Presenting

The 1965

NUCLEUS

The College ................................ 7
Activities .................................. 37
College Life ................................. 95
Graduates .................................. 131

Joseph DiRienzo
Editor-In-Chief

Anthony DeStefano
Associate Editor

John Erdreich
Associate Editor

Paul Wynne
Associate Editor

Hayden Goldberg
Faculty Adviser
Change has characterized NCE throughout the year. The past semesters have been marked by improvements in curriculum, faculty, and undergraduate life, with the most significant being the physical changes which have characterized the growth of a new campus.
The slums and tenements which once surrounded the college have been torn down,
and absence of parking spaces.

... causing a great deal of difficulty with its remaining rubble and mud...
During this ordeal we witnessed, the birth of . . .

. . . a new and more beautiful Newark College of Engineering.
The new campus is expected to provide a foundation for academic pursuits, . . .
Our President . . .

. . . Addresses the Class of 1965

“When the editor of the 1965 Nucleus invited me to prepare a message, he advised me that the theme of the yearbook was to be based on the changes taking place at NCE. Change is, of course, evolutionary, depending upon past as well as current actions. It is more dramatically obvious, however, when actual physical change takes place.

Certainly, no theme could be more appropriate or more significant at this time; for you, the members of the Class of 1965, have lived with us through four years which have seen our new 20-acre campus come to life. By the time you graduate, four of the currently planned six buildings will be almost completed. As exciting as this new construction program is, it is, however, but one outer manifestation of much more significant changes taking place both within the College and in the world at large.

Within NCE, during the four years you have been with us, major changes have taken place in our curricula, much new and advanced equipment has been added, the Research Foundation has developed, and, as one example of change, a knowledge of computers has become an integral part of our undergraduate education. Outside, on the national and international scene, sweeping changes have taken place which have been almost bewildering in their scope and complexity.

You seniors, who are soon to graduate, will, as you pursue your careers as professional engineers, experience many more changes during the course of your lives. You will yourselves, both directly and indirectly, bring about changes which will influence the lives of many people.

But as you go forth from NCE, I urge you not simply to worship change for change’s sake. There are many times when change should occur. There are other times, however, when to change would be a step backward — when to hold steadfast would be the wiser choice. I have in mind such things as dedication to the verities of life: to truth, honesty, morality, brotherhood, to a constant striving to distinguish right from wrong, and to being courageous in doing what is right at all times.

My predecessor, Dr. Allan R. Cullimore, impressed these principles upon the philosophy of our College for all time. It is upon the foundation of these truths that all we have done and will do must be built.

In the years after graduation, may you find happiness, success, a partnership in the advances to be made, the satisfaction that comes from using your talents to the fullest, and the sure knowledge that because of your dedication to all that is true and wholesome in life, the world will be a better place because of your presence in it.”

ROBERT W. VAN HOUTEN
President
Dr. Van Houten watches the construction progress with Dr. Weston and Mr. Harvey Denbe (l.) of the State Board of Education.
WILLIAM HAZELL  
Dean and Vice-President

In the past year, Dean Hazell has been a prominent figure in the construction areas around NCE. Acting as liaison between the College and the contractors, Dean Hazell has been responsible for many of the changes which are in evidence around the campus.

Richard F. Douglas  
Assistant to the President

L. Bryce Anderson  
Associate Dean of Engineering

Alex Bedrosian  
Assistant Dean of Administration

George J. Bache  
Administrative Assistant in Personnel

Financial Office  
Herbert S. Soutar  
Business Manager
Counseling Center
A. Pemberton Johnson
Director

Cafeteria
Margaret E. Weihr
Food Services Supervisor

Bookstore
Edward A. Ackerman
Bookstore Manager

Physical Plant
Russell F. Lewis
Director of Physical Plant
STUDENT ACTIVITIES

SUMNER J. HOUSE
Dean of Men

LILLIAN HEIMKE
Student Activities Secretary

EDWARD J. YAROSZ
Assistant Dean of Men
DEPARTMENT OF CHEMICAL ENGINEERING

Chairman
JOSEPH JOFFEE, Professor
Ph.D., Columbia University

Associate Chairman
GEORGE C. KEEFE, Professor
M.Sc., New York University

L. BRYCE ANDERSEN, Professor
Ph.D., University of Illinois

HERBERT BARNER, Assistant Instructor
M.S., Carnegie Institute of Technology

JAMES A. BRADLEY, Research Professor
A.M., Harvard University

CARL W. CARLSON, Professor
Ph.D., Michigan State College

ROBERT CZECH, Assistant Instructor
B.S., Newark College of Engineering

MELVIN DRUIN, Instructor
B.S., Newark College of Engineering

MICHAEL FREDERICK, Professor
Ph.D., Polytechnic Institute of Brooklyn

DERAN HANESIAN, Assistant Professor
Ph.D., Cornell University

JOEL KAPLAN, Special Lecturer
M.S., Newark College of Engineering

SAUL I. KREPS, Professor
Ph.D., University of Pennsylvania

JOHN E. McCORMICK, Associate Professor
Ph.D., University of Cincinnati

CHARLES L. MANTELL, Professor
Ph.D., Columbia University

JEROME J. SALAMONE, Professor
Sc.D., New York University

WILLIAM H. SNYDER, Assistant Professor
Ph.D., University of Pennsylvania
"They say that one of your tests is equal to two of mine."

"With a line-up like this . . . how can we lose!"

<table>
<thead>
<tr>
<th>No.</th>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.5</td>
<td>O.B.</td>
<td>Y. A. Keeffe</td>
</tr>
<tr>
<td>46</td>
<td>F.B.</td>
<td>Gypsy Boots</td>
</tr>
<tr>
<td>23</td>
<td>E.</td>
<td>Deran</td>
</tr>
<tr>
<td>21</td>
<td>T.</td>
<td>Buddy Hackett</td>
</tr>
<tr>
<td>32</td>
<td>G.</td>
<td>Saul</td>
</tr>
<tr>
<td>28</td>
<td>G.</td>
<td>The Duke</td>
</tr>
<tr>
<td>34</td>
<td>E.</td>
<td>Zackerly</td>
</tr>
<tr>
<td>41</td>
<td>H.B.</td>
<td>Uncle Charlie</td>
</tr>
<tr>
<td>69</td>
<td>C.</td>
<td>Sweet Pants</td>
</tr>
<tr>
<td>26</td>
<td>T.</td>
<td>Black Mike</td>
</tr>
<tr>
<td>.37468</td>
<td>H.B.</td>
<td>The Count</td>
</tr>
</tbody>
</table>
DEPARTMENT OF CIVIL ENGINEERING

Chairman
WILLIAM LA LONDE, JR.
M.S.C.E., University of Michigan

Associate Chairman
JAMES M. ROBINS
S.M. in C.E., M.I.T.

MICHAEL D. DISKO, Professor
M.S.C.E., Newark College of Engineering

JOHN GALANDAK, Instructor
M.S.C.E., Illinois Institute of Technology

FRED H. KULHAWY, Assistant Instructor
B.S.C.E., Newark College of Engineering

FREDERICK M. LAW, Assistant Professor
Ph.D., Rutgers—The State University

F. LEHMAN, Professor
Sc.D., M.I.T.

R. D. MANGASARIAN, Professor
M.C.E., City College of New York

IVAN METZGER, Associate Professor
Eng.Sc.D., New York University

EDWARD MONAHAN, Assistant Professor
M.S.C.E., Newark College of Engineering

ROY H. OLSEN, Assistant Instructor
B.E., Stevens Institute of Technology

TONIS RAAMOT, Associate Professor
Ph.D., University of Illinois
The Civil Engineering Department is planning to transfer its facilities to Campbell Hall at the completion of the new expansion program. The "tower of learning" will be an ideal structure representing the basic engineering study.

A Master of Science in Civil Engineering is now offered predominately in the evening division. With the increase in facilities and faculty soon to come, the Master's program will be expanded to include the possibilities of achieving a degree in a one year day-time curriculum. Also included in the plans of future development are accommodations for a Doctoral program.

It is the philosophy of the Department to expose the undergraduates to the numerous specialties in Civil Engineering through its diversified elective program which covers the many phases of Civil Engineering. Electives are offered in: hydraulics, sanitation, transportation, urban planning, numerical methods, advanced surveying, geology, projects, and construction management.
The Electrical Engineering Department is in the process of expanding its facilities and programs. The new laboratory-academic building will include laboratories in the core areas on all floors, with research laboratories in the basement and a penthouse laboratory for antenna measurements. These areas are scheduled to be available during the spring semester of the 1965-1966 academic year.

The program of technical electives for seniors is being expanded in order to offer students a wider selection of courses. Mathematics electives are being increased from two to five, physics electives from two to three, and electrical engineering electives from five to eleven.

The doctoral program now has twenty-four students seeking the degree of Doctor of Science in Electrical Engineering. The first such degree will be awarded this June.
DEPARTMENT OF INDUSTRIAL AND MANAGEMENT ENGINEERING

Chairman
OLIVER J. SIZELOVE, Professor
M.Ad.Eng., New York University

Assistant Chairmen
ROBERT C. GORDAN, Assistant Professor
M.S., New York University
WILLIAM J. JAFFE, Professor
Engr.Sc.D., New York University
CHARLES BECHT, Special Lecturer
M.S. in Mgmt., Newark College of Engineering
E. DOUGLAS DEAN, Professor
M.S. in Phys.Chem., Liverpool University, England
IRVING R. GOLDSTEIN, Associate Professor
M.S., Stevens Institute of Technology

MICHAEL J. LAVERDA, Associate Professor
M.B.A., Rutgers University
JOHN MIHALASKY, Associate Professor
M.B.A., Rutgers University
PAUL MLADINEO, Instructor
L.L.D., Zareb, Yugoslavia
HERMAN A. NEFF, Assistant Instructor
B.S., Newark College of Engineering
JOSEPH A. RICH, Professor
L.L.B.-M.S., Rutgers University
JAMES L. RIGASSIO, Associate Professor
M.Engr., Yale University
CARL WOLF, Assistant Professor
M.S.I.E., Columbia University
STEVEN M. ZIMMERMAN, Assistant Professor
M.S.I.E., Columbia University
"... and that boys, is the way we will split our pie."

The Day Division Class of 1965 will be the second to complete the program for the Bachelor of Science degree in Industrial Engineering. Changes in the curriculum, introduced in 1960, revised the curriculum of the Engineering Management option in Mechanical Engineering and led to the establishment of the Industrial Engineering curriculum. The department hopes to offer in September of 1966 a Master of Science in Industrial Engineering curriculum leading towards a doctorate.

Current research in the department includes a study of a scientific means of measuring extra-sensory perception under the auspices of the N.C.E. Research Foundation.
The class of 1965 is the first graduating class to feel the full impact of curriculum changes and course revisions that have taken place in the mechanical engineering program during the past few years. Important among the effects is the modernization and up-dating of courses that has ensued, with a resulting better organization and integration of subject matter. Perhaps of greater significance, however, is the liberalization of program that has come about from the introduction of elective courses, not only in technical engineering, but in the humanities and sciences as well. Thus for this year’s graduates it has been possible to make available additional material in mathematics and physics, for example, for those who are science-minded or who are reasonably sure of continuing with advanced graduate study, and at the same time, to offer a different mathematical offering, more directly applicable, for those who are concerned with immediate preparation for industrial pursuits. In like manner, a greatly broadened offering in arts, history, literature, and philosophy has been made available to all.
Chairman
ROBERT E. KIEHL, Professor
Ed.D., Rutgers University

Associate Chairman
JOHN H. METZLER, Associate Professor
M.Ed., Pennsylvania State University

PAUL L. CAMBRELENG, Professor
M.A., Columbia University

THOMAS GILROY, Assistant Professor
M.I.L.R., Cornell University

JOAN ILIVICKY, Instructor
B.A., Brooklyn College

ANTHONY KANG, Instructor
LL.M., Yale Law School

LESLIE KRIEGER, Special Lecturer
M.A., Rutgers University

ANTHONY J. LORD, Associate Professor
M.B.A., New York University

JAMES L. LUBIN, Associate Professor
M.A., Montclair State College

EDWIN L. MALONE, Special Lecturer
Ph.D., Columbia University

WESLEY MINNIS, Special Lecturer
Ph.D., University of Michigan

ROBERT MURRAY, Assistant Instructor
B.S.M.E., Newark College of Engineering

LEONARD NOYES, Special Lecturer
M.S.I.E., Columbia University

MAURICE RUCKER, Assistant Professor
M.A., New York University

HERBERT SPITZ, Assistant Professor
M.A., New School for Social Research
DEPARTMENT OF MATHEMATICS

Chairman
HENRY ZATKIS, Professor
Ph.D., Syracuse University

Associate Chairman
POMPEY MAINARDI, Professor
M.A., Montclair State College

Assistant Chairman
CARL KONOVE, Associate Professor
M.A., Montclair State College

Roman Andrushkiw, Instructor
M.S.E.E., Newark College of Engineering

Herbert Barkan, Professor
M.A., Columbia University

Armand Berliner, Instructor
M.S., Newark College of Engineering

William D. Brower, Assistant Professor
M.A., Columbia University

Philip Caverly, Assistant Instructor
B.S., Stevens Institute of Technology

Paul Flatow, Associate Professor
B.S.E.E., Columbia University

A.E. Foster, Associate Professor
Ph.D., University of Kentucky

Martin Katzen, Instructor
M.S., New York University

Charles Koren, Associate Professor
Ed.D., Columbia University

Norman Levine, Assistant Instructor
B.E.E., The Cooper Union School of Engineering

Murray Lieb, Instructor
M.S., Newark College of Engineering

Michael Lione, Associate Professor
M.S., New York University

Sam Marx, Instructor
M.S.Ch.E., Newark College of Engineering

Donald Newman, Assistant Instructor
B.S., Rensselaer Polytechnic Institute

Jay Rippetoe, Assistant Instructor
B.S.E.E., Newark College of Engineering

Thomas Spencer, Assistant Instructor
B.S.E.E., Newark College of Engineering

Kenneth Tekel, Instructor
M.A., Montclair State College

Roman Voronka, Instructor
M.S., Newark College of Engineering

Harold P. Wsson, Associate Professor
M.A., Montclair State College

Stephen Weiss, Instructor
M.S., New York University

Donald P. Yee, Assistant Instructor
B.A., Rutgers University

Miss Mary Carmody, Secretary
DEPARTMENT OF ENGLISH
AND HUMANISTIC STUDIES

Chairman
DR. SAMUEL K. WORKMAN
Pr.D., Princeton University

Assistant Chairmen
DR. JAMES J. NAPIER
Ph.D., University of Pennsylvania

STANLEY B. WINTERS, Professor
A.M., Columbia University

BEDA A. ANGLE, Special Lecturer
B.F.A., University of Florida

MYRA C. BECKER, Instructor
M.A. Columbia University

JAMES E. CAMP, Assistant Professor
M.A., Columbia University

WARREN H. CRATER, Professor
B.D., Drew University

JOEL EPSTEIN, Instructor
M.A., University of Michigan

HERMAN A. ESTRIN, Professor
Ed.D., Columbia University

FREDERICK B. FERNSLER, Associate Professor
M.A., University of Pennsylvania

CARSON GIBB, Assistant Professor
Ph.D., University of Pennsylvania

HAYDEN B. GOLDBERG, Assistant Professor
M.A., Columbia University

ANNE GOLDEN, Special Lecturer
M.A., Columbia University

WARREN GROVER, Instructor
A.B., New York University

CLARENCE S. JOHNSON, Assistant Professor
M.A., Montclair State

RICHARD P. KARMA, Special Lecturer
M.A., Columbia University

NELSON C. KEABLES, Associate Professor
M.A., New York State College

SVERRE LYNGSTAD, Assistant Professor
Ph.D., New York University

NORMAN A. PLOTKIN, Instructor
Docteur de l'Université de Paris

JAMES F. RICHARDSON, Assistant Professor
Ph.D., New York University

CHARLES ROSE, Special Lecturer
M.A., John Hopkins University

ABRAHAM H. STEINBERG, Associate Professor
Ph.D., New York University

JAMES N. WISE, Assistant Professor
M.A., Columbia University

GEORGE P. ZIRNITE, Assistant Professor
A.M., New York University

ROBERT STRAUSS, Special Lecturer
M.A., Columbia University

ANTHONY C. TOMMASI, Instructor
M.A., University of Illinois

ROBERT L. WACKER, Assistant Professor
M.S., Columbia University
DEPARTMENT OF AEROSPACE STUDIES

Chairman
LT. COLONEL JAMES A. MacKENZIE, Professor
B.A., Long Island University

Associate Chairmen
MAJOR MELVYN J. FENTON, Assistant Professor
B.E.E., Brooklyn Polytechnic Institute

MAJOR ROBERT L. FRUTH, Assistant Professor
B.A., Geneva College

CAPTAIN GORDON I. DAHL, Assistant Professor
B.S.M.E., University of Washington

CAPTAIN HENRY A. PROCTOR, Assistant Professor
B.S.E.E., United States Naval Academy

CAPTAIN THEODORE L. RAFF, Assistant Professor
B.S., University of New Mexico

T/SGT. JOHN J. LEVANS, Instructor
S/SGT. ROBERT WILLIAMS, Instructor
S/SGT. DUANE R. MALTSBERGER, Instructor
S/SGT. ANGELO F. ABARCA, Instructor
KAREN PADULA, Secretary
DEPARTMENT OF PHYSICAL EDUCATION

Director
ROBERT F. SWANSON, Professor
M.Ed., Rutgers University

Associate Director
PAUL C. HAUSSEY, Associate Professor
M.A., Columbia University

J. MALCOLM SIMON, Assistant Professor
M.A. Ed., Columbia University
DEPARTMENT OF CHEMISTRY

Chairman
M. LELYN BRANIN, Professor
Ph.D., University of Michigan

Associate Chairman
JOSEPH M. FITZGERALD, Associate Professor
M.A., Montclair State College

Assistant Chairman
VINCENT N. CAGNATI, Assistant Professor
M.S., Stevens Institute of Technology
FREDERICK W. BAUDER, Professor Emeritus
M.S., Stevens Institute of Technology
JOHN A. BISHOP, Professor
M.S., New York University
PRATAP U. BULSARA, Instructor
M.S., Polytechnic Institute of Brooklyn
KWETI-PING SHEN KWEI, Assistant Professor
Ph.D., Polytechnic Institute of Brooklyn
YASHUANT R. LOONKAR, Instructor
M.Chem.E., University of Oklahoma

KANAKRAY PANDYA, Assistant Professor
M.S., Stevens Institute of Technology
ROBERT G. POETZ, Assistant Professor
M.A., Montclair State College
GERSON L. RAM, Professor
Sc.D., Johns Hopkins University
JAMES W. REILLY, Instructor
M.S., Stevens Institute of Technology
EUGENE C. RZUCIDLO, Assistant Professor
M.S., Stevens Institute of Technology
AVNER SHILMAN, Assistant Professor
Ph.D., Polytechnic Institute of Brooklyn
NEIL I. STEINBERG, Instructor
M.S., Stevens Institute of Technology
LAWRENCE SUCHOW, Assistant Professor
Ph.D., Polytechnic Institute of Brooklyn
WERNER J. WENISCH, Assistant Professor
Ph.D., New York University

DEPARTMENT OF ENGINEERING GRAPHICS

Chairman
FRANCIS J. BURNS, Professor
M.A., Seton Hall University

Associate Chairman
ROBERT G. SALAMON, Associate Professor
M.S., Stevens Institute of Technology
MATTHEW DUJETS, Associate Professor
M.A., Seton Hall University
ROBERT GOLDEN, Assistant Professor
A.M., Seton Hall University
JOHN HANUS, Assistant Professor
M.A., Bradley University
ROBERT KETZNER, Instructor
M.S., Indiana State Teachers College
PATRICK O'HARA, Instructor
B.S., Rutgers University
ROBERT RIGHTS, Assistant Professor
M.A., Montclair State College
STUDENT COUNCIL

President William Barrett
Vice-President John Feeley
Secretary Fred Holub
Treasurer Robert Lutolf
Adviser Dean Yarosz

Student leaders and administration discuss problems at luncheon.
President ...................................................... Thomas Popek
Vice-President .............................................. Richard Kersten
Corres. Sec. ................................................... Laurence French
Record. Sec. .................................................. Michael Kanceljak
Treasurer ...................................................... Joseph Petersack
S. C. Rep. ..................................................... Renry Leimkuhler
Adviser .......................................................... Prof. Konove

Prof. and Mrs. Konove became a familiar sight at our class functions.
CLASS OF 1966 CLASS COUNCIL

President: Phil Trubelhorn
Vice-President: Ray Fillipinni
Corres. Sec.: Robert Polucki
Record. Sec.: Thomas Rawley
Treasurer: Marc Smaldone
S. C. Rep.: James MacDonald
Adviser: Prof. Fitzgerald
CLASS OF 1967 CLASS COUNCIL

President Chris Zeigler
Vice-President Robert Frasco
Corres. Sec. Mary Ann Wiercerzak
Record. Sec. Joanne Marucci
Treasurer Robert Dulee
S. C. Rep. Joel Levine
Adviser Prof. Poetz

Class of 1967 Advisor—
Professor Poetz
President ....................... Skip Marchesani
Vice-President ................. Fred Battle
Record. Sec. ..................... Karen Costa
Corres. Sec. ..................... Judy Hein
Treasurer ....................... Richard DeFabrizio
S. C. Rep. ....................... John Cioffi
Adviser ........................ Dean Yarosz

Dean Yarosz, the perennial Freshman Class Adviser.
ACTIVITIES

... a center for more extensive student activities, ...
Our advisers taught us many practical concepts.

The Interclub Council serves the NCE student by coordinating the activities of all the clubs. Through the ICC the clubs secure funds to finance their activities for the year. The ICC represents the individual clubs on the Student Council and serves as the organization through which a club secures recognition from the school.
Alpha Phi Omega, the National Service Fraternity, was founded December 16, 1925, at Lafayette College, Easton, Pennsylvania. The entire fraternity revolves around three cardinal principles—leadership, friendship, and service. Alpha Phi Omega provides service in four major fields: service to the student body and faculty; service to the members of the fraternity; service to the youth of the community, and service to the nation.

At NCE, APO runs the school lost and found, the used book exchange, and performs many other activities of service. Each year they conduct the Ugly Man on Campus Contest, the proceeds of which are turned over to some worthwhile charity. The Lambda Delta chapter of Alpha Phi Omega is proud to be numbered in the roll of more than 350 chapters at other colleges and universities throughout the country.

President Van Houten congratulates APO on their tenth anniversary.

President  .......... Steve Bistritz  
1st Vice-President .... William Washburn  
2nd Vice-President .... Dick Fox  
Secretary .............. Joseph Pointek  
Treasurer .............. Paul Reed  
Adviser ............... Prof. Brower
President ...................... William Reynolds
Secretary ..................... Gerry Cornwall
Adviser ........................ Mr. Lieb

AUDIO CLUB

President ........................ Richard Redmon
Vice-President .................. Paul Emmerich
Secretary ........................ Jim Laggan
Treasurer ........................ Stuart Heinzinger
Adviser .............................. Dr. Foster
CHESS CLUB

Time out on the black and white battlefield.

Our professors wondered where we were.
But I don't want to make breakfast this morning!

Let's go guys, we can't miss the IR lecture.
DEBATE SOCIETY

President ................................................................. Joseph Di Rienzo
Vice-President ......................................................... Mary Ann Wiercerzak
Secretary ................................................................. Stephen Ohr
Adviser ................................................................. Prof. Johnson

"And therefore we must conclude..."
MOTOR CLUB

President: Joe Terracciano
Vice President: George Blauzer
Secretary: Richard Baker
Treasurer: Norm Swenson

Motor Club enthusiasts with some samples of their work.
NEWMAN CLUB

President ........................................ Hub Seward
Vice President .................................... Ed Zonenberg
Corres. Sec. ....................................... Kathy Martell
Rec. Sec. ........................................... Chuck LaRoca
Treasurer .......................................... John Caldwell
CHRISTIAN FELLOWSHIP

President  Edward Van Alstine
Vice-President  Gene Graher
Sec.-Treas.  John Hajian
Area Rep.  John Fiveland
Adviser  Dr. Lehman

PHOTOGRAPHY CLUB

President  Bob Frasco
Vice-President  Steve Teller
Secretary  Brig Cabe
Treasurer  Marv Cohen
Adviser  Prof. Weller
Creativeness has been the keynote of the Photo Club.

Brig Cabe of the Photo Club adjusts the likeness of an individual he would like to have photographed.

President Marv Cohen
Vice-President Nicholas Ginga
Sec.-Treas. John Capelli
Adviser Prof. Rose

RADIO CLUB
President Kenneth Rivers
Vice-President Robert Horutz
Secretary Marc Smaldone
Treasurer John Capelli
Adviser Prof. Poetz

ROD AND GUN CLUB

Pull!
So what if I can't vote.

YOUNG DEMOCRATS

President .................. Vitali Mostovoj
Vice-President ............... Tom Patton
President Gene Levy
Vice-President Al Reider
Corres. Sec. Phyllis Daggett
Record. Sec. Barbara Jeffers
Chairman Tiffany Bailey
Advisers Mr. Zirnite, Mr. Johnson, Mr. Sehy

STUDENT "Y"

President Walter Scudder, Jr.
Vice-President Robert Scacci
Secretary Eugene Papscoe
Treasurer Ronald Petty
Adviser Mr. McGurn

10 FATHOM CLUB
The Varsity Club was founded in order to promote all athletics at N.C.E. In its promotion of spectator participation the club bestows the Varsity Club Booster Award upon the group of students who have best supported the various teams at our college. The membership is open to all varsity letter winners.
The Athletic Association of NCE functions as the liaison between the Physical Education department and the student body in matters pertaining to the athletic programs. This year, headed by Chris Dowd, the AA was instrumental in obtaining funds from the Student Council for NCE athletics and coordinating these activities.
Standing from left to right are Doug Munson, Dave Robinson, Jerry Rozanski, Al Panice, Bill Novak, Hank Dobbelaar, George Vercelli. Kneeling in the same order are Jack Yardvish, Al Shuster, Dan Carroll, Jack Meyers (Captain), Jack Petrock, Ed Coughlin, Robert Smith, and Conrad Miller.

**BASEBALL TEAM**

From left to right: Dan Carroll, Jack Meyers, John Petrock.
BASKETBALL TEAM

Utilizing Coach Fitzgerald’s defense techniques the Big Red five had a 9-4 regular season record this year. The average 52.3 points yielded per game by the team ranked NCE as the best defensive team in the NAIA.
BOWLING TEAM
FENCING TEAM
JUDO TEAM
SOCCER TEAM
Prof. Ketzner looks on as Captain Bill Vanderhoof demonstrates his stance.
TENNIS TEAM
CHEERLEADERS
HONOR SOCIETIES COUNCIL

Chairman........................ Richard Kersten
Vice-Chairman............... William Diecks
Secretary.................... Kenneth Cooke
Treasurer..................... Thomas Popek
Adviser........................ Prof. Anderson

Members of the Honor Societies correlate the results of the Teacher Evaluation Program.

The Honor Societies Council coordinates the administration of all Newark College of Engineering tutoring programs. The Council sponsors the semi-annual NCE Recognition Dinners at which new honor societies members are presented to the faculty and societies. In the fall of 1964 the guest speaker, Senator Dumont, carried the evening with a lively discussion on legislative reapportionment and constitutional law. HSC officers participate in the college's orientation programs in order to stimulate scholarship as well as recognize it.
Alpha Pi Mu, the National Industrial Engineering Honor Society, was founded at Georgia Tech on January 25, 1949. The society confers just honor upon those men who have demonstrated ability, shown initiative, and possess admirable character in the field of industrial engineering. The society also provides stimulus to those who have interest, sincerity, and ability, to drive them forward to greater achievements in scholarship and leadership.
The Arnold Air Society is a professional honorary service organization of A.F.R.O.T.C. Cadets from 170 of the nation's colleges and universities. The Highlander Squadron at Newark College of Engineering was founded in 1950 and is best known for its sponsorship of the Annual Military Ball.
Chi Epsilon was founded in order to place a mark of distinction upon the student of civil engineering who exemplifies the four traits of a successful engineer, scholarship, character, practicality, and sociability.

At NCE the chapter has participated in the tutoring program, and in the open house activities.
Eta Kappa Nu, the electrical honor society, recognizes an EE student for superior character, leadership, service, and scholarship.

During this year HKN has participated in the honor society’s tutoring program, Industrial Day, the HKN regional convention, and Parents’ Day.

ETA KAPPA NU

President  Richard Garlick  
Vice-President  Pierre Ramond  
Corrs. Sec.  Steven Feldman  
Record. Sec.  Dorothy Epstein  
Bridge Secretary  James Heller  
Adviser  Prof. Anderson
OMEGA CHI EPSILON

President Charles Brain
Vice-President Leonard Drexler
Secretary George Van Dyk
Treasurer Paul Reed
National Rep. John McWilliams
Adviser Dr. Hanesian

Omega Chi Epsilon, the Chemical Engineering Honor Society was founded in 1931 at the University of Illinois to promote high scholarship and original investigation in all branches of Chemical Engineering. During the 1964-1965 school year, the Chapter at Newark College of Engineering engaged in many projects for the Chemical Engineering Department, and had undertaken the task of rewriting the National Constitution of Omega Chi Epsilon.
President: William Diecks
Vice-President: Thomas Popek
Secretary: Prof. Keables
Treasurer: Klaus Steiner
Adviser: Dean Hazell

OMICRON DELTA KAPPA

Omicron Delta Kappa is the National Leadership Honor Society for college men. The Newark Circle was established at NCE on May 6, 1950. Membership is awarded to junior and senior men who exhibit exemplary character, responsible leadership and discriminatory service in campus life, superior scholarship, genuine fellowship, and consecration to democratic ideals. ODK sponsors an annual award to the outstanding sophomore and the individual members contribute to the development of NCE leaders of the future through constant dialogue with underclassmen.
Phi Eta Sigma was founded at the University of Illinois in order to encourage and reward high scholastic attainment among freshman men in institutions of higher learning. The Chapter at Newark College of Engineering administers a tutoring program for freshmen.

President ................. Charles Fiduccia
Vice-President ............. James Pendorf
Treasurer .................. Raymond Fillipinni
Secretary .................. Warren Biss
Historian .................. Jack Diffily
Adviser ..................... Prof. Poetz
Pi Delta Epsilon, the national honorary journalism fraternity, was founded to recognize the undergraduate student who has contributed to collegiate journalism. The members of the chapter at NCE have shown themselves to possess those qualities which mark the code of Pi Delta Epsilon; accuracy, leadership, and freedom of thought in the college press.

President: Klaus Steiner  
Vice-President: Vitali Mostovoj  
Sec.-Treas.: Sebastian Coglitore  
Adviser: Dr. Estrin

PI DELTA EPSILON
Pi Tau Sigma is the National Honorary Mechanical Engineering Fraternity. The Newark Tau Theta Chapter was installed at Newark College of Engineering on May 25, 1951. Members are selected during their junior or senior year on the basis of scholarship, leadership, personality, trustworthiness, industry, dependability, and probable future success in Mechanical Engineering. Newark Tau Theta has, in the past year, provided tutoring in mechanical engineering courses, sponsored a faculty-student departmental smoker, and hosted a series of luncheon meetings between placement officers and senior mechanicals. During their initiation period all members prepare technical papers, thus fostering their professional growth.
Tau Beta Pi is the national Engineering Honor Society. On November 29, 1941 the New Jersey Gamma Chapter was installed at Newark College of Engineering, superseding our local all-engineering honor society, The Trunion. Junior and senior men are extended an invitation on the basis of their distinguished scholarship and exemplary character as indicated by their integrity, breadth of interest both inside and outside of engineering, adaptability, and unselfish activity. Each initiate writes a pledge essay, the thoughts, opinions, and interpretations of which are focused on the serious consideration of the ethical, social, economic, or professional aspects of the subject matter rather than on the mere exposition of technical details. New Jersey Gamma provides tutors for all sophomore and non-technical courses, administers the teacher evaluation program, and donates several non-technical books to the NCE library each year.
WHO'S WHO

Who's Who in American Colleges and Universities recognizes those outstanding student leaders on campus who are selected from the Junior and Senior Class on the basis of scholarship, leadership, campus activities, and service to NCE.
PROFESSIONAL SOCIETIES
PROFESSIONAL SOCIETIES COUNCIL

President   L. French
Vice-President   J. Vaughn
Adviser   Prof. Miller

AMERICAN INSTITUTE OF
ASTRONAUTICS AND AERONAUTICS

President   James Fisher
Vice-President   Michael Wallach
Secretary   Curtis Gardner
Treasurer   Lawrence Giventer
Adviser   Prof. Weller
President ........... Ken Kowalczyk
Vice-President ........ John Bien
Secretary ........... Curtis Cooper
Treasurer ........... Bob Bruno
Adviser ............ Dr. Snyder

President ........... Charles Duggan
Vice-President ....... James Flynn
Secretary ........... John McWilliams
Treasurer ........... Jacob Braslawsky
Adviser ............. Dr. Salamone
AMERICAN SOCIETY OF CIVIL ENGINEERS

AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS

President .......... Larry French
Vice-President ...... Walter Dunn
Secretary .......... John DiBiasi
Treasurer .......... George Weltmer
Social Chairman ... Roger Hummel
Adviser .......... Prof. Mangasarian

President .......... Tom Carroll
Vice-President ...... David Ross
Secretary .......... Steve Budow
Treasurer .......... Ronald Marks
Adviser .......... Prof. Goldstein
American Society of Mechanical Engineers

President   James Vaughan
Vice-President   James Leddy
Secretary   Richard Brusco
Treasurer   Pete Kasuba
Adviser   Prof. Jacobs

Institute of Electrical and Electronics Engineers

Chairman   Carmen Faucera
Vice-Chairman   Matt Farley
Secretary   Herb Meyer
Treasurer   Ronald Poinsett
Adviser   Prof. Clements
President .......... Steve Marshall
Vice President . Alan Mrozinski
Treasurer ............. Barry Ross
Rec. Sec. ............. Ken Schmidt
Corres. Sec. ...... Frank Norulak

President .......... John Aragona
Vice President . John Neyer
Treasurer ............. Keith Benjamin
Secretary .... Harry C. Anthony
Adviser Prof. Monroe R. Weller

SOCIETY OF AUTOMOTIVE ENGINEERS

SOCIETY FOR THE
ADVANCEMENT OF MANAGEMENT
The Publications Council serves as the main coordinating agency for those students who participate in the various publications of our student body. The primary function of the council is to represent the interests of its members to the student council and to seek appropriations of funds for the publications.
Among a people whose foe is the "Meter Maid" and whose fetish is the "G.P.A. Goddess", The Orbit serves as a means of expression. Containing articles of a literary, poetical, or technical nature, it has never failed to inform, to entertain, or to provide controversy.

Staffed by those literary enthusiasts who willingly exchange slide rule for typewriter, The Orbit stands as the epitome of creative expression. Its benefit is enjoyment, its enemy is the English Department, and its creation is Irving Nebish who eventually got the shaft.
When a school-wide straw poll favored Lyndon Johnson for president, *The Vector* was first with the scoop. When the administration of the college defined its 'Cut' Policy, *The Vector* was first with the story. When the Elections Committee announced Paul Francis as President of the Student Council, again *The Vector* was first to release the election results. Always, *The Vector* has been first with thorough and objective coverage of the important headlines and events that have taken place throughout the year.

For its accomplishments in the field of news, features, and photography, *The Vector* has won recognition from the New Jersey Collegiate Press Association year after year. This is a recognition justly deserved by the editors and staff who abandon homework and discretion in order to produce an authoritative and responsible student newspaper.
Editor-in-Chief ........................................ Klaus Steiner
Managing Editor ..................................... Tom Reinhardt
Assistant Editor ...................................... Joe Greca
Business Manager ................................... George Dornbusch
News Editor .......................................... Stephan Ohr
Features Editor ...................................... Paul Francis
Sports Editor ........................................ Ray Kasbarian
Photo Editor .......................................... Emerson Brigham
Fraternity Editor ...................................... Ed Byrne
Copy Editor .......................................... Steve Bistritz
Circulation Manager .................................. Jim Rose
Two days from deadline.
The past four years have witnessed a rapid change in the face of NCE. The staff of the Nucleus 1965 has endeavored to chronicle this change and prepare a permanent record of the metamorphosis.

Editor-in-Chief
JOSEPH DIRIENZO

Nucleus 1965 Staff
COLLEGE LIFE

... as well as a campus oriented social life.
INTERFRATERNITY COUNCIL

President ............................................. Jeff Boughrum
Vice-President ...................................... Ron Marks
Secretary ............................................. John Kirincich
Treasurer ............................................. Val Schrumpf
This year Alpha Phi Delta has been engaged in many diverse activities. The annual Barn Dance held by the Chapter for the other Chapters in this area was a huge success. The annual alumni dinner dance proved to be one of our best social successes in many years.

The athletics of the fraternity this year have not been up to that of previous years but a new pledge class and increased spirit have made future prospects very bright.

The usual Friday night parties are among the best on campus where a good time can be had by all. Improvements on the house are also on the upswing. A new campaign of redecoration has been launched this year with hopes of future comforts and a better appearance.

In all ways the present outlook of this fraternity is bright and the future looks good for the A.P.D. man.

President: Robert Membrino
Vice-President: Larry Valente
Corres. Sec.: Robert Lukowiak
Record. Sec.: Richard Branca
Historian: Thomas Boniface
Chaplain: Robert Micca
House Comm. Chmn.: Edward Siecienski
Adviser: Dr. Capecelatro
Alpha Sigma Mu, founded in 1954, is composed of veterans of the armed forces. The fraternity has as its purpose the improvement of the social and scholastic life of the veterans at the college. It provides a meeting place where men of the same age and same general background can discuss their school work and hash over their service experiences. The attitude toward scholastic achievement is reflected in the consistently outstanding fraternity Grade Point Average.

Through its social activities, included in which are fall and spring picnics, cocktail parties, and the Annual Dinner-Dance, the fraternity tries to improve the social life of the veterans at the college.

The Annual Dinner-Dance attracts alumni from all over the country to renew old friendships, compare notes on employers, and meet the current group of students.

A very active Alumni Association maintains the friendships gained during the college years by continuing their interest in the social activities of the fraternity in addition to holding their own alumni activities.

President Donald Maciag  
Vice-President Charles Bazelmans  
Corres. Sec. John Zawacki  
Record. Sec. Robert Orzechowski  
Treasurer Edward Morgan  
Social Chmn. Dan Liquette  
House Chmn. Joe Beebe  
Adviser Prof. Poetz
Iota Kappa Phi has only been in existence for a few short years, however great strides have been made in its effort to provide a haven for work-worn students. When the fraternity was founded, it was located in a brick-faced storefront on Warren Street. Since that time, the location has been changed twice, the last being relinquished to the Rutgers expansion program. The brotherhood is presently located across the street from St. Michael’s Hospital.

The fraternity has taken an active part in the social and athletic events at NCE. Last year a trophy was won by the bowling team which competed in the IFC bowling league and presently the basketball team poses a threat in the IFC basketball league.

The entire brotherhood has taken an active part in renovating the new house. The living room was completely remodeled, and the two front rooms were made into one big room. Wood-paneling and indirect lighting were added along with a new ceiling to complete the job of making a house the brothers are proud of.

The future looks bright for this fraternity due to the addition of new brothers who are genuinely interested in the fraternity and its principles. Great accomplishments can be looked for in future years because a fraternity with such a driving force and spirit can accomplish any task set before it.

President ............ Jens Efsen
Vice-President ........ Michael Cranin
Secretary ............. Jeffrey Tarantino
Treasurer ............. Michael Lagaey
Historian ............. Martin Ames
Athletic Dir. ........... Ralph Bruzzichisi
Pledge Master ........ Edward Giddas
Faculty Adviser ........ Mr. Shukur
During the past year, Phi Beta Tau, affiliate of Tau Kappa Epsilon, noted perhaps its greatest progress since its formation in 1943. A new and larger house, amplified membership, and gala social events made 1964-'65 a peak year for the fraternity.

A new fraternity house, located at 122 Warren St., provided greater facilities to the brothers of Phi Beta Tau. The summer months afforded the fraternity men an opportunity to repaint and redecorate their new home. With the redecoration of the house, the fraternity was graced with better social accommodations, adequate living-in facilities, and improved study space.

During the winter, Phi Beta Tau initiated the largest pledge class in its history. With its membership more than doubled, the brotherhood again noted its improved scholarship, its greater participation in student activities, and its contributions to community service.

A wide variety of parties and dances highlighted the year for the fraternity. Almost every occasion—Halloween, Christmas, Chinese New Year's—afforded the brothers an opportunity to hold another social event. These activities, plus the musical capabilities of the brothers never failed to provide continuous entertainment.

The achievements of 1964-'65, along with the long-standing ideals of the fraternity, brought Phi Beta Tau closer to its ultimate goal—to be installed as a full chapter of Tau Kappa Epsilon, one of the largest international fraternities.

President Charles Brain Pledge Master James Brandes
Vice-President Richard Bowen Historian Craig Wunderly
Secretary Stan Grzybowski Chaplain Armand Pouliot
Treasurer Robert Brady Doorkeeper Edward Mueller
At this time last year Phi Lambda Sigma was just a dream. Today it is the newest local fraternity on campus. It is located at 130 Warren St. and consists of eighteen brothers and a spring pledge class of five. The reason for the founding of Phi Lambda Sigma was to introduce a new concept in pledging at Newark College of Engineering. It is felt that constructive work for the fraternity is the best form of hazing for the pledges.

In its initial year, Phi Lambda Sigma has participated in the IFC Fund Drive. Recently it was accepted on probation by the IFC. Hopefully in a year it will be able to take a more active part in the IFC activities.

As a local project, the brotherhood took it upon themselves to have a Christmas Party for the neighborhood children. At this affair gifts were distributed and refreshments were served.

Although the activities were limited this year because of a small brotherhood, it is hoped that participation will increase many fold in future years.

President .................. James Lynch  Corres. Sec. .................. Gerry Cornwall
Vice-President ............ Michael Toto  Treasurer .................... Ray Notaro
Record. Sec. .............. Joe Blazewicz  House Chairman .......... Tom Welter
The Pi Kapp's year began with a pleasant summer spent at the chapter's summer house in Baywood, N.J. The opening of the academic season brought with it the I.F.C.'s Most Improved Fraternity Award and the Varsity Club's Booster Award. These awards were presented to the Pi Kapp's on the merit of their outstanding participation in team support and their general excellence as a fraternity.

Pi Kappa Phi enjoyed a highly successful season in I.F.C. athletic competition. The chapter's teams were strong contenders in basketball and bowling and the football team closed the season in a tie for first place.

The rigors of the scholastic year were periodically punctuated by a number of social functions; Parents' Day, The Founders' Day Dinner, The Rose Ball, and The Alumni-Undergraduate Picnic.

1964 saw the fulfillment of the Pi Kapp's long sought after dream. A bigger and better chapter house. On November 2, 1964 the chapter moved into a three story stone building located at 249 High Street. The new facilities include living space for close to twenty brothers, and both recreation and study areas for the entire brotherhood.

Archon Richard Brusco  Historian Robert Kee
Secretary Robert Smith  Chaplain Edward Kiebear
Treasurer Cliff Malerek  Faculty Adviser Prof. Fitzgerald
Warden Al Olsen
Alpha Sigma Mu Chapter of Sigma Pi can again look back on another fine year. Things got off to an early start at the Biannual National Convention of Sigma Pi held in Beloxi, Mississippi. There this chapter received an efficiency award and a scholarship plaque.

In the area of I.F.C. sports, Sigma Pi had a job cut out trying to duplicate the performance of the last two years when the brotherhood captured all the athletic trophies. In football the team had to wait till the baseball season to have a playoff for the championship. The bowling team was leading the league by quite a margin. The basketball and softball teams also have high hopes for a winning season.

The year 1964-65 was also marked by a complete renovation of the chapter house basement. The addition of a pool table was met with great enjoyment by the brothers of this chapter.

As usual the social calendar of Sigma Pi was full and quite pleasurable. This year was highlighted by the annual Orchid Ball, Founders Day Banquet and Spring Dance.

In spite of all the work done by the brothers to improve their house, trying to win sporting events, and having an all around good time, they still had time to contribute to their community. This year the brothers worked on a United Fund drive, a charity car wash, and physical improvements for the Essex County Emergency Children's Shelter. They also had a drive to supplement the N.C.E. Blood Bank which Sigma Pi revitalized a few years ago.

Sage James Bolger
2nd Counselor Craig Rule
3rd Counselor Bob Libbey
4th Counselor Laren Lederbeck
Sgt.-at-Arms Tom Liddy
Assist. Treas. Chris Ziegler
Adviser Prof. Strano
Tau Delta Phi, now boasting an active membership of 55, has concluded another school year of participation in intercollegiate, intramural and intrafraternity sports, college politics, and community service.

This last year, Tau Delt's social calendar was filled with Friday night mixers and regular Saturday evening parties as well as our traditional Parents' Night and Spring Dinner-Dance.

Athletics saw a year of unprecedented attendance, fraternity spirit and skill, putting Tau Delt high among the fraternity rankings.

Still active in college politics, Tau Delt's student leaders boasted the positions of Student Council President and Secretary, Presidents of the Junior and Senior classes, as well as active participation in professional societies, publications, clubs, and other branches of student government.

Community service received a boost when our Chapter was cited for its work at the Cerebral Palsy Rehabilitation Hospital in Belleville and by The Charity Council (for C.P.) of Newark.

Our "new" house, now three years old, is still in a state of transition. With a lot more time and money, the brothers plan to completely renovate the living quarters, now accommodating 18 live-ins.

Scholastically there is always room for improvement, but this year we can praise one brother for a 4.0 average and another for placing second on the National Actuarial Exams.

The many endeavors of the men of Tau Delta Phi have been recognized by the school in being awarded the Best Fraternity on Campus trophy for the last three successive years. This chapter has also received the Best Chapter Award from its National Organization and was recognized for its community service work by the United States Congress.

The enthusiasm of Tau Delts in school and local activities becomes involved with a search for the meaning of fraternalism and its diversion from an internal cause to external effects. Tau Delts are proud of their fraternity and its traditions, and here at N.C.E. we are all working for the betterment of ourselves, our fraternity, our college, and the community.

Consul Stuart Heinzinger
Vice-Consul Bob Lombardo
Corres. Scribe Ron Percely
Record. Scribe Jay Silverstein
Treasurer Fred Holub
Editor Frank Lutz

Historian Joel Levine
Steward Ron Torcivia
Alumni Scribe John Lombardo
Custos Al Cohen
Alumni Adviser Dr. H. A. Estrin
Associate Adviser Dr. A. E. Foster
Tau Epsilon Phi, Tau Psi Chapter is coming to the close of another year of activity. Looking back, the brothers can see a full year of accomplishment and change.

The biggest change in the brotherhood came when the house was moved from a storefront on Warren Street to a house at 281 High Street. Many hours were spent renovating the house for fraternity activity. Along with the hard work, the brothers found a sense of accomplishment in their undertaking, thus drawing the house closer together than it ever was before.

Community service projects remain as one of the outstanding endeavors of this chapter. The orphanage outing, collecting for United Appeals and Unicef, and volunteer work at Newark City Hospital are a few of the undertakings the fraternity has embarked upon.

The brothers of TEP have always participated in intramural, interfraternity, and varsity sports. Football, basketball, softball, and bowling have always seen our brothers doing their best and challenging the other houses for top honors.

Our social calendar was one that could be envied by any house on campus. With the Friday night socials, mixers, and Saturday night parties, TEP has had one of its most successful years.
The year 1964 saw Tau Lambda Chi experiencing a period of further expansion. In January of 1964, the brothers took the first step in accommodating their expanding membership, when they moved from a two-room apartment on Warren Street to a remodeled three-story house on Bleeker Street. The Brotherhood, increased from seventeen original brothers to thirty-nine during the course of the year.

Tau Lambda Chi played a more challenging role in I.F.C. athletics than ever before. 1965 promises to be a successful year in the I.F.C., with a greater number of brothers able to participate in the athletics. Socially, the Friday night parties continued to be a success, as were a number of automobile rallies and other special events in which the brotherhood eagerly participated.

President  Donald Tuite
Vice-President Richard Smith
Secretary Matt Farley
Treasurer John Jascur
Theta Chi, although only in existence for two and a half years has grown to be one of the top fraternities on NCE's campus. The brotherhood has 44 active brothers who occupy a rented three story house on Warren Street. Their spirit and activities make them well known on campus.

The crowning achievement for the school year was the Christmas Mixer given for the benefit of the Mental Health Association. The dance was held in the Coronet Ballroom in Irvington and was a huge success. The proceeds from the dance enabled the brothers of Theta Chi to donate one of the largest sums of money ever donated by an NCE fraternity to charity.

The brothers also devoted time in the collection of funds for the United Appeals. Despite these many civic activities, Theta Chi has still found time to be one of the most active supporters of the I.F.C. The “oxmen” of Theta Chi gave a strong showing in all the I.F.C. sports, and had many of its brothers individually participating in school sports and school activities.

The fraternity’s social events included a masquerade Halloween party, a hayride, beach parties in the summer, and many other types of parties, averaging about one a week.

Despite their heavy social and civic schedule, the men of Theta Chi can boast one of the highest house grade point averages on campus.

The brothers are now in the process of writing a new chapter constitution, and are busy hoping and planning for the day when they will own their own fraternity house.

<table>
<thead>
<tr>
<th>Officer</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Andrew Buckalo</td>
</tr>
<tr>
<td>Vice-President</td>
<td>John DiBiasi</td>
</tr>
<tr>
<td>Secretary</td>
<td>Joe Petersack</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Regis Zelenz</td>
</tr>
<tr>
<td>Assist. Treas.</td>
<td>Peter O'Bisco</td>
</tr>
<tr>
<td>Pledgemaster</td>
<td>Henry Finzel</td>
</tr>
<tr>
<td>Sgt-at-Arms</td>
<td>Henry Voss</td>
</tr>
<tr>
<td>Assist. Sgt-at-Arms</td>
<td>John McCormack</td>
</tr>
<tr>
<td>Chaplain</td>
<td>Robert E. Lee</td>
</tr>
<tr>
<td>Librarian</td>
<td>Henry Leimkuhler</td>
</tr>
<tr>
<td>Historian</td>
<td>Robert Philbin</td>
</tr>
<tr>
<td>Faculty Adviser</td>
<td>Mr. Gordan</td>
</tr>
</tbody>
</table>


The club was replaced this year by the sorority. The sisterhood has applied for a charter from the school and is at present undergoing a one year probationary period. Various fund raising campaigns and a growing account at a downtown bank promise a “sorority apartment” in the near future for the ten sisters.

The active social calendar for the year included the annual Christmas Party which is open to the entire school, the traditional Senior Farewell at Professor Swanson’s summer home and was highlighted by dinner and a play at the Meadowbrook followed by wining and dining.
The Air Force Reserve Officer Training Corps at NCE has an enrollment of approximately 200 cadets. Some of their activities include the Veterans’ Day Parade, the Dining-In, and various field trips.
We've Worked, . . .
We've Relaxed, . . .
We've Played,

...
"You mean I have to pay to eat this?"

We've Laughed, . . .

Now a word from our sponsor.

ATT up 1½ . . . IBM up 2¼ . . .
NCE down 5½ . . .
"Now then, is it quite clear that this is a schematic diagram and that's why there are no spokes on the wheel?"

"Whaddya mean, 'Where's my tie?'"
We all got the shaft.

"Schlurrrppp"

The N.C.E. Gambling Casino
(Put your money in and lose it!)
"Four beers"

For the biggest laugh of all paste your ID card here.
The knowledge fostered in the light of these changes, the blending of the old with new, has prepared the Class of 1965 as they move on to accept the challenges of the world.

GRADUATES
To the member of the class council with the enthusiasm of the freshman and the wisdom of the senior. To the member of the class council who so capably guided and advised us. To the member of the class council who attended every meeting, participated in and supported every class function.

To our adviser, Professor Carl Konove, we, the Class of 1965, extend our sincere thanks and gratitude for the devoted time and guidance which he donated to us so willingly.
Class History

In 1961, we entered N.C.E. as the largest freshman class in its history—a class not only unique in size, but . . . in IDEAS . . . PERSONALITY . . . and a SENSE OF HUMOR.

Under the vigorous leadership of Freshman President, William Diecks and his council, a social calendar was formulated which was to revolutionize student activity.

The Frosh-Soph Dance initiated the most successful social life ever known to these “hallowed halls.”

Spring and the Moonlight Cruise have become traditionally synonymous since its inception by our social committee. Though unsuspected at the time, the boat ride has become schoolwide and is now the biggest social event of the year.
Informality became the note as Thomas Popek was elected to the presidency in our Junior year.

HAYRIDES, DANCES, AND PARTIES . . .

. . . minus our PROFESSIONAL GARB . . . and omnipresent “SLIDE RULE,”

transformed a theme into a reality.

The keynote of our Junior year was the Prom, combining the Broadway musical, “Fanny”, with a dinner and dance.

Continuing to initiate change in our Senior year, we promoted the first Senior Weekend at N.C.E.
GRADUATES
PETER S. ABITANTO
*Electrical Engineering*
Intramural Basketball 1; IEEE 4.

MOSE A. AIMONE
*Civil Engineering*
Intramural Softball 1, 2; ASCE 2, 3, 4.

RONALD N. ALLAN
*Civil Engineering*
Class Council 1, 2, 3, 4; Phi Eta Sigma 2, 3, 4; Chi Epsilon 3, 4; Tau Beta Pi 4; Christian Fellowship 1, 2, 3, 4; ASCE 2, 3, 4.

CHARLES J. ALOISIO
*Electrical Engineering*

STANLEY J. ALSTER
*Electrical Engineering*

LOUIS J. AMOROSI
*Mechanical Engineering*

ERNEST J. ANTMAN
*Industrial Engineering*

JOHN E. ARAGONA
*Mechanical Engineering*
SAE.
ALDO ARENA
Mechanical Engineering
ASME 3, 4.

BIROL O. AQGUN
Mechanical Engineering

TIFFANY B. BAILEY
Electrical Engineering
Class Council 2; Inter Club Council 3, 4; Student YM-YWCA 3, 4; IEEE 4.

NICHOLAS BALDO, JR.
Mechanical Engineering
ASME 4.

GERALD E. BARCZYK
Electrical Engineering

WILLIAM A. BARRETT
Electrical Engineering
Student Council—V.P. 3; Pres. 4; Student Morale Committee 3; Intramural Basketball 1, 2, 3, Volleyball 1, 2, Softball 3; Class Council 1, 2, 3; Phi Eta Sigma 1; Arnold Air Society 2; Newman Club 1, 2; Dance Club 2, 3; Tau Delta Phi 1, 2, 3, 4; IEEE 3, 4; Who's Who 3, 4.

WILLIAM L. BARRETT
Electrical Engineering

ANDREW BARTUSHAK
Civil Engineering
CHARLES L. BAZELMANS
*Electrical Engineering*
Photo Club 1, 2, 3, 4—V.P. 3; Alpha Sigma Mu 3, 4—V.P. 4.

ERICH P. BECKER
*Chemical Engineering*
Intramural Football 3, Softball 3; Class Council 2, 3; Math Club 2; AIAA 2, 3, 4; ACS 3, 4; AIChE 3, 4.

CARL J. BEIERLE
*Mechanical Engineering*
Nucleus ‘65 3; ASME 1, 2, 3, 4.

CAROL A. BELKO
*Mechanical Engineering*
Cheerleader 1; Class Council 1—Sec. 1; Sigma Chi Epsilon 1, 2, 3; ASME 4.

ROBERT A. BELL
*Electrical Engineering*
Intramural Basketball 1; IEEE 4.

ROBERT A. BENEDICT
*Electrical Engineering*
FRANKLIN W. BENNETT
Mechanical Engineering
Pi Tau Sigma 3, 4—Corr. Sec. 3, 4; ASME 2, 3, 4.

ROBERT E. BENNETT
Electrical Engineering
Rod and Gun 1, 2, 3, 4; Rifle 1, 2, 3, 4; IEEE 3, 4; Computing Center Staff 3, 4.

HENRY J. BERGNANN
Electrical Engineering

RONALD W. BERKOWITZ
Chemical Engineering
Baseball Team 2; Intramural Basketball 2, 3, 4; ACS 3, 4; AIChE 3, 4.

RICHARD E. BETTLE
Electrical Engineering
Mars Radio Club 1.
JOHN D. BIEN
Chemical Engineering
Omega Chi Epsilon 3, 4; Tau Beta Pi 4; ACS 3, 4—V.P. 4; AIChE 3, 4; Class Council 3.

STEPHEN J. BISTRITZ, JR.
Electrical Engineering
Intramural Softball 2, 3, Bowling 1, 2; Nucleus '65 4; Vector 4—Copy Editor 4; Inter Club Council 3, 4; Alpha Phi Omega 2, 3, 4—Treas. 2, Sec. 4, Pres. 3; Newman Club 3, 4; Table Tennis Club 1; IEEE 4; JFK Memorial Scholarship Fund Committee 4; Who's Who 4.

EDWARD J. BLAZOVSKY
Chemical Engineering
Omega Chi Epsilon 4; Tau Delta Phi 2, 3, 4; ACS 3, 4; AIChE 3, 4.

STEPHEN J. BLASKOVITZ
Mechanical Engineering

CONRAD J. BOISVERT, JR.
Electrical Engineering
Intramural Basketball 1, 2, 3, 4; Eta Kappa Nu 4; IEEE 4.

JAMES J. BOLGER
Chemical Engineering
Intramural Bowling 1, 2, 3, 4, Basketball 1, 2, 3, 4, Volleyball 1, 2, 3, 4; Class Council 1, 2, 3; IFC 3, 4; Sigma Pi 1, 2, 3, 4—Treas. 3, Pres. 4; AIChE 3, 4.

CHARLES E. BOLLENBACH
Mechanical Engineering
Class Council 3; ASME 2, 3, 4; Society of Automotive Engineers 3, 4.

JAMES V. BONASTIA
Mechanical Engineering
ASME 2, 3, 4.
FELIX J. BONOMO
Mechanical Engineering
Nucleus ’65 3, 4—Ad. Mgr. 4; Class Council 1, 2—Rec. Sec. 2; Ski Club 4; ASME 4.

JEFFREY A. BOUGHRUM
Mechanical Engineering
IFC 3, 4; United Appeals 3, 4; Intramural Volleyball 1, 2, 3, 4; Basketball 1, 2, 3, 4; Class Council 1, 2, 3; Intrafraternity Council 1, 2, 3, 4—Pres. 4; Pi Kappa Phi 1, 2, 3, 4; ASME 3, 4; Who's Who 4.

RICHARD E. BOWEN
Mechanical Engineering
Student Council Representative 2; Nucleus ’65 Circ. Mgr. 4; Class Council 1, 2, 4; Phi Beta Tau 1, 2, 3, 4—V.P. 4; Highland Rifles 1, 2, 4.

ROBERT J. BRADY
Electrical Engineering
Intramural Bowling 2, 3; Class Council 1, 2; Ski Club 2, 3—Sec. 3; Sailing Club 2—Sec. 2; Phi Beta Tau 1, 2, 3, 4—Sec. 3, Treas. 4; IEEE 4.

CHARLES H. BRAIN
Chemical Engineering
Intramural Bowling 2, 3; Softball 2, 3; Nucleus ’65 3, 4—Bus. Mgr. 3, 4; Vector 1, 2, 3; Class Council 1, 2, 3, 4—Corr. Sec. 2; Honor Societies Council 4; Omega Chi Epsilon 3, 4—Pres. 4; Tau Beta Pi 4; Omicron Delta Kappa 4; Young Republican Club 1, 2—Sec. 1, V.P. 2; IFC 1, 2, 3, 4—Sec. Treas. 3; Phi Beta Tau 1, 2, 3, 4—Sec. 2, V.P. 3, Pres. 4; AIChE 3, 4; Professional Conduct Comm. 4; Who’s Who 4.

RICHARD T. BRANCA
Electrical Engineering
Class Council 1, 2, 3, 4; Audio Club 2, 3; Alpha Phi Delta 1, 2, 3, 4; IEEE 3, 4.

SALVATORE BRANCATO
Electrical Engineering
Class Council 1, 2.

JAMES L. BRANDES
Mechanical Engineering
Class Council 1; Arnold Air Society 4; Phi Beta Tau 1, 2, 3, 4—Pledgemaster 4; ASME 4.
ROBERT L. BRUNO  
Chemical Engineering  
Intramural Basketball 1; Honor Societies Council 3; Phi Eta Sigma 1, 2, 3; Omega Chi Epsilon 3, 4; Tau Beta Pi 3, 4; ACS 3, 4; AIChE 3, 4—Treas. 4.

JACOB BRASLAWSKY  
Chemical Engineering  
Intramural Basketball 1, 2, 3; Softball 2, 3; Phi Eta Sigma 1, 2, 3; Omega Chi Epsilon 3, 4; Tau Beta Pi 3, 4; ACS 3, 4; AIChE 3, 4—Treas. 4.

ALAN P. BREEN  
Mechanical Engineering  
ASME 3, 4.

ARNOLD BRIEF  
Chemical Engineering  
ACS 3, 4; AIChE 3, 4.

RAYMOND W. BROWN  
Mechanical Engineering  
Intramural Basketball 1; Chess Club 2, 3; Bridge Club 3; ASME 4.

CHARLES R. BROWSKI  
Electrical Engineering  
Intramural Volleyball 1, 2; Basketball 1, 2; IEEE 4.

DOUGLAS E. BRUCE  
Industrial Engineering  
Intramural Basketball 1, 2; Class Council 2, 3; Newman Club 4; Pi Kappa Phi 2, 3, 4; AIIE 3, 4.

ROBERT L. BRUNO  
Chemical Engineering  
Intramural Basketball 1; Honor Societies Council 3; Phi Eta Sigma 2, 3; Omega Chi Epsilon 4; ACS 3, 4; AIChE 3, 4.
RICHARD D. BRUSCO  
*Mechanical Engineering*  
Class Council 1, 2, 3—Rec. Sec. 2; Pi Kappa Phi 1, 2, 3, 4—Sec. 1, Treas. 2, Archon 3, 4; ASME 2, 3, 4—Sec. 4.

ANDREW F. BUCKALO  
Student Council 1; Intramural Baseball 1, 2, Basketball 1, 2; Class Council 1; Theta Chi 2, 3, 4—Pres. 4; IEEE 4.

STEPHEN A. BUDOW  
*Industrial Engineering*  
Intramural Basketball 1, 2, Softball 1, 2, Baseball 1, 2; Class Council 1, 2, 3; Dance Club 1, 2, 3; IFC 2; Tau Epsilon Phi 1, 2, 3, 4; AIE 2, 3, 4—Sec. 4.

STANLEY J. BUNK  
*Civil Engineering*

DAVID W. BURNETT  
*Mechanical Engineering*

WILLIAM P. CALDWELL  
*Electrical Engineering*

BRUCE CAMPBELL  
*Chemical Engineering*  
ACS 3, 4; AIChE 3, 4.
RAYMOND J. CARPENTER  
Electrical Engineering

DANIEL J. CARROLL, JR.  
Electrical Engineering

varsity baseball 1, 2, 3, 4; intramural basketball 2, 4; class council 2; varsity club 4; IEEE 4.

THOMAS E. CARROLL  
Industrial Engineering

Intramural Basketball 1, 2, 3, Softball 1 2, 3, Volleyball 1, 2, 3; Feedback 3, 4; Table Tennis Club 2; Class Council 2, 3; Pi Kappa Phi 2, 3, 4; Social Chairman 3; AIEE 2, 3, 4—Pres. 3, 4; Professional Societies Council 3.

DAVID R. CARSON  
Electrical Engineering

Student Council 2, 3; Intramural Basketball 2, 3—Mgr. 2, 3; Photo Club 2, 3; IEEE 4; Theta Chi 3, 4.

JOHN F. CASHEN  
Electrical Engineering

Alpha Sigma Mu 3, 4; IEEE 1, 2, 3, 4.

FRANKLIN C. CHRIST  
Mechanical Engineering

ERIC J. CHRISTIANSEN  
Industrial Engineering

Young Republicans' Club 3, 4; AIIE 2, 3, 4.

MARIO M. CIASULLI  
Electrical Engineering

Intramural Softball 1, 2, 3; Volley Ball 1, 2; Class Council 1, 2, 3, 4; Audio Club 1, 2, 3; IEEE 3, 4.
RAYMOND D. CIATTO  
Civil Engineering  
ASCE 4.

PETER J. CICAK  
Mechanical Engineering  
Athletic Association 2, 3; Fencing 2, 3, 4; ASME 3, 4;  
Dance Club 2, 3, 4—Pres. 4; Varsity Club 3; Ski Club  
3, 4—V.P. 3, Pres. 4; Sigma Pi 1, 2, 3, 4.

ROBERT C. CIFELLI  
Industrial Engineering

PAUL L. CIGANEK, JR.  
Electrical Engineering  
IEEE 4.

PETER M. CIGANEK  
Electrical Engineering  
IEEE 4.

THEODORE F. CLANCY, JR.  
Electrical Engineering  
NCE Outing Club 3, 4; IEEE 4.

DAVID T. CLIFTON  
Electrical Engineering

SEBASTIAN F. COGLITORE  
Electrical Engineering  
Intramural Softball 1, 2, 3, 4; Volleyball 3, 4; Basketball 1, 2, 3; Publication Council V.P. 3, 4; Cadet 2;  
Vector 2, 3, 4—Sports Editor 3; Arnold Air Society 2,  
3, 4—Commander 4; Pi Delta Epsilon 3, 4—Sec.-Treas.
ALAN I. COHEN
Mechanical Engineering

WILSON E. COLLERD
Chemical Engineering
ACS 3, 4; AIChE 3, 4.

DOUGLAS R. COOK
Electrical Engineering
Alpha Sigma Mu 3, 4; IEEE 3, 4—Sec.-Treas. 3.

W. P. COOK
Mechanical Engineering

LAWRENCE W. COOK
Mechanical Engineering

KENNETH J. COOKE
Mechanical Engineering
Streamline Asst. Ed. 4; Honor Societies Council—Sec. 4; Phi Eta Sigma 3; Pi Tau Sigma 3, 4—Rec. Sec. 4; Tau Beta Pi 3, 4—V.P. 4; Who's Who 4; ASME 2, 3, 4.

CURTIS R. COOPER
Chemical Engineering
Intramural Softball 1, 2, 3, 4; Class Council 1, 2; ACS 3, 4—Sec. 4; AIChE 3, 4.
EDWARD J. CORCORAN
*Industrial Engineering*

RICHARD J. COULLAHAN
*Industrial Engineering*
Class Council 4; Arnold Air Society 4; AIIE 4.

WILLIAM D. COWIE
*Civil Engineering*

THOMAS D. CRAIG
*Chemical Engineering*

RICHARD A. CRANE
*Mechanical Engineering*
ASME 2, 3, 4.

MICHAEL D. CRONIN
*Civil Engineering*
Judo Club 3; Rod and Gun Club 3; IFC 3; Iota Kappa Phi 2, 3, 4; ASCE 4.

CHARLES R. CRUE
*Electrical Engineering*
ROGER A. CUMMING  
Civil Engineering  
Chi Epsilon 3, 4; Transit Assoc. Ed. 4; ASCE 4.

ERIC D. CUST  
Industrial Engineering

KENNETH J. CYPRA  
Civil Engineering  
Chi Epsilon 3, 4—Marshal 4; Outing Club 3, 4; ASCE 4.

ARTHUR E. DAVIS  
Chemical Engineering  
Intramural Football 3, Softball 2, 3, 4; Tau Lambda  
Chi 2, 3, 4; ACS 3, 4; AIChE 3, 4.

JAY B. DECKER  
Mechanical Engineering

C. FRANK DeMEO  
Mechanical Engineering  
J.V. Basketball 2; Intramural Basketball 1, 3, 4; Softball  
1, 2, 3, 4; Class Council 1; Newman Club 1;  
ASME 2, 3, 4.

FRANCIS A. DERRICK  
Mechanical Engineering  
ASME 4.

ANTHONY P. DeSTEFANO  
Mechanical Engineering  
J.V. Baseball 3; Intramural Basketball 1, 2, 3, Softball  
2; Nucleus '64 3; Nucleus '65 3, 4—Associate Editor 4;  
Arnold Air Society 3, 4—Executive Officer 4; ASME  
2, 3, 4.
JOHN B. DiBIASI  
Civil Engineering  
Basketball 2, 3, 4; Baseball 2, 3, 4; Chi Epsilon 3, 4—V.P. 4; Theta Chi 2, 3, 4—V.P. 4; ASCE 2, 3, 4.

MYRON DIDYK  
Chemical Engineering  
Intramural Basketball 1, Softball 2, 3; ACS 3, 4; AIChE 3, 4.

WILLIAM A. DIECKS  
Chemical Engineering  
Student Union Planning Committee 2; Athletic Control Board Committee 3, 4; Intramural Basketball 2, Softball 2, 3; Class Council 1, 2, 3, 4—Pres. 1, 2; Honor Societies Council 1, 2, 3, 4—Sec. 3, Vice-Chairman 4; Omega Chi Epsilon 3, 4; Phi Eta Sigma 1, 2, 3—Pres. 2; Tau Beta Phi 3, 4—Pres. 4; Omicron Delta Kappa 3, 4—Pres. 4; ACS 4; AIChE 3, 4; Who's Who 3, 4.

MICHAEL A. DILEO  
Electrical Engineering  
IEEE 4.

FRANK F. DiMAGGIO  
Mechanical Engineering  
ASME 3, 4.

MARIO M. DiMASI  
Mechanical Engineering  
Varsity Tennis 2, 3, 4; Class Council 2, 3, 4; Newman Club 3, 4; Varsity Club 3, 4; IFC 4; Pi Kappa Phi 2, 3, 4; ASME 4.

VINCENT J. DiRICCO  
Mechanical Engineering  
Outing Club 3; Tau Lambda Chi 2, 3, 4.

JOSEPH DiRIENZO  
Mechanical Engineering  
Student Council 3, 4; Intramural Basketball 1; Publications Council 4—Pres. 4; Cadet 2, 3; Nucleus '64 2, 3—Associate Editor 2, 3; Nucleus '65 2, 3, 4—Editor-in-Chief 3, 4; Class Council 1, 2, 3, 4—Election Comm. Chairman 2, Executive Comm. 3, 4; Who's Who 4; Pi Delta Epsilon 4; Debate Society 3, 4—Pres. 4; IFC 1, 2, 3; Phi Beta Tau 1, 2, 3, 4; ASME 2, 3, 4; Inter Club Council 4.
ROBERT DIX  
Chemical Engineering  
ACS 3, 4; AIChE 3, 4.

PAUL R. DOBSON  
Civil Engineering  
Intramural Softball 1; ASCE 4.

WILLIAM A. DODENHOFF  
Mechanical Engineering  
Athletic Association 1, 2, 3, 4; Soccer 1, 2, 3, 4; Basketball 1, 2, 3, 4; Ski Club 3, 4; Young Republicans 2, 3; Sigma Pi 2, 3, 4.

EDWIN A. DOKUS  
Electrical Engineering

MICHAEL J. DiDOMENICO  
Mechanical Engineering  
Pi Tau Sigma 3, 4; Tau Beta Pi 4; ASME 1, 2, 3, 4.

GEORGE D. DORNBUSCH  
Industrial Engineering  
Vector 2, 3, 4—Bus. and Ad. Mgr. 4; Pi Delta Epsilon 4; AIE 4.

JOHN DORNIK  
Chemical Engineering  
AIChE 4.
WILLIAM L. DOUMA  
Mechanical Engineering
Intramural Basketball 1, 2, 3, 4; Softball 3, 4; Class Council 3, 4; ASME 4.

CHRISTOPHER J. DOWD  
Chemical Engineering
Athletic Association 2, 3, 4—V.P. 3, Pres. 4; Basketball Mgr. 2, 3, 4; Intramural Basketball 1, 2, 3, 4, Softball 3, 4; Vector 2, 3, 4; Class Council 1, 2, 3; Student Council Rep. 3; Who’s Who 4; Varsity Club 3, 4; Sigma Pi 1, 2, 3, 4—Herald 4; ACS 3, 4; AIChE 3, 4.

ALFRED J. DRABNIS  
Chemical Engineering
Fencing Team 1, 2, 3; Arnold Air Society 2, 3, 4; ACS 3, 4; AIChE 3, 4.

LEONARD H. DREXLER  
Chemical Engineering
Intramural Football 1, 2, 3, Softball 1, 2, 3, Volleyball 1, 2, 3; Class Council 3, 4; Phi Eta Sigma 1, 2, 3, 4; Omega Chi Epsilon 3, 4—V.P. 4; Tau Beta Pi 4; ACS 3, 4; AIChE 3, 4.

JEROME J. DROBINSKI  
Chemical Engineering
Intramural Basketball 1, 2, 3, Softball 1, 2; Class Council 2, 3; Highland Rifles 1, 2, 3, 4; Pi Kappa Phi 2, 3, 4; AIChE 3, 4.

CHARLES P. DUGAN  
Chemical Engineering
Intramural Basketball 1, 2, 3, 4; Softball 1, 2, 3, 4; Omega Chi Epsilon 4; ACS 3, 4; AIChE 3, 4—Pres. 4.

SAVERIO M. CURCIO  
Electrical Engineering
WALTER M. DUNN, JR.
Civil Engineering
Intramural Basketball 1, 2, 4; Chi Epsilon 3, 4; ASCE 2, 3, 4—V.P. 4.

FREDERICK J. EDDY
Mechanical Engineering
ROTC Rifle Team 3; ASME 3, 4.

JENS E. EFSEN
Civil Engineering
Iota Kappa Phi 1, 2, 3, 4—Pres. 4.

ROGER F. ELGRAM
Mechanical Engineering
Athletic Association 4; Fencing 3, 4; Class Council 1, 2, 3, Sigma Pi 1, 2, 3, 4; ASME 3, 4.

DOROTHY E. EPSTEIN
Electrical Engineering
Cheerleading 3, 4—Cheerleading Co-Captain 4; Class Council 2, 3, 4; Eta Kappa Nu 3, 4—Rec. Sec. 4; Inter Club Council 3; Sigma Chi Epsilon 1, 2, 3, 4—Pres. 3; IEEE 4; Who's Who 4.

WILLIAM ENG
Mechanical Engineering
ASME 3, 4.

DAVID EMMER
Mechanical Engineering

JOHN ERDREICH
Electrical Engineering
Who's Who 4; Class Council 3, 4; Student Council 4; Fencing Team 1, 2, 3, 4; Publications Council—Sec. 4; Nucleus '65 4; Interclub Council 3, 4—Sec. 4; Outing Club Equipment Chairman 2, 3, 4; Radio Club 4; Photo Club 2, 3; IEEE 2, 3, 4; Programs Committee (Freshman Orientation) 4; Vector 4.
JOSEPH W. ERTLE
Civil Engineering
Intramural Basketball 1, 2, 3, Softball 1; Chi Epsilon 3, 4; ASCE 2, 3, 4.

STEPHEN L. ESCHBACH
Electrical Engineering
Class Council 2; Audio Club 3; IEEE 4.

JOHN J. FAIELLA
Civil Engineering
ASCE 4.

HARRY G. FALLON
Electrical Engineering

BRIAN T. FARRELL
Industrial Engineering
Intramural Basketball 1, 2; AIIE 2, 3, 4.

CARMEN W. FAUCERA
Electrical Engineering
Yacht Club 3; Dance Club 2; AIAA 1, 2, 3, 4; IEEE 2, 3, 4—Pres. 4.

GEORGE L. FECHTER
Electrical Engineering
Class Council 3.

JOSEPH J. FEELEY
Electrical Engineering
IEEE 3, 4.
ADAM FISCHER
Mechanical Engineering

JACK W. FISCHER
Electrical Engineering
Intramural Basketball 2, 3; Christian Fellowship Club 4.

JAMES W. FISHER
Electrical Engineering
Nucleus '65 2, 3, 4—Photo Editor 3, 4; Class Council 1, 2, 3, 4; Honor Societies Council 4; Arnold Air Society 3, 4; AIAA 1, 2, 3, 4—Sec.-Treas. 3, Chairman 4; IEEE 1, 2, 3, 4.

JOHN E. FLYNN
Mechanical Engineering

JAMES F. FLYNN
Chemical Engineering
Athletic Association 2, 3, 4; J.V. Basketball 2; Varsity Tennis 2, 3, 4—Capt. 4; Intramural Basketball 3, 4; Volleyball 3, 4; Softball 3, 4; Vector 3, 4—Fraternity Editor 3; Class Council 3; Who's Who 4; Varsity Club 2, 3, 4—Pres. 4; Pi Kappa Phi 2, 3, 4—Pledgemaster 3; ACS 3, 4; AIChE 3, 4—V.P. 4; Faculty-Student Comm. on Student Life 4.

ALAN C. FORD
Mechanical Engineering
Intramural Softball 1, 2, 3; Basketball 1; Class Council 1, 2; Young Republicans 1, 2, 3, 4—Chairman 1, 2; Vice-Chairman 3, 4, Delegate 2, 3, 4; Ski Club Chairman 4; ASME 4.

ZENO F. FRANK
Chemical Engineering
ACS 3, 4; AIChE 3, 4.
KENNETH FEINSTEIN  
*Chemical Engineering*  
Intramural Softball 1, Badminton 1; ACS 4; AChE 3, 4.

ALAN J. FEITZINGER  
*Civil Engineering*  
Intramural Bowling 3, 4; Iota Kappa Phi 2, 3, 4; ASCE 3, 4.

GEORGE J. FUELNER  
*Industrial Engineering*  
Class Council 3; Phi Eta Sigma 1, 2, 3, 4; Tau Beta Pi 3, 4; Eta Kappa Nu 3, 4; Ski Club 1, 2—V.P. 2; IFC 1, 2; Tau Epsilon Phi 1, 2, 3, 4—Histor. 2, Vice Chancellor 3, Chancellor 4; IEEE 3, 4.

DONALD F. FENILY  
*Industrial Engineering*  

STEVAN I. FELDMAN  
*Electrical Engineering*  

JOHN F. FILIPKOWSKI  
*Electrical Engineering*  
IEEE 4.

ROBERT F. FINNERTY  
*Electrical Engineering*  
Basketball 1, 2; Intramural Basketball 3, 4, Volleyball 1, 2, 3; IEEE 4.
LAURENCE E. FRENCH
Civil Engineering
Class Council 1, 2, 3, 4—Corr. Sec. 3, 4; Chi Epsilon 3, 4; Intramurals 1, 2; Tau Beta Pi 4; Phi Beta Tau 2, 3, 4; ASCE 3, 4—Pres. 4.

HARRY B. FRIGGLE
Mechanical Engineering
Intramural Bowling 3, 4; Phi Eta Sigma 1, 2, 3; Arnold Air Society 2; ASME 2, 3, 4—Rep. 3, 4.

ROBERT J. FRISHMAN
Mechanical Engineering
Class Council 3; Alpha Sigma Mu 1, 2, 3, 4; ASME 4.

SAMUEL A. FUSCO
Civil Engineering
Tau Beta Pi 4; Chi Epsilon 4; ASCE 3, 4.

JOHN J. GAERTNER
Civil Engineering
Tau Lambda Chi 3, 4.

DANIEL GALANTE
Chemical Engineering
Intramural Softball 2, 3, 4; ACS 3, 4; AIChE 3, 4

ROBERT A. GALDON
Electrical Engineering

RONALD H. GALLFY
Electrical Engineering
IEEE 4.
RICHARD A. GARLICK  
Electrical Engineering  
Nucleus '65 3, 4; Class Council 3, 4; Honor Societies Council 4; Phi Eta Sigma 1, 2, 3—Sec. 3; Eta Kappa Nu 3, 4—Pres. 4; Tau Beta Pi 3, 4.

KENNETH W. GARVEY  
Intramural Basketball 4; Class Council 3, 4; ASCE 4.

ALBERT M. GARSON  
Chemical Engineering  
Athletic Association 3; Omega Chi Epsilon 4; Golf Club 3—V.P. 3; ACS 4; AIChE 4.

DANIEL G. GAYDOS  
Industrial Engineering

FRED GERKIN  
Electrical Engineering  
Intramural Basketball 1, 2, 3, 4; Class Council 1, 2; IEEE 4.

CARMEN J. GERRONE  
Mechanical Engineering

SALVATORE GIARDINA, JR.  
Mechanical Engineering  
Intramural Softball 1; Class Council 1.

LESLIE J. GINSBURG  
Electrical Engineering  
Hockey Team 2, 3, 4—Capt. 4; IEEE 4.
JOEL S. GLASER
Electrical Engineering
Chess Club 4; IEEE 4.

JAMES M. GLAZAR
Mechanical Engineering
ASME 4.

PATRICK A. GLEASON
Civil Engineering
Intramural Bowling 2, 3; Iota Kappa Phi 2, 3, 4; ASCE 4.

GEORGE B. GNADE
Electrical Engineering

THOMAS H. GOLDEN
Mechanical Engineering
ASME 3, 4.

BARRY A. GOLDSMITH
Civil Engineering
Intramural Basketball 1, 2; Class Council 1; Iota Kappa Phi 2, 3, 4—Trea. 3; ASCE 4.

RALPH S. GOLDSTEIN
Mechanical Engineering
STUART B. GOLDSTEIN  
*Industrial Engineering*

STEVEN J. GOLEMBUSKI  
*Civil Engineering*

NICHOLAS GRASSO  
*Mechanical Engineering*  
Judo Team 3, 4; Intramural Basketball 1; ASME 2, 3, 4; Highland Rifles 4.

ROBERT J. GRAVENSTINE  
*Chemical Engineering*  
ACS 2, 3, 4; AIChE 3, 4.

GEORGE E. GREENHALGH  
*Electrical Engineering*

WALTER R. GREGORY  
*Electrical Engineering*

ADOLPH A. GROELLER  
*Chemical Engineering*  
AIChE 3, 4.
JOEL A. GUENTHER  
*Electrical Engineering*  
Intramural Bowling 2, 3, Softball 3; Arnold Air Society 4; Sports Car Club 3; Phi Beta Tau 1, 2, 3, 4; IEEE 4.

PETER A. GUGLIELMI  
*Electrical Engineering*

EDWARD J. GURAK  
*Chemical Engineering*  
J.V. Basketball 1, 2; Intramural Softball 3, 4, Basketball 3, 4, Football 3.

NORMAN R. GRUENBERG  
*Electrical Engineering*

ROBERT M. HAiken  
*Mechanical Engineering*  
ASME 2.

JANOS T. HAJAGOS  
*Electrical Engineering*  
IEEE 3, 4.

F. J. HAJTOVIK  
*Civil Engineering*

JOHN J. HALAK  
*Chemical Engineering*  
Omega Chi Epsilon 4; ACS 3, 4; AIChE 3, 4.
JOHN H. HARMSEN
*Industrial Engineering*

RICHARD HAWKS
*Electrical Engineering*

JOSEPH G. HAYEK
*Electrical Engineering*
Class Council 2, 3; IEEE 4.

KENNETH F. HEIN
*Industrial Engineering*

STUART A. HEINZINGER
*Electrical Engineering*
Student Council 1, 2; Intramural Basketball 1; Audio Club 2, 3, 4—Treas. 4; Skin Diving Club 3, 4; Tau Delta Phi 1, 2, 3, 4—Pres. 3, 4; IEEE 3, 4.

JAMES E. HELLER
*Electrical Engineering*
Tau Beta Pi 3, 4—Rec. Sec. 4; Eta Kappa Nu 3, 4—Sec. 4; Arnold Air Society 2, 3, 4—Administrative Officer 3, 4; IEEE 4.

JOHN HENNE
*Civil Engineering*

PHILIP A. HERMAN
*Electrical Engineering*
Mars Radio Club 1, 2, 3.
CHARLES HERSHKOWITZ  
*Electrical Engineering*

HARRY A. HERWIG  
*Electrical Engineering*
Class Council 1, 2; IEEE 4.

HENRY W. HIRSCH  
*Industrial Engineering*
Varsity Tennis 1; Intramural Bowling 1, 2, 3; Class Council 4; AIIE 4.

RICHARD M. HIRSCHFELD  
*Civil Engineering*
Intramural Basketball 1, 2, 3, 4; Class Council 2.

ROBERT E. HOARLE  
*Electrical Engineering*
Intramural Softball 2, 3, 4, Football 2, 3, Basketball 1, 2, Volleyball 1, 2; Theta Chi 2, 3, 4; IEEE 4.

EDWARD F. HOFFMAN  
*Mechanical Engineering*

JEFFREY L. HOLMQUEST  
*Electrical Engineering*
Motor Club 2, 3; Radio Club 1, 2, 3, 4; IEEE 3, 4.
FRANK M. HOLTZ
*Electrical Engineering*

Intramural Basketball 1, 2, 3; Arnold Air Society 3, 4; IEEE 1, 2, 3, 4.

JOSEPH M. HOROWITZ
*Mechanical Engineering*

Pi Tau Sigma 4; Tau Beta Pi 4; ASME 3, 4.

JOHN P. HORZEP A
*Chemical Engineering*

ACS 3, 4; AIChE 3, 4.

ROBERT W. HOWLEY
*Chemical Engineering*

Intramural Basketball 1, 2, 3, Softball 1, 2, 3; ACS 4; AIChE 3, 4.

PETER HRINKO
*Mechanical Engineering*

Intramural Softball 3, 4; Pi Tau Sigma 4; Rod and Gun Club 3; ASME 3, 4; SAE 3, 4.

WILLIAM J. HRYCAK
*Chemical Engineering*

Pi Kappa Phi 2, 3, 4; AIChE 4.

FRANK W. HUBER
*Civil Engineering*

ASCE 2, 3, 4.
JAMES H. HUDSON  
Mechanical Engineering  
Intramural Softball 1, 2, 3, 4; ASME 3, 4.

ROGER J. HUMMEL  
Civil Engineering  
Class Council 3, 4; Rod and Gun Club 2, 3, 4; ASCE 2, 3, 4—Social Chairman 4.

ARTHUR P. HUNNEMANN, JR.  
Electrical Engineering

GARY H. HUNSINGER  
Mechanical Engineering  
ASME 4.

ROBERT F. HUTCHESON  
Chemical Engineering  
ACS 3, 4; AIChE 3, 4.

JOEL B. JACOBS  
Chemical Engineering  
Intramural Softball 3, 4; AIChE 3, 4.

LENWOOD JACKSON  
Mechanical Engineering
WALTER K. JAKOB
*Industrial Engineering*

EDWARD J. JAKUBOWSKI
*Mechanical Engineering*
Intramural Softball 1, 2; *Nucleus '65* 4; Pi Tau Sigma 4; Tau Lambda Chi 2, 3, 4; ASME 3, 4.

MICHAEL G. JARETSKY
*Mechanical Engineering*
ASME 4.

GERARD E. JEAN
*Chemical Engineering*
Fencing Team 1, 2, 3, 4; ACS 3, 4; AIChE 3, 4.

CLIFFORD JOHNSON
*Electrical Engineering*

MICHAEL B. JOHNSON
*Civil Engineering*
Phi Eta Sigma 1; ASCE 4.

ROBERT J. JOHNSON
*Electrical Engineering*
IEEE 3, 4.

RICHARD W. JOHNSON
*Electrical Engineering*
LLEWELLYN A. JOSEPH
Mechanical Engineering

JAMES J. JULIANO
Chemical Engineering
J.V. Basketball 1; Intramural Softball 1, 2, 3, 4; Class Council 2, 3; Pi Kappa Phi 1, 2, 3, 4—Histor, 3; ACS 4; AIChE 4.

WALTER JUMBLYA
Electrical Engineering

MICHAEL W. KANCELJAK
Mechanical Engineering
Class Council 1, 3, 4—Rec. Sec. 4; Sigma Pi 1, 2, 3, 4; ASME 3, 4.

ANTHONY J. KANYOK
Mechanical Engineering

PAUL A. KASER
Chemical Engineering
Intramural Basketball 1, 2, Softball 1, 2, 3; ACS 4; AIChE 3, 4.

PETER F. KASUBA
Mechanical Engineering
Phi Eta Sigma 1, 2, 3; Pi Tau Sigma 3, 4; Tau Beta Pi 3, 4—Corr. Sec. 4; Class Council 2; ASME 3, 4—Treas. 4.
LEO J. KATALINAS
Industrial Engineering

RICHARD H. KERSTEN
Mechanical Engineering
Student Council 4—Election Committee Chairman 3, 4;
Student Life Committee Co-Chairman 4; Nucleus '65 4;
Vector 2, 3, 4; Class Council 2, 3, 4—V.P. 3, 4; Honor
Societies Council 3, 4—Pres. 4; Pi Tau Sigma 3, 4—
Pres. 4; Tau Beta Pi 3, 4; Omicron Delta Kappa 4;
Who's Who 4; ASME 3, 4; Student Faculty Relations
Committee 4.

STEPHEN E. KESSELMAN
Electrical Engineering

HERBERT B. KESSNER
Electrical Engineering

RICHARD W. KIMBALL
Industrial Engineering

CHARLES N. KIRCHER
Mechanical Engineering
ASME 2, 3, 4.
MICHAEL A. KIRSCH
Chemical Engineering

GERALD D. KLEIN
Mechanical Engineering
Intramural Basketball 1, 2, 3, Softball 1, 2; Class Council 4; Table Tennis Club 2, 3, 4; ASME 4.

CLIFFORD P. KNUDSEN
Electrical Engineering
IEEE 3, 4.

THOMAS R. KOEGEL
Electrical Engineering
Intramural Basketball 2, Softball 2, 3; IEEE 4.

ROBERT A. KOELZER
Electrical Engineering

RONALD S. KOLESSAR
Electrical Engineering
IEEE 4; Intramural Baseball 1, 2.

KALMAN N. KOLIS
Electrical Engineering
ALBERT P. KONOPKA
Mechanical Engineering
Intramural Softball 2, 3, Basketball 1, 2; Class Council 2, 3; ASME 2, 3; ASE 3, 4.

WILLIAM P. KUEBLER
Electrical Engineering

RONALD W. KRENZEL
Electrical Engineering
Intramural Basketball 1; Class Council 1; IEEE 4.

KENNETH J. KOWALCZYK
Chemical Engineering
Omega Chi Epsilon 4; ACS 4—Pres. 4; AIChE 3, 4.

JOHN F. KOVAK
Mechanical Engineering
NCE Motor and Sports Car Club 2, 3; ASME 3, 4; Society of Automotive Engineers 3, 4.

KENNETH J. KOWALCZYK
Chemical Engineering
Omega Chi Epsilon 4; ACS 4—Pres. 4; AIChE 3, 4.

RONALD W. KRENZEL
Electrical Engineering
Intramural Basketball 1; Class Council 1; IEEE 4.

WILLIAM P. KUEBLER
Electrical Engineering
JOYCE M. KUFEL  
*Mechanical Engineering*  
Cheerleader 3; *Vector* 1, 2; Class Council 1; Sigma Chi Epsilon 1, 2, 3, 4; ASME 4.

LEWIS LADOCSI  
*Chemical Engineering*  
Student Council 1; Class Council 3.

JAMES J. LAGGAN  
*Electrical Engineering*

J. PAUL LANDAUER  
*Electrical Engineering*

ROBERT C. LAVIANO  
*Mechanical Engineering*

AUGUST LAVORNIA  
*Mechanical Engineering*  
Pi Tau Sigma 2, 3; ASME 2, 3, 4.

HOWARD R. LEARY  
*Mechanical Engineering*  
Class Council 2, 3, 4; Tau Delta Phi 2, 3, 4; ASME 2, 3, 4; *Steamline* 3, 4, Editor 4; Student Council Programs Committee 2, 3.

ALLAN C. KREUTZER  
*Chemical Engineering*
RICHARD M. LOZITO  
*Mechanical Engineering*

JAMES M. LEDDY  
*Mechanical Engineering*

IFC 1, 2, 3; Alpha Phi Delta 1, 2, 3, 4; ASME 2, 3, 4—V.P. 4.

HARRY C. LEE  
*Electrical Engineering*

Vector 2; Class Council 2, 3; Phi Eta Sigma 1, 2, 3, 4; Radio Club 1, 2; Dance Club 2, 3; Yacht Club 2; IEEE 3, 4.

ROBERT E. LEE  
*Mechanical Engineering*

Intramural Basketball 1, 2, Volleyball 1, 2; Class Council 2, 3; Theta Chi 2, 3, 4; ASME 2, 3, 4.

MARTIN G. LEEGWATER  
*Mechanical Engineering*

ASME 4.

HENRY F. LEIMKUHLER  
*Mechanical Engineering*

Student Council 4; Class Council 1, 2, 3, 4; Newman Club 1, 2; Theta Chi 2, 3; ASME 2, 3, 4.

GARY R. LEMANN  
*Electrical Engineering*

Intramural Softball 1, 2, 3, Basketball 1, 2, 3, Badminton 1, 2, 3, Volleyball 1, 2, 3; Arnold Air Society 4; Mars Radio Club 1, 2, 3; Radio Club 2, 3; IEEE 4.

JOHN LEBEC  
*Electrical Engineering*
JOSEPH A. LEMBO  
*Mechanical Engineering*

JOHN E. LENNOX  
*Chemical Engineering*  
Intramural Softball 2, 3, 4; Cadet 4—Editor 4; Omega Chi Epsilon 4; Arnold Air Society 4—Information Officer 4; ACS 3, 4; AIChE 3, 4.

THOMAS J. LIDDY  
*Electrical Engineering*  
Class Council 1, 2; Sigma Pi 2, 3, 4; IEEE 4.

DANIEL R. LIQUETE  
*Electrical Engineering*  
Judo Team 2, 3; Sailing Club 3; Alpha Sigma Mu 2, 3, 4; IEEE 3, 4.

JULIUS LITUS, JR.  
*Electrical Engineering*  
IEEE 3, 4.

RONALD F. LOEFFLER  
*Mechanical Engineering*  
ASME 3, 4.

AXEL W. LOHNINGER  
*Electrical Engineering*

DONALD A. LOSI  
*Electrical Engineering*
WILLIAM R. LUKASZYK  
*Mechanical Engineering*  
Judo Team 3; Rifle Team 1; ASME 4.

RALPH LUSTIG  
*Mechanical Engineering*

ROBERT E. LUTOLF  
*Electrical Engineering*  
Student Council 3, 4—Treas. 4; Student Center Committee 4; Financial Committee 4; Intramural Softball 3, Tennis 3, Co-Director 3; Handball 4; ICC 3—Pres. 3; Dance Club 3, 4; Sigma Pi 2, 3, 4; IEEE 3, 4.

GEORGE E. LUTZ  
*Electrical Engineering*  
IEEE 4.

JAMES D. LYNCH  
*Chemical Engineering*

ANTON M. MAAS  
*Civil Engineering*  
Sailing Club 2; ASCE 3, 4.

DONALD MACIAG  
*Electrical Engineering*  
Class Council 1; Alpha Sigma Mu 1, 2, 3, 4—Treas. 3, Pres. 4; IEEE 2, 3, 4—Vice Chairman 3.

GERALD W. MACINTOSH  
*Chemical Engineering*  
Intramural Softball 2; ACS 3, 4; AIChE 3, 4.
WILLIAM H. MACPHERSON  
*Electrical Engineering*  
Audio Club 3, 4; Chess Club 3, 4; Republican Club 4; IEEE 4.

MICHAEL W. MAGERA  
*Mechanical Engineering*  
Intramural Softball 1; ASME 4.

CLIFFORD G. MALAREK  
*Chemical Engineering*  
Intramural Basketball 1; Class Representative 3; Pi Kappa Phi 1, 2, 3, 4—Treas. 4; ACS 3, 4; AIChE 3, 4.

WILLIAM C. MALOID, JR.  
*Electrical Engineering*  
Intramural Softball 3, Volleyball 3; Class Council 2, 3, 4; IEEE 4.

JOSEPH P. MANCUSO  
*Chemical Engineering*  
ACS 3, 4; AIChE 3, 4.

RONALD P. MARKS  
*Industrial Engineering*  
Intramural Basketball 1, 2, 3, Golf 3, 4, Director 4; Class Council 1, 2, 3; Golf Club 3, 4; Sailing Club 3, 4; IFC 1, 2, 3, 4; Tau Epsilon Phi 1, 2, 3, 4—V.P. 4; AIIE 2, 3, 4—Sec. 2, 3, 4; SAM 4; Who's Who 4.

MICHAEL P. MARSH  
*Chemical Engineering*  
Intramural Softball 1, 2, 3, 4; Basketball 2, 3, 4; IFC 2; Tau Lambda Chi 1, 2, 3; ACS 4; AIChE 3, 4.
JOHN T. MASON  
*Electrical Engineering*  
Intramural Basketball 1, 2, Softball 1, 3, Bowling 3, 4; Arnold Air Society 4.

ROBERT A. MASON  
*Mechanical Engineering*  
*Streamline* 2; Class Council 2, 3, 4; Pi Kappa Phi 1, 2, 3, 4—Warden 3; ASME 2, 3, 4.

WALDO G. MASTROLY  
*Electrical Engineering*  
Intramural Basketball 1, 2, 3, 4; IEEE 4.

KENNETH J. MATHEIS  
*Electrical Engineering*

MALCOLM E. MAYERCIK  
*Electrical Engineering*  
Intramural Volleyball 2, 3, Basketball 2, 3, Softball 2, 3.

GILBERT W. MAYMON  
*Electrical Engineering*
JOHN J. McCARTHY
Electrical Engineering
Radio Club 1, 2; IEEE 4.

LEO J. McCLOSKEY
Electrical Engineering

WILLIAM A. McCREA
Mechanical Engineering
Varsity Basketball 3, 4; Varsity Soccer 3, 4; Varsity Club 3, 4—Sec. 4; ASME 3, 4.

GEORGE A. McDERMOTT
Electrical Engineering
Intramural Basketball 2, 3, Softball 3; IFC 3, 4; Tau Lambda Chi 2, 3, 4.

KEVIN J. McDERMOTT
Electrical Engineering

RONALD H. McGRATH
Electrical Engineering
Intramural Basketball 1, 2, Bowling 3.

JOHN P. McWILLIAMS
Chemical Engineering
Phi Eta Sigma 1, 2, 3—Histor. 1, 2; Omega Chi Epsilon 3, 4—National Representative 3, 4; ACS 3, 4; AIChE 3, 4—Sec. 3, 4.

KARL G. MEISTER
Electrical Engineering
Eta Kappa Nu 3; Tau Beta Pi 4.
WILLIAM L. MENDELLO  
*Mechanical Engineering*  
Intramural Volleyball 1, 2, Basketball 1, 2, 3, 4, Softball 2, 3, 4; ASME 4.

JOHN P. MEYERS  
*Mechanical Engineering*  
Varsity Baseball 1, 2, 3, 4—Capt. 4; Intramural Basketball 1, 2, 4; Pi Tau Sigma 4—Public Relations Chairman 4; Varsity Club 3, 4; ASME 3, 4.

ROBERT J. MIELNIK  
*Electrical Engineering*  
Phi Eta Sigma 1; Eta Kappa Nu 4; IEEE 4.

ROBERT C. MILLER  
*Chemical Engineering*  

KENNETH G. MOERSCHEL  
*Electrical Engineering*  
Judo Team 3; Phi Eta Sigma 1; Tau Beta Pi 4; Eta Kappa Nu 4; IEEE 4; Young Republicans Club.

CLIFFORD A. MOHWINKLE  
*Electrical Engineering*  

CHARLES A. MONACHELLO  
*Industrial Engineering*  
Intramural Basketball 1; Class Council 1, 2; Alpha Pi Mu 4; Young Republicans 3—Sec. 3; Pi Kappa Phi 2, 3, 4—Corporation Director 4; AIE 3, 4.

ANTHONY D. MONKO  
*Electrical Engineering*  
IEEE 3, 4.
BOWLEY N. MOORE
Electrical Engineering

EDWARD C. MORGAN, JR.
Electrical Engineering
Sailing Club 2, 3, 4; Radio Club 2; Alpha Sigma Mu 1, 2, 3, 4—V.P. 3, Treas. 4; IEEE 2, 3, 4—Treas. 4.

DOUGLAS A. MORLOCK
Electrical Engineering

FRANK H. MOROS
Electrical Engineering
IEEE 4.

JEFFEREY P. MORRIS
Electrical Engineering

WESLEY F. MOSTELLO
Mechanical Engineering

VITALI MOSTOVOJ
Electrical Engineering
Student Council 3, 4; Student Morale Committee 4; Publications Council 2, 3, 4; Cadet—Editor 3, 4; Nucleus '64—Feature Editor 4; Orbit 1, 2, 3—Assoc. Editor 3; Vector 1, 2, 3, 4—Editor-in-Chief 4, News Editor 3; Omicron Kappa 3, 4; Who's Who 3, 4; Pi Delta Epsilon 2, 3, 4—V.P. 4; Young Democrats Club—Pres. 3, 4; Chess Club—Pres. 1, 2; Debating Club 3, 4; Phi Beta Tau 1, 2, 3, 4; NJCPA President.
ROBERT H. MOUNTFORD, JR.
Mechanical Engineering

EDWARD P. MUELLER
Electrical Engineering

RODNEY T. MUELLER
Mechanical Engineering
Intramural Bowling 3, Softball 2, 3; Pi Tau Sigma 4; ASME 2, 3, 4.

HUGH W. MULLER
Civil Engineering
Class Council 3; Intramural Handball 1, 2, 3, Basketball 3, 4; Tau Epsilon Phi 1, 2, 3, 4—Histor. 3, Chaplain 4; ASCE 4.

THOMAS R. MULSHINE
Mechanical Engineering
Athletic Association 1, 2, 3, 4—Publicity Director 2, 4, Sec. 3; Fencing Team 1, 3, 4—Mgr. 1; Judo Team 3, 4; Class Council 1, 4; Sigma Pi 1, 2, 3, 4; ASME 4.

THEODORE P. NELSON
Chemical Engineering
Intramural Football 3, Basketball 2, 3, Baseball 2, 4, ACS 3, 4; AIChE 3, 4.

JOHN J. O'BRIEN
Industrial Engineering
ROBERT F. OELKERS
*Industrial Engineering*

FRED L. ORCUTT, JR.
*Electrical Engineering*
IEEE 4.

PAUL J. OROSZ
*Chemical Engineering*
Bowling Team 1, 2, 3, 4—Capt. 4; AIChE 3, 4.

CHESTER E. ORZECHOWSKI
*Electrical Engineering*
Alpha Sigma Mu 2, 3, 4—Rec. Sec. 3; IEEE 4.

ROBERT ORZECHOWSKI
*Electrical Engineering*
Alpha Sigma Mu 2, 3, 4; IEEE 4.

JAN J. OTTENBREIT
*Electrical Engineering*

MICHAEL J. PADUANO
*Mechanical Engineering*
ASME 4.

ROBERT W. PAGANO
*Industrial Engineering*
ROBERT B. PALASITS  
*Civil Engineering*

DANIEL A. PARVIS  
*Mechanical Engineering*

LAWRENCE M. PASTERICK  
*Mechanical Engineering*  
Phi Eta Sigma 1, 2, 3.

JAMES J. PAVLICA  
*Mechanical Engineering*  
ASME 2, 3, 4.

BARRY S. PEARLMAN  
*Electrical Engineering*  
Radio Club 3, 4; Tau Epsilon Phi 1, 2, 3, 4; IEEE 4.

ROBERT D. PECK  
*Electrical Engineering*

SALVATORE PEPE  
*Industrial Engineering*  
Rifle Team 1, 2, 3; Newman Club 2; AIIE 4.

NORMAN PERCELAY  
*Mechanical Engineering*
ARNOLD M. PESKIN  
*Electrical Engineering*  
Class Council 1, 2; Audio Club 1, 2, 3, 4; IEEE 3, 4.

JOSEPH F. PETERSACK  
*Mechanical Engineering*  
Class Council 2, 3, 4; Class Treas. 4; IFC 3, 4; Theta Chi 2, 3, 4; Librarian 3, Sec. 4; Newsletter Editor 4; Pi Tau Sigma 3, 4; ASME 2, 3, 4; Student-Faculty Comm. on Professional Conduct 4; Who's Who 4.

DAVID C. PETERSON  
*Electrical Engineering*  

HOWARD B. PETERSON  
*Mechanical Engineering*  
Intramural Softball 1, 2, 3, 4, Basketball 1, 4; ASME 2, 3, 4; Council Rep. 3.

EDWARD G. PETRASEK  
*Industrial Engineering*  
AIIE 3, 4; SAM 2.

JOHN N. PETROCK  
*Mechanical Engineering*  
Baseball 2, 3, 4; Basketball 3, 4; ASME 3, 4.

JOSEPH A. PETRUCCELLI  
*Civil Engineering*  
Intramural Basketball 2, 3; ASCE 4.
DENNIS D. PETTI
Civil Engineering
Class Council 2; Chi Epsilon 3, 4; Theta Chi 2, 3, 4; ASCE 4.

ROBERT J. PHILBIN
Electrical Engineering

COLIN B. PIPER
Mechanical Engineering
Student Council 3, 4; ASME 2, 3, 4.

LOUIS D. PISZKER
Electrical Engineering
IEEE 4.

JOSEPH J. POINTEK, JR.
Chemical Engineering
Intramural Softball 1, 2; Bowling 4; Alpha Phi Omega 1, 2, 3, 4—Sec. 4, Treas. 3; Inter Club Council 3, 4; Newman Club 1, 2, 3, 4; ACS 3, 4; AIChE 3, 4.

PAUL W. POLANSKY
Mechanical Engineering
ASME 2, 3, 4.

FRANK A. POLLAK
Chemical Engineering
Intramural Softball 2, 3; Omega Chi Epsilon 3, 4; ACS 3, 4; AIChE 3, 4.
THOMAS J. POPEK  
Chemical Engineering  
Student Council 1, 2, 3, 4; Student Faculty Morale Comm. 3; Student Faculty Relations Comm. 4; Student Alumni Comm. 2; Intramural Basketball, Softball, Volleyball, Football 1, 2, 3, 4; Nucleus '65 3, 4; Class Council 1, 2, 3, 4—Pres. 3, 4; Honor Societies Council 4—Treas. 4; Phi Eta Sigma 1, 2—Treas. 2; Omicron Delta Kappa 3, 4—V.P. 4; Omega Chi Epsilon 3, 4; Who's Who 3, 4; Bridge Club 3; Tau Delta Phi 1, 2, 3, 4; AIChE 3, 4.

GARY W. PONTE  
Mechanical Engineering

DONALD POMPEI  
Mechanical Engineering

ARMAND J. POULIOT  
Chemical Engineering  
Phi Beta Tau 2, 3, 4—Treas. 3, Chaplain 4; Arnold Air Society 4; IFC 3; Yacht Club 2; Intramural Softball 2; AIChE 3, 4; ACS 3, 4.

JAMES G. POULOS  
Mechanical Engineering

EDNA B. PRIZGINT  
Mechanical Engineering  
Nucleus '65 4, Theme Coordinator 4; Class Council 4; Sigma Chi Epsilon 3, 4—Pres. 4; ASME 4; Society of Women Engineers 1, 2, 3, 4.

JOHN E. PRYZBY  
Electrical Engineering  
Eta Kappa Nu 4; IEEE 4.

JOHN E. PULASKI  
Mechanical Engineering  
Class Rep. 2; Pi Tau Sigma 4; Co-Chairman of Tutoring; ASME 3, 4.
ROBERT J. PULCINE  
Mechanical Engineering  
Intramural Softball 2, 3, 4, Basketball 1, 2, 3, 4; ASME 4.

WILLIAM E. RADER, JR.  
Mechanical Engineering  
Class Council 4; ASME 4.

LAWRENCE A. RAIA  
Civil Engineering

DANIEL J. RAMER  
Electrical Engineering  
Inter Club Council 2, 3, 4; Audio Club 1, 2, 3, 4—V.P. 2, Pres. 3; Motor and Sports Car Club 3, 4; IEEE 4.

PIERRE M. RAMOND  
Electrical Engineering

JOHN R. REDMON  
Electrical Engineering

PAUL E. REED  
Chemical Engineering  
Nucleus ’65 4; Vector 2, 3, 4—Cir. Mgr.; Orbit 3, 4—Cir. Mgr.; Class Council 1, 2, 3; Phi Eta Sigma 1, 2, 3, 4; Omega Chi Epsilon 3, 4—Treas. 4; Tau Beta Pi 4; Alpha Phi Omega 2, 3, 4—Histor. 2, Treas. 4; ACS 3, 4; AIChe 3, 4; Who’s Who 4.

JAMES REISER  
Electrical Engineering
CHARLES J. REINHARDT  
*Mechanical Engineering*

DAVID REITSMA  
*Mechanical Engineering*
Class Council 4; Pi Tau Sigma 3, 4; Tau Beta Pi 4; ASME 2, 3, 4.

WILLIAM G. REPShER  
*Electrical Engineering*

JOSEPH M. REVESZ  
*Electrical Engineering*

DOUGLAS W. RICHTER  
*Civil Engineering*
ASCE 2, 3, 4.

JOHN E. RIVERS  
*Mechanical Engineering*
Intramural Softball 2, 3, 4, Basketball 1, 3, 4; ASME 3, 4.

KENNETH A. RIVERS  
*Mechanical Engineering*
Arnold Air Society 4—Comptroller 4; Inter Club Council 2, 3, 4; Rod and Gun Club 1, 2, 3, 4—Treas. 2, Pres. 3, 4; ASME 3, 4.
JERRY T. ROBERTO
Electrical Engineering
Student Council 1, 2; Intramural Basketball 3; Eta Kappa Nu 3, 4; Tau Beta Pi 3, 4.

JOSEPH E. ROGOZEWSKI
Mechanical Engineering

JOSEPH R. ROMANOFF
Electrical Engineering
IEEE 4.

NICHOLAS G. ROSANIA, III
Civil Engineering
Theta Chi 3, 4; ASCE 2, 3, 4.

DANIEL P. ROSS
Civil Engineering
Student Council Rep. 1; Intramural Softball 1, 2, 3, 4; Handball 4; ASCE 3, 4.

DAVID R. ROSS
Industrial Engineering
Student Council 2; AIIE 2, 3, 4—V.P. 4; Photo Club 1, 2, 3, 4; Young Republicans 3, 4.

JOHN F. ROSSI, JR.
Mechanical Engineering
ASME 3, 4.
VINCENT M. ROTONDA  
*Mechanical Engineering*

SOL RUBIN  
*Electrical Engineering*  
IEEE 4.

FRED B. RUDT  
*Chemical Engineering*

CRAIG W. RULE  
*Mechanical Engineering*  
J.V. Tennis 2; Intramural Basketball 2, 3, 4, Handball 4; Class Council 1; Christian Fellowship Club 3, 4; Sigma Pi 1, 2, 3, 4—Chaplain 2, Sec. 3, V.P. 4.

LOUIS J. RUSSO  
*Electrical Engineering*

PERRY J. RUSSO, JR.  
*Mechanical Engineering*  
Intramural Basketball 1, 2, 3; Bowling 2, 3; Class Council 4; ASME 2, 3, 4—Program Chairman 4.

ANTHONY J. RUSTAKO  
*Electrical Engineering*

JOHN S. RUSZALA  
*Electrical Engineering*  
IEEE 4.
JOSEPH T. SACCO  
Civil Engineering  
Intramural Softball 1, 2, 3, 4; ASCE 2, 3, 4.

ANDREW G. SALEM  
Mechanical Engineering

RONALD J. SAUS  
Chemical Engineering  
Judo Team 2, 3; ACS 3, 4; AIChE 3, 4.

ROBERT SCACCI  
Mechanical Engineering  
Pi Tau Sigma 4; 10 Fathom Club 3, 4—V.P. 4; ASME 4.

DOMENICK M. SCALZA  
Industrial Engineering

KENNETH M. SCHLESIER  
Electrical Engineering  
Tau Beta Pi 3, 4; Eta Kappa Nu 4; IEEE 4; Audio Club 1, 2, 3; Glee Club 3, 4.

VALENTINE H. SCHRUMPF  
Industrial Engineering  
Intramural Official 1, 3, 4; Intramural Council 1, 3, 4; Class Council 1, 3, 4; Ski Club 1; Interfraternity Council 2, 3, 4—Treas. 4; Tau Epsilon Phi 2, 3, 4; AIE 2, 4.

HANS H. SCHWARZ  
Mechanical Engineering
GOTTFRIED T. SCHUETZ
Mechanical Engineering

MATTHEW J. SCULLY
Electrical Engineering
Nucleus '65 3, 4; Class Council 3, 4.

RONALD J. SEAMAN
Electrical Engineering
Alpha Sigma Mu 2, 3, 4; IEEE 3, 4.

DONALD P. SEIP
Mechanical Engineering

MICHAEL SEMANCHIK
Chemical Engineering
Intramural Basketball 1, 2, 4; Class Council 3; ACS 3, 4; AIChE 3, 4.

ALEXANDER SENKO
Electrical Engineering

JOHN W. SEYLAZ
Mechanical Engineering
KENNETH D. SGRO
Chemical Engineering
Intramural Basketball 4; Bridge Club 2, 3, 4; Chess Club 1, 2, 3, 4; AIChE 3, 4.

JOSEPH S. SHANDOR
Electrical Engineering

JACK W. SHARP
Electrical Engineering
Outing Club 3.

JOHN B. SHERRY
Industrial Engineering

GEORGE F. SIEBOLD
Mechanical Engineering
Intramural Basketball 3, 4; Christian Fellowship 3, 4; Golf Club 1, 2; ASME 3, 4.

EDWARD A. SIECIEWSKI
Mechanical Engineering
Intramural Basketball 1, 2; IFC Basketball, Softball, Football 1, 2, 3, 4; Alpha Phi Delta 1, 2, 3, 4; House Committee Chairman 2, 3, 4; ASME 2, 3, 4.

BRIAN G. SIECKE
Chemical Engineering
AIChE 3, 4.
EDWARD M. SIERADZKI
Chemical Engineering
Varsity Basketball 2; ACS 3, 4; AIChE 3, 4.

DENNIS M. SIMON
Electrical Engineering
Dance Club 2, 3; Tau Delta Phi 1, 2, 3, 4; IEEE 3, 4.

GEORGE E. SIMONSON
Mechanical Engineering
Athletic Association 3—Pub. Dir. 3; Class Council 1;
Sigma Pi 1, 2, 3, 4; ASME 4.

WILLIAM SKOL
Electrical Engineering

EDWARD H. SMIALOWICZ
Mechanical Engineering
Class Council 4; ASME 4.

MATTHEW G. SMITH
Civil Engineering
Chi Epsilon 4; ASCE 2, 3, 4.

RICHARD E. SMITH
Electrical Engineering
IFC 3, 4; Tau Lambda Chi 1, 2, 3, 4—V.P. 4; IEEE 4.

ROBERT G. SMITH
Mechanical Engineering
Student Council 3; Pi Kappa Phi 1, 2, 3, 4—Histor. 3,
Sec. 4; ASME 3, 4.
RICHARD A. SOELDNER  
*Electrical Engineering*  
Intramural Basketball 1, 2, 3, 4; Softball 1, 3.

FREDERICK W. SOMMER  
*Mechanical Engineering*  
ASME 3, 4.

ALBERT SOLTIS  
*Mechanical Engineering*

PHILIP SPERBER  
*Electrical Engineering*  
Tennis Team 4; Intramural Basketball 3, Softball 1, Tennis 2, 3, 4; Class Council 2, 3; Chess Club 3; Table Tennis Club 2, 3, 4; IEEE 4.

GARY J. SPEIGEL  
*Electrical Engineering*

MICHAEL J. SPILLANE  
*Civil Engineering*  
Intramural Basketball 1, Softball 2; Basketball Mgr. 1; Class Council 2, 3; ASCE 2, 3, 4.

RAYMOND G. SPILSBURY  
*Electrical Engineering*

ANDREW P. SRODIN  
*Civil Engineering*  
Soccer 3, 4—Capt. 4; ASCE 4.
THEODORE E. STAMMER  
Mechanical Engineering

JAMES A. STARRETT  
Mechanical Engineering

HAROLD F. STAUBE  
Electrical Engineering  
Varsity Soccer 2; Class Council 1, 2, 3; Outing Club 1, 2, 3, 4; Sailing Club 1, 2, 3; IEEE 3, 4.

VICTOR STAVINSKY  
Electrical Engineering

JOHN STEFFENSEN  
Chemical Engineering

NORMAN K. STEGMANN  
Civil Engineering  
Intramural Basketball 1, 2, 3, 4; Softball 2, 3; ASCE 4.

CLIFFORD H. STEIN  
Electrical Engineering  
Class Council 1, 2; Audio Club 2; Tau Delta Phi 1, 2, 3, 4; IFC 3; IEEE 3, 4.
KLAUS STEINER
Electrical Engineering
JFK Scholarship Comm. 4; Orbit 2, 3, 4—Editor 3; Vector 3, 4—Editor-in-Chief 4, Managing Editor 3, Features Editor 2; Omicron Delta Kappa 3, 4—Treas. 4; Pi Delta Epsilon 3, 4, V.P. 3, Pres. 3; AIAA 2, 3, 4—V.P. 4; IEEE 3, 4; Who’s Who 3, 4.

RICHARD A. STEVENS
Civil Engineering
Intramural Softball 2, 3, 4—Basketball 2, 3, 4, Volleyball 2, 3, 4; Nucleus ’65 4; Class Council 1, 2, 4; Theta Chi 2, 3, 4; ASCE 4.

DOUGLAS C. STEWART
Civil Engineering

JACOB K. STRUCK
Electrical Engineering
Motor and Sports Car Club 3, 4; Audio Club 3, 4; IEEE 2, 3, 4.

JOHN STUCKA, JR.
Electrical Engineering
Chess Club 3, 4; Radio Club 1, 2, 3, 4; IEEE 3, 4.

JAMES J. SURA
Chemical Engineering
Alpha Phi Delta 3, 4; ACS 3, 4; AIChE 3, 4.

RICHARD SVETZ
Civil Engineering
Intramural Volleyball 1, Bowling 2, 3; Theta Chi 2, 3, 4; ASCE 2, 3, 4—Section Rep. 2.
NORMAN A. SWENSON, JR.
Mechanical Engineering
Pi Tau Sigma 3, 4; Photo Club 2; Motor Club 1, 2, 3, 4—Treas. 4; ASME 3, 4.

ROBERT C. SWENSON
Electrical Engineering

FRANK J. SZIPSKY
Mechanical Engineering

ROBERT SZCZERBAK
Electrical Engineering

BERNARD M. SZYMANSKI
Electrical Engineering

LAWRENCE S. TACCONE
Mechanical Engineering
Intramural Basketball 1, 2; Interfraternity Council 2; Alpha Phi Delta 1, 2, 3, 4; ASME 4.

CORNELIUS TAMBOER
Mechanical Engineering

RICHARD D. TAYLOR
Mechanical Engineering
Pi Tau Sigma 4; Golf Club 3; ASME 3, 4.
CARMEN S. TERRANOVA  
*Mechanical Engineering*  
Student Council 2, 3; Intramural Basketball 1, Softball 1, 2; Class Council 1, 2; Pi Tau Sigma 3, 4; Tau Beta Pi 4; ASME 2, 3, 4.

ANTON TEVALD  
*Mechanical Engineering*

CHARLES O. THELEN  
*Mechanical Engineering*

HAROLD E. THOMAN  
*Mechanical Engineering*  
Intramural Basketball 1, 2, 3, 4, Softball 1, 2, 3, 4; ASME 3, 4.

WALTER F. THOMANN  
*Civil Engineering*

HARRY W. THOMAS  
*Civil Engineering*  
ASCE 4.

MAYNARD THUM  
*Civil Engineering*

JOSEPH TILLI, JR.  
*Electrical Engineering*  
IEEE 4.
EDWARD W. TOLISCHUS
Mechanical Engineering

RONALD J. TORCIVIA
Electrical Engineering
Class Council 1, 2; Radio Club 2; Audio Club 3; Tau Delta Phi 2, 3, 4; IEEE 3, 4.

WALTER C. TOLLEY
Electrical Engineering
IEEE 4.

AKE S. TORSTENSON
Mechanical Engineering
ASME 3, 4.

JOSEPH M. TORIS
Chemical Engineering
Intramural Basketball 1, 2, Softball 1, 2, 3, 4; Nucleus '65 2, 3, 4—Senior Editor 4; Reactions 4; Vector 4; Class Council 4; ACS 3, 4; AIChE 3, 4.

RICHARD E. TKAC
Chemical Engineering
AIChE 4.
GEORGE J. TRYTYAK
Electrical Engineering
Class Council 1; Audio Club 3, 4.

THOMAS M. TUFARIELLO
Chemical Engineering
ACS 3, 4; AIChE 3, 4.

DONALD F. TUITÉ
Electrical Engineering
Class Council 2; IFC 3, 4; Tau Lambda Chi 2, 3, 4—Pres. 4.

VICTOR S. VAJO
Electrical Engineering
Class Council 3; Rod and Gun Club 2, 3, 4; Sigma Pi 2, 3, 4; IEEE 4.

EDWARD F. VAN ALSTINE
Electrical Engineering
Christian Fellowship Club 1, 2, 3, 4—V.P. 2, Pres. 3, 4; IEEE 4.

WILLIAM VANDERHOOF
Civil Engineering
Rifle Club 1, 2, 3, 4—Mgr. 3, Capt. 4.

GEORGE D. VAN DYK, JR.
Chemical Engineering
Intramural Tennis 3, 4—Dir. 3; Class Council 3; Phi Eta Sigma 1, 2, 3, 4; Omega Chi Epsilon 3, 4—Sec. 4; Young Republicans Club 3, 4—Pres. 4; Sigma Pi 1, 2, 3, 4; ACS 3, 4; AIChE 3, 4.
DONALD P. VARGO
Electrical Engineering
Tau Lambda Chi 2, 3, 4—V.P. 2, 3.

JAMES E. VAUGHAN
Mechanical Engineering
Intramural Softball 1; Nucleus '65 4; Orbit 3; Streamline 4; Class Council 2, 3, 4; Tau Beta Pi 3, 4; Pi Tau Sigma 3, 4—V.P. 4; Phi Eta Sigma 1, 2, 3, 4; Skiing Club 4; ASME 2, 3, 4—Pres. 4.

ROBERT M. VENTURA
Electrical Engineering

ALAN R. VERDUIN
Mechanical Engineering
ASME 3, 4.

ERNEST M. VETUSCHI
Electrical Engineering

JOSEPH VIZZONI
Electrical Engineering
Soccer Team 1, 2, 3, 4—Co-Capt. 4; IEEE 4.

EDWARD J. VOELLINGER
Electrical Engineering

THOMAS F. VONOHLEN
Mechanical Engineering
ASME 4.
HENRY M. VOSS  
*Electrical Engineering*  
Intramural Bowling 3, 4, Softball 3, Volleyball 2; Theta Chi 2, 3, 4, Second Guard 3, First Guard 4; IEEE 4.

JAMES T. WALDRON  
*Chemical Engineering*  
Omega Chi Epsilon 4; ACS 3, 4; AIChE 3, 4.

RICHARD L. WALTON  
*Mechanical Engineering*  
ASME 3, 4.

JOHN D. WARDLOW  
*Mechanical Engineering*  
Intramural Softball 2, 3, 4; ASME 4.

WILLIAM F. WASHBURN  
*Electrical Engineering*  
Alpha Phi Omega 1, 2, 3, 4—V.P. 3; Newman Club 1, 2, 3, 4—Sec. 3; IEEE 3, 4; IAESTE 4.

JOHN R. WASKO  
*Mechanical Engineering*  
ASME 4

GEORGE C. WELTMER  
*Civil Engineering*  
Fencing Team 2, Team Mgr. 2; Intramural Basketball 2, Volleyball 2, Badminton 1; Vector 2; ASCE 3, 4; Class Representative 3—Treas. 4.

ROBERT P. WERNER  
*Electrical Engineering*  
IEEE 4.
THOMAS A. WESTPHAL  
Industrial Engineering  
Alpha Pi Mu 3, 4—Treas. 4; Audio Club 1, 2, 3, 4—Treas. 3; Theta Chi 2, 3, 4; AIIE 2, 3, 4.

CHARLES E. WIERZBICKI  
Electrical Engineering  
IEEE 4.

JOHN E. WILHELM  
Mechanical Engineering

ARTHUR M. WILSON  
Electrical Engineering  
Motor and Sports Car Club 2.

HARRY A. WINARSKI  
Electrical Engineering

MICHAEL P. WITT  
Chemical Engineering

PETER H. WORDEN  
Industrial Engineering
THEODORE WORANKA  
*Industrial Engineering*

JOSEPH J. WROBLEWSKI  
*Electrical Engineering*  
Intramural Basketball 1, 2, 3, Softball 1, 2, 3, Badminton 3, Volleyball 3; Class Council 1, 2, 3, 4; Arnold Air Society 3, 4.

FLAVIO YANNUZZELLI  
*Mechanical Engineering*

ARTHUR J. YERMAN  
*Mechanical Engineering*

JOSEPH ZARNICK  
*Electrical Engineering*

JOHN L. YODER  
*Civil Engineering*  
Chi Epsilon 3, 4; ASCE 3, 4.

LEROY ZEGGER  
*Electrical Engineering*
ROBERT S. ZREBIEC  
*Electrical Engineering*

Class Council 2, 3; Phi Eta Sigma 1, 2, 3, 4; Tau Beta Pi 4; Eta Kappa Nu 4; IEEE 3, 4.

J OSEPH R. ZUERBLIS  
*Electrical Engineering*

VICTOR J. ZYCH  
*Chemical Engineering*

Phi Eta Sigma 1; AIChE 4.

THOSE NOT PHOTOGRAPHED

ANTHONY V. BADIKIAN  
*Electrical Engineering*

IEEE 4.

CHARLES J. CORLEY  
*Industrial Engineering*

T tau Lambda Chi 2, 3, 4; AIIE 3.

ALFRED C. EB E R H A R D  
*Chemical Engineering*

AIChE 3, 4.

GEORGE FEN  
*Electrical Engineering*

S ANFORD J. FO X  
*Industrial Engineering*

Class Council 4; AIIE 3, 4.

ANTHONY D. GASS  
*Civil Engineering*

Chi Epsilon 4; Tau Beta Pi 3, 4; ASCE 4.

HECTOR M. GAVILLA  
*Electrical Engineering*

MANUEL GOODING  
*Electrical Engineering*

IEEE 4.

ALBERT HARRAKA  
*Electrical Engineering*

Newman Club 1; Pi Kappa Phi 1, 2, 3, 4; Interfraternity Council 1, 2.

CAROLYN J. HULL  
*Electrical Engineering*

ACS 1, 2, 3, 4; IEEE 1, 2, 3, 4.

KEN H. LOUIE  
*Electrical Engineering*

IEEE 4.

JEROME S. MARGER  
*Chemical Engineering*

Intramural Softball 1, 2, 3, 4; Basketball 1, 2, 3, 4; Baseball 1, 2, 3; Vector 2, 3; IFC 2, 3; Tau Delta Phi 1, 2, 3, 4; Custos 2; AIChE 3, 4.

WALTER G. MARPLE, JR.  
*Electrical Engineering*

P ETER R. O'BISO  
*Civil Engineering*

Rod & Gun Club 2; Theta Chi 2, 3, 4; ASCE 3; Representative 3.

ANDREW M. RASTOCKY  
*Civil Engineering*

Student Council 1.

HUBBARD A. SEWARD  
*Electrical Engineering*

Outing Club 1, 2, 3, 4, Pres. 1, 2, 3, 4.

GERARD L. SMITH  
*Chemical Engineering*

Intramural Basketball 1, 2; Bowling 1; Newman Club 1, 2; AIChE 3, 4.

DIRAN VARZHABEDIAN  
*Electrical Engineering*

MEYER WEITZEL  
*Electrical Engineering*
Keep in Touch!

The next ten years are going to be big years for NCE—big in growth, big in accomplishment, big in the number of opportunities available for keeping in touch with each other. So come back often and grow along with us. In the meantime—the best of luck and all success as you start out on your new career!

NEWARK COLLEGE OF ENGINEERING
WELCOME TO NIRVANA

from the

8900 who preceded you, the

NCE ALUMNI ASSOCIATION

Congratulations to the Class of 1965
THE STUDENT COUNCIL
OF
NEWARK COLLEGE OF ENGINEERING

regrets the loss of a fine group of students

WILLIAM BARRETT  President
JOHN FEELEY  Vice-President
ROBERT LUTOLF  Treasurer
FRED HOLUB  Secretary
Congratulations,

Success

in All Future

Endeavors

Professional Societies Council

President .................................. LAURENCE FRENCH (A.S.C.E.)
Vice-President ............................. JAMES VAUGHAN (A.S.M.E.)
Secretary-Treasurer ...................... CARMEN FAUCERA (I.E.E.E.)

CHARLES DUGAN (A.I.Ch.E)  KEN KOWALCZYK (A.C.S.)
THOMAS CARROLL (A.I.I.E)  JAMES FISHER (A.I.A.A.)
Our purpose is . . . to recognize and to encourage scholarship . . .

HONOR SOCIETIES COUNCIL

President .................................................. RICHARD H. KERSTEN
Vice-President ............................................. WILLIAM A. DIECKS
*Secretary .................................................. KENNETH J. COOKE
Treasurer .................................................... THOMAS J. POPEK
Advisor ...................................................... PROFESSOR ROBERT E. ANDERSON

<table>
<thead>
<tr>
<th>TAU BETA PI</th>
<th>PI TAU SIGMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Engineering Honor Society</td>
<td>National Honorary Mechanical Engineering Fraternity</td>
</tr>
<tr>
<td>William Diecks President</td>
<td>Richard Kersten President</td>
</tr>
<tr>
<td>Kenneth Cooke Vice-President</td>
<td>James Vaughan Vice-President</td>
</tr>
<tr>
<td>Peter Kasuba Corresponding Secretary</td>
<td>Franklin Bennett Corresponding Secretary</td>
</tr>
<tr>
<td>James Heller Recording Secretary</td>
<td>Kenneth Cooke Recording Secretary</td>
</tr>
<tr>
<td>Dean William Hazell Treasurer</td>
<td>Joseph Petersack Treasurer</td>
</tr>
<tr>
<td>Andrew Buckalo Cataloger</td>
<td>Prof. Edward Miller Advisor</td>
</tr>
<tr>
<td>Dr. A. Pemberton Johnson Adviser</td>
<td></td>
</tr>
<tr>
<td>Prof. Eivind G. F. Ramberg Adviser</td>
<td></td>
</tr>
<tr>
<td>Dr. Eugene H. Smithberg Adviser</td>
<td></td>
</tr>
<tr>
<td>Prof. Joseph J. Strano Adviser</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OMICRON DELTA KAPPA</th>
<th>PHI ETA SIGMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>The National Leadership Honor Society</td>
<td>Freshman Honor Society</td>
</tr>
<tr>
<td>William Diecks President</td>
<td>Charles Fiduccia President</td>
</tr>
<tr>
<td>Thomas Popek Vice-President</td>
<td>James Pendorf Vice-President</td>
</tr>
<tr>
<td>Prof. Nelson C. Keables Secretary</td>
<td>Ray Fillipinni Treasurer</td>
</tr>
<tr>
<td>Klaus Steiner Treasurer</td>
<td>Warren Bliss Secretary</td>
</tr>
<tr>
<td>Dean William Hazell Advisor</td>
<td>John Diffily Historian</td>
</tr>
<tr>
<td></td>
<td>Prof. Robert E. Poetz Advisor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI DELTA EPSILON</th>
<th>ARNOLD AIR SOCIETY</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Honorary Journalism Fraternity</td>
<td>Reserve Officer Training Corp Recognition Society</td>
</tr>
<tr>
<td>Klaus Steiner President</td>
<td>Sebastian Coglitore Commander</td>
</tr>
<tr>
<td>Vitali Mostovoj Vice-President</td>
<td>Tony DeStefano Executive Officer</td>
</tr>
<tr>
<td>Sebastian Coglitore Secretary-Treasurer</td>
<td>William Fyfe Operations Officer</td>
</tr>
<tr>
<td>Dr. Herman Estrin Adviser</td>
<td>Kenneth Rivers Comptroller</td>
</tr>
<tr>
<td></td>
<td>John Lennox Information Officer</td>
</tr>
<tr>
<td></td>
<td>Matthew Husson Administrative Officer</td>
</tr>
<tr>
<td></td>
<td>Lt. Col. MacKenzie Adviser</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OMEGA CHI EPSILON</th>
<th>ALPHA PI MU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honorary Chemical Engineering Society</td>
<td>Honorary Industrial Engineering Society</td>
</tr>
<tr>
<td>Charles Brain President</td>
<td>Regis Zelenz President</td>
</tr>
<tr>
<td>Leo Drexler Vice-President</td>
<td>Ted Woronka Secretary</td>
</tr>
<tr>
<td>George Van Dyk Secretary</td>
<td>Thomas Westphal Treasurer</td>
</tr>
<tr>
<td>Paul Reed Treasurer</td>
<td>Dr. William J. Jaffe Adviser</td>
</tr>
<tr>
<td>John McWilliams National Rep.</td>
<td>Prof. James L. Rigassio Adviser</td>
</tr>
<tr>
<td>Dr. Joseph Joffe Advisor</td>
<td>Prof. Oliver J. Sizelove Adviser</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ETA KAPPA NU</th>
<th>CHI EPSILON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honorary Electrical Engineering Society</td>
<td>Honorary Civil Engineering Society</td>
</tr>
<tr>
<td>Richard Garlick President</td>
<td>John Kenne President</td>
</tr>
<tr>
<td>Pierre Ramon Vice-President</td>
<td>John DiBiasi Vice-President</td>
</tr>
<tr>
<td>Steve Feldman Corresponding Secretary</td>
<td>Ronald Kiene Secretary</td>
</tr>
<tr>
<td>Dorothy Epstein Recording Secretary</td>
<td>Stanley Bunk, Jr. Treasurer</td>
</tr>
<tr>
<td>Prof. Robert E. Anderson Treasurer</td>
<td>Kenneth Cypra Marshall</td>
</tr>
<tr>
<td>James Heller Bridge Secretary</td>
<td>Prof. James M. Robbins Adviser</td>
</tr>
<tr>
<td>Prof. Robert E. Anderson Adviser</td>
<td></td>
</tr>
</tbody>
</table>

210
Congratulations
to the Class of 1965
from

JOSTEN'S
Manufacturers of
YOUR OFFICIAL CLASS RINGS

HENRY A. STEIN
P.O. BOX 38
Maplewood, N. J.
RE 1-4802
Sales Representative
Congratulations...

The work you've done has been rewarding and the honor of graduation is now yours. May your efforts always be successful as you seek more education or enter the occupation of your choice.

Automatic Switch Co. FLORHAM PARK, NEW JERSEY

Located in an attractive setting in Florham Park, Automatic Switch Company is one of the nation's leading designers and manufacturers of Solenoid Valves and Electromagnetic • Electronic Control. The Company employs a high percentage of professional and technical personnel as well as skilled machinists, electricians, other craftsmen, and clerical help.
Best Wishes for
Success and Happiness

Irwin Raveson
PHOTOGRAPHY

YOUR YEARBOOK PHOTOGRAPHER

PASSAIC WAYNE
Best Wishes for Success
Compliments of

THE

CLASS OF 1966

★

Compliments of

THE

CLASS OF 1967

★
Compliments of the

CLASS OF 1968

* * *

Jos. M. Byrne Co.
Serving the public since 1886

An experienced organization providing professional Insurance service through highly qualified specialists.

A Complete Travel Service

Newark: 828 Broad Street
Market 3-1740

Jersey City: 15 Exchange Place
Henderson 4-4748
WHEN YOU THINK OF PLASTICS, THINK OF . . .

Wilpet Tool & Manufacturing Co.

244 DUKE STREET • KEARNY, N. J.

Creative Injection Molded Plastic Packaging
Custom Injection Molding of All Plastics
Complete Moldmaking Facilities

William L. Niclaus, Pres.
N. C. E. '42

Phone: MA 3-1790—1

H. A. GREENE CO.

SPORTING GOODS

Finest Quality Athletic Equipment
at Very Reasonable Prices

—Outfitters: N.C.E. Athletic Teams—

28 HALSEY ST. (near Central Ave.)

NEWARK 2, N. J.
GIBBS & COX, INC.

NAVAL ARCHITECTS
and
MARINE ENGINEERS

An Equal Opportunity Employer

GRABER-ROGG, INC.

750 COLFAX AVE.
KENILWORTH, N. J.

Engineering — Tooling
Injection Molding

CHAS. E. MAIER, INC.

In Our 70th Year

SIGNS — PLAQUES — ENGRAVINGS
BLACKBOARDS — DISPLAYS

123 VAN BUREN ST.
NEWARK 5, N. J.

YOUR TEAM

Scientific Glass Apparatus Co. Inc.
BLOOMFIELD, NEW JERSEY

Laboratory apparatus • instruments • chemicals • glassware
PORTER, ARMSTRONG & ASSOCIATES
O. J. PORTER & COMPANY
Consulting Engineers
Airports — Highways — Expressways — Buildings — Bridges
Dams — Harbors — Foundations — Marshland Stabilization
Pavements — Water Supply — Sewerage — Irrigation
Flood Control — Drainage
REPORTS, DESIGNS, SUPERVISION OF CONSTRUCTION
415 FRELINGHUYSEN AVENUE, NEWARK 14, NEW JERSEY
1421 47th AVENUE, SACRAMENTO 22, CALIFORNIA
2175 EAST 2nd STREET, RENO, NEVADA

MARKET 2-5522
MARKET 2-6928

NEWARK PARQUET FLOORING CO.
INCORPORATED
LINOLEUM-CARPET
Distributors of Tile-Tex Floors
Nairn Floors
10 BOSTON STREET NEWARK 3, N. J.

BRAUN & CHAMBERLIN, INC.
PAINTING CONTRACTORS
Est. 1888
Over 75 Years
26 GLENWOOD AVENUE ORANGE, N. J.
674-2000-3000

CONGRATULATIONS
FROM
THE INTERFRATERNITY COUNCIL

SAVE TODAY — HAVE TOMORROW

The
Howard Savings
Institution
Main Office: 768 BROAD STREET
NEWARK, N. J. 07101
Offices in Newark, South Orange and
North Caldwell
Insured by the Federal Deposit Insurance Corp.

COMPLIMENTS
OF
Breyer Ice Cream

For Premium Heating Oil
and
Dependable Service
call the
“MITCHELL MAN”
678-1800

Mitchell-Supreme Fuel Co.
532 Freeman Street ORANGE, N. J.