the Class of 1952, and his sister, TWIL HURIBERT WILLSON is from the Class of 1929. Rev. Harbort lives in Delmont, Pa.

1927 - HELEN SEAMAN MARSH died December 24, 1972. She had been retired from teaching since 1968 and was living in Brizeport, New York. She had taught in Glen Twp., New York, for nearly 20 years.

1928 - BRUCE R. CLEVER, age 62, died March 24, 1973, at his home at Altoona, Pa. He had been a minister for 25 years and was serving the Thompson United Methodist Church at the time of his death. He is survived by his wife, three daughters and a son.

1929 - SYLVIA BERLY BASTIAN, wife of Rev. Clyde C. Bastian, died November 12, 1972, in Williamsport.

1934 - VERA LYNN BOWSER, age 39, died January 3, 1973, after being stricken at her home in South Williamsport. A former school teacher, she is survived by her husband and one daughter.

1937 - MARCUS W. RANDALL, who was serving as pastor of First United Methodist Church, Reynolds, died April 2, 1973, at the age of 59. He was the originator and co-ordinator of the United Nations Seminar sponsored by the Central Pennsylvania Conference. He is survived by his wife and two daughters.

1948

DAVID R. MANEVAL is a science advisor for the U.S. Government's Appalachian Regional Commission and works primarily on environmental conditions in the 13 Appalachian states. With his wife, Lyne, and their four children, ages 15-21 they live in State College, Pa.

1952

Rev. JOHN D. O'NEILL, pastor of the Phoenixville, Pennsylvania, United Methodist Church, was elected to the Board of Trustees of the Ocean Grove Camp Meeting Association.

1958

OSCAR M. OSTLUND, JR. has accepted a position as Copy Editor for the Cincinatti Enquirer.

E. NOEL FADDIS and his wife, NANCY LEE BURR '56, live in Pensacola, Florida, with their four children. He is Vice President of Realty Marts International, Inc., in partnership with his brother. They employ thirty in real estate sales.



Raymond C. Miller

David R. Maneval

1938 - WALLACE J. CUMMINGS died November 10, 1972, in Harrisburg. He was associate pastor of Grace United Methodist Church, Harrisburg. He was 63 years of age. In recent years, he was very active in drug rehabilitation work and he founded Harrisburg Teen Challenge and The Bethany House Center, both for drug rehabilitation. He is survived by his wife and two daughters.

1940 - Word was sent to the Alumni Office of the death of EARL W. PADGETT. He had lived in Bridgeton, N.J.

1940 - JEAN STEWART HOUSEAL died November 23, 1972, following a long period of illness. Until that time, she was interested in music and taught piano, accompanied groups and performed piano solos. She was a member of various choirs including the Mrs. Walter Choral Group. Jean is survived by her husband, Richard, a son and a daughter.

1951 - STUART E. KANE, JR. age 49, died suddenly of a heart attack on March 3, 1973. Stu was commanding officer of the Air Force ROTC program at Penn State University since his first September and was professor of Air Force Aerospace Science at the university. He is survived by his wife, Helen, his mother, three brothers (one is HERB KANE '60) and one sister. He held the rank of Colonel.

1953 - C. DANIEL LITTLE, age 41, died in March 26, 1973, following a lengthy illness. At the time of his death, he was executive assistant to Congressman Schneebeli. He was a former faculty member of Lyscoming's Political Science Department for six years. He is survived by his wife, two sons and one daughter living in Picture Rocks, Pennsylvania.

1956 - The body of ROBERT D. METHERELL was found March 30, 1973, in the wreckage of his small plane near Elko, Nevada. He had been a resources management specialist for the National Park Service, stationed in Cedar City, Utah. He had been missing since February 7th when he realized that the weather had become bad. He was never heard from after that time. He is survived by his wife, the former Connie Jean McMonerville and by two sons and one daughter.

1958 - DR. ROBERT S. CLIPPINGER died December 30, 1972, following a stroke suffered December 21st. He received his Doctor of Divinity Degree from Lyscoming, and had been the beloved organist and chorist at Grace United Methodist Church for the past 27 years. His wife, Dorothy, daughter, Barbara, and two sons, James and J. Rudolph, survive.

1969 - Word was received of the death of WAYMAN MCCOY. Wayman had transferred from Lyscoming to Luzerne County College in 1965. Recently, he has been in personnel work along with his sister in Ohio. At Lyscoming, he was a member of the Swim Team.

1971 - An auto accident claimed the life of DAVID E. HIVE-BUTLER, a February 24, 1973, near Carroll, Maryland. He is survived by his parents in Curwensville, Pa.

1972 - GALE HARPER (SHEP), age 27, died April 10, 1973. A Vietnam veteran, he was granted a total disability retirement from the Army in 1969. During his service, he was awarded the Purple Heart for wounds received in action and the Army Commendation Medal. He is survived by his wife, the former Edith Eberhart, two sons and his parents.

1974 - JOHN T. REBER, age 39, a student, died March 30, 1973, at the University of Pennsylvania Hospital Burns Center. He had suffered severe burns in an apartment fire in Philadelphia on March 27, 1973. He was a philosophy major from Gettysville, Pennsylvania.

"Today Lyscoming has much to offer to anyone who is willing to accept the challenge"



# LYCOMING

COLLEGE REPORT February, 1973 Volume 26, Number 4 May and Summer Session Supplement

## May Term 1973—



### MAY 7, 1973

On May 7, 1973 you can begin an exceptional experience at Lycoming Colleges—The *May Term*

In its second year as a unique opportunity at Lycoming, the *May Term* will again provide students with a challenging array of finely-tuned, specially designed courses for the four-week term. As in the very successful first *May Term* in 1972, many non-traditional courses have been designed and have such diverse topics as Dutch Bushdoffler, thought transference, astronomy, philosophy of law, and Baku.

Newly designed courses to be offered have such varied titles as "The Character of Physical Law," "Fisheries Management," "Creative Advertising," "The Cosmic Theatre," "Futurism," "Isosian," "Contemporary Feminism," "Human Sexuality," "Writer's Seminar," "Strategy and Politics in the Twentieth Century," and "Human Sexual Behavior."

Back by popular demand from 1972 *May Term* are such courses as "Accounting Opinions of the APB," "AIBPA," "Introduction to Photography," "Managing the Small Business," "Field Ornithology," "Indian Archeology," "History of Utopias in America," "Urban Problems," and "Sociology."

A number of *May Term* courses will be conducted off-campus both in the United States and abroad. London in May will explore the arts, emphasizing attendance at plays, concerts, operas, and ballets plus meetings with patrons, conductors, directors, actors, and teachers and tours of galleries, museums, and other points of interest. The second Cultural Tour of the U. S. S. R. will again enable students to experience Russian culture, enroute to Moscow, Leningrad, Novgorod, Kiev, the Crimea, and possibly Yerevan, capital of Armenian S. R. The new Cultural Tour of Germany will provide the same type of total immersion experience to enable students to improve their language skills, and better understand the people, history, and culture of Germany.

This *May Term* the "Introduction to Marine Biology and Biological Oceanography" course will be based at the Bermuda Biological Station for Research, St. Georges. The Virgin Islands will be the site of

a course on literature which uses the sea or tropical islands as its setting and seems to have certain predominate themes.

The tri-cultural community of Northeastral New Mexico will be home again for the "Field Experience in Sociology, Anthropology," group as they combine cultural, anthropological and sociological field methods to learn how to analyze a community in depth. The Washington Minister's "A Course in Practical Politics" will analyze the workings of our national government first-hand by inviting people working on all levels within and tangential to the government.

Several courses of particular interest to future teachers or those working for certification are available on the *May Term*. The education department offers "The Psychology and Teaching of Reading in the Elementary Schools," "Teaching Reading Skills in Secondary Schools," and "Science, Health, Safety, and Physical Education." "Elementary Geometry," designed primarily for elementary teachers, and "Mathematics for the Elementary Teacher" are being offered by the math department, while the psychology department has "Behavior Modification Techniques with Children" and "Educational Psychology."

*May Term* classes, which start on May 7th and continue daily until June 1st, will meet at 9:00 a.m. or 1:00 p.m. unless scheduled to meet on some alternate basis. A student may take one of the forty-two *May Term* courses.

### JUNE 11, 1973

An additional thirty-four special courses will be offered during the six-week *Summer Session* from June 11th to July 20th. Wonderful opportunities are available for each student to take one or two courses with classes scheduled at 8:00 and 10:00 a.m., 6:00 p.m., or as arranged.

Courses of particular interest to future teachers or those working for certification include "Field Biology for Teachers," "Introduction to the Study of Education," "Language Arts and Arithmetic," "Teaching Social Studies in the Elementary School," "Pennsylvania History," "Philosophy of

# An Exceptional Experience!

Education," "Curriculum Improvement in the Schools," "Developmental Psychology," and "Educational Psychology."

Businessmen, management personnel in industry, and many laymen will be interested in "Elementary Accounting Theory," "Federal Income Tax Accounting and Planning," "Managerial Accounting," and "Statistics Applied to Business."

Those interested in the arts can choose from "Crafts For II," "Painting I, II, or III," and "Introduction to Photography."

Two summer courses will involve off-campus study: "Archeology in Israel" and "Indian Archeology" at a Williamsport area site.

Courses of general interest include "Principles of Biology I and II," "History of the Modern World 1815-," "Introduction to Statistics," "Ethics," "Introduction to Philosophical Problems," "Introductory Psychology," "Sensory Experimental Psychology," "Personality Theory," "Psychology of Religion," "Marriage and the Family," "Advanced Techniques of Phys. Production," and "Criminology."

### A BARGAIN AGAIN IN EDUCATION

Tuition is again \$150 per credit course for the *May Term* and the *Summer Session*—a greater bargain than ever. This reduced rate is to encourage both full-time regular students and part-time students to attend one or both special terms.

In a period of ten weeks of instruction (eleven calendar weeks), you can earn credit for up to three credit courses, the equivalent of twelve semester hours of credit under a "course credit" system at a cost of only \$450.00 for tuition, a savings of over forty-five percent. Tuition costs will be \$50 for the *May Term* and \$75 for the *Summer Session*. Board will be \$75 for *May Term* and \$90 for *Summer Session*.

Why not attend the *May Term*, the *Summer Session* or both? Pick one, two, or three courses from the seventy-six exceptional opportunities on the following pages and use the application provided.





# OFFER EXCEPTIONAL EXPERIENCES!

the principles of conservation and symmetry, the paradoxes of quantum mechanics, and then try to present insights into how theoretical physicists approach the task of expanding man's knowledge of physics. No prerequisites. No lab. Note: This course will not meet the Laboratory science distribution requirement. Fineman. 9 a.m.

## POLITICAL SCIENCE 62 - The Washington Minuteman A Course in Practical Politics.

How does our government really operate? This is the question the Washington Minuteman seeks to answer, or, at least, to explore. The course will provide students with an opportunity to observe the workings of our national government at first hand. Students will spend at least three weeks in the nation's capital. During this time, they will come into contact with congressmen, judges, party leaders, presidential assistants, lobbyists, and administrative personnel. They will have the opportunity, in seminars, to discuss as well as to question these officials. The Washington Minuteman is a cooperative endeavor between Lycoming College and The American University. The course is team-taught, but the primary responsibility will rest with the Lycoming Political Science Department. It is hoped that the Washington experience will encourage students to make a permanent commitment to participate in our political life. Gaglio and Norton (American U.) Time Arranged. Approximately \$230.

## PSYCHOLOGY 10 - Introductory Psychology.

An introduction to the empirical study of human and other animal behavior. Areas considered may include learning, personality, social, physiological, sensory, cognition and developmental. Prerequisite: English 10, and Mathematics 5 or consent of instructor. Hinceol. 9 a.m.

## PSYCHOLOGY 38 - Educational Psychology.

An introduction to the empirical study of the teaching-learning process. Areas considered may include educational objectives, pupil and teacher characteristics, concept learning, problem solving and creativity, attitudes and values, motivation, retention and transfer, and evaluation and measurement. Prerequisite: English 10, and Mathematics 5 or consent of instructor. Hinceol. 9 a.m.

## PSYCHOLOGY 41 - Behavior Modification Techniques with Children.

Students will study theoretical and practical aspects of the use of behavior modification procedures as a tool to overcome learning and behavior problems of elementary school children. Each student will, under supervision, work with a child in the schools utilizing behavior modification techniques. Time Arranged.

## PSYCHOLOGY 62 - Human Sexual Behavior.

This is an "inter-education" course. It is an in-depth consideration of the physiological and behavioral correlates of human sexual behavior and response. The 50 questions to be dealt with are: What are the relationships between the physiological mechanisms of sexual behavior and the consequent responses, in which sex is the underlying mechanism of sexual behavior? How do changes in motivations and perceptions related to sexual behavior, what are the cultural and environmental effects on both the physiological and behavioral correlates of sexual behavior, and, finally, how do human sexual behaviors relate to sexual behavior patterns of the species? Time Arranged.

## RELIGION 63 - Seminar on the Life, Thought, and Promise of Dietrich Bonhoeffer.

Study will include an investigation of the social, political, and economic situation from which Bonhoeffer came, an examination of his theological ideas and their roots, and speculation on the promise of his ideas for the '70's. Neuffer. 1 p.m.

## RUSSIAN 60 - Cultural Tour of the U. S. S. R.

Offered, in conjunction with the Soviet Area Studies Program. Under arrangements with the State Bureau of Tourism of the USSR, the Lycoming Group will visit Leningrad, Moscow, Novosibirsk, Kiev, and the area around Crimea on the Black Sea and, possibly, the city of Yerevan-capital of the Armenian Soviet Republic which borders on Turkey. The student will have the opportunity to meet informally with Soviet youth, attend theatre performances, visit a factory or a collective farm, go on excursions and sightseeing tours of Hermitage, Winter and Summer Palaces, Moscow, State University, Kremlin, Lenin Mausoleum, Trotsky-Gallery, St. Sophia Cathedral, picturesque Arbat Valley, etc., and hopefully to meet some political officials. It is an invaluable opportunity for any student, Russian-speaking or not, to experience this cultural immersion and learn about the socio-political system that is so radically different from the North American and West European models. Students will be expected to submit written diaries supplemented by photographic reports whenever possible to draw comparisons. In addition, the group will visit West Germany, Denmark, Finland, and Czechoslovakia. Special arrangements can be made for any student wishing to remain in Western Europe for any extended period of time after the trip.

Upon consultation with the respective members of the faculty, the student can obtain course credits from the following departments: Political Science, Sociology, Theatre, Fine Arts, History, Winston. Cost \$700-\$800. Details may be obtained from Mr. Winston.

## SOCIOLOGY 60 - Field Experience in Sociology-Archaeology.

The course involves a sociological analysis of a tri-cultural community (Anglo, Spanish-American, Indian) in Central New Mexico. Both sociological and cultural/anthropological field methods are used. Week days spent in the community in interview teams of two to three persons. Saturdays and Sundays are spent in sight-seeing trips in the area including visits to Santa Fe, Los Alamos, Taos, and adjacent Indian pueblos and national parks. Classes and discussion groups are held during the evenings at Ghost Ranch, our place of residence during the four-week period. McCrary. Cost \$250.

## SOCIOLOGY 61 - Urban Problems.

Offers in-depth study of one or more urban problems through reading, discussion and one week of field experience in New York City. Registration by consent of instructor. Ray. 9 a.m. Cost \$150.

## SOCIOLOGY 62 - Issues in Contemporary Feminism.

An examination of a variety of concerns raised by individuals currently working within the women's movement. Topics discussed will be the nature of sexism, societal conditioning concerning images of women through the family, education and the mass media, relationship of the movement to "New Left" politics, various feminist organizations and their tactics. Readings will be primarily from the feminist press. There will be a four-day trip to New York City to meet with activist groups, visit women's center, and attend a feminist theater production. Weitz. 9 a.m. Expense - \$100 for travel.

## SPECIAL MAY TERM COURSES

The following courses, because they cannot be assigned to a particular department, have been designated as "special" courses and will appear on official transcripts as such.

### SPECIAL 60 - Futurism.

A study of past civilizations and why they died, a review of present-day Western civilization and its future-life or death. Course reviews past history and traditions of some of the great civilizations (Chinese, Egyptian, Greek, and Roman) from the point of view of understanding their disintegration and their ultimate destruction. Course will utilize Arnold Toynbee's *The Study of History* for the purposes of investigating our own Western civilization and to pinpoint its current stage of development. Course will use various other resources, such as *Brave New World*, *Brave New World Revisited*, *The Biological Time Bomb*, *Cybernetics*, and others, for a basis for making assumptions concerning the future. Buckle. Time Arranged.

### SPECIAL 61 - London in May.

Designed for students interested in the arts, this course will emphasize attendance at performances of plays, concerts, operas, and ballets. A minimum of twelve performances is scheduled to be seen. Students will have the opportunity to meet informally with performers, conductors, directors, actors, and teachers. Visits to academies and professional schools will be arranged. There will be opportunity for some travel away from London as well as extensive sightseeing in London to art galleries, museums, etc. Students will be expected to write an evaluative paper based upon viewing and listening to performances, discussions with performers and with faculty instructors. Falk and Morgan. Approximate cost \$550.

### SPECIAL 62 - Indian Archeology.

This course is designed to teach the participants the fundamentals of modern archeological research. It will focus mainly on the excavation of an Indian site in the Williamsport area. In addition to field work, there will be class sessions for the purpose of analysis and study of the materials excavated. (Also offered in Summer Session.) Litt. Time Arranged. Approximate cost \$15.

### SPECIAL 66 - Speleology. (Cave Geology)

This course will introduce students to the fundamentals of cave exploration and study. Through field work in caves in West Virginia, the students will have the opportunity to study cave science, cave exploration, and human behavior in caves. Byler and Darr. Cost estimated at \$110.

### GERMAN 62 - A Cultural Tour of Germany Art 62 credit may be earned.

This total immersion experience will enable students to improve their language skills and to better understand the people, history, and culture of Germany. Such firsthand experience allows students to achieve a greater understanding of their identity. The great to be visited will be chosen for their cultural and historical importance after consultation with participating students. Visits to major museums and historical sites and to theatre and oper performances will be part of the program. Students will be given considerable freedom to pursue their own interests. Enrollment limited. At least elementary knowledge of German preferred. McKenzie. Cost \$550 minimum.

## SPECIAL STUDENT APPLICATION FOR ADMISSION TO LYCOMING COLLEGE 1973 MAY TERM and/or SUMMER SESSION

Name	_____			Social Security Number	_____
	Last	First	Middle		
Home Address	_____			Telephone Number	_____
	Street	City	State	Zip Code	
Attended Lycoming Before?	From	To	No.	Credits Earned	Year Graduated
Other Colleges Attended	_____			No.	Credits Earned
Secondary School Attended	_____			Year Graduated	
Course(s) You Wish To Take - May Term	_____			Summer Session	

If admitted to Lycoming College as a result of this application, you will be classified as a Special Student. As a Special Student you are not a degree candidate until reclassified as a regular student. Credits earned as a Special Student are applicable toward a degree, if the Committee on Admissions approves a petition by you for reclassification as a regular student.

Mail to: Director of Admissions  
Lycoming College  
Williamsport, Pa. 17701

## SUMMER SESSION 1973

### EDUCATION 20 - Introduction to the Study of Education.

The social value of public education, the changing conception of the purposes of education, the problems facing the schools, and the fields of professional activity. A study of the economic, social, political, and religious conditions which have influenced the different educational programs and philosophies, with emphasis being placed on the American education system. Not open to freshmen.  
Conrad. 8 a.m.

### EDUCATION 40 - Language Arts and Arithmetic.

Language Arts for Elementary Teachers. This course is designed to consider the principles, problems, materials, and techniques of teaching English, spelling, penmanship, choral speaking, and children's literature. Observation of superior teachers in elementary schools of the Greater Williamsport Area.

Arithmetic for Elementary Teachers. Arithmetic methods and materials. A study of content, objectives, materials, and methods of instruction; the organization of learning experiences, and evaluation of achievement in the elementary school. Observations of superior teachers in elementary schools of the Greater Williamsport Area. Prerequisite: Education 30.  
Schaefter. 8 a.m.

### EDUCATION 41 - Teaching the Social Studies in the Elementary School.

Studies and experiences to develop a basic understanding of the structure, concepts, and processes of anthropology, economics, geography, history, political science, and sociology as they relate to the elementary school social science curriculum. Practical applications, demonstrations of methods, and the development of integrated teaching units using texts, reference books, films, and other teaching materials. Prerequisite: Education 30.  
Conrad. 10 a.m.

### EDUCATION 50 - Curriculum Improvement in Schools.

A seminar dealing with the process of curriculum improvement and its application to the in-service teacher's area of teaching. Each student, in consultation with the instructor, will build a program for his use, proceeding from objectives through appropriate learning experiences to evaluation. (Open only to teachers in-service or to students who have completed student teaching.)  
Goodman. 10 a.m.

### HISTORY 11 - Modern World (1815 - present)

An examination of the political, social, cultural, and intellectual history of Europe and its relations with other areas of the world from 1815 to the present.  
Larson. 10 a.m.

### HISTORY 50 - Pennsylvania History.

Highlights of local and state history from 1681 to the present with occasional day trips, (1 per week) to points of historical interest such as battlefields and museums.  
Priest. 5 a.m.

### MATHEMATICS 5 - Introduction to Statistics.

Describing distributions of measurements, probability and random variables, binomial and normal probability distributions, statistical inference from small samples, linear regression and correlation, analysis of enumeration data. Includes laboratory experience with the desk calculator.  
Lambert and Henninger. 8 a.m.

### PHILOSOPHY 10 - Introduction to Philosophical Problems.

An inquiry, carried on mainly by discussions and short papers, into a few selected philosophical problems. The problems vary with the instructor, typical examples are: What is a scientific explanation? Are standards of conduct relative? Is it all about God me myself? Reading in philosophical classics and contemporary books and articles.  
Griffith. 8 a.m.

### PHILOSOPHY 20 - Ethics.

A inquiry focusing on the question, "What should I do?" and dealing with the content and rationale of the general normative proposals made by egoists, utilitarians, etc., as to how to decide. Finally, a special topic such as local punishment, human rights, or social justice is examined. Reading in philosophical classics and contemporary books and articles.  
Griffith. 10 a.m.

### PHILOSOPHY 24 - Philosophy of Education.

An examination of the basic concepts involved in thought about education. The methods for viewing the educational process, and some of the competing values and principles which education involves. Typical of the questions discussed are: What is liberal education? Are education and indoctrination really different? Are student freedom and intellectual authority compatible?  
Whelan. Time Arranged.

### PSYCHOLOGY 10 - Introductory Psychology.

An introduction to the empirical study of human and other animal behavior. Areas considered may include learning, personality, social, physiological, sensory, cognition and developmental.  
Hurr. 10 a.m.

### PSYCHOLOGY 20 - Sensory Experimental Psychology.

The examination of psychophysical methodology and basic neurophysiological methods as they are applied to the understanding of sensory processes. Prerequisite: Psychology 10, Mathematics 5.  
Brittain. 10 a.m.

### PSYCHOLOGY 22 - Personality Theory.

Theories of Personality. A comparison of different theoretical views on the development and functioning of personality. Examined in detail are three general viewpoints of personality: psychodynamic, stimulus-response (behavioristic), and phenomenological. Prerequisite: Psychology 10.  
O'Brien. 6-5 p.m.

### PSYCHOLOGY 31 - Developmental Psychology.

A study of the basic principles of early human growth and development. Prerequisite: Psychology 10.  
Loomis. 10 a.m.

### PSYCHOLOGY 38 - Educational Psychology.

An introduction to the empirical study of the teaching-learning process. Areas considered may include educational objectives, pupil and teacher characteristics, concept learning, problem solving and creativity, attitudes and values, motivation, retention and transfer, and evaluation and measurement. Prerequisite: Psychology 10, and Mathematics 5 or consent of instructor.  
Hancock. 8 a.m.

### RELIGION 58 - Psychology of Religion.

The course is designed to use broad insights of psychology to study and understand religious behavior. Concentration will be made on religious experience or manifestations rather than on concepts. The aim is to arrive at tentative conclusions as to what it means to be religious and what the religious function is in human development.  
Neuner. 10 a.m.

### RELIGION 59 - Archeology in Israel.

Credit for archeological work in Israel (June 17-August 3 at Tell Gezer) can be gained from Hebrew Union College Biblical and Archeological School as part of Lycoming College's affiliation with the consortium there. Lycoming College makes the air travel arrangements, provides guidance in preparation for the excavation, and serves as the liaison with Hebrew Union College. Total cost for seven weeks of archeological work are \$800 (air fare, tuition, registration, room and board). This credit is transferable as Field Palestine Archeology in the Department of Religion, as a history course in the Department of History, or as an anthropology course in the Department of Sociology and Anthropology. Additional credit may be earned by making application to the Committee on Independent Studies in any of the above-mentioned areas, plus Art or Political Science, and payment of the appropriate fees. All transfer credit is in religion. Additional credit in departments other than Religion is acquired by applying for Independent Studies in the department of choice. Interested students should contact Dr. David Lutz, Coordinator, Near East Studies Program.

### SOCIOLOGY 20 - Marriage and the Family.

The history, structure, and functions of modern American family life, emphasizing dating, courtship, factors in marital adjustment, and the changing status of family members. Prerequisite: Sociology 10 or consent of instructor.  
McCray. Time arranged.

### SOCIOLOGY 30 - Criminology.

The nature, genesis, and organization of criminal behavior are examined from both group and individual viewpoints. Favorable delinquency and the treatment of crime are presented. Prerequisite: Sociology 10 or consent of instructor.  
Rux. 10 a.m.

### SPECIAL 62 - Indi in Archaeology.

This course is designed to teach the participants the fundamentals of modern archeological research. It will focus mainly on the excavation of an Indian site in the Williamsport area. In addition to field work, there will be class sessions for the purpose of analysis and study of the materials excavated. (Class offered in May Term.)  
Lutz. Time Arranged. Approximate cost \$15.

### THEATRE 31 - Advanced Play Production Techniques.

A detailed consideration of the interrelated problems and techniques of play analysis, production styles, and design.  
Falk. Time arranged.

### ACCOUNTING 10 - Elementary Accounting Theory.

An introductory course in recording, classifying, summarizing, and interpreting the basic business transaction. Problems of classification and interpretation of accounts and preparation of financial statements are studied. An IBM computer is used to solve some of these problems.  
Huber. 10 a.m.

### ACCOUNTING 41 - Federal Income Tax Accounting and Planning.

Analysis of the provisions of the Internal Revenue Code relating to income, deductions, impositions, and accounting methods. Practical problems involving determination of income and deductions, capital gains and losses, computation and payment of taxes through withholding at the source and through declaration are considered. Planning transactions so that a minimum amount of tax will result is emphasized. Prerequisite: Accounting 10 or consent of instructor.  
Huber. 8 a.m.

### ART 20 - Painting I.

An introduction of painting techniques and materials. Coordination of color, value, and design within the painting is taught. Some painting from the figure. No limitations as to painting media, subject matter or style. Prerequisite: Art 15.  
Shipley. 10 a.m. Extra Costs \$35.

### ART 26 - Crafts I.

An introduction to the various craft materials, processes, design problems, and techniques involved in work in such crafts as clay, wood, fiber, metal, and plastics.  
Amigh. 8 a.m. - Noon.

### ART 30 - Painting II.

Emphasis is placed on individual style and technique. Artists and movements in art are studied. No limitations as to painting media, subject matter, or style. Prerequisite: Art 20.  
Shipley. 10 a.m. Extra costs \$35.

### ART 36 - Crafts II.

More advanced experimentation with crafts materials, with greater emphasis upon good craftsmanship and aesthetic quality. Prerequisite: Art 26.  
Amigh. 8 a.m. - Noon.

### ART 40 - Painting III.

Professional quality is stressed. There is some experimentation with new painting techniques and styles.  
Shipley. 10 a.m. Extra Costs \$35.

### APT 59 - Introduction to Photography.

Course is designed to coordinate and develop basic digression skills with a sense of the creative and aesthetic points of view of the medium. In developing this skill and sensitivity emphasis is placed upon picture quality and a comprehensive awareness of light. The work of master photographers will be viewed in a mid to low cost understanding the potential of the art. The term offers the advantage of being able to plan several day and weekend outings and to monitor development in a more constant relationship. Limited to 20 students.  
Wild. Hours arranged. Lab Fee \$10. Students furnish own 35mm camera. Anticipated extra costs: \$50-100

### BIOLOGY 3 - Field Biology for Teachers.

A method course for student preparation to teach biology. Sources and methods of collecting and preserving various plant and animal materials.  
Green. Time arranged. Lab Fee.

### BIOLOGY 10 and 11 - Principles of Biology.

An investigation of biological principles including ecology, systems, and function in selected representative animal and plant cell theory, molecular biology, reproduction, nutrient needs, adaptation, and evolution. Biology 10 first three weeks, Biology 11 second three weeks.  
Angstadt and Ditch. 5 a.m. - Noon. Lab Fee.

### BUSINESS 11 - Managerial Accounting II.

The business firm is a decision-making institution adapting to a constantly changing environment. Future administrators and managers are introduced to their stewardship responsibilities by use of accounting and statistical techniques as tools in planning and controlling the organization.  
Kug. 8 a.m.

### BUSINESS 23 - Statistics Applied to Business.

Techniques of descriptive statistics useful in business administration and economic analysis. Topics covered include sampling, index numbers, analysis of time series, analysis of variance, and sample survey techniques. Prerequisite: Math. 5.  
Stuffer. Time Arranged.

# START YOUR SUMMER AT LYCOMING!



