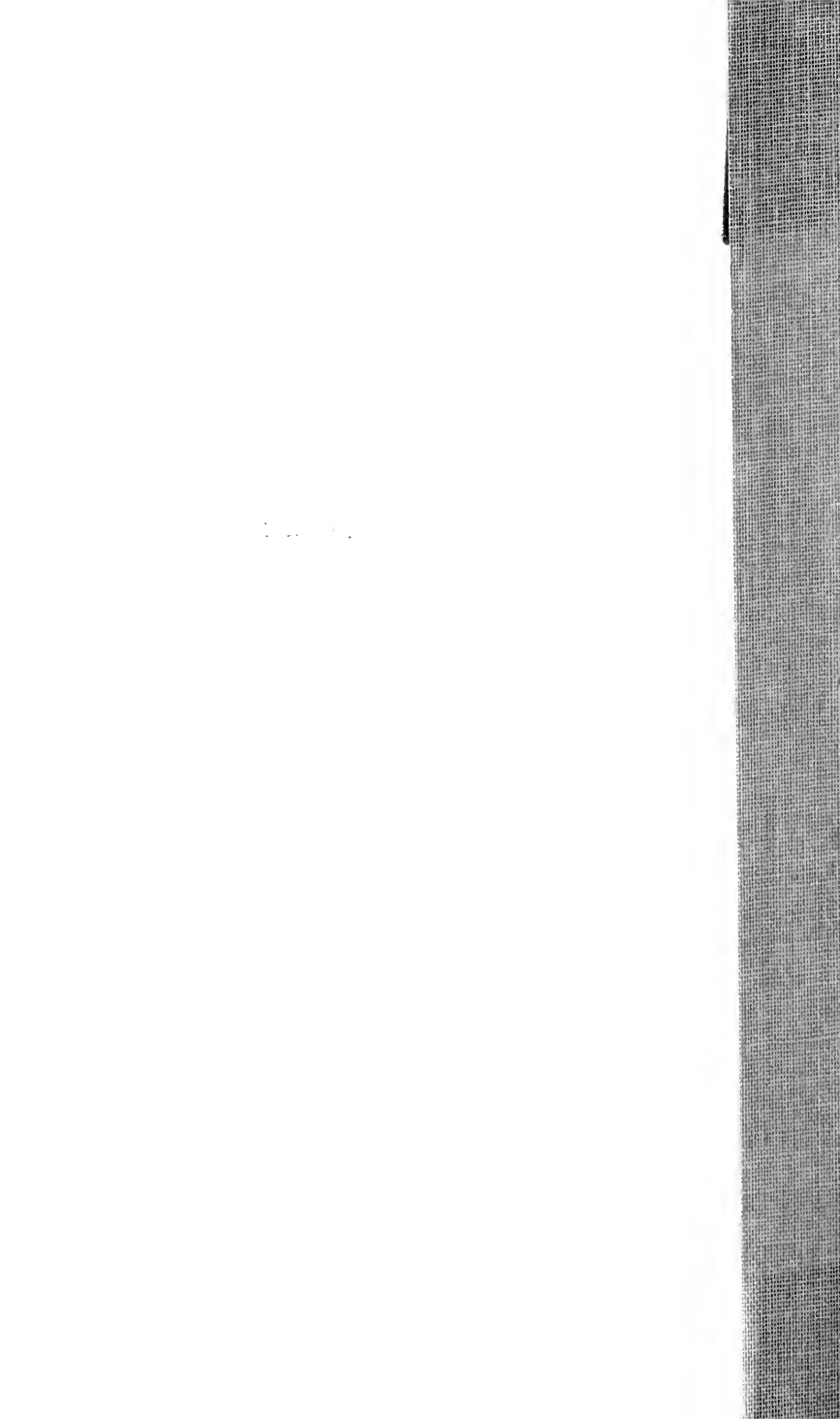


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# HONOR AWARDS CONVOCATION

## COLLEGE OF ENGINEERING

## UNIVERSITY OF ILLINOIS AT URBANA - CHAMPAIGN

### MAY 5, 1972

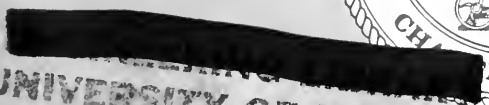
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### Recognition of Outstanding Students

University of Illinois  
at Urbana-Champaign

### in the College of Engineering



UNIVERSITY OF ILLINOIS  
URBANA, ILLINOIS 61801

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1972

## UNIVERSITY HONORS : THE BRONZE TABLET

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The following students in the College of Engineering were awarded University Honors in February 1972 or are to be awarded University Honors in June 1972. As a general rule, they have ranked in the upper three percent of all the students in the College in their cumulative grade-point average based on credits earned at the University. Annually these names are inscribed on the Bronze Tablet which hangs permanently in the University Library.

Harry G. Davis  
Carole T. Forsberg  
George W. Graham  
William C. Horak  
Louis J. Mancini  
Robert A. Marshalla  
Gregory C. Novak

Patrick G. Rausch  
Larry W. Rauser  
Richard C. Reed  
Ronald W. Schneider  
Richard N. Talmadge  
Albert V. Toy  
Jack P. Trautman

Pramod K. Varshney





## DEGREES AWARDED WITH HIGHEST HONORS

---

FEBRUARY 1972

Allen W. Bettner  
Robert W. Bloemer  
James L. Daugherty  
Carl L. Eggerding  
Carole T. Forsberg  
Michael S. Franklin  
John V. Phillips

Richard C. Reed  
David R. Schneider  
Ronald D. Shewmaker  
Gerald A. Strahl  
Kenneth C. Sutton  
Albert V. Toy  
Pramad K. Varshney

## DEGREES AWARDED WITH HIGH HONORS

---

FEBRUARY 1972

James S. Benten  
Thomas R. Buschbach  
Gerald J. Butler  
Stephen L. Erickson  
Carl J. Greenwald  
Thomas B. Haar  
Lawrence C. Hollatz  
Joseph H. Kilar  
Philip J. Lane

George J. Licina  
Gregory A. Mason  
William E. Nelson  
Gary A. Roediger  
Ernest A. Sammann  
Galen W. Stanley  
Gary E. Thoman  
Kai Sin Wong  
William W. Wuellner

## DEGREES AWARDED WITH HONORS

---

FEBRUARY 1972

James B. Blandford  
Paul T. Goodapple

Terrence R. Phelan  
David D. Stasinski

David R. Halley  
Ken E. Peck

David W. Williams  
Doris I. Willmer

## **DEGREES AWARDED WITH HIGH HONORS**

---

**OCTOBER 1971**

Dennis D. Niehoff

Stephen A. Sutton

## **DEGREES AWARDED WITH HIGHEST HONORS**

---

**AUGUST 1971**

Larry V. Best

Rocco Gibala

## **DEGREES AWARDED WITH HIGH HONORS**

---

**AUGUST 1971**

Michael F. Berger  
Timothy L. Crawford  
John L. Klecker

Russell C. McKown  
Kirk A. Snodgrass  
Terry L. Staltz

## **DEGREES AWARDED WITH HONORS**

---

**AUGUST 1971**

Wilbur C. Greer

George D. Voss

Sidney V. Kaiser

## DEGREES AWARDED WITH HIGHEST HONORS

---

JUNE 1971

Michael Alpern  
Donald W. Anderson  
Robert B. Arthur  
Wai K. Chan  
Patrick J. Chesley  
Kim F. Fuller  
Roger F. Hoyt  
Bruce A. Huber  
David C. James  
Robert M. Jecmen  
Dale R. Jurich  
Charles A. Klein  
Norman L. Klocke  
David R. Lancaster

Wing K. Liu  
John C. Lowe  
Edward D. Nowak  
Craig A. Olsen  
Larry T. O'Ravis  
David M. Parks  
Rodney W. Rieger  
Frederick Schottman  
Ronald W. Steffen  
William J. Sudlow  
Franklin D. Ubell  
Michael C. Weishar  
Gary A. Wilken  
Donald E. Wilson

## DEGREES AWARDED WITH HIGH HONORS

---

JUNE 1971

Robert L. Baechle  
Richard L. Bergstrom  
Craig N. Burson  
Tatyin B. Choi  
Ernest V. Clements II  
Anthony L. Debates  
Henry J. Dresch  
William T. Ellis  
Rod Erin  
William T. Evans  
Donald M. Field  
Michael C. Frett  
Daniel P. Frykman  
Daniel T. Gallagher

Gary J. Jurkin  
Robert C. Kahn  
Jim T. Kesaris  
Edward V. McGuire  
James L. Meara  
Robert E. Morey  
Steve R. Mueller  
Larry E. Nazimek  
Richard W. Pieper  
Paul W. Pope  
Philip C. Rockenback  
James E. Rose  
James H. Scherffius  
Roger M. Schiavoni

Ernest L. Gibson  
John J. Hainaut  
Richard N. Hochschild  
Gregory Holland  
Dennis R. Howland  
Michael M. Imanaka  
Martin J. Johnson

Robert L. Spilker  
William T. Trojan  
Mark E. Turek  
William C. Wagner  
Jay J. Wait  
Kuo Yen Wen  
Andrew B. White

William F. Zavcho

## DEGREES AWARDED WITH HONORS

---

**JUNE 1971**

Glen C. Coberly  
Chou J. Englund  
Max L. Frailey  
Thomas J. Freund  
Ronald E. Fritz  
Michael W. Harrison  
Jerry M. Kitchen

Charles P. Knell  
Richard A. Koscik  
Robert G. Kraker  
Dean A. Leffingwell  
Richard C. Murray  
Dennis J. Shaw  
David E. Trachtenbarg

Mitchell Wunderlich

# DEPARTMENTAL STUDENT PRIZES AND AWARDS

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In addition to the awards of the College of Engineering, several departments of the College have their own awards. Some, like the Baker Award in Civil Engineering, are of long standing. All are a source of pride to the department and of honor and prestige to the recipient. Departmental awards are presented at different times throughout the year and come from widely varying sources. Funds have been created as memorials to departed faculty and students, to recognize outstanding achievement and scholastic ability and to encourage interest and effort in a particular research area or industry. The funds are supported by donations from friends and relatives of the one being memorialized, from friends of the University, from industry, and from alumni.

## **AIR CONDITIONING, REFRIGERATION, AND HEATING AWARD** **Mechanical and Industrial Engineering**

The Air Conditioning, Heating, and Ventilating magazine awards the Handbook of Air Conditioning, Heating, and Ventilating to a senior who has displayed outstanding interest and proficiency in the area of environmental control. The selection is made by the faculty, and the recipient's name is placed on a plaque located in the Mechanical Engineering Building, and a certificate is given to each winner.

Award Recipient: Donald C. Langley

## **AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS AWARDS**

A two-year technical membership in the American Institute of Aeronautics and Astronautics is awarded to the graduating aeronautical and astronautical engineering senior with the highest scholastic average, and a two-year technical membership in the Institute is awarded to the graduating aeronautical and astronautical engineering senior for the best seminar delivered before the student or-

ganization. The winner of the latter is determined by the vote of the organization.

Award Recipients: Gary A. Roediger  
William C. Horak

## **AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS AWARD**

The Land of Lincoln chapter (senior chapter) of the American Institute of Industrial Engineers awards a plaque each spring to the outstanding industrial engineering student. Selection of the recipient is based on the recommendation of the faculty and liaison senior member. Scholastic standing, active membership in the student chapter of the American Institute of Industrial Engineers, and other extracurricular activities are considered by the judges in making this award.

Award Recipient: David J. Knapp

## **AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS HONORS AWARDS**

Honor Award Keys of the American Society of Agricultural Engineers are given to junior and senior students in the professional curricula who are members of the student branch and who have demonstrated high scholastic ability while participating in professional societies, student government, and other organizations. One award is granted for each twenty-five members of the student branch society.

Award Recipients: Ronald W. Schneider  
Joseph A. Teijido

## **CHICAGO CHAPTER OF THE AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS HONORED MEMBER SCHOLARSHIP AWARD**

An award of \$100 is made annually in the name of an honored member

of the Chicago Chapter of the American Society of Agricultural Engineers to a sophomore or junior student enrolled in agricultural engineering. The winner's name and the name of the honored member are engraved on a plaque located in the Agricultural Engineering Building. The student to receive the award is chosen by the honored member and the executive committee of the Chicago Chapter from a slate of three students submitted by the Agricultural Engineering Department Awards Committee. The basis of the award is financial need, extracurricular activities, excellence of scholarship, and character. No student may receive the award more than once.

Award Recipient: Ronald L. Elliott

## **AMERICAN SOCIETY OF CIVIL ENGINEERS AWARDS**

The awards consist of dues for the first year for associate membership in the American Society of Civil Engineers, an associate member's badge, and a certificate. The Central Illinois Section presents awards in April to three graduating civil engineering students selected from the graduating classes of February, June, and August of the current year. Students are selected who have attained high scholarship and who have been active in promoting the affairs of the student chapter at the University.

Award Recipients: Randolph M. Freeman  
Martin G. Buehler  
Gary L. Ebersole

## **AMERICAN SOCIETY OF MECHANICAL ENGINEERS PRIZES**

This society offers annually five prizes of \$10 to \$50 for the best papers prepared by senior student members of the society as judged in regional competitions. This society also offers annually five prizes of \$25 to \$200 to the students preparing the best papers on a selected topic in a nationally conducted competition. The student branch of the society awards a merit certificate to a student for

outstanding service to the society and also to all students participating in the regional competition.

Award Recipient: Richard M. Woo

## **IRA O. BAKER PRIZES**

### **Civil Engineering**

Dr. Ira O. Baker, late Professor of Civil Engineering and Head of the Department, 1878-1915, endowed two prizes for the two top-ranking senior students in civil engineering. These awards, presented each spring and amounting to \$100 and \$50, respectively, are based primarily on excellence of scholarship and secondarily on personal qualities and professional activity. The names of the winners in each year are placed on a bronze tablet located near the office of the Department of Civil Engineering, and a special certificate is given to each winner.

Award Recipients: Richard C. Reed  
Carole T. Forsberg

## **ETA KAPPA NU AWARD**

### **Electrical Engineering**

The University of Illinois chapter (Alpha) of Eta Kappa Nu, national honorary fraternity, selects and recognizes the most outstanding senior electrical engineer each year. The selectee's name is engraved on a wall plaque for permanent display in the Electrical Engineering Building, and an engineering handbook is awarded.

Award Recipients: Allen W. Bettner  
Michael VanBlaricum



## **EDWARD S. FRASER AWARD**

### **General Engineering**

A fund has been established in the University of Illinois Foundation by Edward S. Fraser, Civil Engineering, Class of 1939. The income from this fund is used for an annual award of \$100 to an outstanding graduating senior in general engineering. The award is based on high scholarship and participation in University activities. The names of the winners each year are placed on a bronze plaque located in the Transportation Building, and an inscribed plaque is given to each winner.

Award Recipient: Louis J. Mancini

## **GENERAL ENGINEERING PROJECT DESIGN AWARD**

This award was established by the Department of General Engineering in 1969. Gifts from faculty and alumni of the department provide funds to make an award of \$25 and a certificate to each member of the design team in the senior course General Engineering 242, Project Design, whose design project has been judged by the department design faculty to be the most outstanding in each calendar year. In selecting the winning project, the judges recognize outstanding excellence in the development of a creative solution for a complex original engineering problem. The award is presented at the annual student-faculty spring banquet. The names of the winners are inscribed on a plaque that is located in the General Engineering Design Room in the Transportation Building.

Award Recipients: Lawrence W. Hindle  
John M. Munson

## **RANDOLPH P. HOELSCHER AWARD**

### **General Engineering**

This award was established by the Department of General Engineering

in 1968 to honor Randolph R. Hoelscher, Professor of General Engineering and Head of the Department, from 1918 to 1959, by gifts from faculty and alumni of the department. The award, consisting of a certificate and \$75, is presented each spring to the outstanding junior general engineering student in recognition of scholarship, leadership promise, activities, including the Illinois Society of General Engineers, and cultural development. The names of the winners each year are placed on a plaque located in the Transportation Building.

Award Recipient: Robert J. Novaria

## **E. W. LEHMANN AWARD**

### **Agricultural Engineering**

This award was established to honor E. W. Lehmann, Professor of Agricultural Engineering and Head of the Department, 1921-1955. A cash award is presented each spring to a student in agricultural engineering, and is based on excellence of scholarship, personal qualities, and professional activity.

Award Recipients: Dean L. Bogner  
Benjamin L. Schmidt  
Ronald W. Schneider  
Earl H. Williams

## **O. A. LEUTWILER AWARD**

### **Mechanical and Industrial Engineering**

In honor of O. A. Leutwiler, Professor of Mechanical Engineering and Head of the Department, 1934-1945, funds have been made available for an annual award of \$50 to a senior student in mechanical or industrial engineering. The award is based on scholarship, personal qualities, and professional and cultural activities. The names of the winners each year are placed on a plaque located in the Mechan-

cal Engineering Building, and a certificate is given to each winner.

Award Recipients: Marvin G. Leman  
Willis F. Younker

## **MACHINERY AWARD**

### **Mechanical and Industrial Engineering**

The Machinery magazine awards a machinery handbook and a subscription to Machinery magazine to a senior who has displayed outstanding interest and proficiency in the area of machine design. The selection is made by the machine design faculty. The recipient's name is placed on a plaque located in the Mechanical Engineering Building and a certificate is awarded.

Award Recipient: Benjamin M. Witte

## **H. L. MARCUS - L. B. PHILLIPS AWARD**

### **General Engineering**

This award was established by Michael Phillips, General Engineering, Class of 1963, and his wife, Judith Ann (Marcus) Phillips, in honor of their fathers who, like other fathers, have been the inspiration of their sons and daughters throughout their college years. A prize award of \$100 is given annually to an outstanding senior in general engineering in recognition of scholarship, character, and activities. The names of the winners each year are placed on a bronze plaque located in the Transportation Building, and an inscribed plaque is given to each winner.

Award Recipient: Frank J. Fronczak, Jr.

## **MUELLER COMPANY AWARD**

### **Mechanical and Industrial Engineering**

This award is given to an outstanding junior in mechanical engineering and consists of a small plaque and a check.

Award Recipient: David L. Frederickson

## **PI TAU SIGMA AWARD**

### **Mechanical and Industrial Engineering**

The University of Illinois Alpha chapter of Pi Tau Sigma, national mechanical engineering honorary fraternity, selects and recognizes the most outstanding sophomore in mechanical engineering each year. The recipient's name is placed on a plaque located in the Mechanical Engineering Building, and an engineering handbook and a certificate are awarded.

Award Recipient: Thomas R. Roose

## **W. H. RAYNER SURVEYING AWARD**

### **Civil Engineering**

This award was established in 1960 to honor William H. Rayner, Professor of Civil Engineering, Emeritus, by gifts of money from the Society of Professional Land Surveyors and the Illinois Registered Land Surveyors Association. The award, consisting of a certificate and \$30, is presented each spring to a student in civil engineering who has completed the required courses in surveying and has demonstrated an interest in surveying by enrollment in elective courses, by employment part time during the school year or during summers, or by the preparation of technical papers dealing with surveying.

Overall scholarship and grades in the surveying courses are also considered in the selection of the winner.

Award Recipient: Michael E. Farrell

## **ERNEST A. REID OPEN HOUSE AWARD**

### **Electrical Engineering**

This award was established in 1967 to honor Ernest A. Reid, Professor of Electrical Engineering, and is endowed by gifts from his associates and friends. A \$25 award is given to the electrical engineering student who creates the best new Engineering Open House project.

Award Recipients: John R. Frus  
Lincoln M. Little

## **FRED B. SEELY AWARD**

### **Theoretical and Applied Mechanics**

In honor of Fred B. Seely, Professor of Theoretical and Applied Mechanics, Emeritus, and Head of the Department, 1934-1952, funds were established in 1960 for an annual award of \$100 to a senior student in engineering mechanics. The award is based on scholarship, personal qualities, and professional and cultural activities. Certificates of award are given to the recipients and their names are placed on the bronze plaque located in Talbot Laboratory.

Award Recipient: William F. Beltz

## **A. L. THOMAS AWARD**

### **Civil Engineering**

This award is presented each spring to the junior in civil engineer-

ing having the highest academic average for the third, fourth, and fifth semesters of work completed at the University of Illinois. This award was endowed by Alfred Benesch and Associates, Consulting Engineers, Chicago, Illinois, in memory of their late partner, A. L. Thomas. The award consists of a certificate and \$35.

Award Recipients: John L. Hartwig  
Mark A. Hollingshead

# ENGINEERING HONORARY SOCIETY INITIATES

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## All-Engineering Societies

### SIGMA TAU FALL 1971

David A. Beck  
Donald M. Bitz  
Richard L. Brown  
John J. Brull  
Arthur W. Buehring  
Richard A. Chan  
Michael J. Clemens  
Thomas L. Cooling  
Ronald L. Elliott  
Kenneth W. Fiduk, Jr.  
Rodger D. Fildes  
Richard W. Forbes  
Harvey L. Fritch  
Theodore Guy  
Timothy A. Harrington  
Robert A. Hedeem  
Robert M. Kipp  
Mark A. Koelling  
Daniel J. Kohnen  
Timothy D. Laren

James N. Gleason  
Michael L. Leonard  
Walter E. Lohmann  
Stephen J. Martinek  
Michael D. McCoy  
Dan E. Muehlenbein  
Corwin E. Oldweiler  
James P. Pearson  
John D. Schutte  
Kim E. Seeber  
Paul S. Skager  
Susan D. Smith  
Frank P. Stejskal  
Jack P. Trautman  
John S. Weinberg  
Gerald C. Werner  
John R. Weyrauch  
David Willenborg  
David W. Williams  
Peter H. Wolf

### TAU BETA PI FALL 1971

John J. Brull  
Michael J. Clemens  
Charles H. Folkerts  
Howard P. Honson  
Randolph L. Hopp

Robert A. Page  
Robert A. Ruby  
Jack P. Trautman  
Jacob W. Ulvila  
Allen L. Van Hoozen

William M. C. Leone  
Erick W. Mordstrom

John R. Weyrauch  
David W. Williams

Donald Woferd, Jr.

## **Departmental Honorary Societies**

### **ALPHA EPSILON**

**Agricultural Engineering**

**FALL 1971**

Melvin H. Buescher  
David B. Burgener  
Ronald L. Elliott  
John M. Flenniken  
Robert E. Hefner

William C. Heimann  
Paul C. Johnson  
Paul J. Klazura  
Carl W. Winters  
Julian E. Wubben

### **SPRING 1972**

John L. Jeschke

Alan L. Schweigert

Gerald C. Misener

### **ALPHA SIGMA MU**

**Metallurgy and Mining Engineering**

**FALL 1971 and SPRING 1972**

Frederick Brotherson  
Patrick O. Capp

Dennis C. Niemeyer

Edward P. Cox  
Lawrence L. Kastelic

### **CHI EPSILON**

**Civil Engineering**



## FALL 1971

Robert J. Andres  
Thomas R. Begley  
Martin G. Buehler  
Michael A. Burson  
Thomas L. Cooling  
James E. Furlan  
Philip A. Gazda  
Richard A. Guinn  
James A. Hanlon  
Keith R. Johnson  
Charles J. Kanapicki  
Robert J. Lauf

Roger P. LeDuc  
Michael R. Little  
Brad A. Marion  
Dana G. Meier  
John S. Mifflin  
James E. Niestradt  
Corwin E. Oldweiler  
Donald N. Ruehrwein  
Ralph E. Sauthoff  
Thomas J. Schaeffer  
Kim E. Seeber  
Grant W. Shaw

## SPRING 1972

Charles Barenfanger  
James L. Bloomquist  
John L. Hartwig  
Mark A. Hollingshead  
Mark A. Koelling  
Jeffry E. Lamb

Michael E. Musial  
Fred N. Ranck  
James F. Schmutte  
Paul S. Skager  
James W. Smith  
Nicholas Stramandi

Josef J. Udvari

## ETA KAPPA NU

### Electrical Engineering FALL 1971

John J. Allemong  
Sanford B. Baran  
Richard Brown  
Kenneth J. Carroll  
James J. Coleman  
David C. Denney  
Kenneth W. Fiduk  
Charles H. Folkerts  
Joseph G. Gibes

Peter K. N. Mak  
James Mueller  
Richard A. Nagel  
Peter J. Nordstrom  
Robert Ruby  
John W. Schmidt  
John D. Shutte  
Michael Streitmatter  
Jack P. Trantman

Jeffrey S. Glick  
Carl Greenwald  
William N. C. Leang  
Michael Ludowise

Kum-Suem Tse  
Jacob W. Ulvila  
Paul A. Whittaker  
Douglass O. Wilner

Kenneth Wroblewski

## **SPRING 1972**

Michael J. DuDash  
John F. Ehr Gott  
Dennis J. Fajfar  
Richard Harris  
Steven J. Kaminski  
Robert N. Keasler  
Courtney E. Krehbiel  
Gerald P. Labedz

Richard Pleniewicz  
Susan D. Smith  
Maureen C. Stone  
Mark E. Tolliver  
Park D. Waldrop  
Charles A. Whitley  
Scott E. Woodard  
James E. Yedinak

## **GAMMA EPSILON**

### **General Engineering**

## **SPRING 1972**

Gregory P. Boysen  
Daniel M. Burke  
Robert B. Burns, Jr.  
Paul D. Capponi  
Michael D. Clary  
Patrick L. Daum  
Richard A. Doty  
Robert C. Edstrom  
David L. Hagen

Thomas L. Koehler  
Kenneth M. Kravitz  
Robert J. Novaria  
Joseph J. Sarmiento  
Wayne P. Siems  
Terry N. Snyder  
James A. Sullivan  
Jerry A. Wagner  
Ralph J. Wagner

James H. Wildemuth

## **PI TAU SIGMA**

### **Mechanical and Industrial Engineering**

## **FALL 1971**

Kenneth L. Boekhaus

Bruce A. Johnson

Alan R. Christ  
Edward A. Crylen  
David L. Frederickson  
Robert W. Gallagher  
John P. Goetzmann  
Robert A. Hedeem  
Jerry D. Hendricks  
John A. Houkom

William E. Leden  
Robert J. Moravec  
Stephen Plesh  
David J. Purdy  
Robert W. Roepke  
Gary G. Smith  
Randall G. Sommer  
John S. Weinberg

## **SIGMA GAMMA TAU**

### **Aeronautical and Astronautical Engineering**

### **FALL 1971**

Terrence A. Cabay  
Michael J. Clemens  
Daniel H. Else III  
William C. Haub

John L. Krazinski  
Mark R. Lawson  
Margaret M. O'Reilly  
James P. Pearson

Robert J. Salm



# KNIGHTS OF ST. PAT

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The Knights of St. Pat award seeks to recognize and honor those students involved in engineering activities, such as technical societies, Engineering Council, and Engineering Open House, which contribute to the engineering profession, the University, and the College. Also, character, leadership qualities, and professional attitude play a significant role in the selection of a Knight. Students are nominated for the award by an engineering society, engineering department, or the College. The honor is named for the patron saint of engineers, St. Patrick, and was first given in 1950. The award of honorary faculty Knight was first given in 1958; the recipient is selected by the Knights-elect.

Albert J. Aikus  
General Engineering  
Sammy L. Anderson  
General Engineering  
Steven K. Denny  
Electrical Engineering  
Ronald L. Elliott  
Agricultural Engineering  
Randolph M. Freeman  
Civil Engineering  
Karen S. Kerans  
Aeronautical and Astro-  
nautical Engineering  
Charles W. Ruth  
Civil Engineering

Joseph J. Sarmiento  
General Engineering  
Ronald W. Schneider  
Agricultural Engineering  
Joseph A. Tejjido  
Agricultural Engineering  
Michael L. VanBlaricum  
Electrical Engineering  
John M. Warren  
General Engineering  
Earl H. Williams  
Agricultural Engineering  
Willis F. Younker  
Mechanical and Indus-  
trial Engineering

Joseph E. Zanoni  
Mechanical and Indus-  
trial Engineering

Honorary Faculty Knight: Robert W. Bokenkamp, Assistant Dean,  
College of Engineering

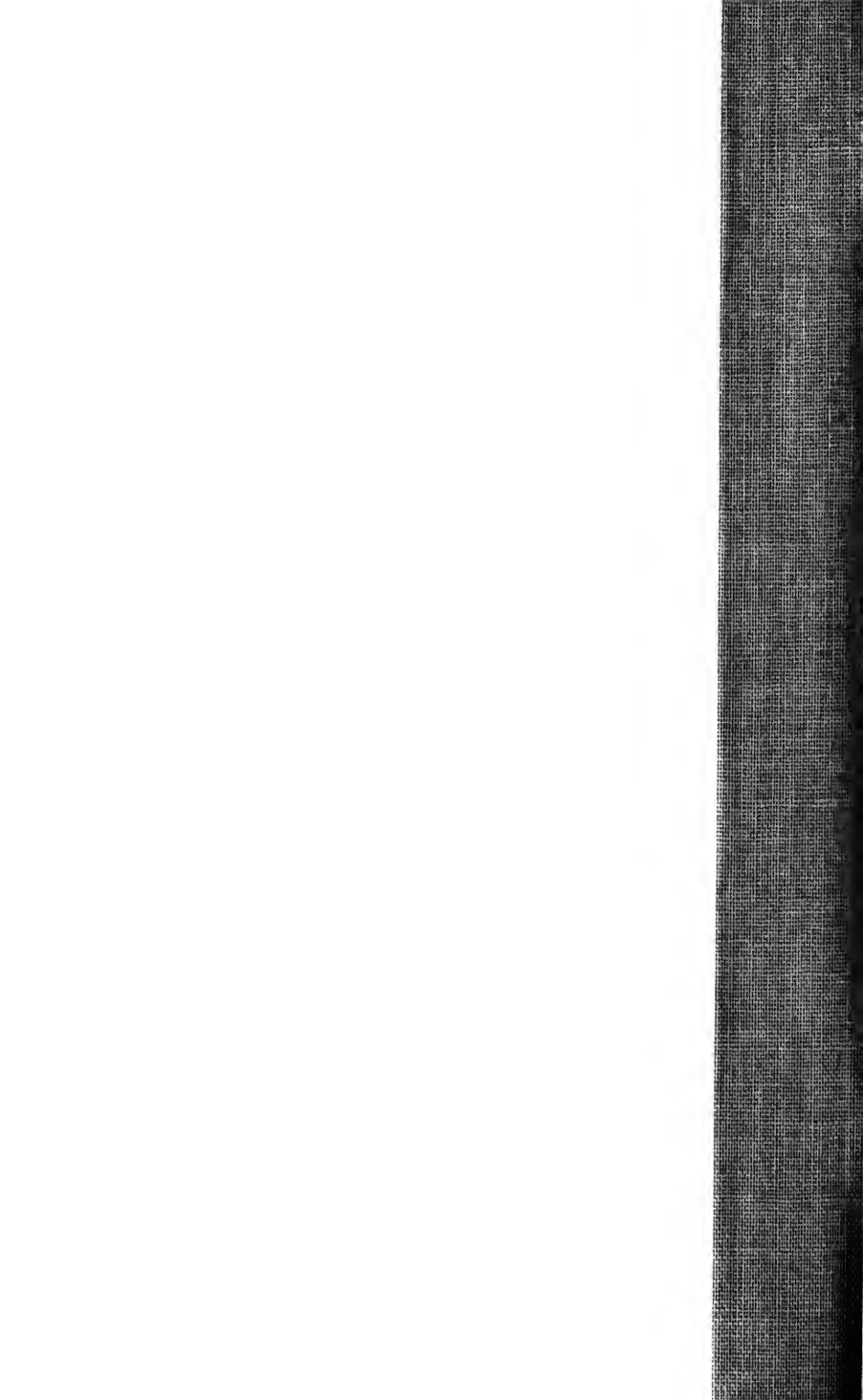














UNIVERSITY OF ILLINOIS-URBANA

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Honor awards convocation College of En



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