Cycle

ARMOUR INSTITUTE OF TECHNOLOGY

40

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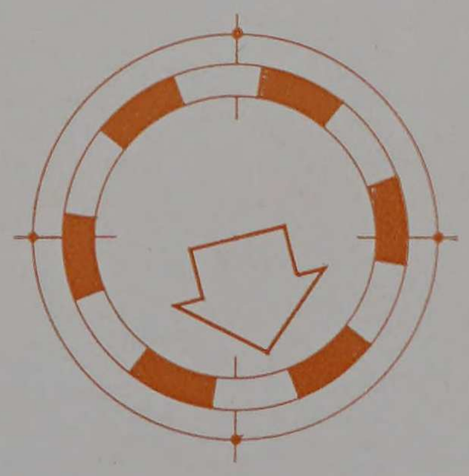
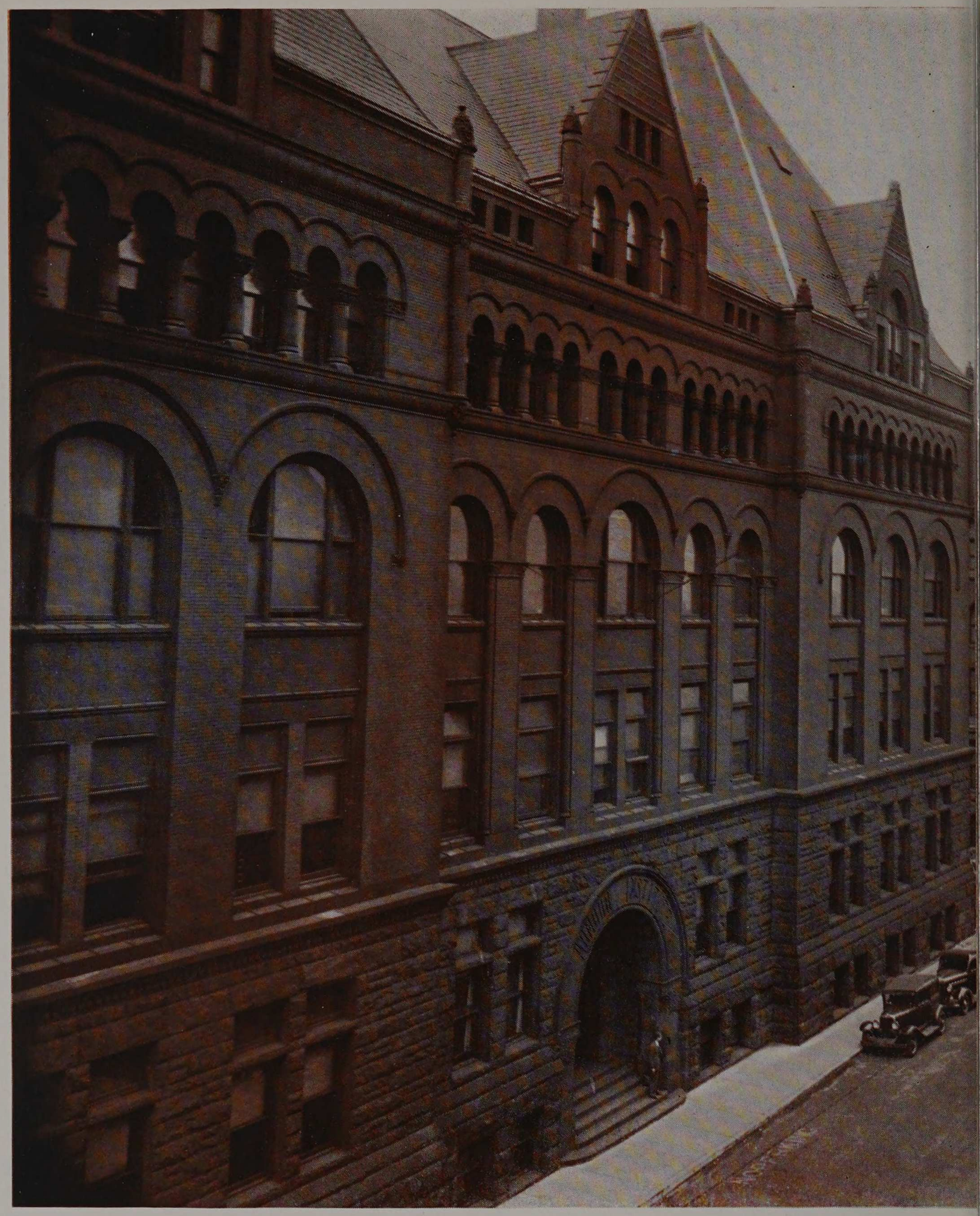
The Class of

Nineteen Hundred and Forty

Presents





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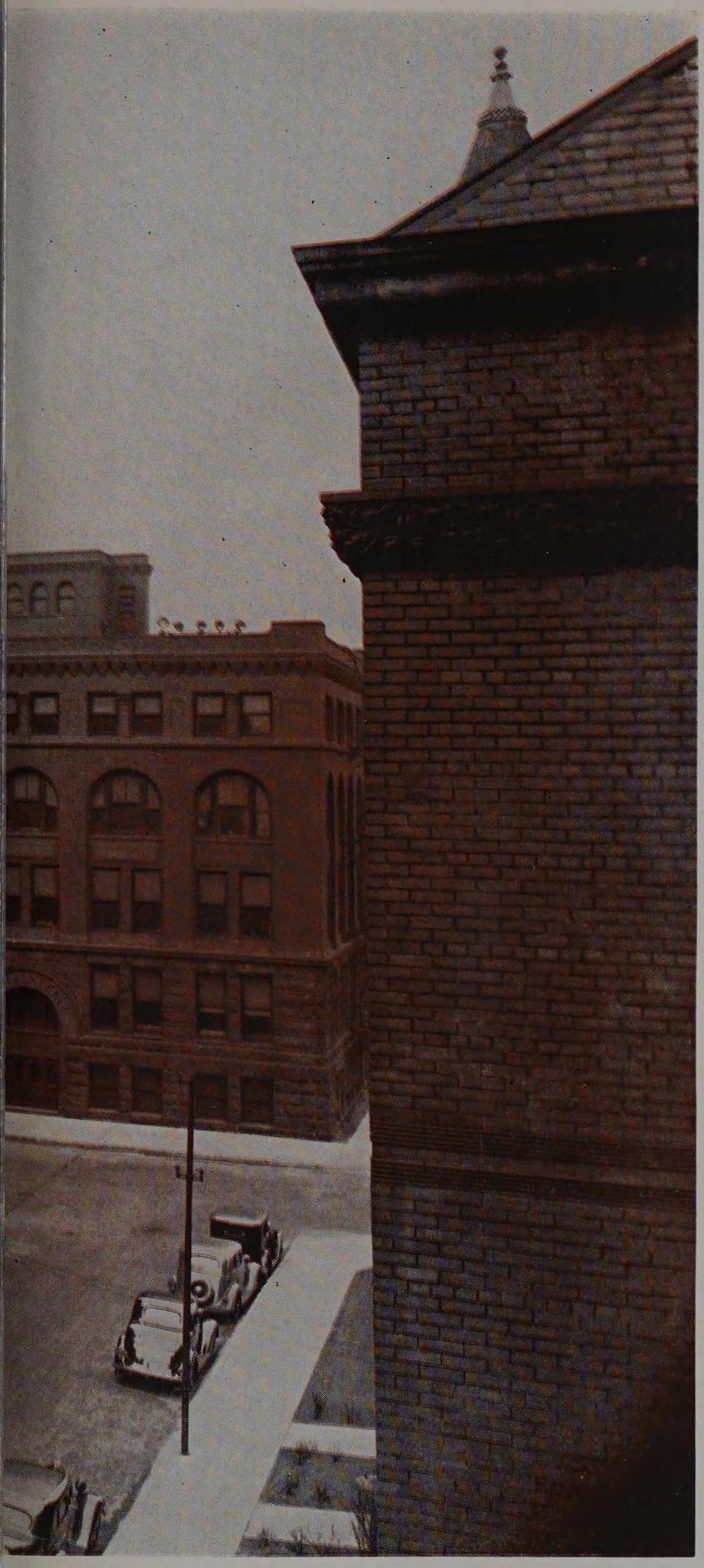


Publication
by the
Student Body

CYCLE

T E · O F · T E C H N O L O G Y



Front Entrance of Main

Dynamo Laboratory

Supply Store



First Floor of Main

Student Union Lounge

The Library

Hydraulics Laboratory

Stairway of Main

Playing records in the Lounge

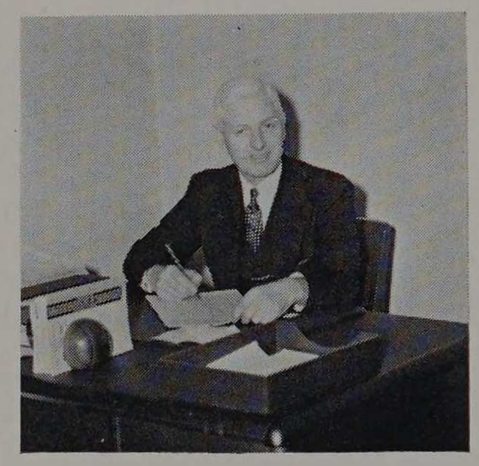


Lunch Room
at noon hour

Sophomores
at the Stevens

Freshman
Drafting Room

DEDICATED TO



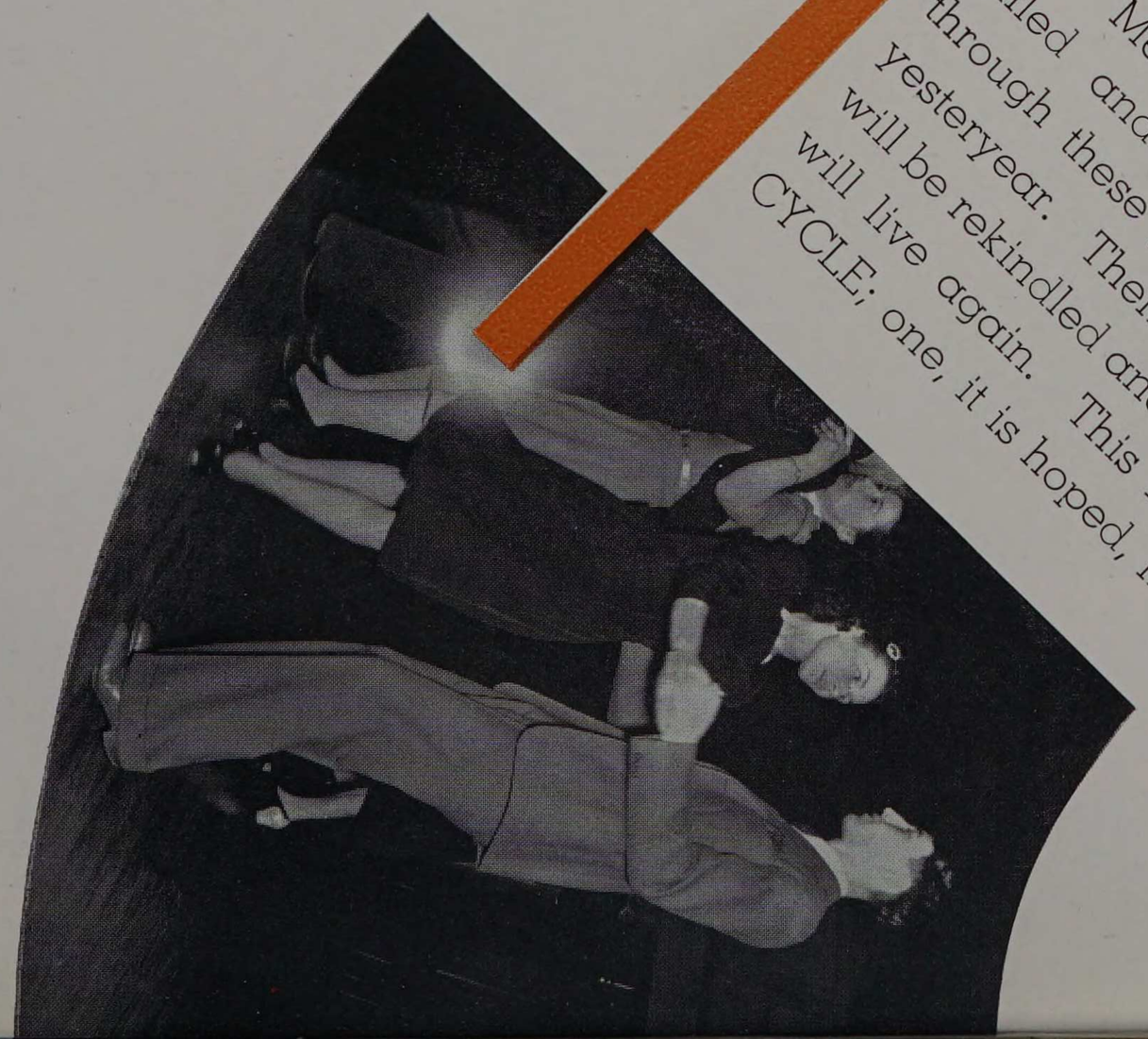
WILLIAM ERNEST KELLY

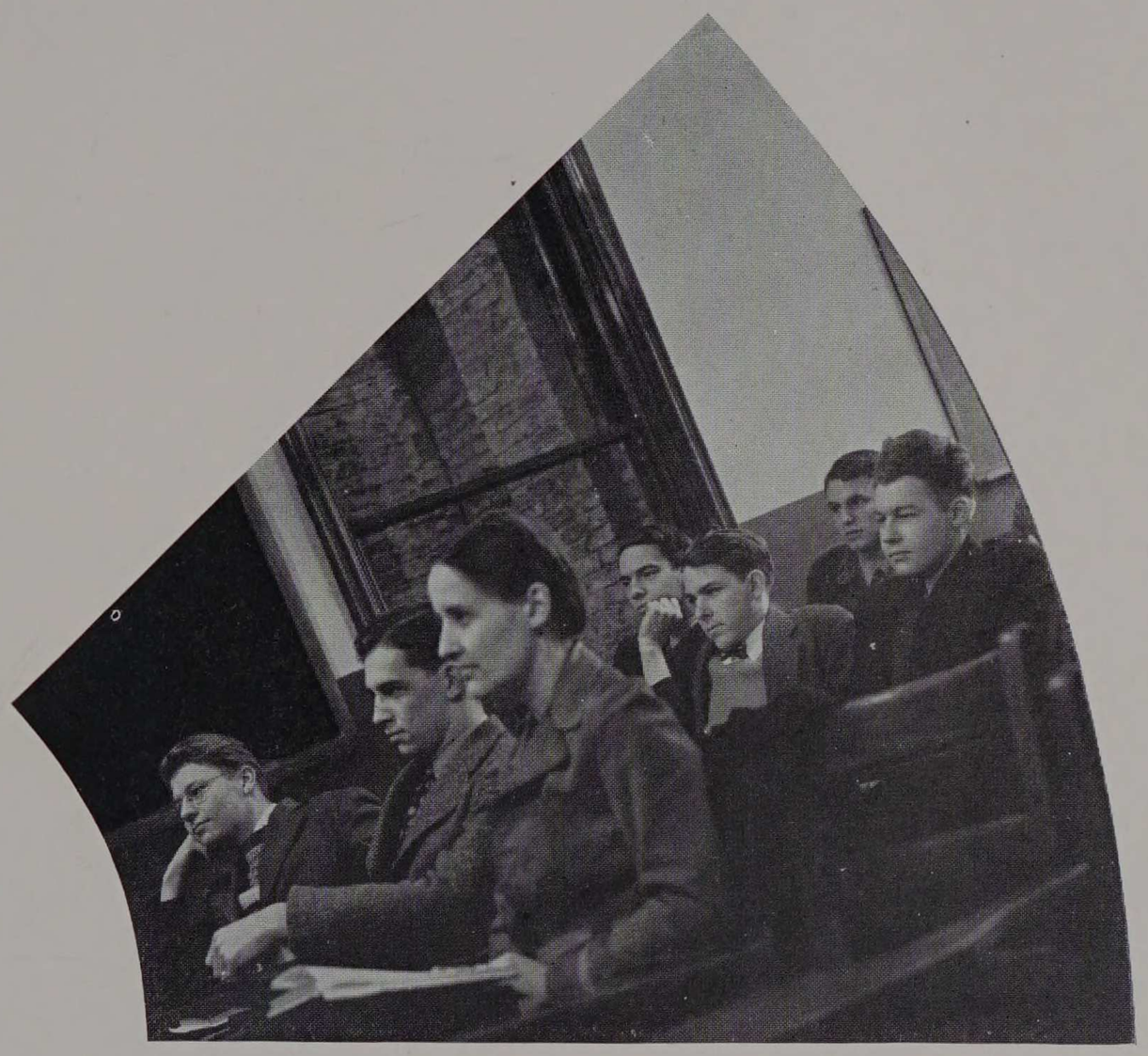
In recognition of the many services rendered in the three decades of his association with Armour Institute, the Class of Nineteen Hundred and Forty respectfully dedicates this edition of the CYCLE.

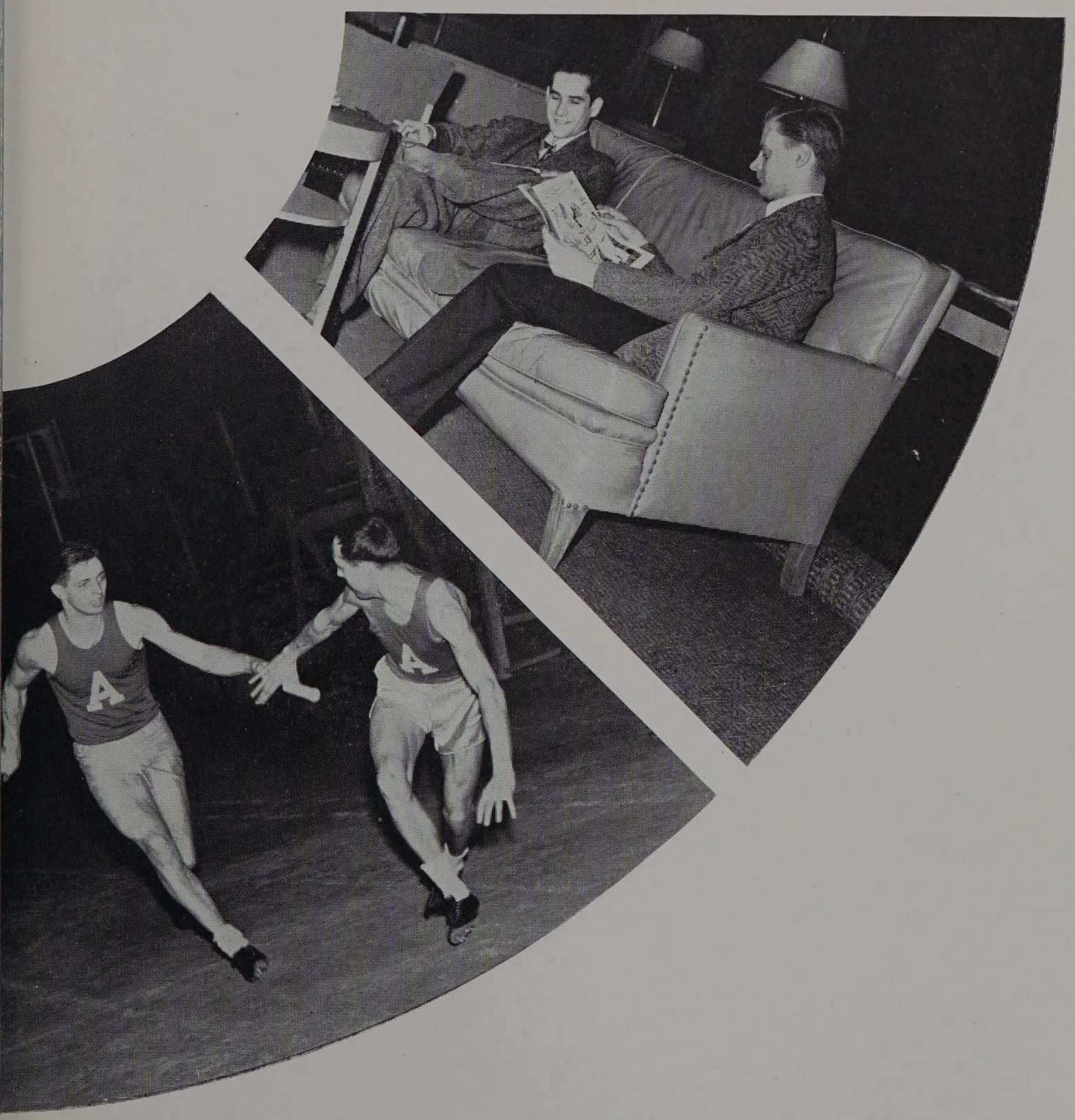


WILLIAM ERNEST KELLY

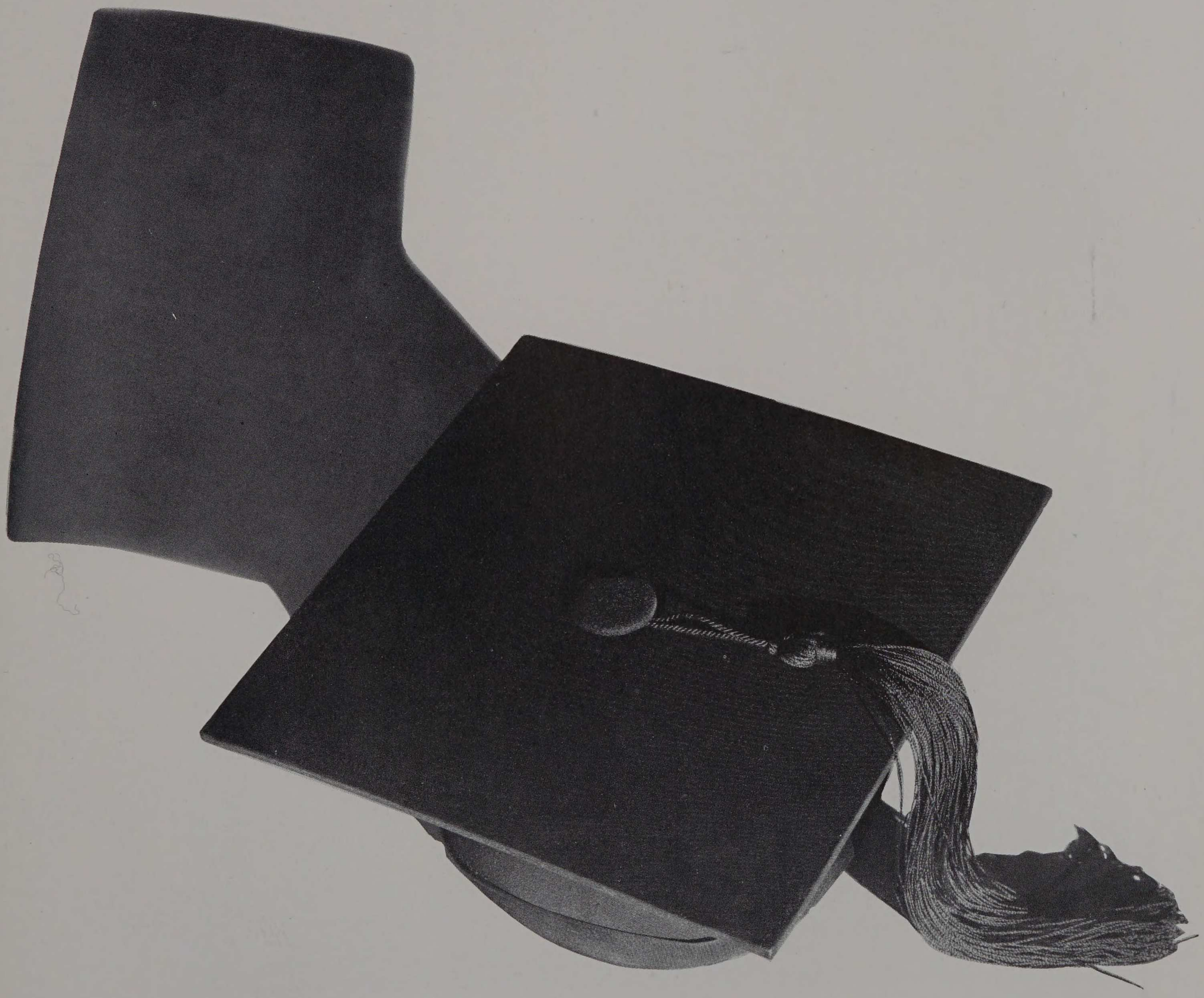
lectures and labs . . . quizzes and reports . . .
slide rules and tables . . . study, study, study
. . . but our cycle is more than this, more than
grind. The purpose of this year's CYCLE is
to reflect in pictures here and there that side
of our life beyond the classroom and the labo-
ratory. The dances, where our girls made
gentlemen of us all; our sports, where win or
lose it was a lot of fun; our bull sessions,
where horseplay mixed with serious thought;
concerts and trips, assemblies, fraternities
and clubs . . . this too has been our college.
We have made an effort in these pages to
record those experiences so common to us
all. Experiences that too soon will be memo-
ries. Memories that may, however, be re-
called and even relived upon browsing
through these pages when the present is a
yesteryear. Then the days spent at Armour
will be rekindled and the years of college life
will live again. This is the purpose of our
CYCLE; one, it is hoped, has been achieved.







ACADEMIC





PRESIDENT

Henry Townley Heald

Part of Armour, as Armour is part of him, Henry Townley Heald epitomizes the liberal and aggressive educator. Under his direction, we have seen our school develop and expand, — its Research Foundation, its Graduate Division, and its college, all have stepped the path of progress.

As Freshman Dean in 1933 and Undergraduate Dean from 1934 to 1938, President Heald proved himself an able champion of undergraduate life. Generous in his counsel, sympathetic in his discipline, his appointment to the presidency was considered a serious loss to the undergraduate school.

To his position as administrator, President Heald brings not only the warmth and enthusiasm of the able executive, but also an incontestible faith in the strength and destiny of the institute; our future under his leadership is certain of success.



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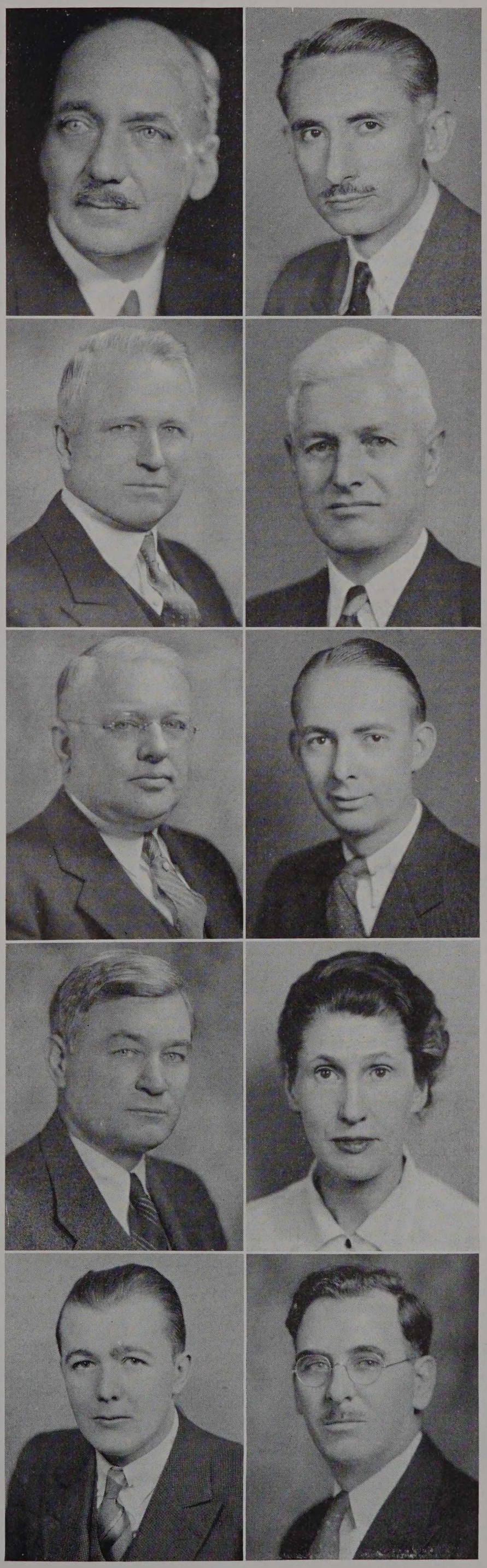

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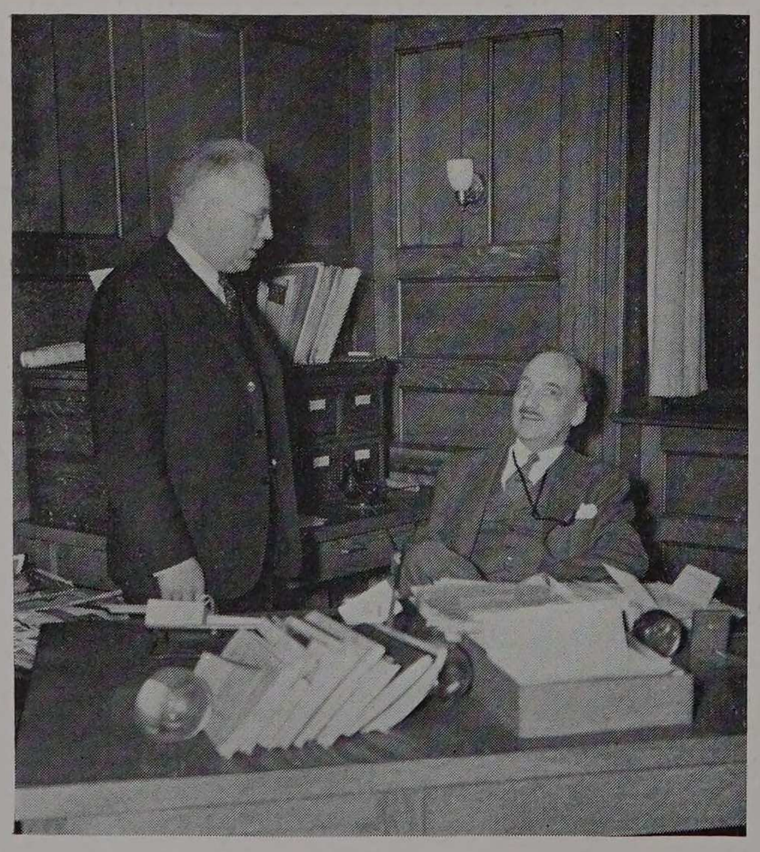

Counselor, guide, mediator, and teacher —Charles Austin Tibbals is all of these. Famed in alumni annals for his chemistry lectures, remembered as the steadying hand and driving force of undergraduate life, Dr. Tibbals fills the chair of Undergraduate Dean with a paternal sincerity and humor.

Joining the Institute as instructor more than thirty years ago, Dean Tibbals since that time has filled numerous positions both in academic and administrative work. His appointment as Undergraduate Dean brought to the office a rare combination of patience, tolerance, and understanding. To many of us he represents Armour, her progress in the past, her present, and her future in a world of technics and science.

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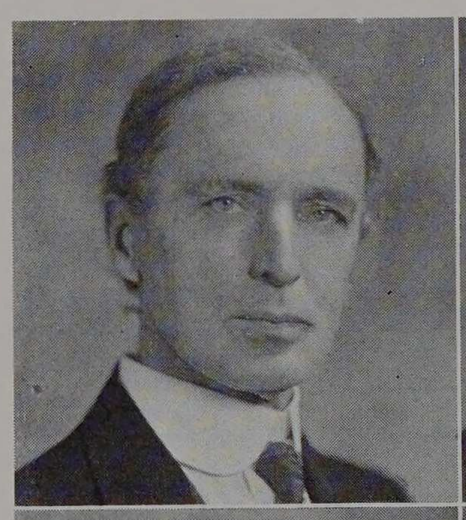
Henry Post Dutton, Dean of the Evening Division of Armour Institute, is a man of wide and diversified experience. After having held numerous executive positions in industry and commerce, he came to Armour in 1934 as lecturer in Management and, two years later, was appointed to the chairmanship of the Department of the Social Sciences. In 1938 he accepted the position of Dean of the Evening Division in addition to his work as departmental head. Able and efficient, Mr. Dutton brings to his post the acuteness born of experience and the academic integrity of the scholar and teacher.

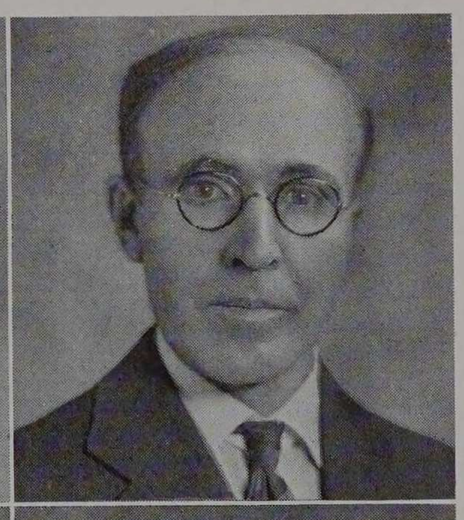


EMERITI

President Emeritus
HOWARD MONROE RAYMOND











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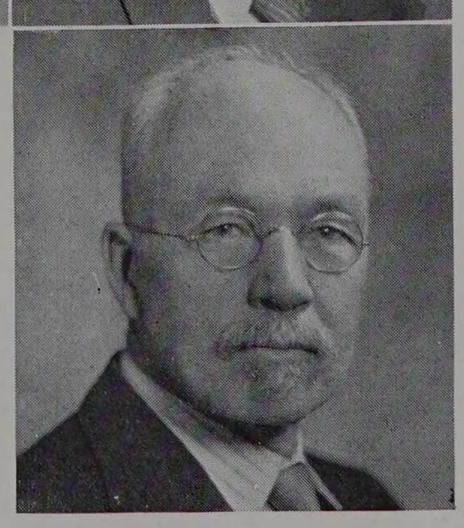

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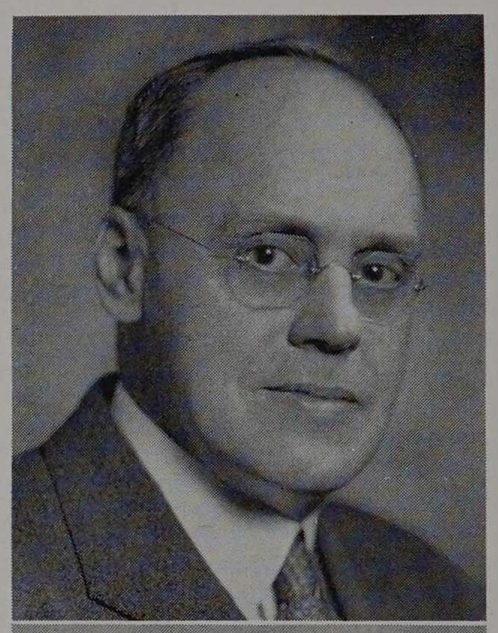

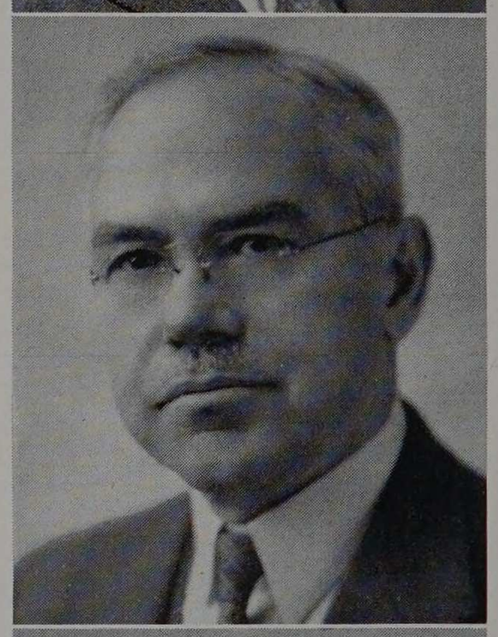

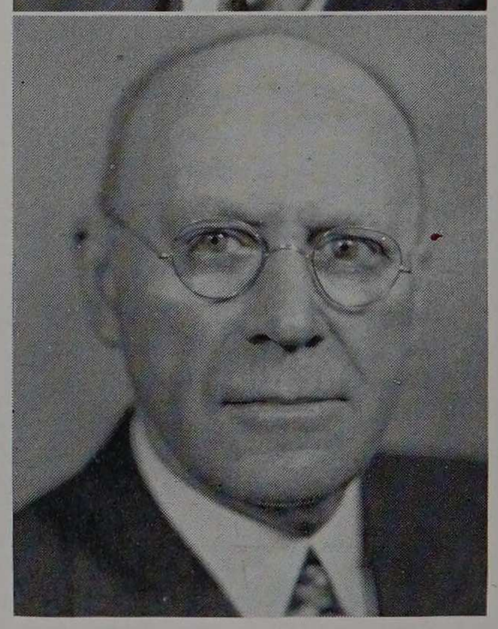

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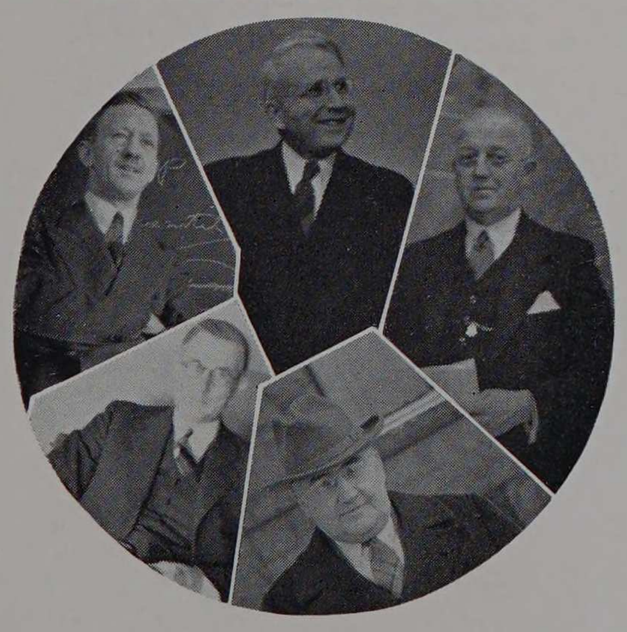

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M.M.E. Cornell University
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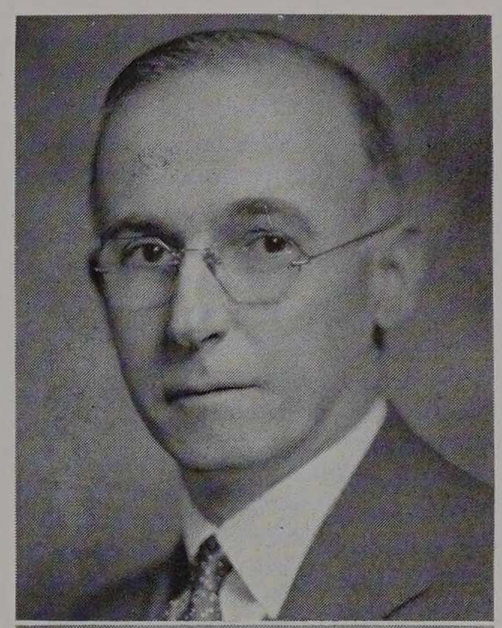

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Professor of Mechanics
S.B. Massachusetts Institute of Technology
Tau Beta Pi, Sphinx, Theta Xi



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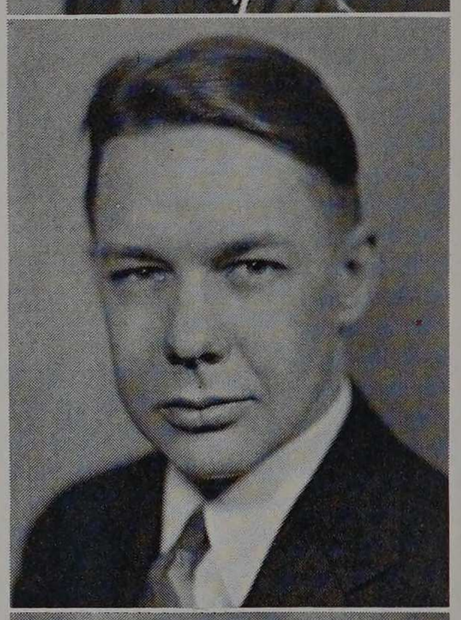
B.S. Armour Institute of Technology





SAMUEL FLETCHER BIBB

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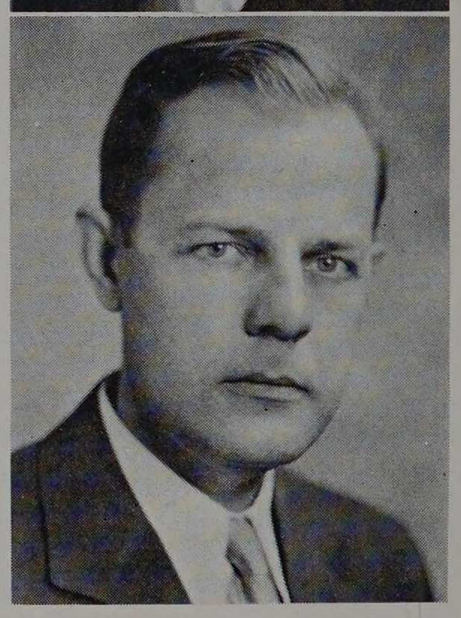

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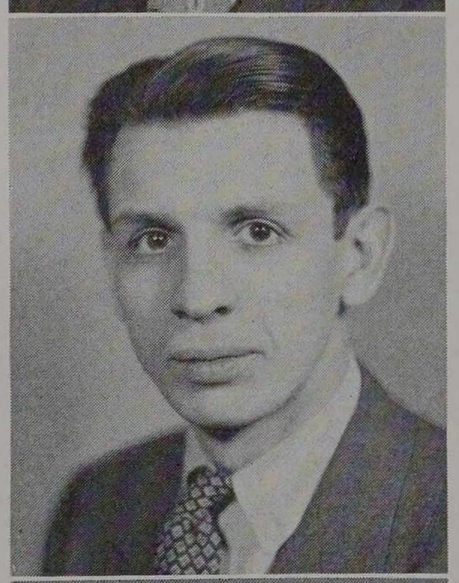

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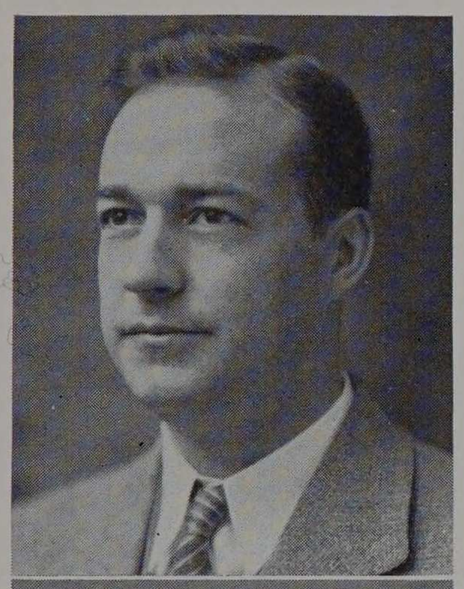



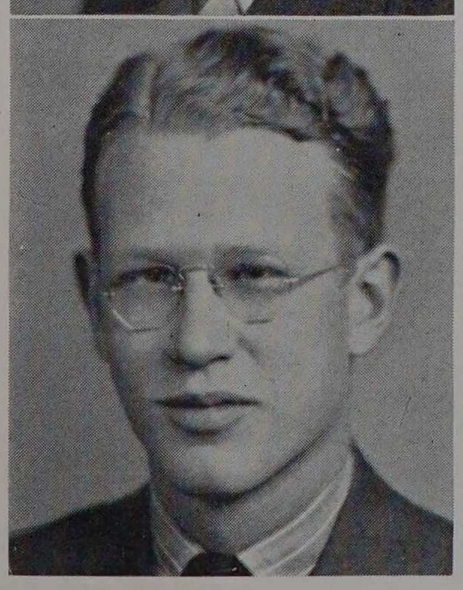

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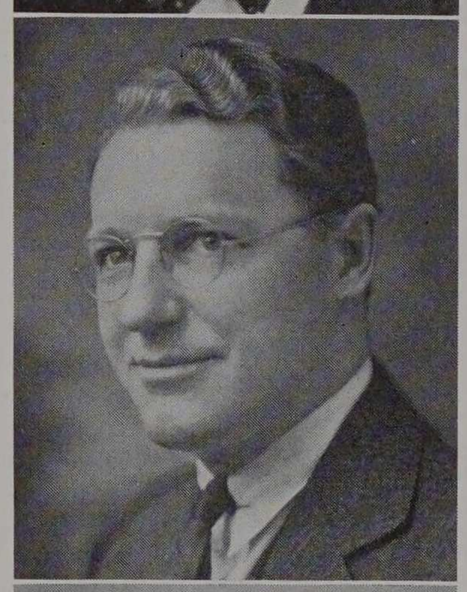

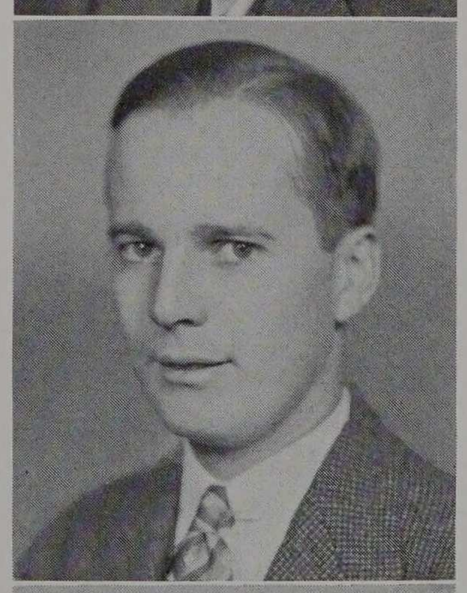





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Ph.B. University of Chicago, Armour Institute of Technology, Cornell University
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Instructor in Civil Engineering
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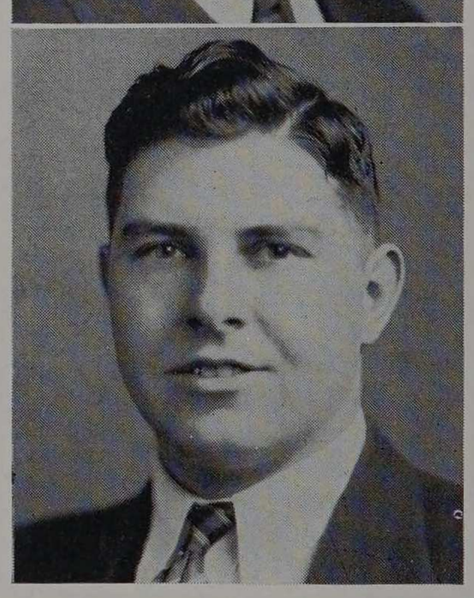

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Ph.D. University of Chicago

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Instructor in Mechanical Engineering
B.S. Kansas State College
M.S. University of Nebraska
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B.S. Armour Institute of Technology
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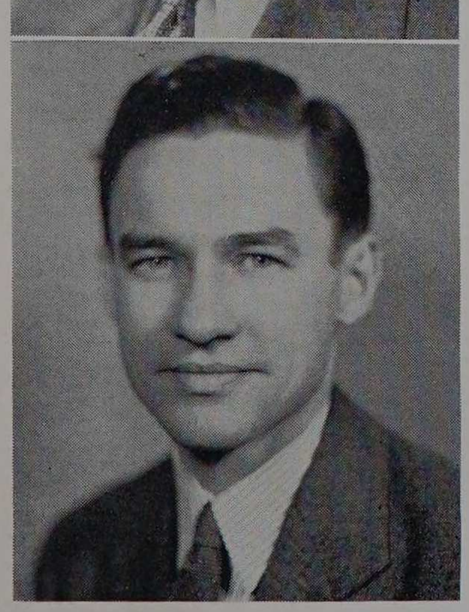
STIRLING H. HARPER

Assistant Professor of Architectural Construction
S.B. Massachusetts Institute of Technology







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SAMUEL ICHIYE HAYAKAWA

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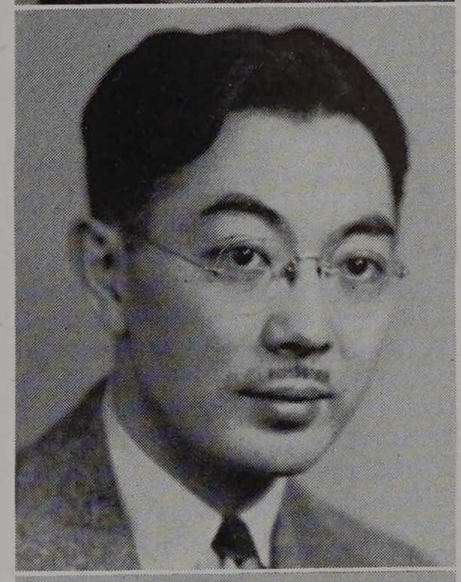

MARTIN H. HEEREN

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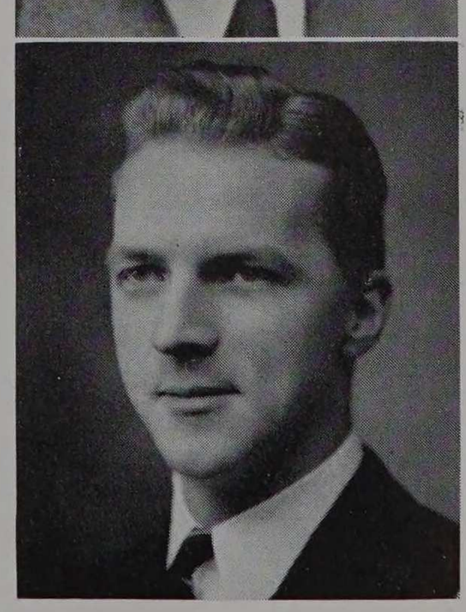

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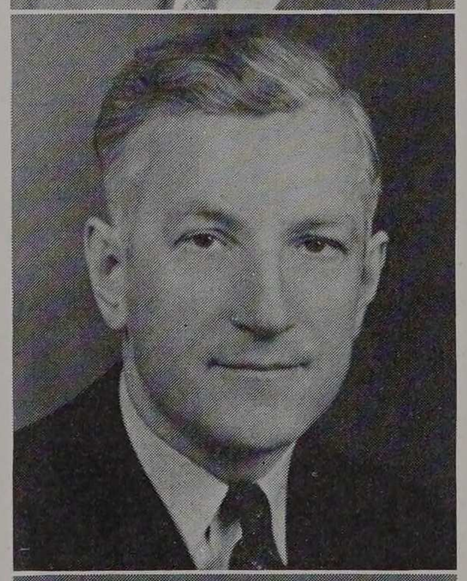

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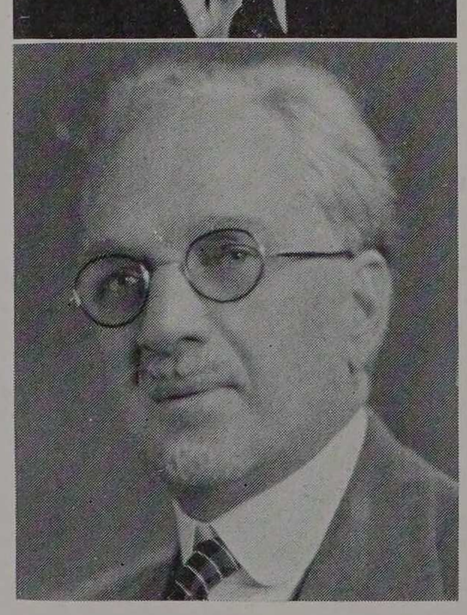

ALBERT H. KREHBIEL

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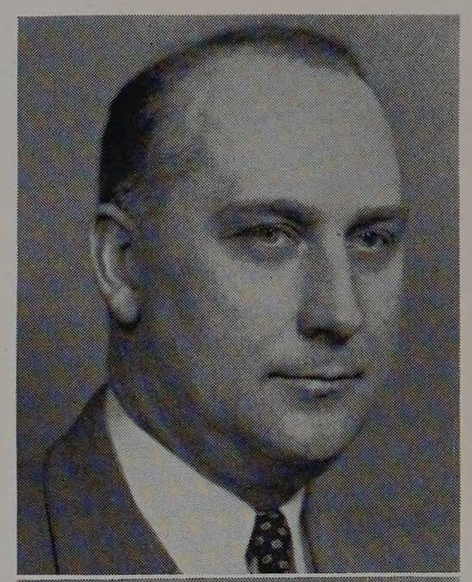

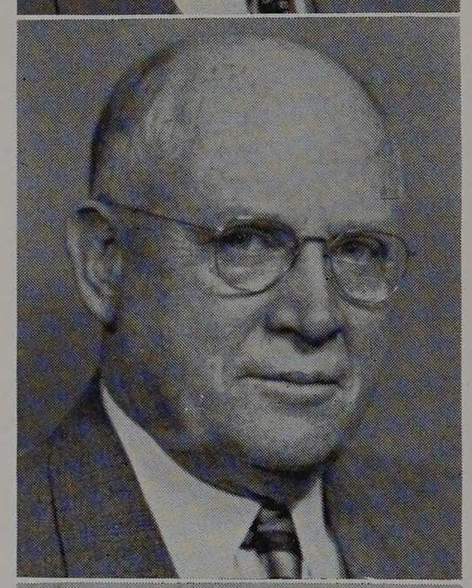



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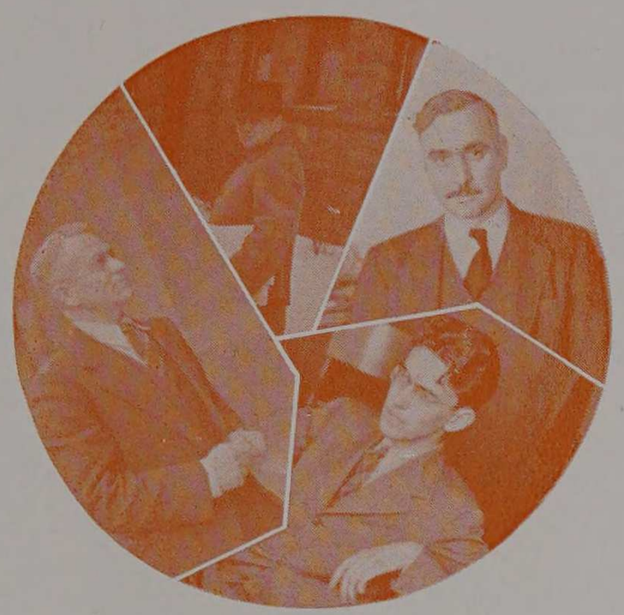

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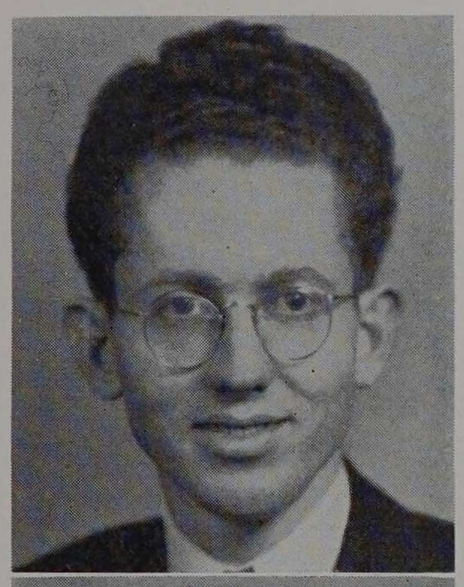



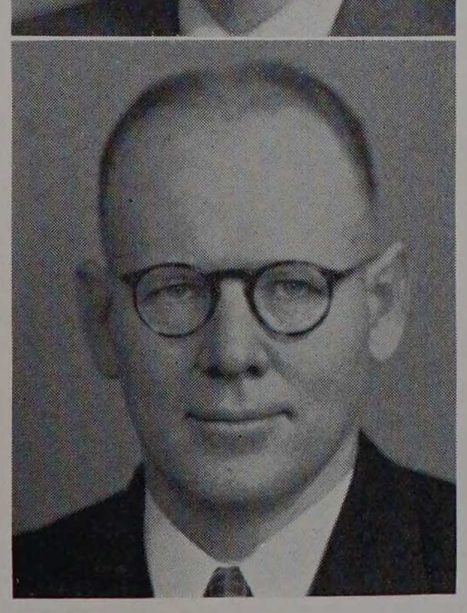

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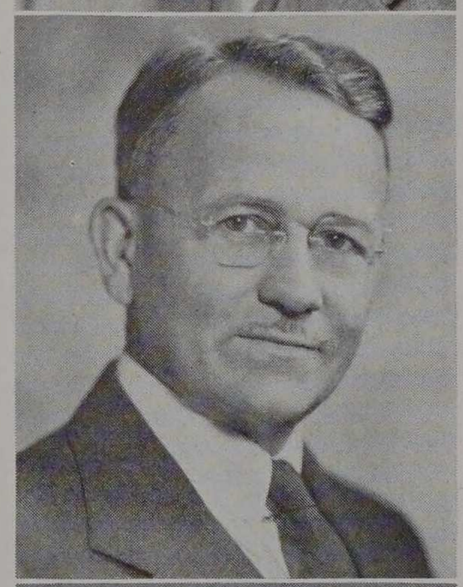



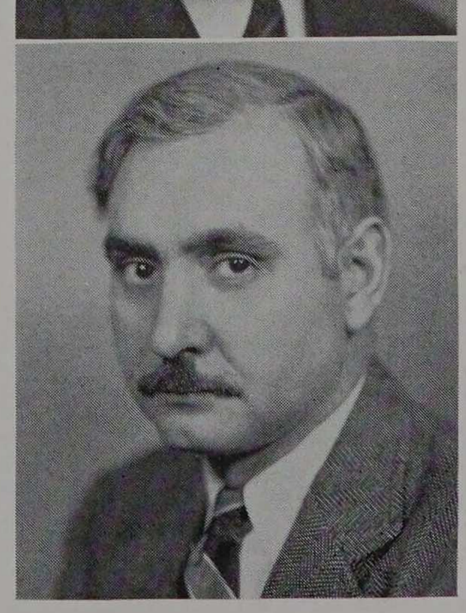

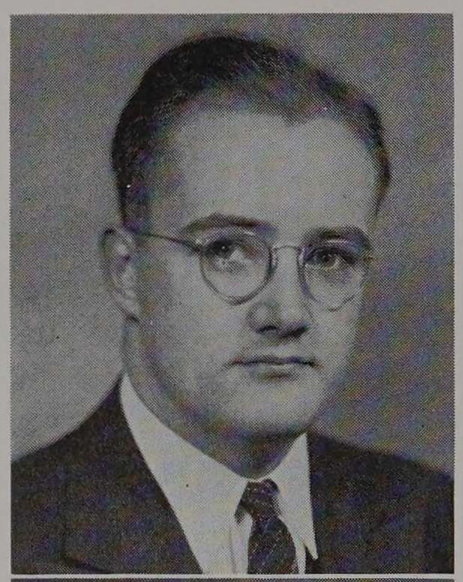

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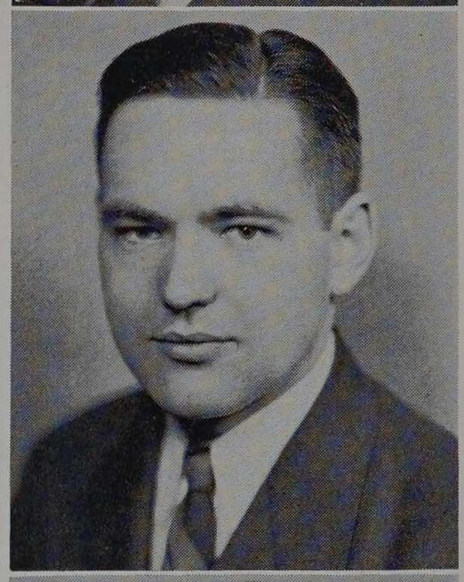



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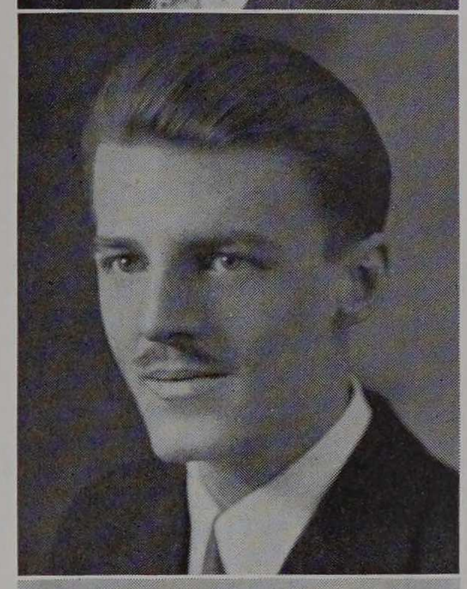

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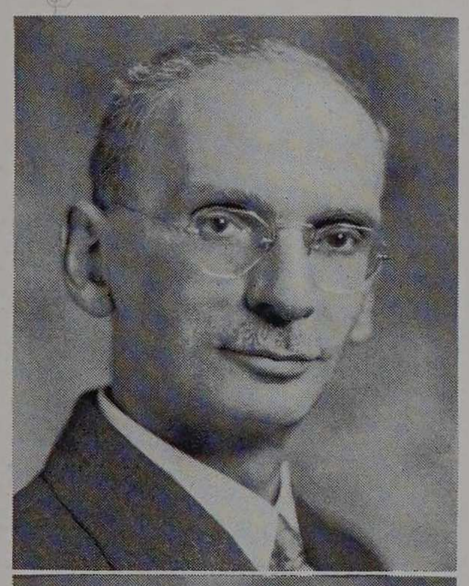

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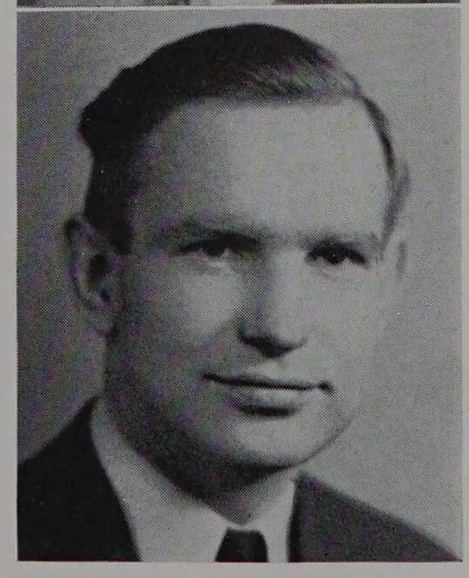

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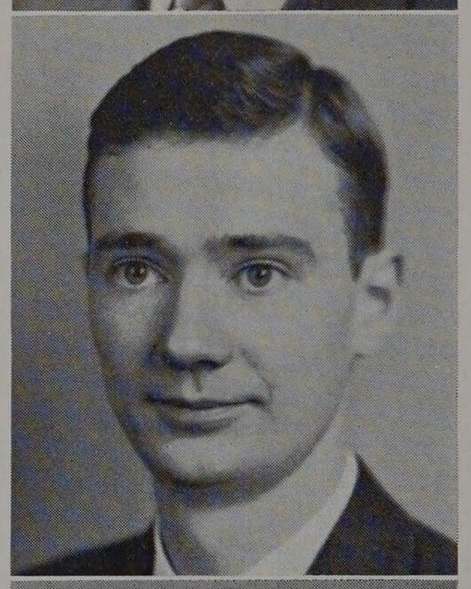



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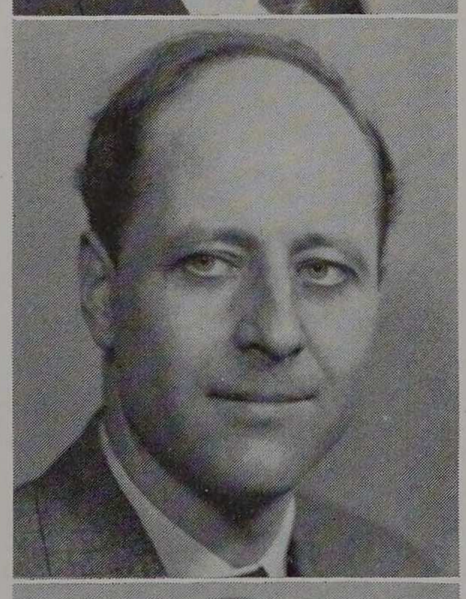

WALTER PETERHANS

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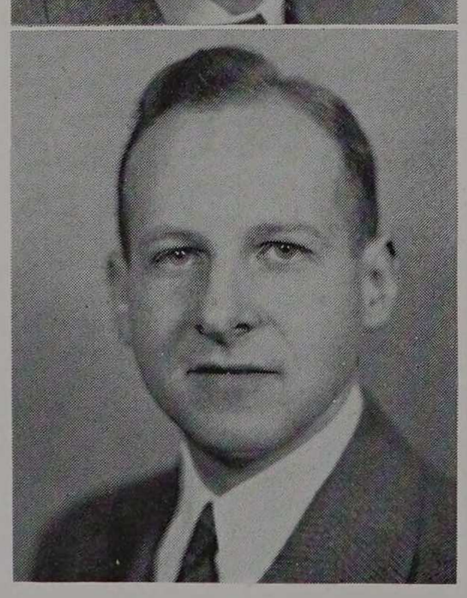
Muenchen, Goettinger and Leipzig Universities



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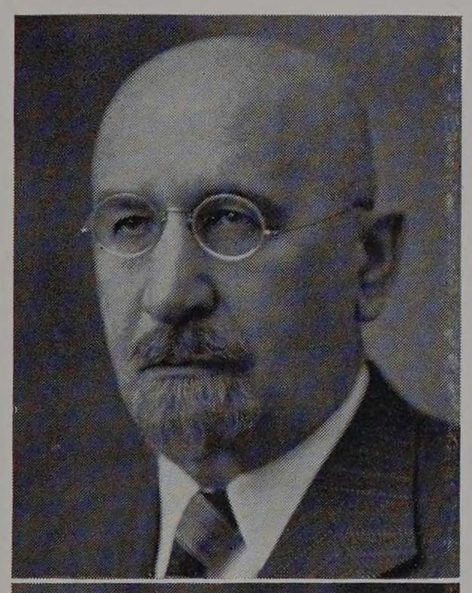



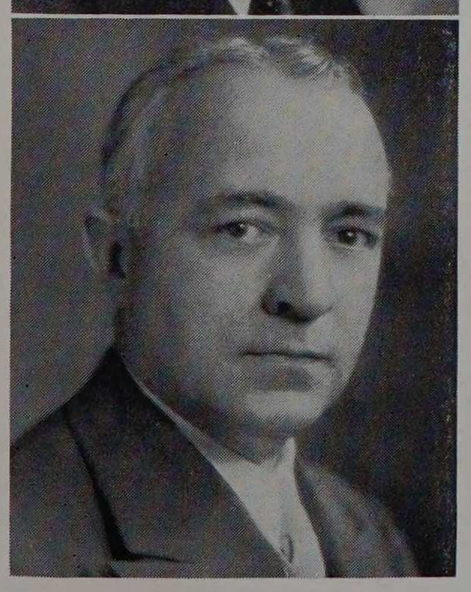

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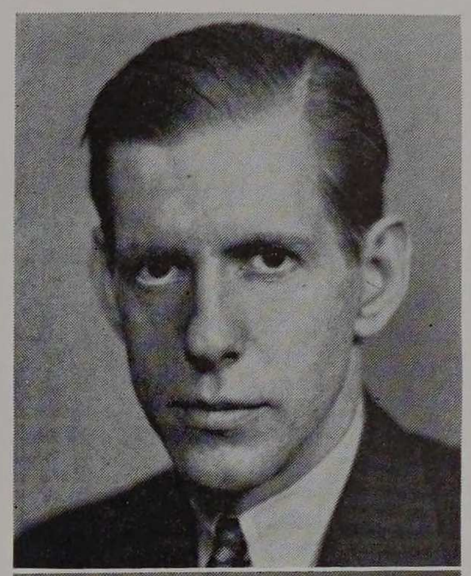

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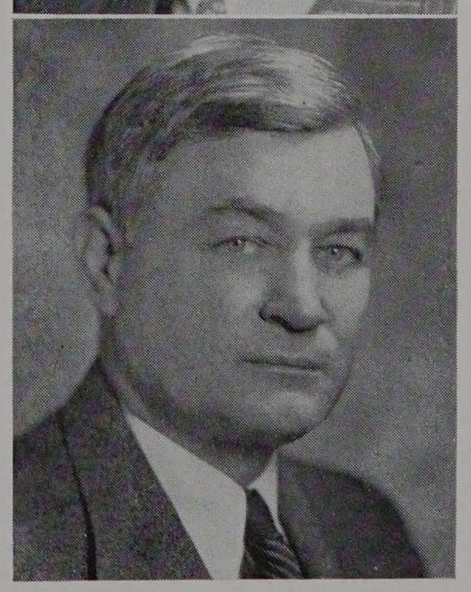

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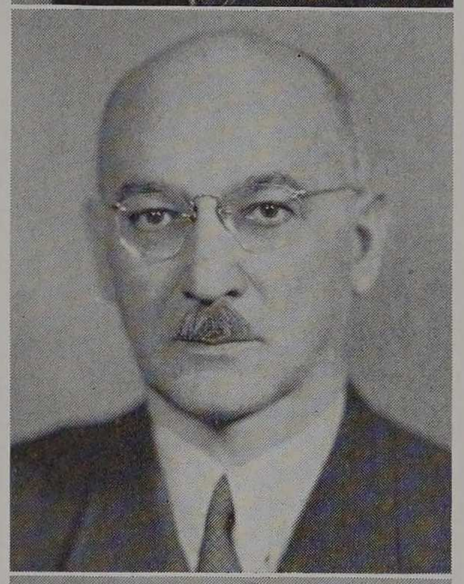

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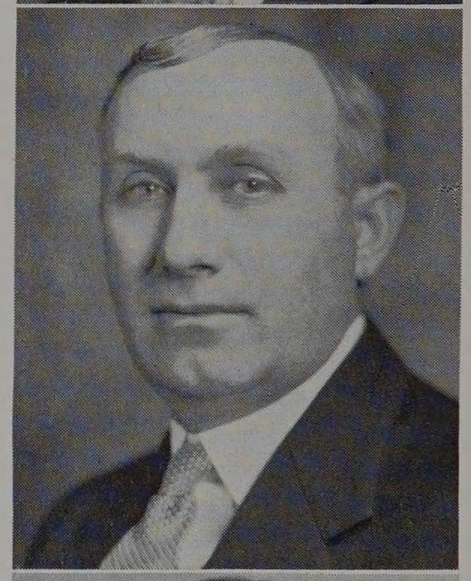

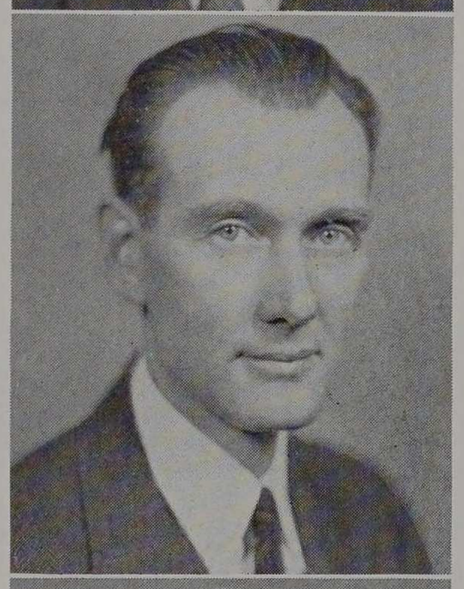

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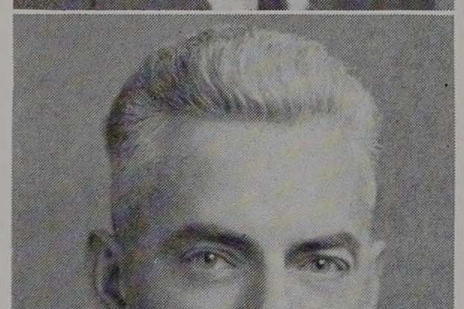

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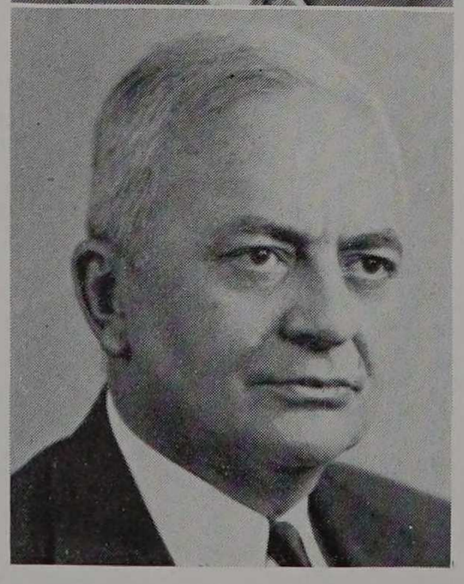

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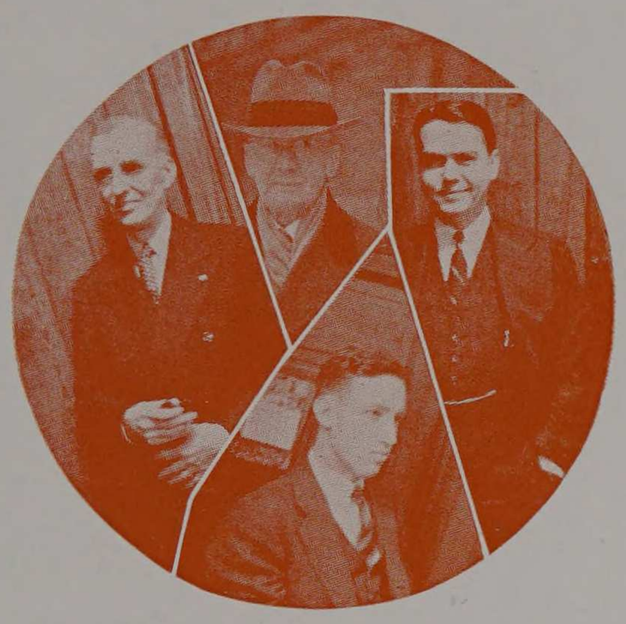

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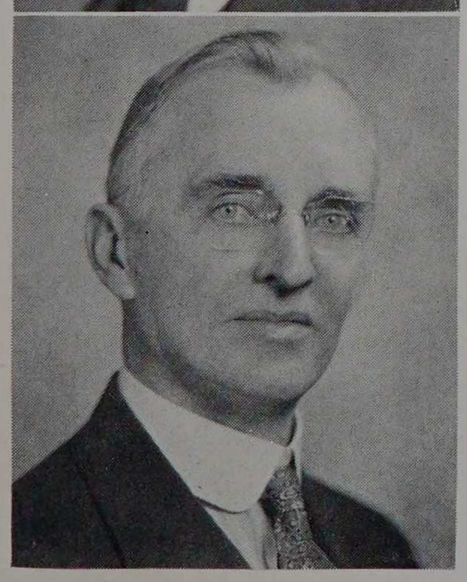

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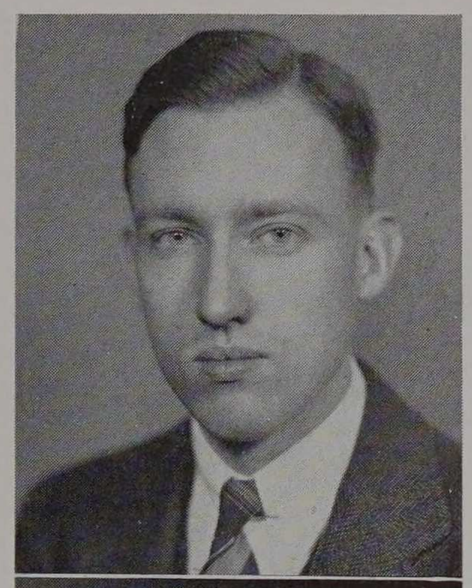

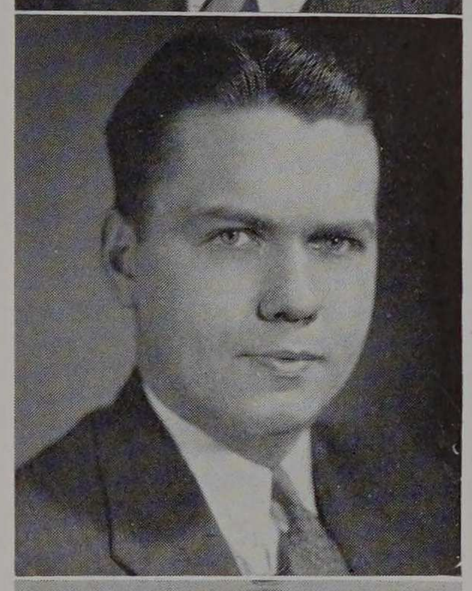



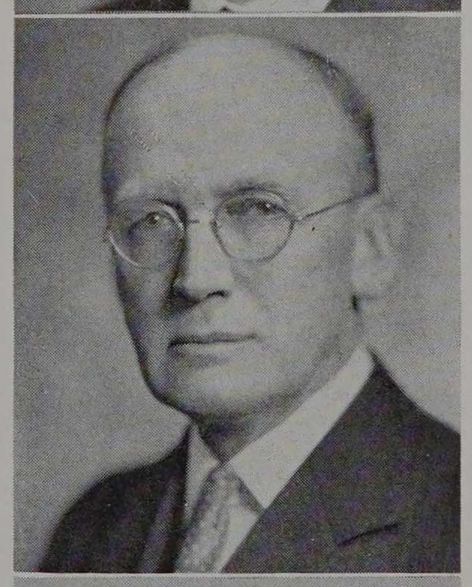





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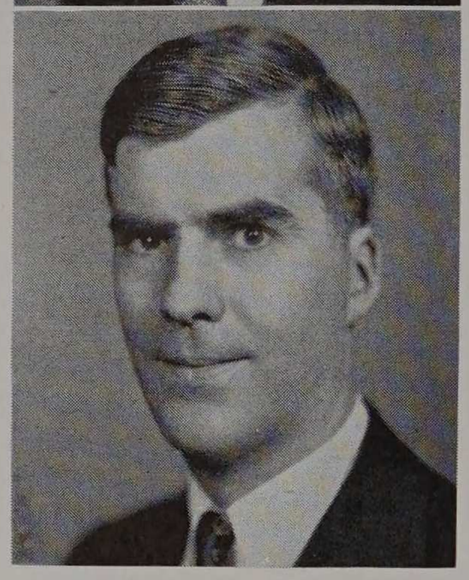

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ALMA MATER

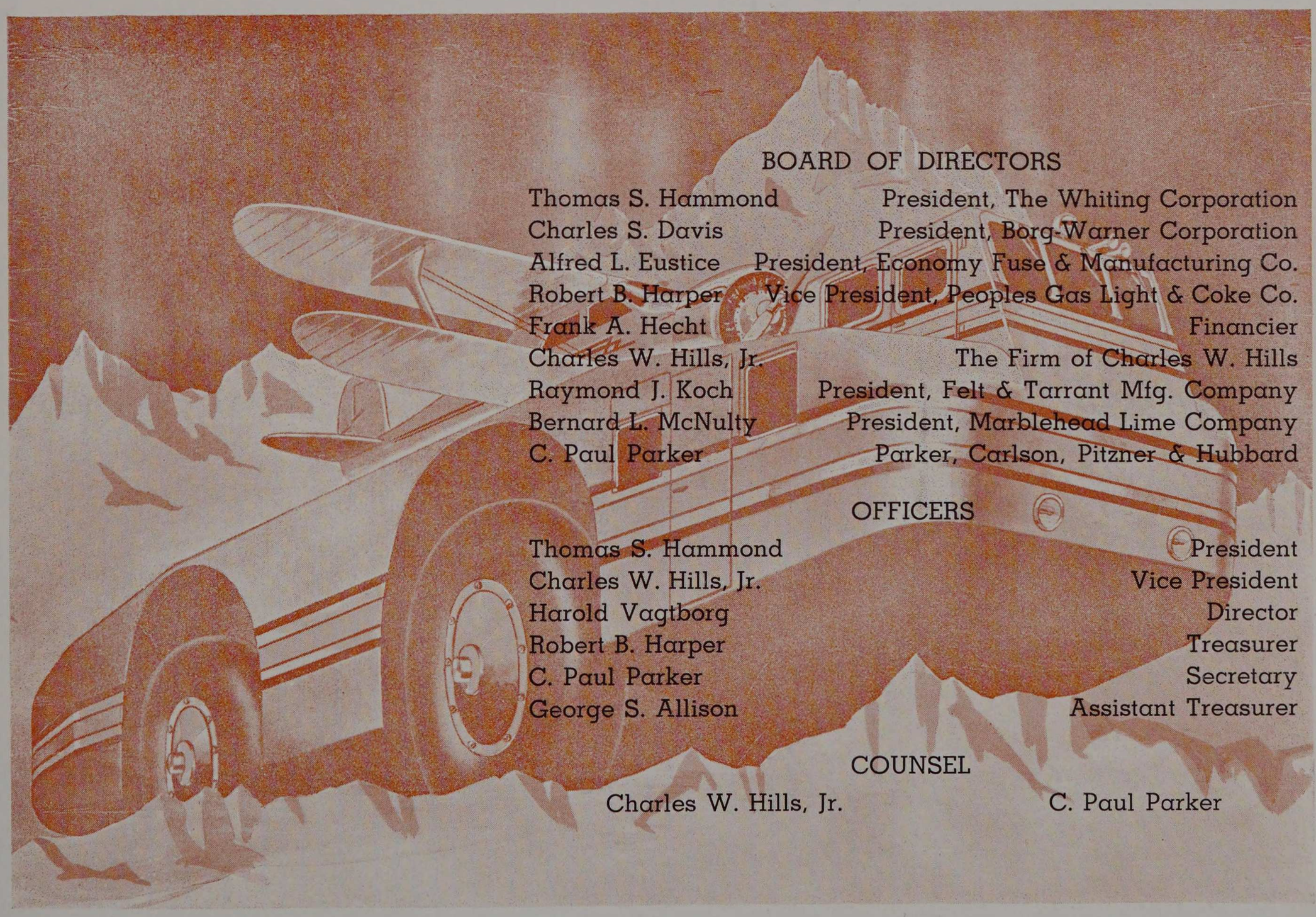
Armour, with thy towering halls;
Our Alma Mater, sacred shrine that calls.
Her youth to labor, seeking far beyond;
Armour, spirit aflame;
Armour, glorious thy name.

Armour, may thine honor be,
Thy sons' achievements, over land and sea.
Visions of progress, these are all thine own;
Armour, spirit aflame;
Armour, glorious thy name.

The Research Foundation of Armour Institute of Technology was established primarily to carry out investigations of an advanced nature for industrial concerns and public bodies. Close contact and cooperation between the Foundation and industry since its formation have resulted in the development of many new basic processes and methods.

The Research Foundation operates, without apparent limit, in all fields of science. Listed among the available laboratories are those for coal research, electronics, filtration, heat transfer, spectroscopy, extreme high pressure work and a precision machine-shop. The well-publicized Snow Cruiser, sponsored by the Foundation and built with the cooperation of industry, is now at the South Pole, under the command of Admiral Byrd. The designer, Dr. Thomas C. Poulter, is Director of Research at the Foundation.

Many of the staff members of the Foundation are faculty members of the Institute. These men parallel their work in the class room with special investigations in their particular fields. This strong reciprocal tie between the College and the Research Foundation fulfills a vital need in the plan to make the Institute a truly comprehensive school of engineering and forms an important bond between the College and the industries it will man.



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Frank A. Hecht	Financier
Charles W. Hills, Jr.	The Firm of Charles W. Hills
Raymond J. Koch	President, Felt & Tarrant Mfg. Company
Bernard L. McNulty	President, Marblehead Lime Company
C. Paul Parker	Parker, Carlson, Pitzner & Hubbard

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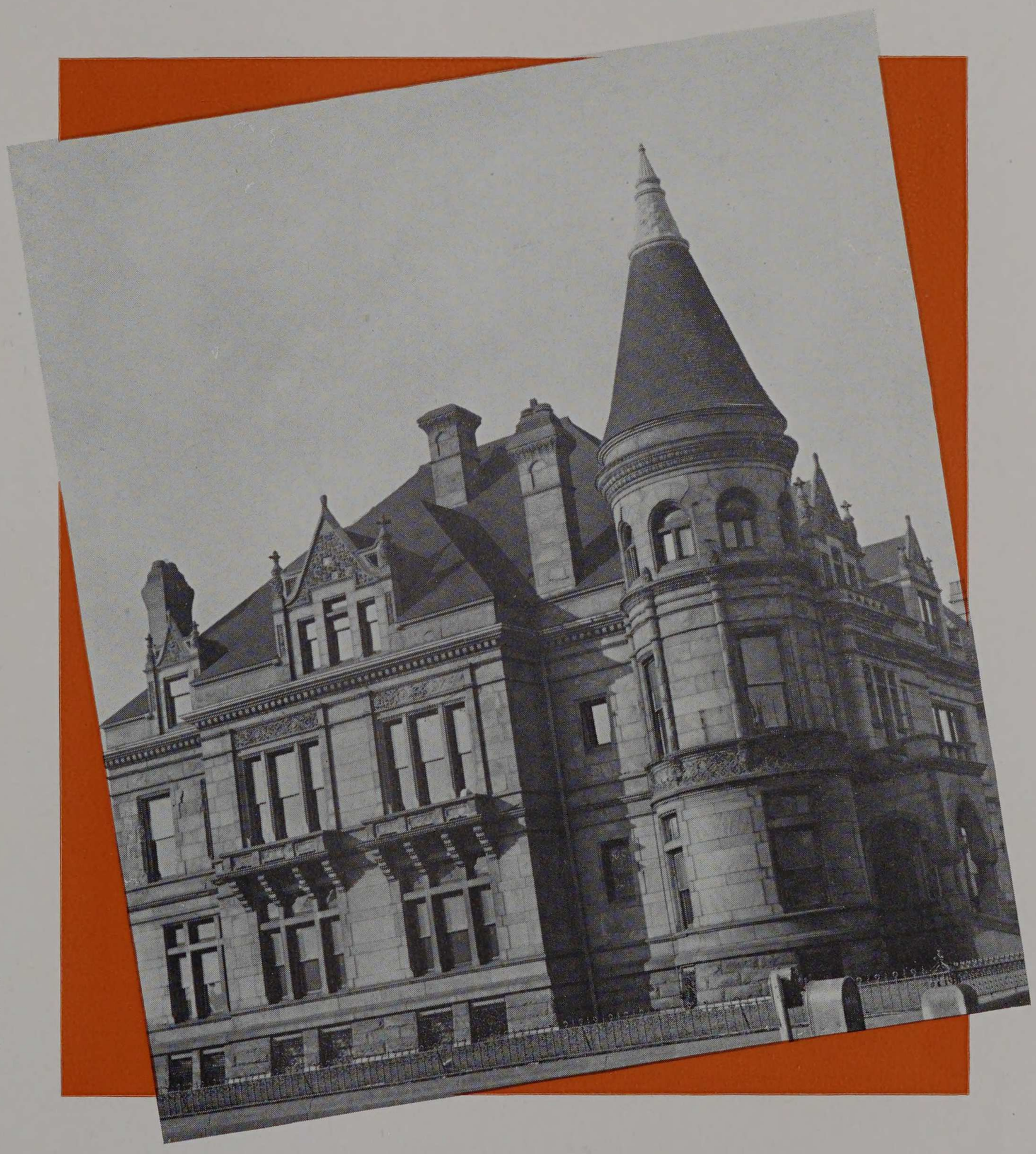
William H. Sparing	Montana State College
Lee H. Townsend	Michigan State College
Edward Wagner	Armour Institute of Technology
Lewis Zwissler	Armour Institute of Technology and Rutgers University



TANTS

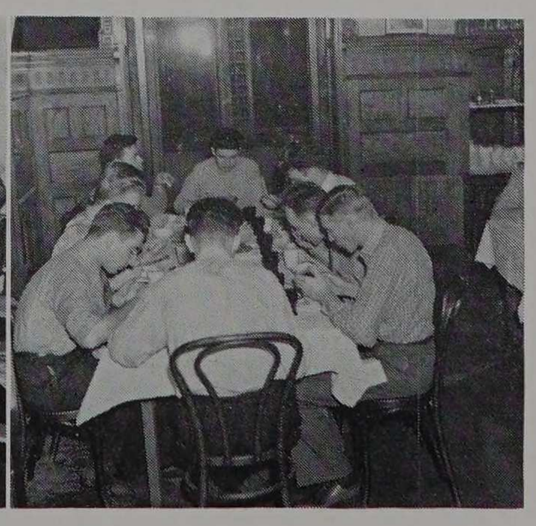


The Graduate House









FORTY-THIRD ANNUAL COMMENCEMENT

COMMENCEMENT EXERCISES
Auditorium of the Museum of Science and Industry
June Eighth, Nineteen Hundred Thirty-Nine

Invocation by the Chaplain, Dr. George Lawrence Scherger
Commencement Address by Franklin Harper Fowler
President, Foote Bros. Gear and Machine Corporation

SEVEN DEGREES OF MASTER OF SCIENCE WERE CONFERRED UPON THE FOLLOWING

Edward Charles Berger
Clarence Huetten
Robert Michael Levy
Robert Mathias Lundberg
George S. Madsen
George Thodos
George I. Uitti

ONE HUNDRED THIRTY SEVEN DEGREES OF BACHELOR OF SCIENCE WERE CONFERRED UPON THE FOLLOWING

Bolton Glenn Anderson
Loran Gerald Anderson
Harold Severin Anthon
John Barle
Norbert Lester Bartlett
Bernard William Bernstrom
Milburn Emmett Biddle
George Bjornstad
Fritz Ludwig Bock
Roland Brune Boertitz
Robert Andrew Bradt
Franklin Crawfold Brewster
William B. Buckman
Joseph Paul Bugielski
Irving X. Burg
Reginald Irving Bush
Thomas Borden Calhoun
William John Capodanno
Ernest Carl Carlson
Julian Cuthberg Chaderton
William Denison Chapman
Edward Armand Chevalley
Thomas A. Clark, Jr.
Thomas Collier
Howard Rockwell Coyle, Jr.
Thomas Francis Cunningham
Emil John Daniel
Robert Allen Davis
Marshall A. Davoust
Roger August DeLoor
Arthur James Dempsey
George John Derrig
Max Ephriam, Jr.
Edward Howard Erickson
Stephen Evanoff, Jr.
Winchester Gibson Felt
Stephen Patrick Finnegan
Irving Melvin Footlik
Robert Bergman Fridstein
Arthur Nathaniel Fried
Allan William Gilbert
James Gilbert, Jr.
Anthony Constantine Giovan
Myron Goldsmith
Edward S. Grabacki
William Graf, Jr.
Jack Gregory
Bertram Harry Griesbach
Juliam Grombacher
Eugene Dominic Gryglas
Charles William Harris
Herbert Lester Harrison
James Donald Hebson
Paul Fredrick Henriksen
Paul Martin Hoffman
William Anthony Hofmann, Jr.
Daniel Woodrow Jacobson
Robert Isaac Jaffe
Frederick George Jahnke
Joseph John Janicek
Eric Johannisson
Harold Charles Johnson
Johen Daniel Keane
Milton Charles Kester
Benjamin Kirz
William Joseph Kolaske
Edmund Kazimier Kosciuch
J. Russell Kotal
Stephen Edward Kroll
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William John Kurtz
Ernest William Landow
John Carl Lindahl
Edwin J. Loutzenheiser, Jr.
Neal Gilmore Lozins
Bernhardt Robert Lorenzen
Berndt Kenneth Lyckberg
John B. McCormack
John Maras
Edward Francis Marik
Richard Frederic May
Henry Louis Mikolajczyk
Peter Paul Mileika
Samuel Parke Miller
Edwin Charles Mitchell
Sigmund J. L. Moculeski
Edward Morris
Guy Frederick Morris
Robert James Morrison
T. Edwin Moseley
Fred William Neubauer
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Edward Kenneth Osterberg
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Anton Stanley Pater
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John Joseph Ratto
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Carl William Reh
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Norman Douglas Rice
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Don Carl Rogge
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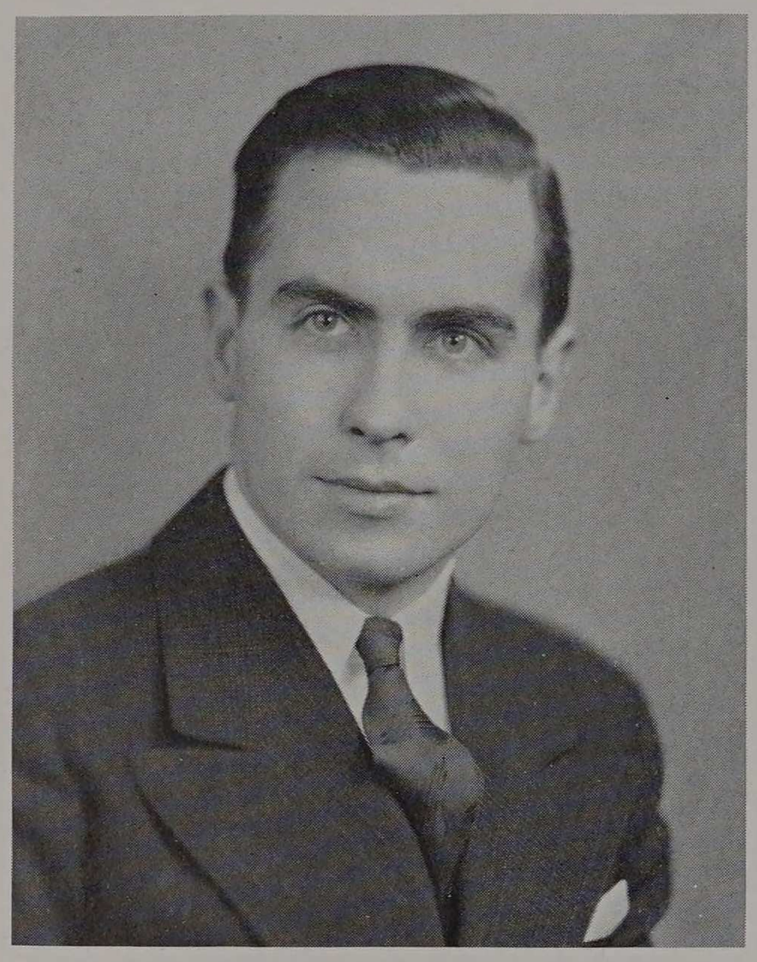
Harvey Arthur Rothenburg
William Anthony Ryan
Donald Joseph Saigh
Isadore Erwin Schlifke
Hyman Schwartz
George Arthur Scott
Roger Thurston Smith
Harry Carl Soukup
Sam Christopher Spencer
Allan John Spengler
Edward Staron
Lawrence Charles Strocchia
Edward Russell Swanson
Vernon E. S. Terp
George William Thomas
Ralph Roy Tullgren
Leon Dean Urbain
Earl Rodger VanAlsburg
Vincent Francis Volpe
Everett Frank Wagner
William A. Wagner
Donald Merlin Way
John Robert Wilkinson
Robert Adolph Winblad
Roy Henry Wittekindt
Lawrence Frank Wooding
Thomas Wilson Yeakle, Jr.
Richard William Young
A. Mordecai Zarem

classes

CO-OP
1943
1942
1941
1940

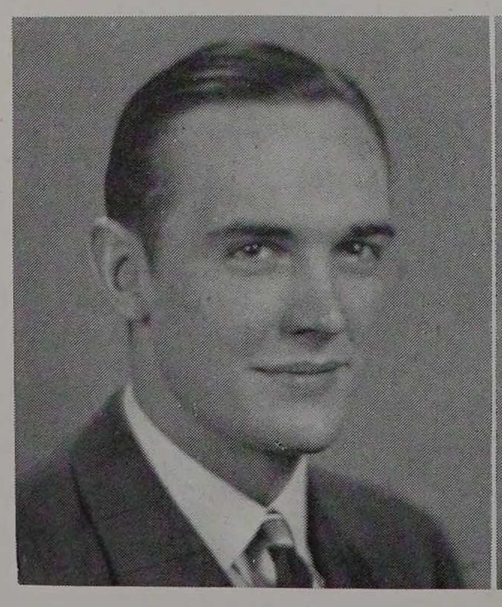


President
WILLIAM E. MACKEY

A nod of a grayed head. A mumble, "I never thought he'd make it." A sigh of relief. All this emanated from various members of the faculty as President Heald presented to us our degree and lustily shook our hand.

We, however, had survived four tumultuous years of study and play. The faculty had not only also survived the ordeal, but will continue its struggle with youth for many years to come. We recognize the insurmountable debt that we owe to these men of learning.

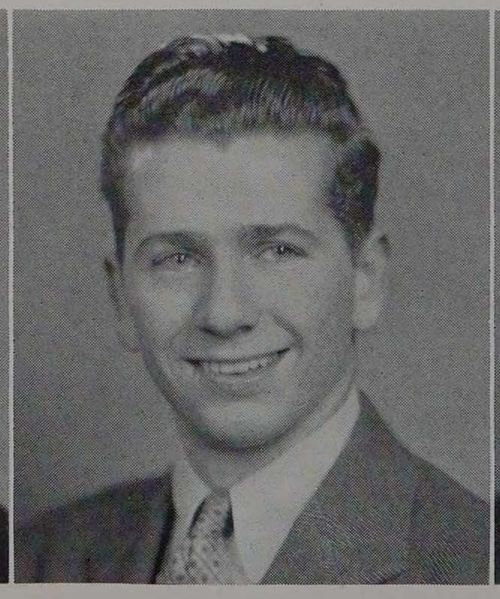
Armour and the class of '40 must part. Symbolically we enter new eras of exploit together. We, the last class to graduate from Armour Institute, salute the new and mightier Illinois Institute of Technology.



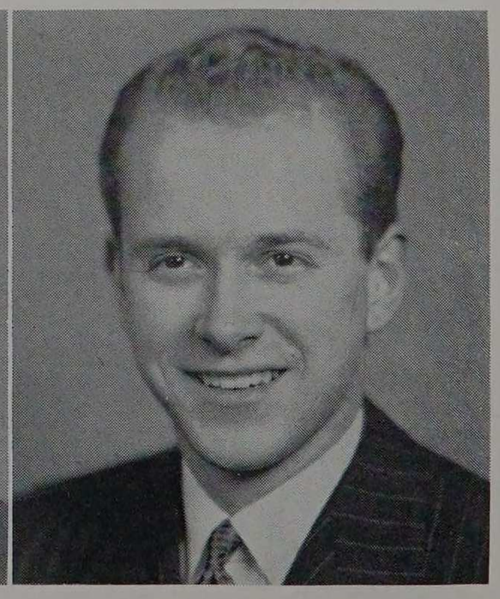
Lloyd Norkus



Dan Shaver



Charles Eulo



Eugene Worcester

SENIOR COMMITTEES

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WORCESTER, HORTON, FIEBIG, HUTTON

COMMENCEMENT

OPILA, GERHARDT, CEROVSKI, COLLOPY, NEWMAN, HARTMAN, WINKLER

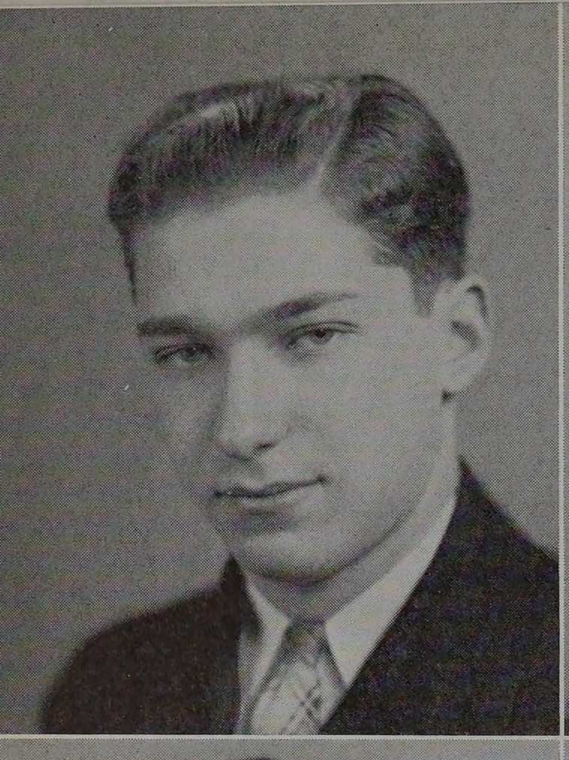


Treasurer

Vice-President

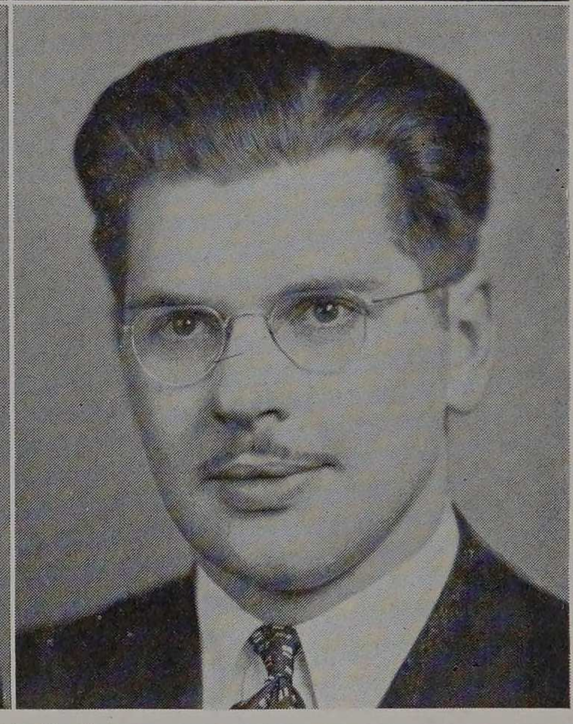
Secretary

Social Chairman









Robert Abrahmson
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Sigma Alpha Mu 1, 2, 3, 4; Tech News 2, 3, 4; Interfraternity Council 3; Tennis 2, 3, 4.

Frank J. Alter
Wilmette, Illinois
B.S. in Fire Protection Engineering
Marquette University 1, 2, Gamma Theta Pi; F.P.E.S. 3, 4.

Floyd E. Anderson
Oak Park, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Tech News 2, 3, 4, Assistant Sports Editor 4; Eta Kappa Nu 4.

Harry G. Avgerenos
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E.; Rifle Club.

Moorman R. Balis
Benton Harbor, Michigan
B.S. in Mechanical Engineering
Colorado School of Mines 1, 2; Alpha Tau Omega; A.S.M.E. 3, 4; Glee Club 2, 3, 4; Business Mgr. of Musical Clubs 4; Pi Nu Epsilon 4.

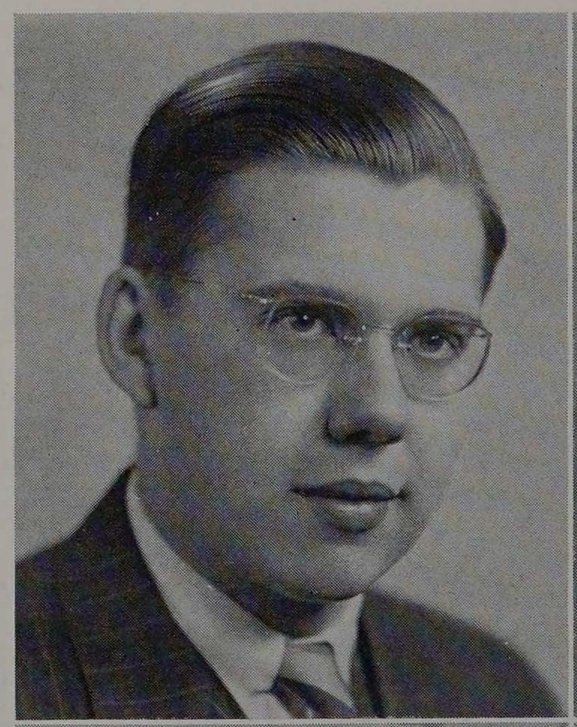
John C. Balsewick
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4, Treasurer 4; Rifle Club 1; Junior Commissioner; Chi Epsilon, President 3, Vice President 4; Tennis, Assistant Mgr. 3, Mgr. 4; Wrestling 1, 2, 3, 4.

Robert J. Bartusek
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; W.S.E. Representative 3; Junior Commissioner; Tech News 1, 2, 3, 4, Assignment Editor 3, News Editor 4; Glee Club 2, 3, 4; Pi Tau Sigma 3, 4, Secretary 4; Tau Beta Pi 4; Sphinx 3, 4; Armour Players 3.

Ernest Basic
Cicero, Illinois
B.S. in Electrical Engineering
Morton Junior College; A.I.E.E. 3, 4; Dance Club 3, 4; S.A.M.

Joseph Benz, Jr.
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3; Track 2.

Casimir L. Bigos
Chicago, Illinois
B.S. in Chemical Engineering
W.S.E. Representative 3; A.I.Ch.E. 2, 3, 4; Orchestra 3, 4; Alpha Chi Sigma.





Sidney Bleaden
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Dance Club 3, 4.

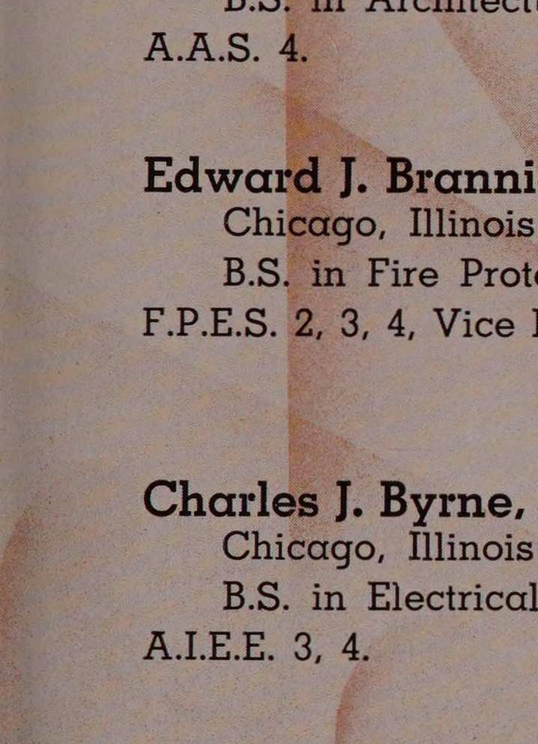
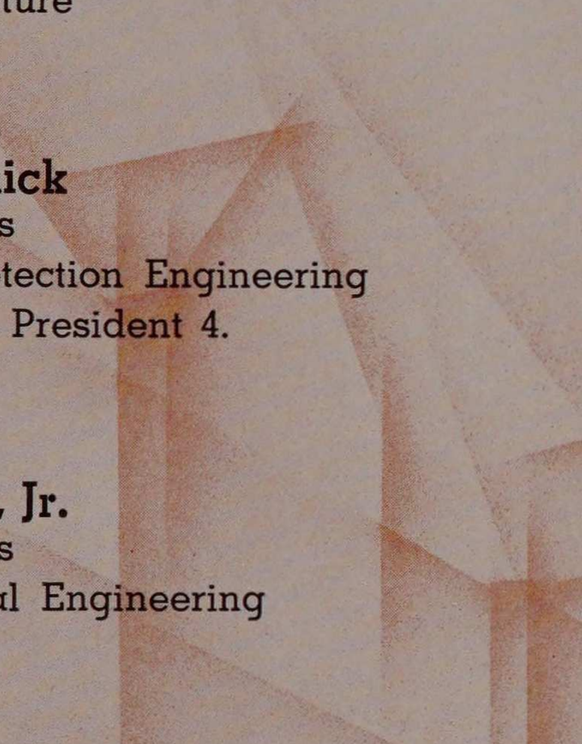
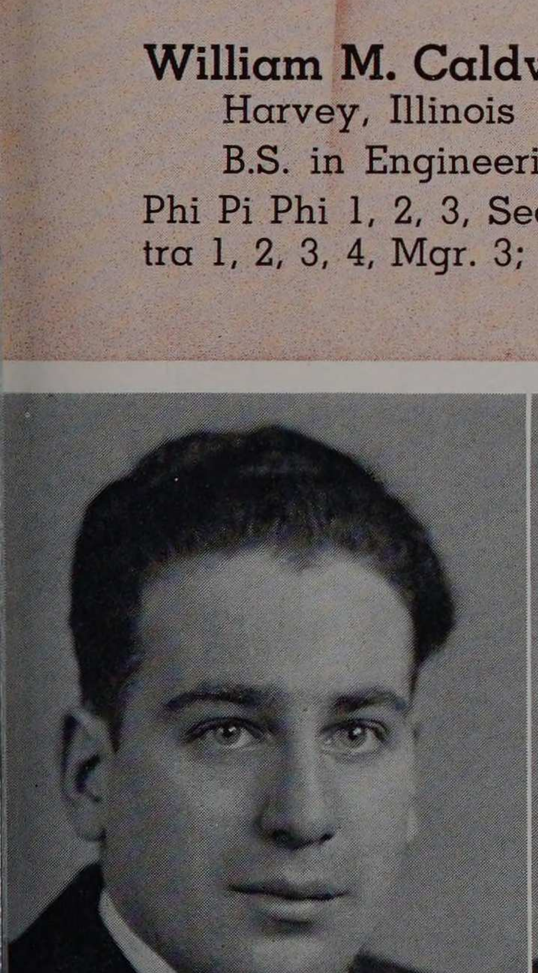
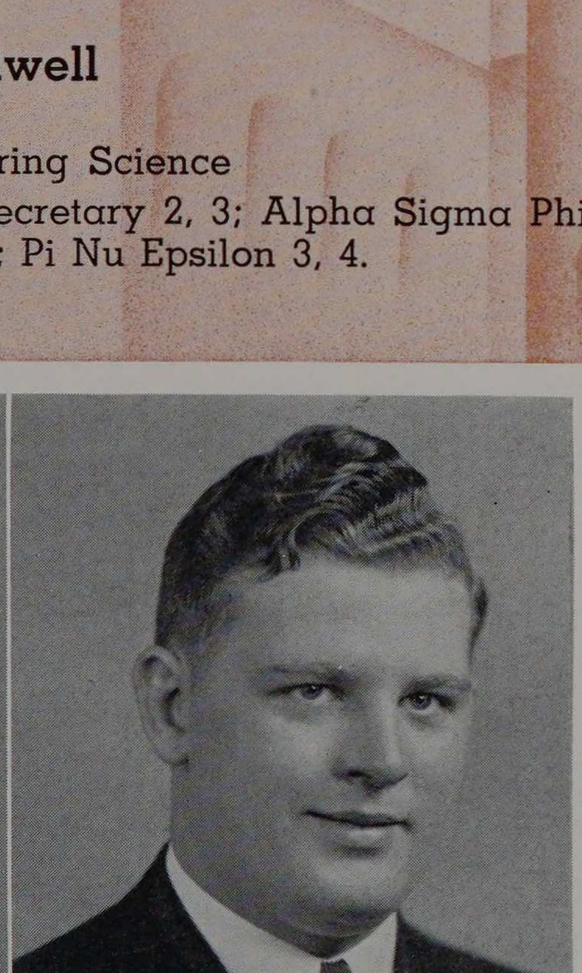
LeRoy O. Blume
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Wrestling 4.

Charles V. Bouland
Chicago, Illinois
B.S. in Architecture
A.A.S. 4.

Edward J. Brannick
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 2, 3, 4, Vice President 4.

Charles J. Byrne, Jr.
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4.

William M. Caldwell
Harvey, Illinois
B.S. in Engineering Science
Phi Pi Phi 1, 2, 3, Secretary 2, 3; Alpha Sigma Phi 4; Orchestra 1, 2, 3, 4, Mgr. 3; Pi Nu Epsilon 3, 4.

Marvin Camras
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Cap and Gown Committee 4; Tech News 2, 3, 4; Eta Kappa Nu 3, 4; Tau Beta Pi 3, 4; Rho Epsilon 3, 4; Honor Marshall 2, 3.

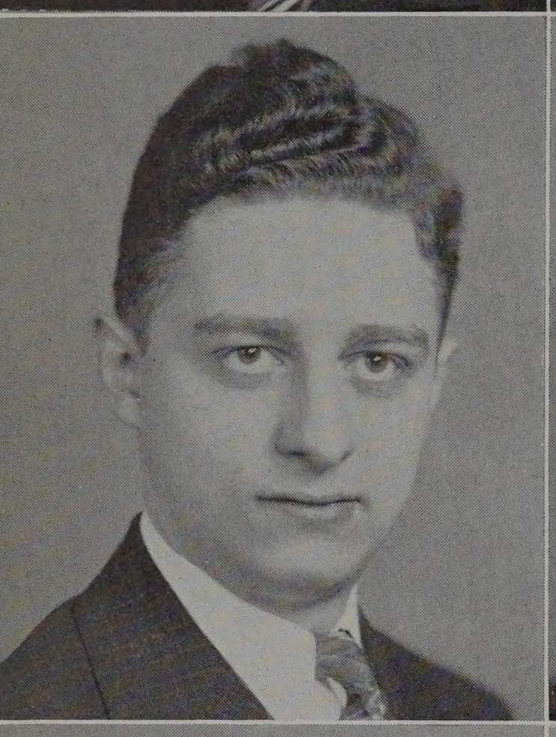
Russell Cannon
Chicago, Illinois
B.S. in Mechanical Engineering

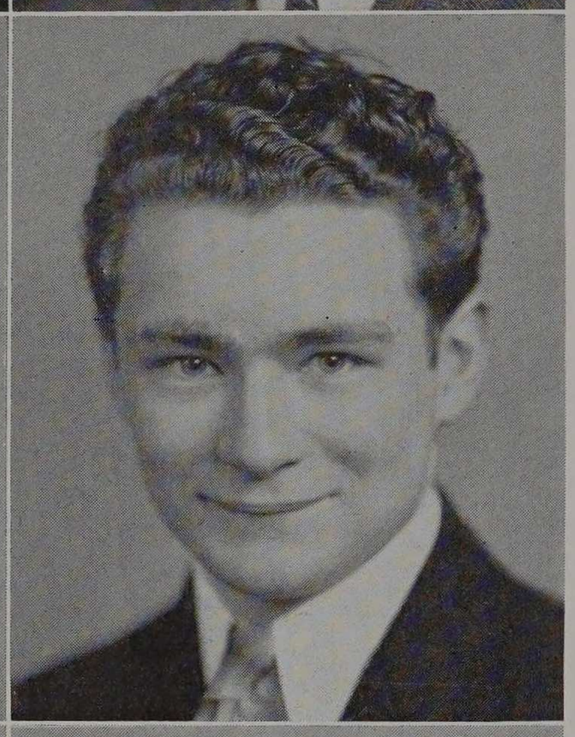
John Catlin
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 1, 2, 3, 4, Secretary 4; Pi Tau Sigma 3, 4, Treasurer 4; Honor Marshall; Chess Club; Tau Beta Pi 4.

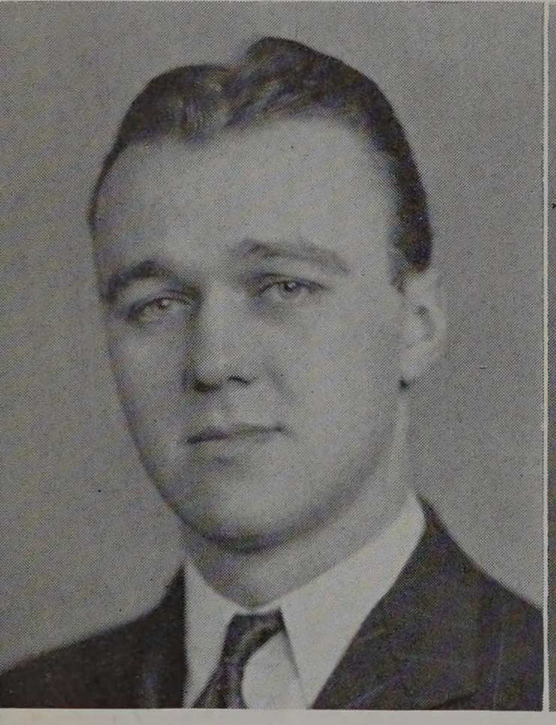
John G. Cerovski
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Phi Pi Phi 1, 2, 3; Alpha Sigma Phi 4, Vice President 3, 4; Commencement Committee 4; Scarab 4; Junior Marshall; Track 2, 3, 4, Co-Captain 4.

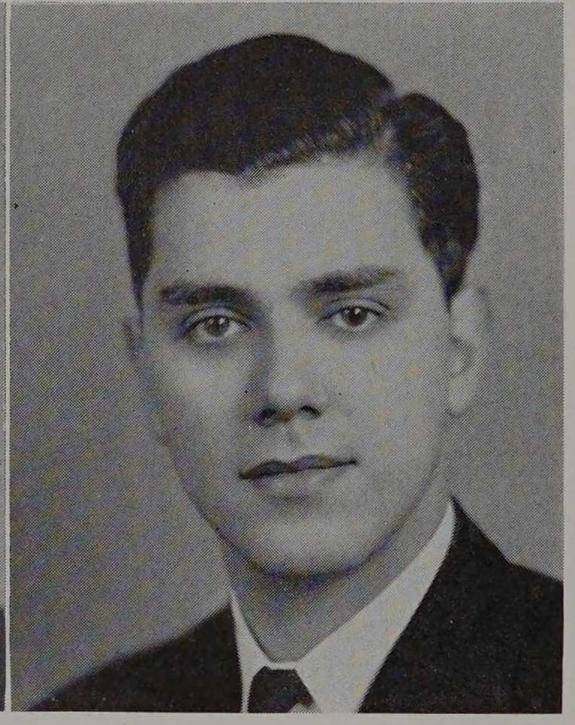












Walter L. Dahl
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 2, 3, 4; Cycle 3, 4.

Harold J. Dahlin
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Dance Club 2; Glee Club 4; Freshman Basketball.

Griffith E. Damm
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Radio Club 1; Cap and Gown Committee 4; Eta Kappa Nu 3, 4.

George Danforth
La Harpe, Kansas
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Glee Club 1, 2, 3, 4; Orchestra 2, 3, 4; Scarab 2, 3, 4, Treasurer 3; Pi Nu Epsilon 3, 4, President 3; Armour Players 1, 2, 3; Guild 3; Gamma Theta 4.

J. Donald Charlton
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Phi Kappa Sigma 1, 2, 3, 4, President 3, Vice President 4; Social Committee 2, 3, Chairman 3; Orchestra 1, 2, 3, 4, Secretary-Treasurer 4; Alpha Chi Sigma 3, 4; Pi Nu Epsilon 3, 4, Vice President 4; Interfraternity Council 3; Basketball 2; Tennis 1, 2; Freshman Basketball; Curriculum Advisory Committee 4; Dance Orchestra 3, 4.

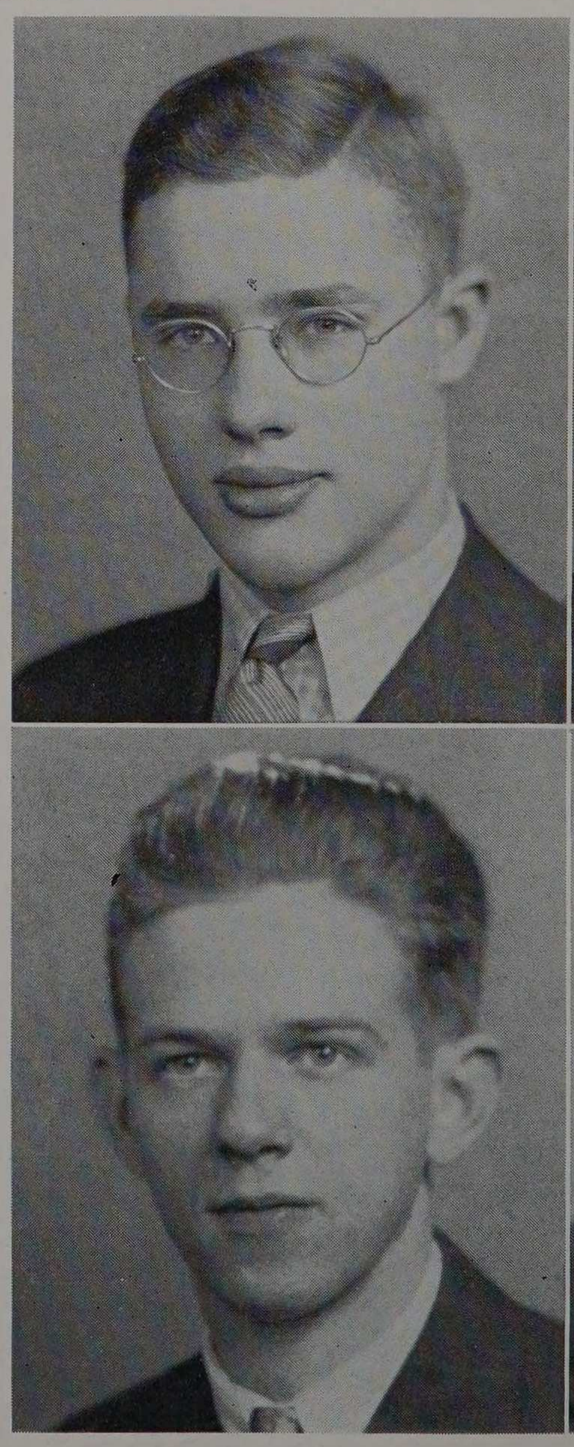
Jack A. Clark
Chicago, Illinois
B.S. in Mechanical Engineering
Dance Club 3; A.S.M.E. 4; Phi Kappa Sigma 2, 3, 4, Vice President 2, President 3; Social Committee 3, 4; Honor A 3, 4, Vice President 4; Interfraternity Council 3, 4; Head Marshall 3; Cycle 2, 3, Organization Editor 3; Track 2, 3, 4, Co-Captain 4; A.T.S.A. 4, President; Sphinx 3, 4; Black Knight 4.

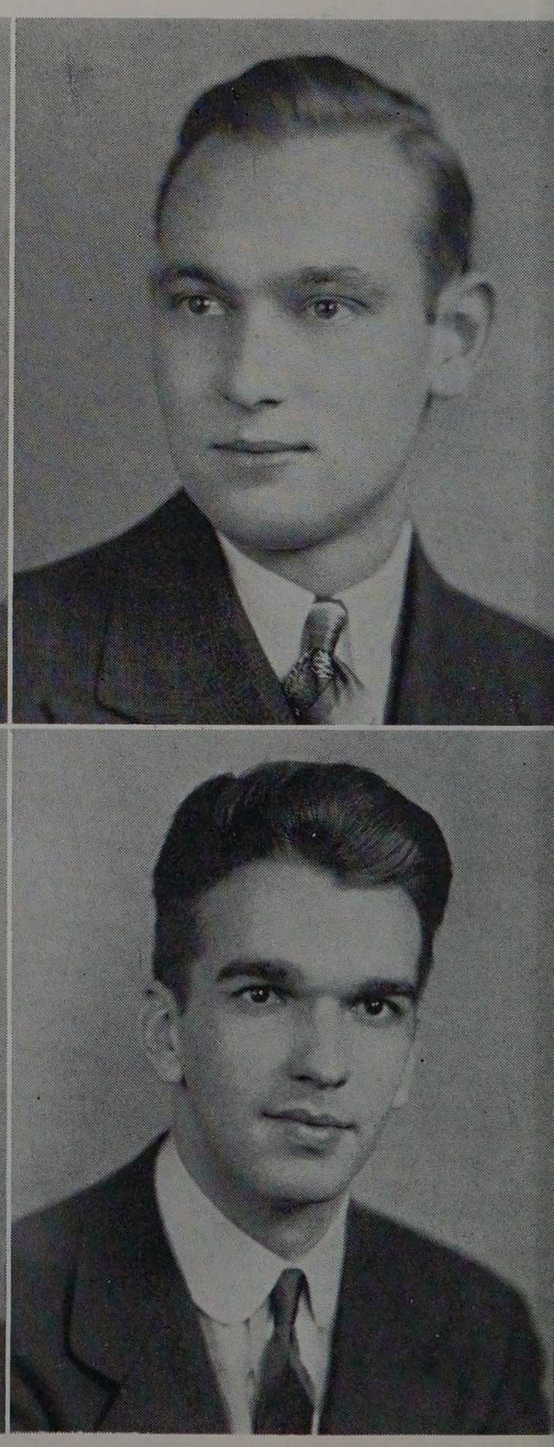
Jack I. Cohen
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Rho Delta Rho 1, 2, 3, 4.

Walter S. Collins
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Boxing 1, 2, 3, 4.

Robert J. Collopy
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Commencement Committee 4; Alpha Chi Sigma 2, 3, 4; Phi Lambda Upsilon 4.

Peter L. Constan
Chicago, Illinois
B.S. in Mechanical Engineering





Clayton W. De Ment
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 1, 2, 3, 4; Phi Pi Phi 1, 2, 3, Treasurer 2; Orchestra 1, 2; Beta Omega Nu 2, 3, 4; Interfraternity Council 2; Wrestling Mgr. 4; A.T.S.A. 2nd Vice President 4.

Oliver N. Dickerhoof
Chicago, Illinois
B.S. in Mechanical Engineering
Pi Kappa Phi 1, 2, 3, 4.

Harold Doolittle
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Social Committee 4; Tech News 3; Orchestra 1, 2, 3, 4, President 4; Alpha Chi Sigma 3, 4, Vice President 4; Pi Nu Epsilon 3, 4, President 4; Armour Players 4; Interhonorary Council 4; Dance Orchestra 3, 4.

James W. Duncan
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 4; Dance Club 2, President; Delta Tau Delta 4; Armour Players 2; Gamma Theta 4; Cycle 1.

Irving J. Dzikowski
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 3, 4; Tech News 1, 2, 3, Desk Editor 3; Sphinx 4; Baseball, Jr. Manager 3.

John G. Eggers
Chicago, Illinois
B.S. in Fire Protection Engineering
W.S.E. Representative 3; F.P.E.S. 2, 3, 4; Junior Marshall; Basketball 2, 3.



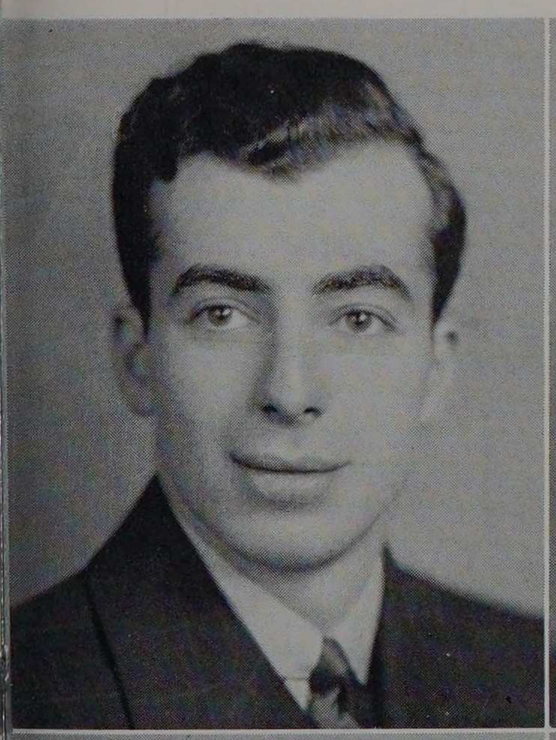


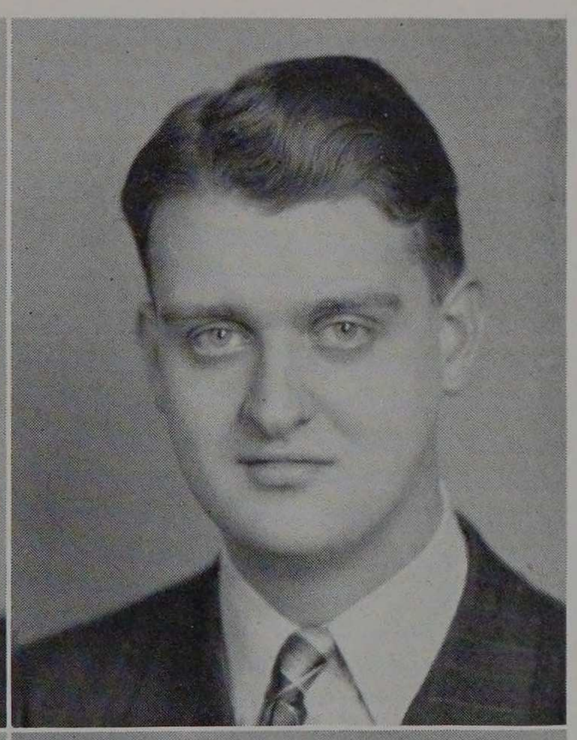


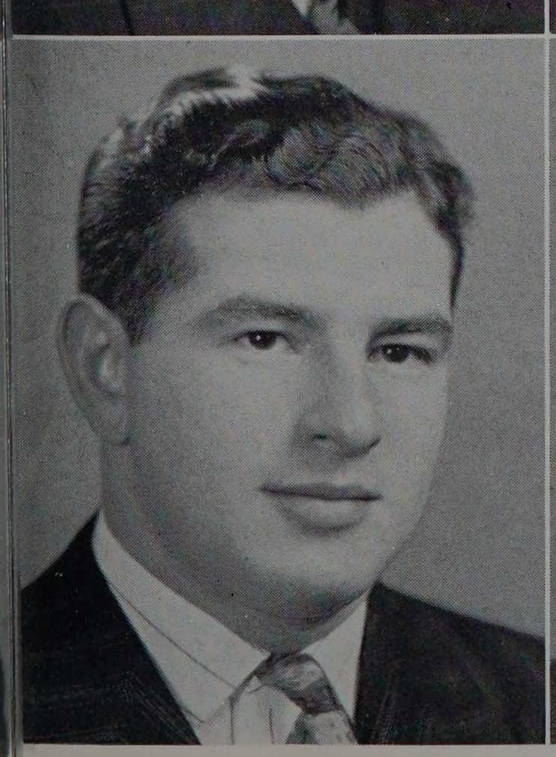


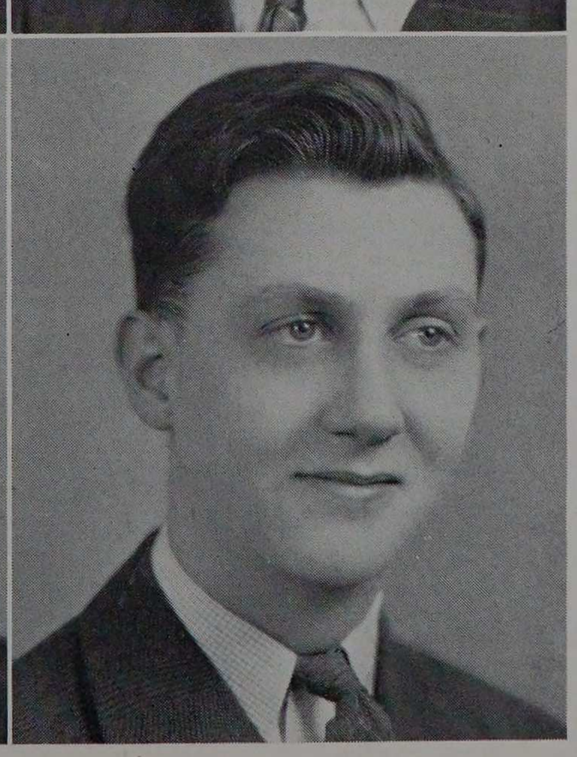










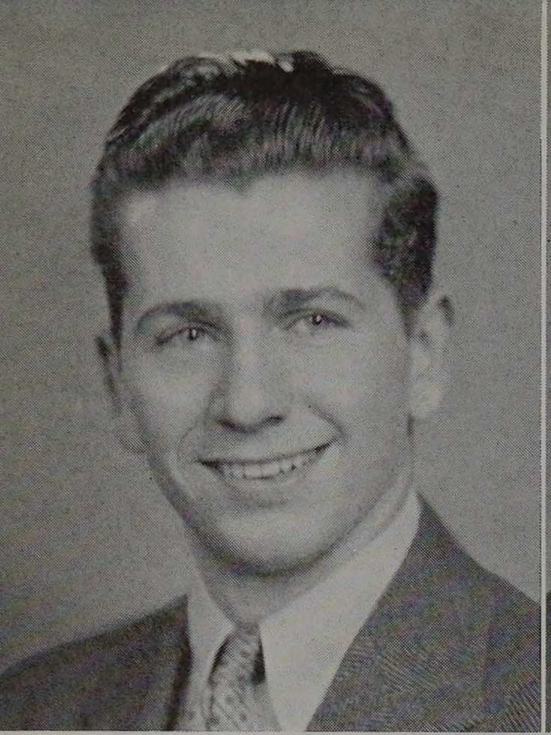


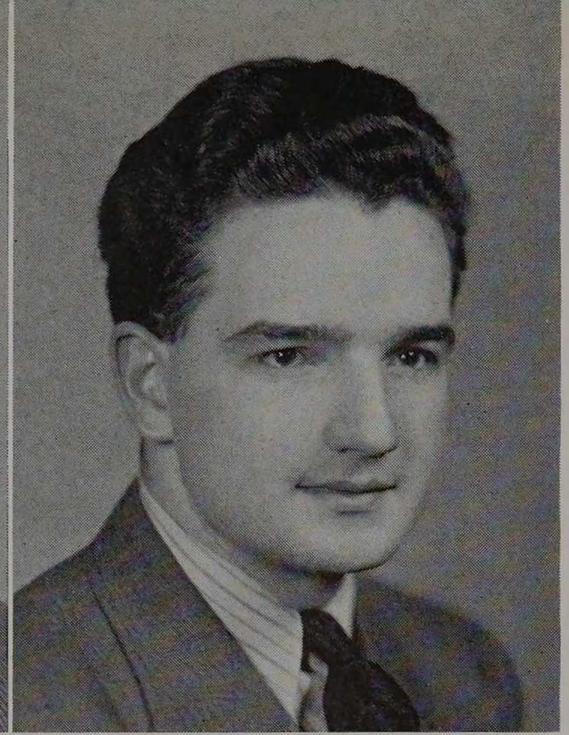
Leonard Elgenson
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4, Secretary 4; Tech News 3, 4.

Frederick I. Ellin
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Rho Epsilon.

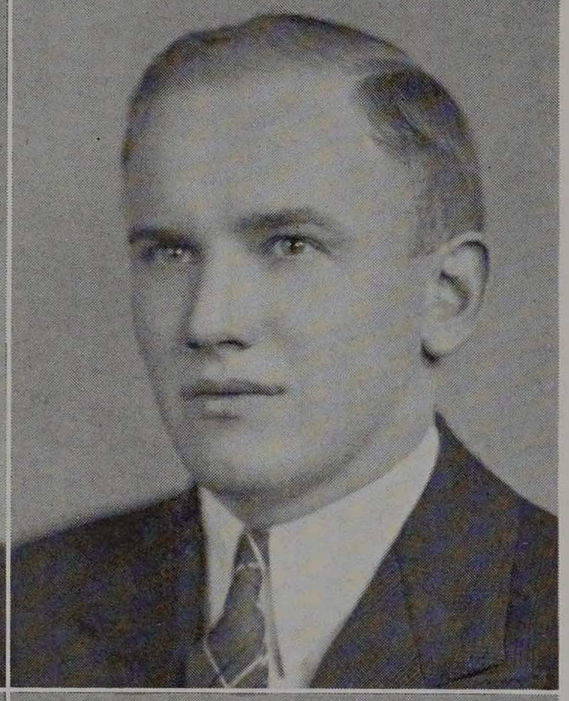
Leon Epstein
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Dance Club 2, 3; Rho Delta Rho 1, 2, 3, 4, Secretary 3, President 4; Cap and Gown Committee 4; Pi Tau Sigma 3, 4; Armour Players 3, 4; Interfraternity Council 4; Freshman Basketball.

Ralph J. Erisman
Oak Park, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Jewelry Committee Chairman 4; Tech News 1, 2, 3, 4, Circulation Mgr. 3; Pi Tau Sigma 4; Gamma Theta 4; Armour Players 1, 2, 3, 4, President 3; Junior Marshall; Cycle 2, 3, 4, Advertising Mgr. 3, Business Mgr. 4; Track 1, 2, 3, 4, Mgr. 4; Sphinx 3, 4, Secretary-Treasurer 4.













Charles R. Eulo
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Class Secretary 3, 4; Orchestra 1, 2, 3, 4; Pi Tau Sigma 4; Pi Nu Epsilon 3, 4.

James Fahey
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 2, 3, 4; Jewelry Committee 4; Tech News 2, 3, 4, Sports Ed. 3; Alpha Chi Sigma 3, 4; Basketball 3, 4; A.T.S.A. 2; Sphinx 3, 4.

Alfred Faulkner
Chicago, Illinois
B.S. in Electrical Engineering

John C. Fiebig
Homewood, Illinois
B.S. in Civil Engineering
Thorton Junior College 1; A.S.C.E. 3, 4; Dance Club 3; Photography Committee 4.

Edgar R. Firant
Chicago, Illinois
B.S. in Architecture
Wilson Junior College; University of Illinois; A.A.S. 3, 4.

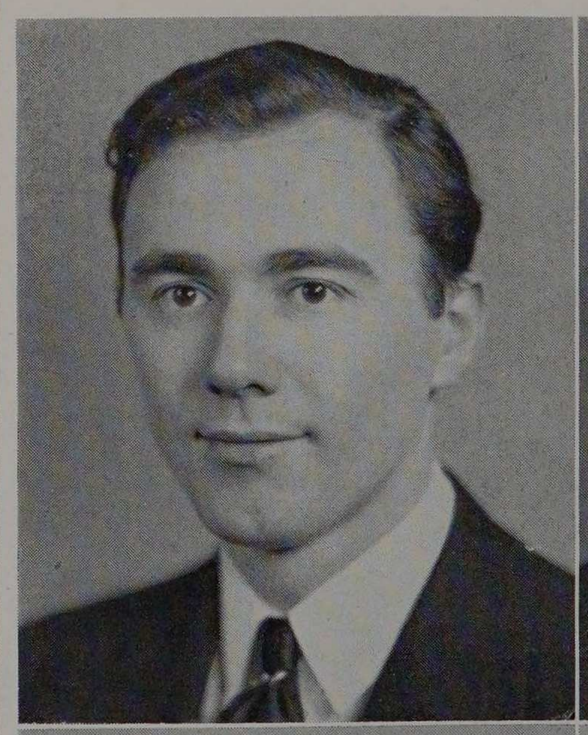
James G. Flood
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E.; Senior Photography Committee.

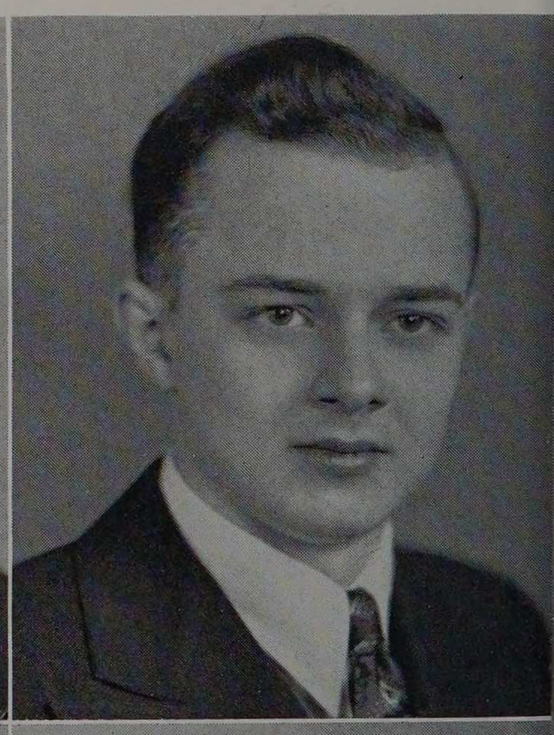
Paul Foss, Jr.
Chicago, Illinois
B.S. in Chemical Engineering
Glee Club 2, 3, 4; Pi Nu Epsilon 4; S.A.M.

Eugene E. Foster
Homewood, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 4; Radio Club 2; Rifle Club 2; Golf 3; S.A.M. 3; Interhonorary Council 4.

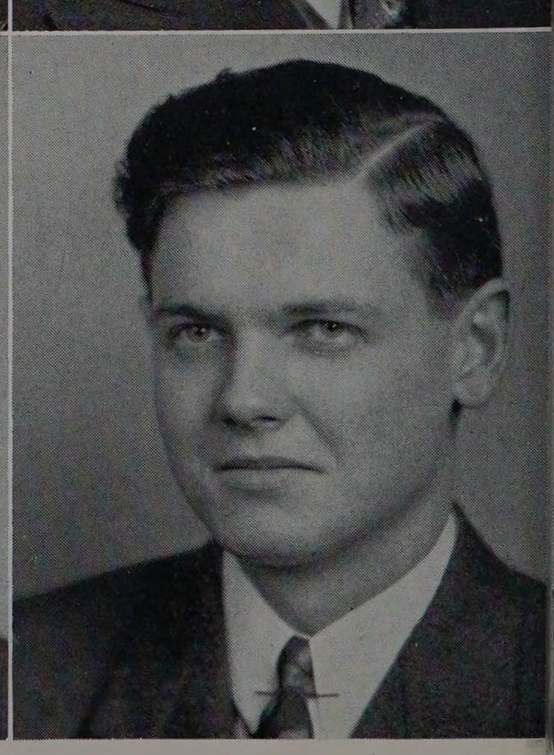
Robert Foster
Dolton, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Orchestra 1, 2,; Golf 1, 2.

John J. Fox, Jr.
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Delta Tau Delta 1, 2, 3, 4, Vice President 3, 4; Scarab 2, 3, 4; Interfraternity Council 3, 4; Golf 2, 3, 4; Freshman Basketball.









Edmund A. Francone
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Dance Club 2, 3, 4; Tech News 3, 4; Glee Club 3, 4; Orchestra 1, 2; Swimming 4.

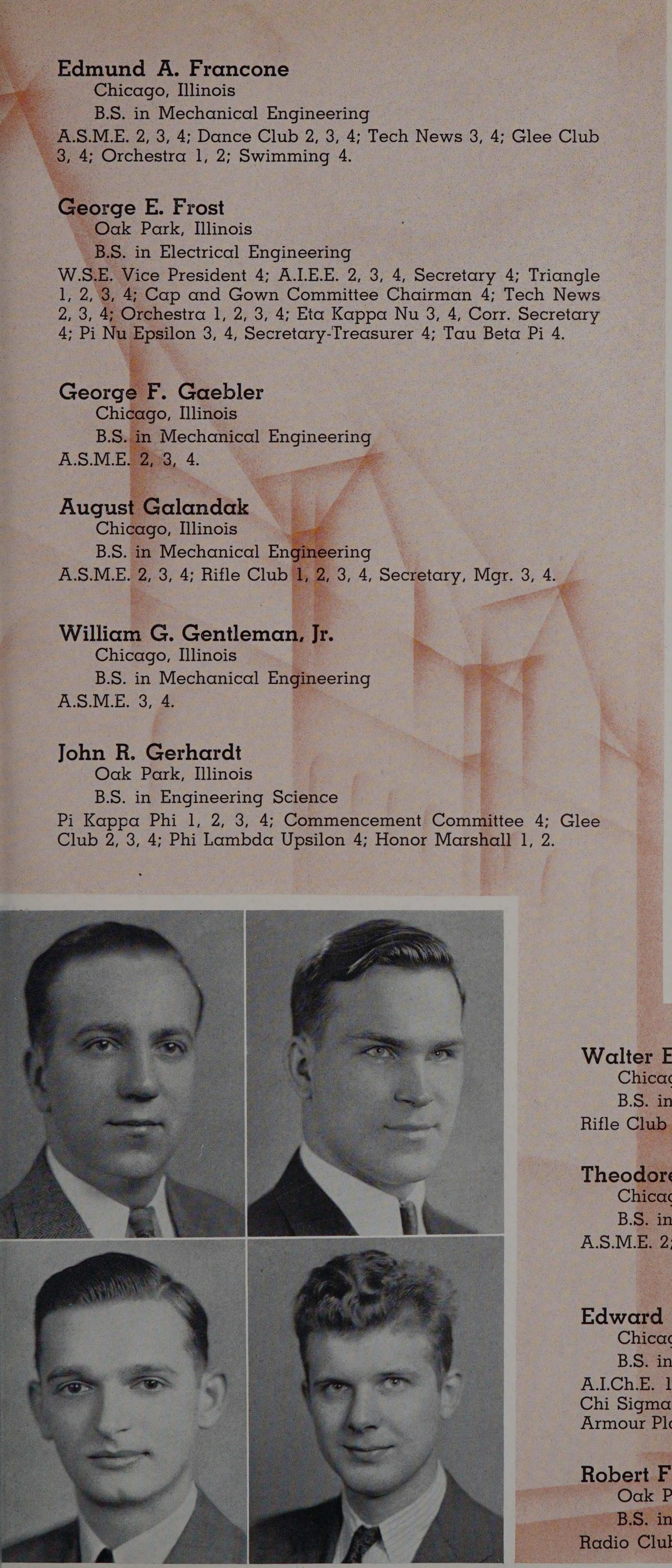
George E. Frost
Oak Park, Illinois
B.S. in Electrical Engineering
W.S.E. Vice President 4; A.I.E.E. 2, 3, 4, Secretary 4; Triangle 1, 2, 3, 4; Cap and Gown Committee Chairman 4; Tech News 2, 3, 4; Orchestra 1, 2, 3, 4; Eta Kappa Nu 3, 4, Corr. Secretary 4; Pi Nu Epsilon 3, 4, Secretary-Treasurer 4; Tau Beta Pi 4.

George F. Gaebler
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4.

August Galandak
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Rifle Club 1, 2, 3, 4, Secretary, Mgr. 3, 4.

William G. Gentleman, Jr.
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4.

John R. Gerhardt
Oak Park, Illinois
B.S. in Engineering Science
Pi Kappa Phi 1, 2, 3, 4; Commencement Committee 4; Glee Club 2, 3, 4; Phi Lambda Upsilon 4; Honor Marshall 1, 2.





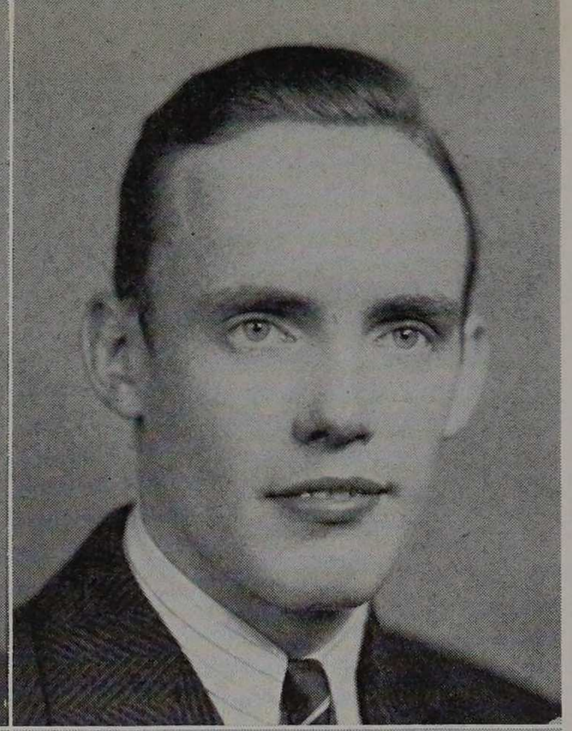
Walter E. Goluska
Chicago, Illinois
B.S. in Civil Engineering
Rifle Club 2; A.S.C.E. 3, 4.

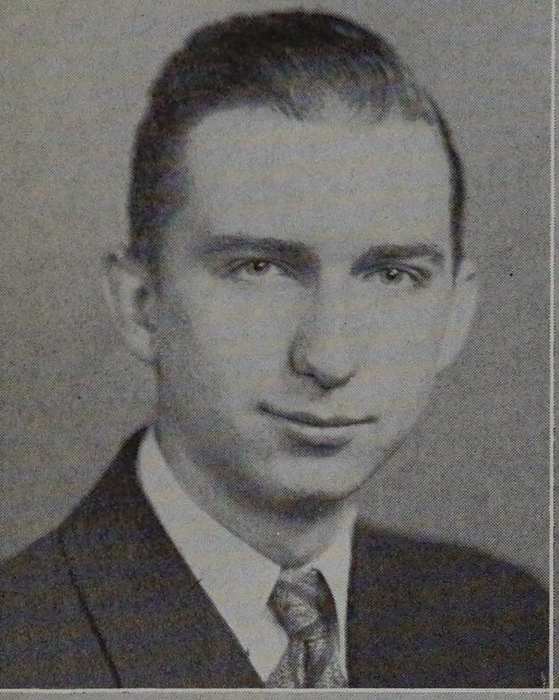
Theodore Gromak
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2; Orchestra 2; Pi Nu Epsilon 4.

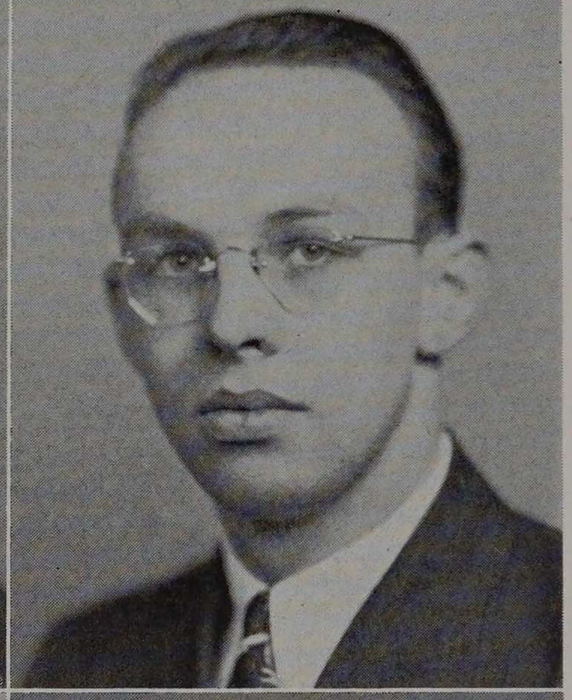
Edward P. Gruca
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 2, 3, 4; Dance Club 3, 4; Tech News 3, 4; Alpha Chi Sigma 2, 3, 4; Phi Lambda Upsilon 3, 4, Vice President 4; Armour Players 3, 4; Baseball Mgr. 3, 4; Math Club 1, 2.

Robert F. Grunwald
Oak Park, Illinois
B.S. in Electrical Engineering
Radio Club; Camera Club; Senior Photography Committee.













Joseph T. Heller
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Rho Delta Rho 1, 2, 3, 4, Secretary 4; Track 3.

Donald F. Herdman
Chicago, Illinois
B.S. in Electrical Engineering
Orchestra.

Fred A. Himelmayr
Rushville, Indiana
B.S. in Electrical Engineering

Frederick D. Holle
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Dance Club 3, 4, Secretary-Treasurer 4; Tech News 3; Glee Club 3, 4; Baseball 2, 3, 4; S.A.M. 4.

George P. Hanna, Jr.
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4, President 4; Triangle 2, 3, 4; Chi Epsilon 3, 4; Tau Beta Pi 4; Honor A 3, 4; Beta Omega Nu 2, 3, 4, Vice President 3, President 4; Wrestling 1, 2, 3, 4, Captain 4; Student Union Board of Control 3; Black Knight 4.

Arthur G. Hansen, Jr.
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Rifle Club 1; Jewelry Committee 4; Tech News 2, 3, 4; Glee Club 3, 4; Sphinx 4; Armour Players 3, 4; Cycle 4; Senior Curriculum Committee.

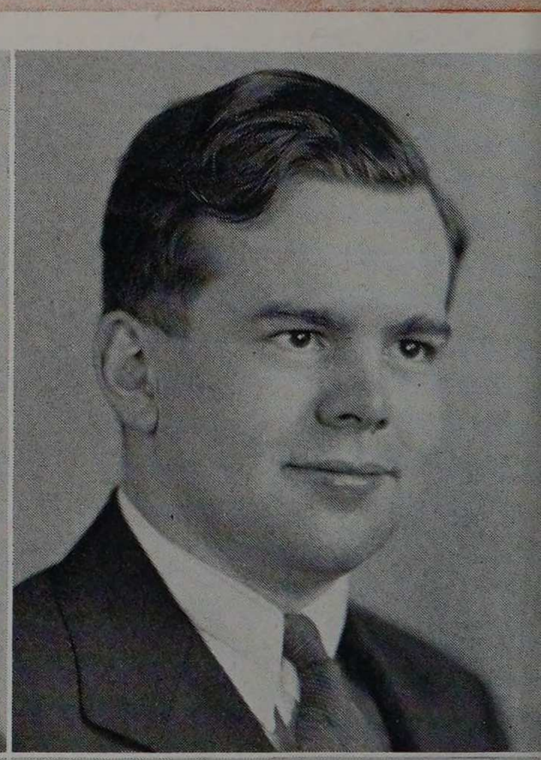
John W. Hartman
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Junior Commissioner; Commencement Committee 4; Tech News 2, 3; Eta Kappa Nu 3, 4, Treasurer 4; Boxing 4.

Vern J. Hassell
Oak Park, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 2, 3, 4; W.S.E. Representative 3; Triangle 1, 2, 3, 4, Secretary 2, President 4; Social Committee 4; Glee Club 1, 2, 3, 4; Orchestra 2; Pi Nu Epsilon 3, 4; Interfraternity Council 4.

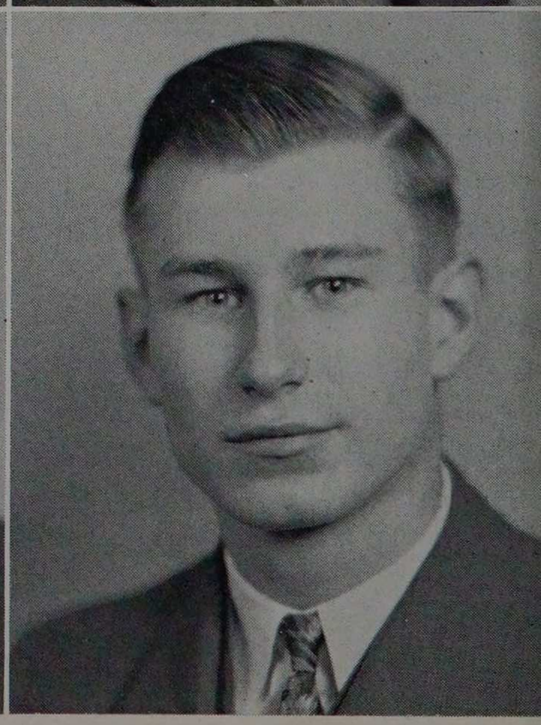
William A. Haubert
Park Ridge, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Delta Tau Delta 1, 2, 3, 4, Secretary 3; Glee Club 2, 3, 4; Armour Players 3, 4; Beta Omega Nu 2, 3, 4.

Sidney A. Heenan
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 2, 3, 4; Announcement Committee Chairman 4; Tech News 2, 3, 4; Alpha Chi Sigma 3, 4; Phi Lambda Upsilon 3, 4; Tau Beta Pi 3, 4; Junior Marshall; Engineer and Alumnus 2, 3; Honor Marshall 2, 3.









Edward H. Horn
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Social Committee 1; Announcement Committee 4; Eta Kappa Nu 4.

William D. Horton
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Delta Tau Delta 1, 2, 3, 4, Vice President 4; Photography Committee 4; Scarab 3, 4; Beta Omega Nu 2, 3, 4, President 3; Interfraternity Council 3; Cycle 1, 4, Art Ed. 4; Wrestling Mgr. 3; Armour Eye 3, 4.

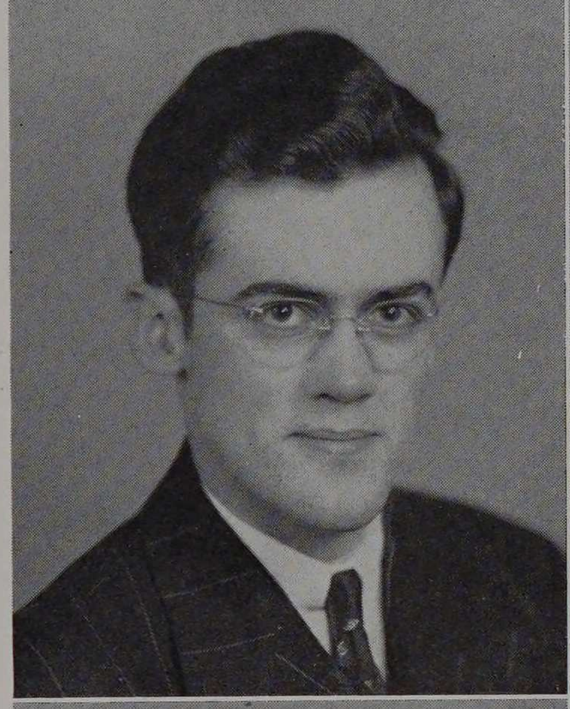
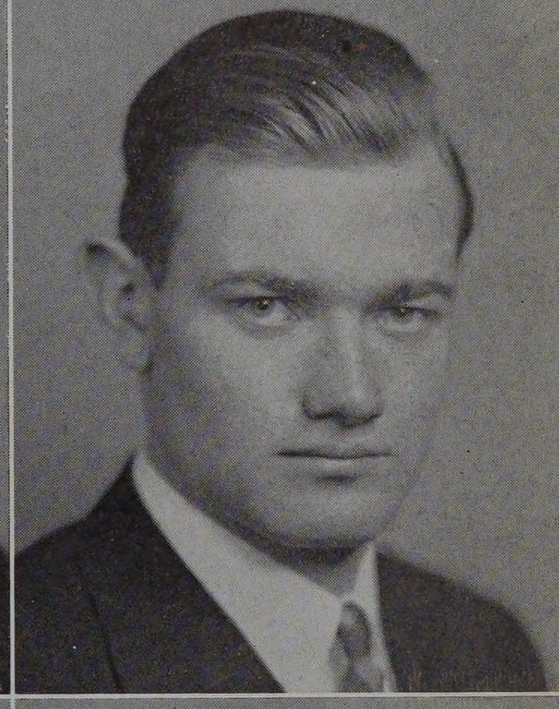
Thomas A. Hunter
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 2, 3, 4, Treasurer 3; Rifle Club 1; Announcement Committee 4; Tech News 2, 3, 4, Editor in Chief 4; Salamander 3, 4; Tau Beta Pi 3, 4; Sphinx 3, 4, President 4; Gamma Theta 3, 4; Armour Players 2, 3, 4; Cycle 3, 4; Black Knight 4; Honor Marshall 1, 2, 3; Interhonorary Council 4; Senior Curriculum Committee.

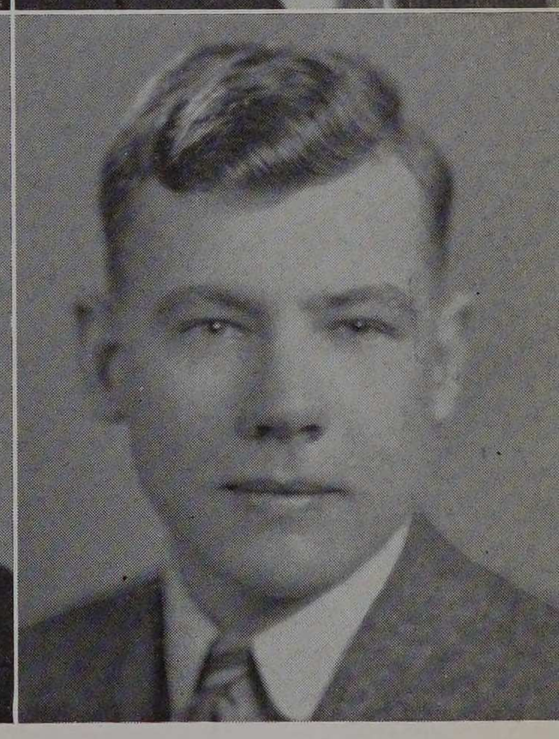
William C. Hutton
Hammond, Indiana
B.S. in Architecture
A.A.S. 2, 3, 4, President 4; Delta Tau Delta 1, 2, 3, 4; Social Committee 3; Jewelry Committee 4; Scarab 3, 4, President 4; Black Knight 4.

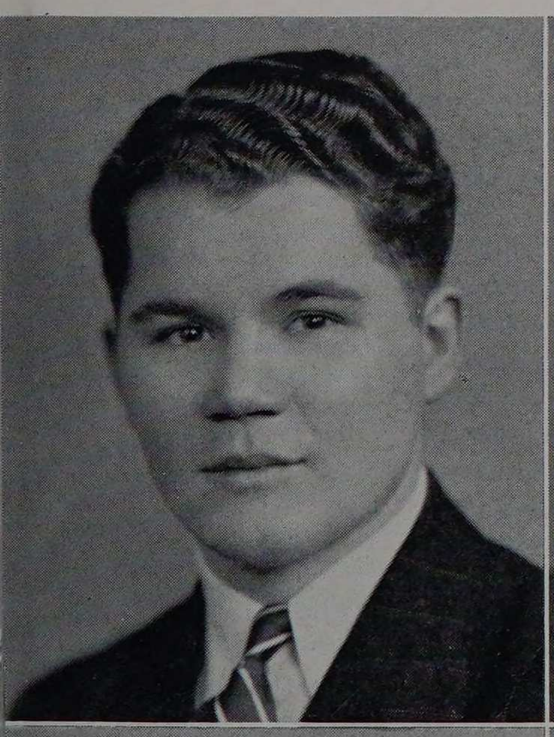
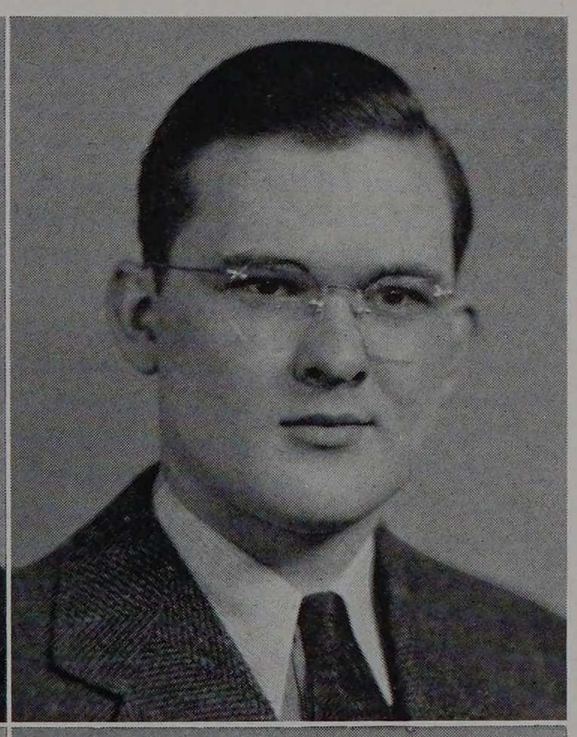
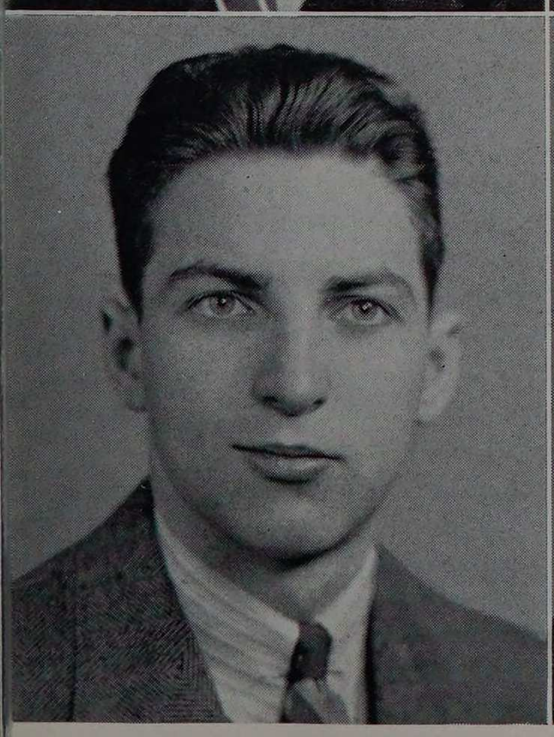
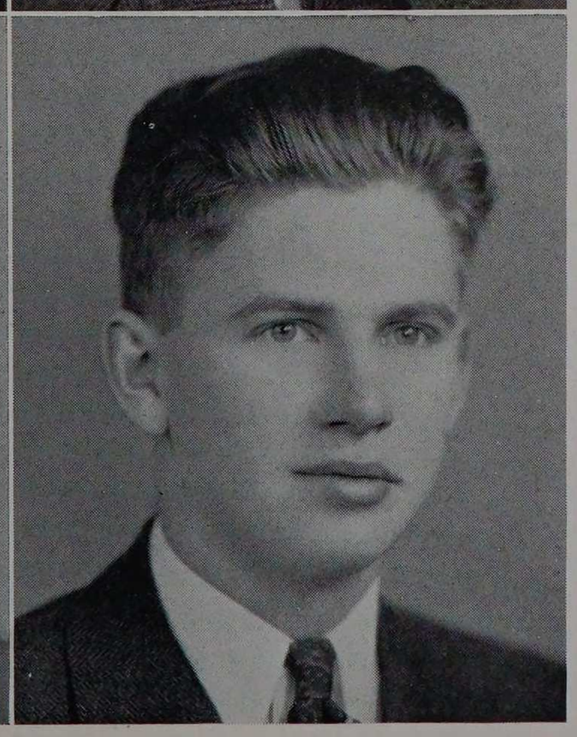
Louis S. Jacobs
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Rho Delta Rho 2, 3, 4, Vice President 3; S.A.M. 4; A.S.C.E. 3, 4.

Gilbert H. Jaedtke
Blue Island, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4; Jewelry Committee 4; Basketball 2; Freshman Basketball.





Alexander A. Jakobowski
Chicago, Illinois
B.S. in Architecture
A.A.S. 2.

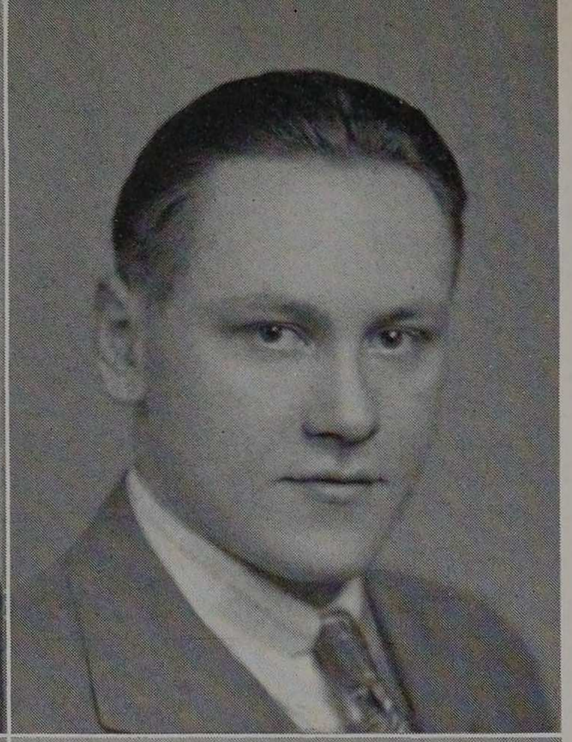
Peter Johnson, Jr.
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Eta Kappa Nu 3, 4, Vice President 4.

Walter H. Kahl
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 3, 4; Alpha Chi Sigma, President 4; Armour Players.

Eugene J. Kalnin
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E.; Alpha Chi Sigma; Tech News, Copy Editor 3; Engineer and Alumnus 2, 3; Cycle 4.



Constantine A. Kazmierowicz
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 3, 4; Alpha Chi Sigma 3, 4; Phi Lambda Upsilon 4; Honor A 3, 4; Wrestling 1, 2, 3, 4; Tau Beta Pi 4.



Stanley G. Klamka
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Dance Club 2, 3; Boxing 1.



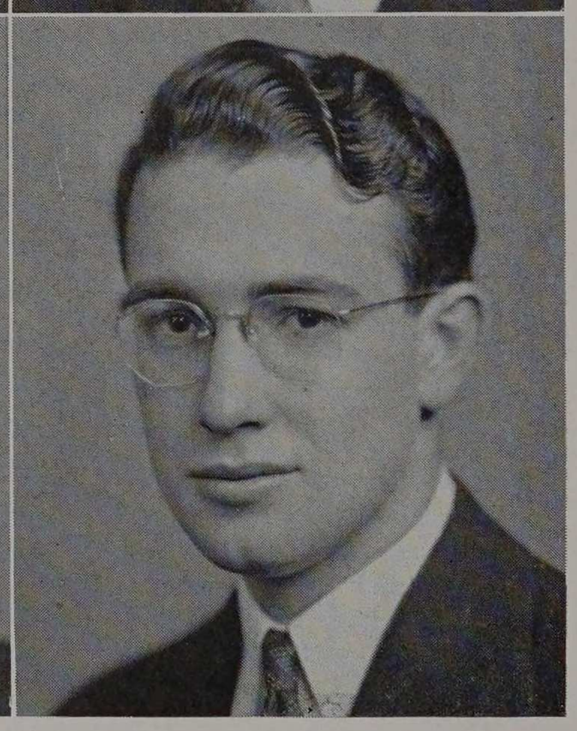
Robert S. Kohn
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Sigma Alpha Mu 1, 2, 3, 4, Secretary 2, Treasurer 3, President 4; Tech News 1, 2, 3; Pi Tau Sigma 3, 4; Interfraternity Council 4; Cycle 4; Honor Marshall 1, 2.



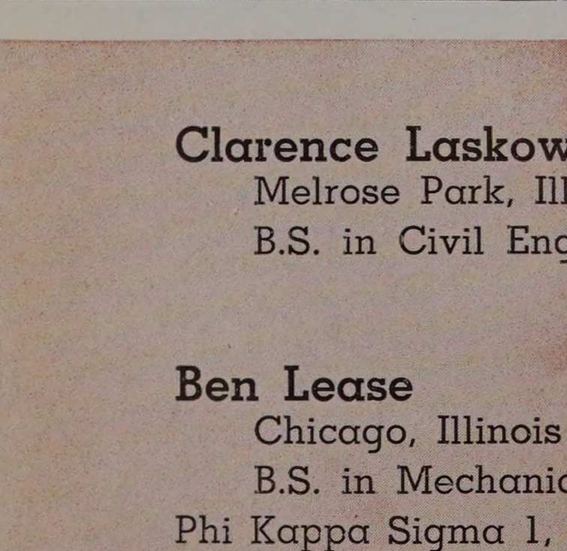
Norbert J. Kotulla
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Boxing 3.



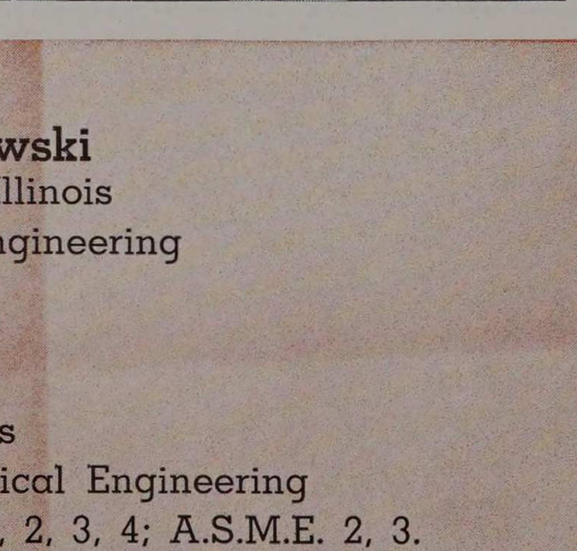
Walter Kreydich
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Glee Club 4; Eta Kappa Nu 4; Baseball 1; Swimming 1.



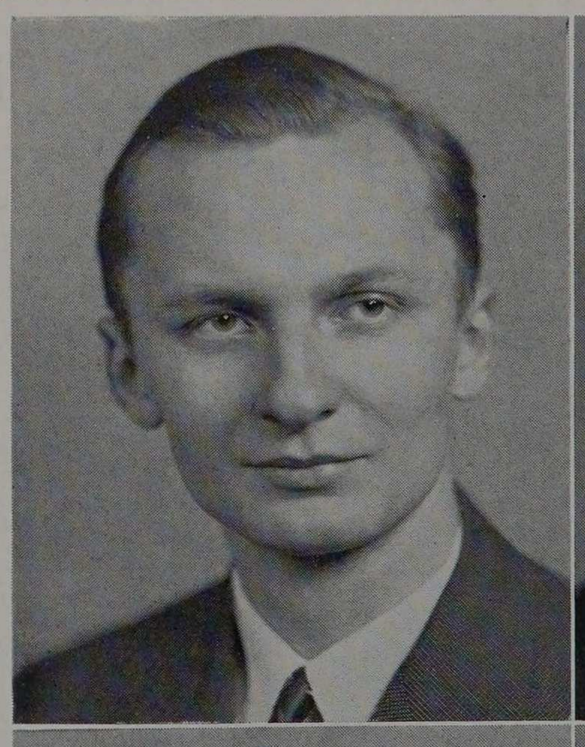
Frank A. Lasker
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Cap and Gown Committee 4; Glee Club 1, 2, 3; Basketball Mgr. 4.



Clarence Laskowski
Melrose Park, Illinois
B.S. in Civil Engineering



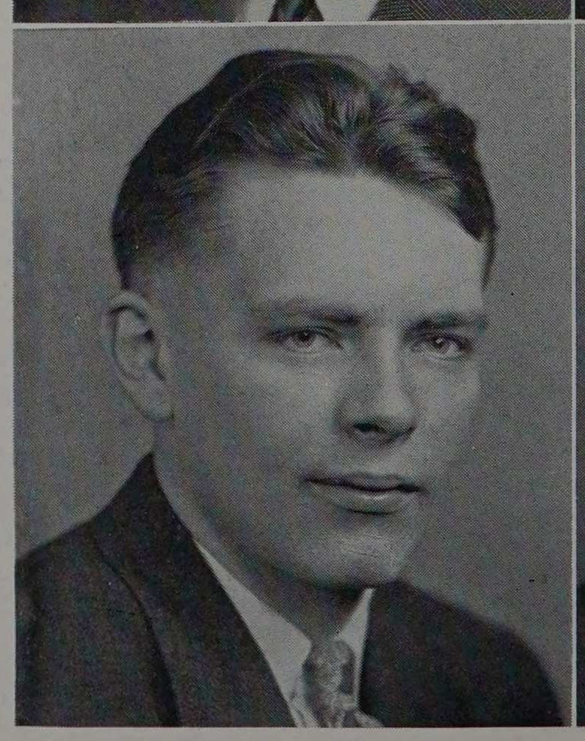
Ben Lease
Chicago, Illinois
B.S. in Mechanical Engineering
Phi Kappa Sigma 1, 2, 3, 4; A.S.M.E. 2, 3.

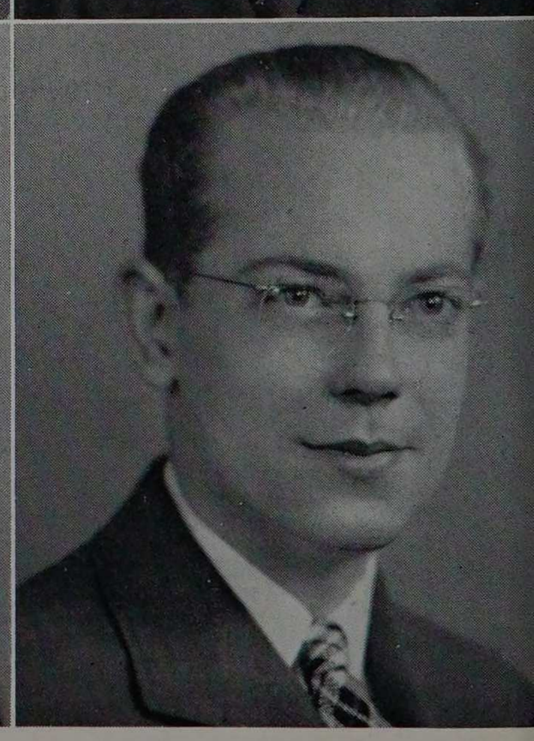


Frank Leonard
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Honor A 3, 4; Baseball 2, 3, 4, Captain 4.



Julian O. Leonhardi
Homewood, Illinois
B.S. in Electrical Engineering
Radio Club 3, 4, President 4; Rho Epsilon 3, 4, President 4.





LeRoy H. Lindgren
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E.; Glee Club 3, 4.

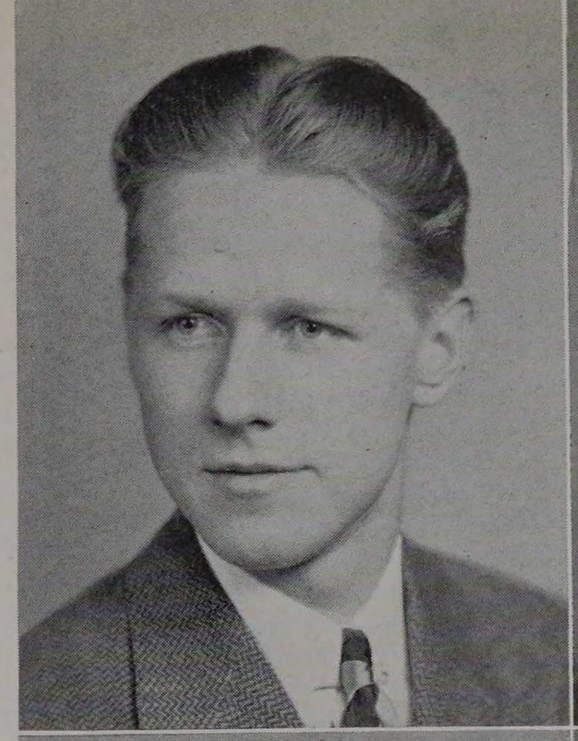
Morton E. Luber
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 4; B.S. in Chemical Engineering 1938.

Lester E. Lundquist, Jr.
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Golf 4.

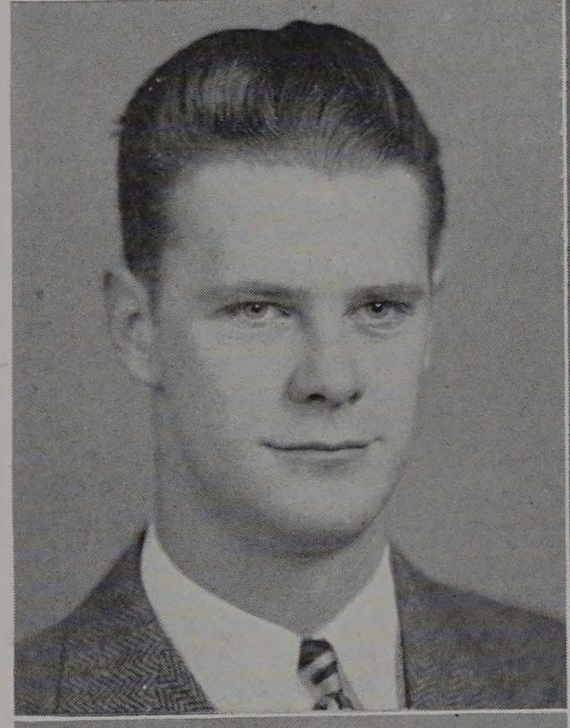
Hardy McDaniel
Oak Park, Illinois
B.S. in Chemical Engineering
Wrestling 1, 2, 3, 4.

James E. McDermott
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4.

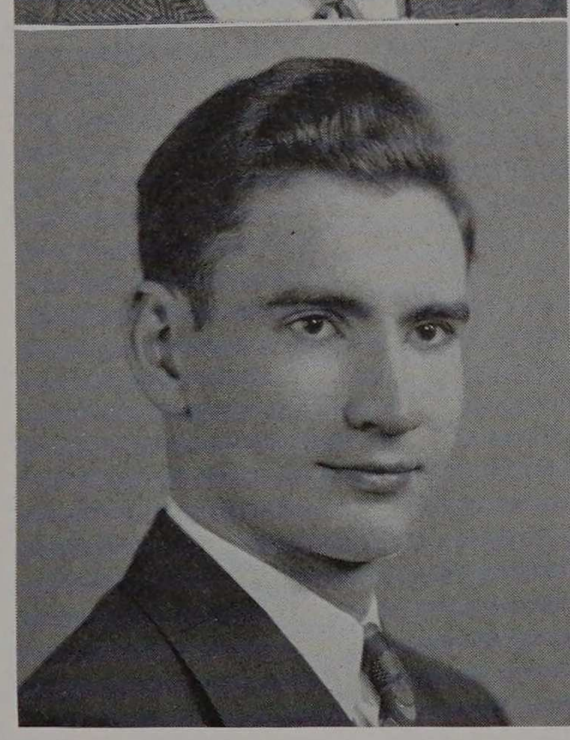
Donald J. Mackey
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4; W.S.E. President 4; Social Committee 4; Tech News 2, 3; Chi Epsilon 3, 4, Vice President 3; Junior Marshall; Golf 1, 2, 3, 4, Mgr. 4; A.T.S.A. 3; Tau Beta Pi 4; Black Knight 4.





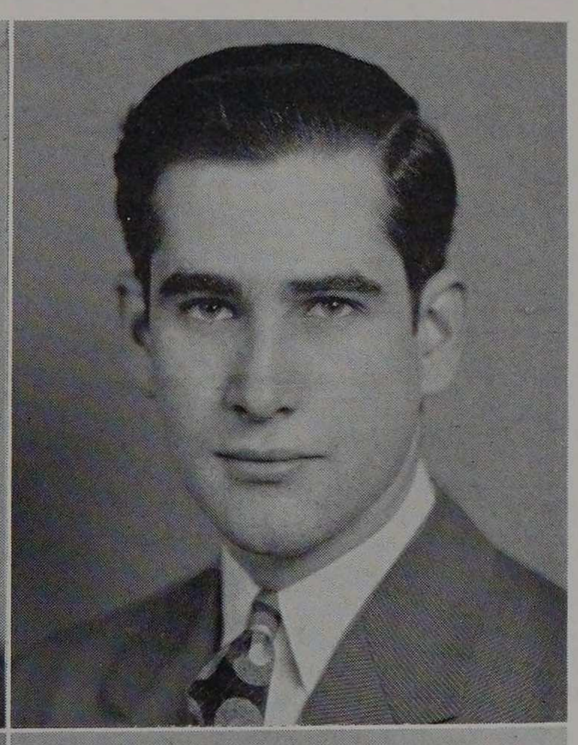


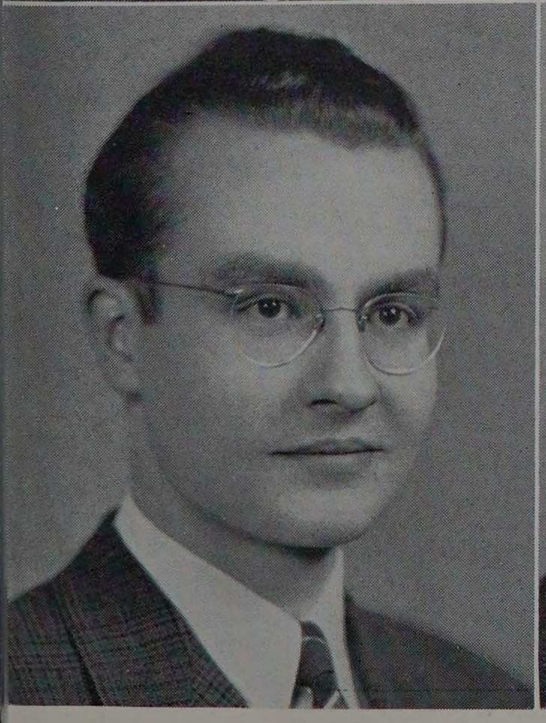


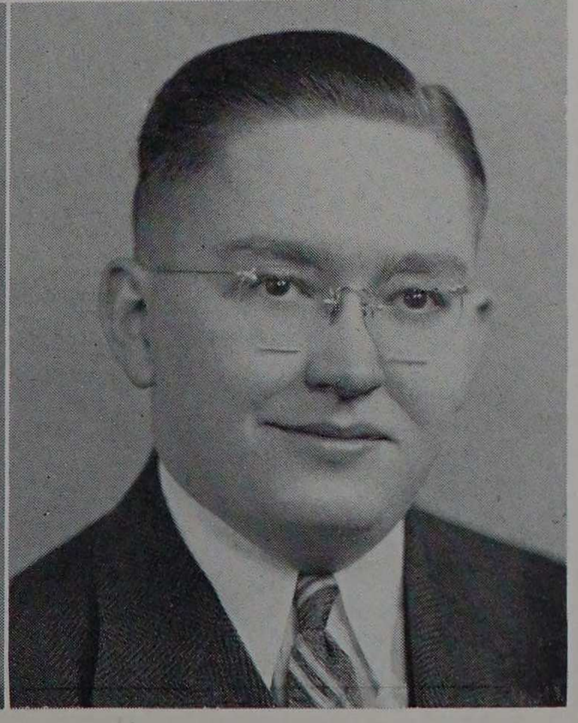












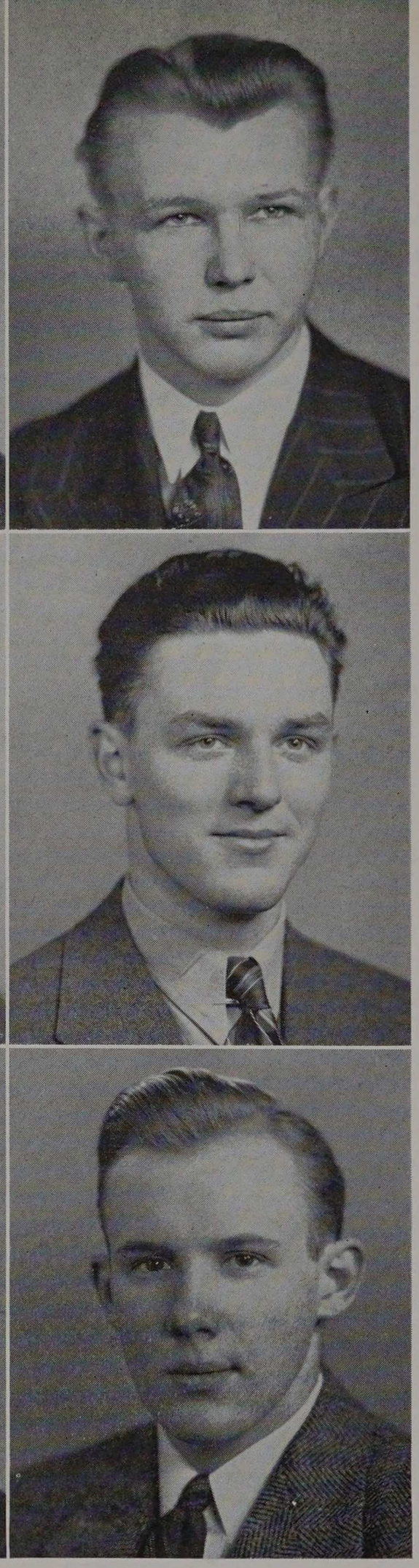
William E. Mackey
Chicago, Illinois
B.S. in Civil Engineering
Tech News 3; Senior Class President; Sophomore Class Vice President; A.S.C.E. Vice President 4; S.A.M. 3.

Ernest M. Mandel
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4, President 3; Rho Delta Rho 2, 3, 4; Social Committee 3; Junior Commissioner; Scarab 3, 4, Treasurer 4; Cycle Art Editor 4; Engineer and Alumnus 3.

William H. Mashinter
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Rifle Club 1, 2, 3, 4, President 2, 3, 4; Cap and Gown Committee 4; Orchestra 1, 2, 3, 4, Treasurer 3, President of Musical Clubs 4; Pi Nu Epsilon 3, 4.

Robert B. Maxwell, Jr.
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 1, 2, 3, 4; Pi Kappa Phi 1, 2, 3, 4, Secretary 2, 3, President 4; Tech News 3; Salamander 3, 4, President 4; Interfraternity Council 4; Interhonorary Council 4.





Julius Mirotsnic
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Rho Delta Rho 1, 2, 3, 4; Tech News 3.

William K. Moulder
Oak Park, Illinois
B.S. in Electrical Engineering
A.I.E.E. 4.

Raymond A. Mueller
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4, Treasurer 4; Tech News 3; Orchestra 2.

Frank Nader, Jr.
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4; Dance Club 3; Rifle Club 2; Orchestra 2, 3, 4; Rho Epsilon 3, 4.

Sigmund T. Mentzel
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Radio Club 2, 3, 4; Rho Epsilon 2, 3, 4.

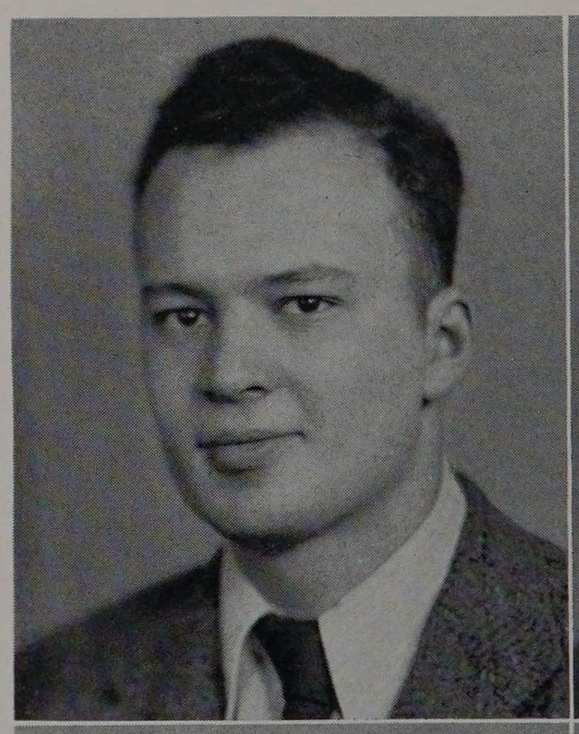
James R. Meyer
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E., Chairman 4; Phi Lambda Upsilon, Treasurer 4; Alpha Chi Sigma; Tech News, Assignment Editor 3; Rifle Club.

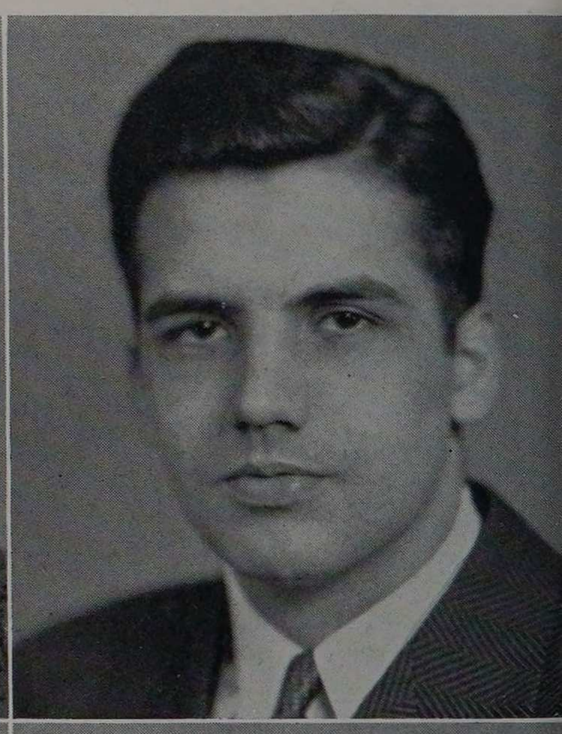
Frank Miller
Chicago Heights, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 2, 3, 4; Rho Delta Rho 1, 2, 3, 4: Glee Club 1, 2, 4; Orchestra 1, 2, 3, 4; Armour Players 3, 4.

Robert Z. Miller
Chicago, Illinois
B.S. in Chemical Engineering

George W. Minard
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4, Treasurer 4; Alpha Chi Sigma 3, 4, Treasurer 3.

Edward T. Minieka
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Radio Club 1, 2; Dance Club 2; Tech News 3; Pi Tau Sigma 4; Rho Epsilon 1, 2, 3, 4.









Nicholas Natinchek
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Tech News 1, 2; Armour Players 2, 4; Basketball 3, 4; Tennis 1, 2, 3, 4, Captain 3; Engineer and Alumnus 2; Armour Eye 1.

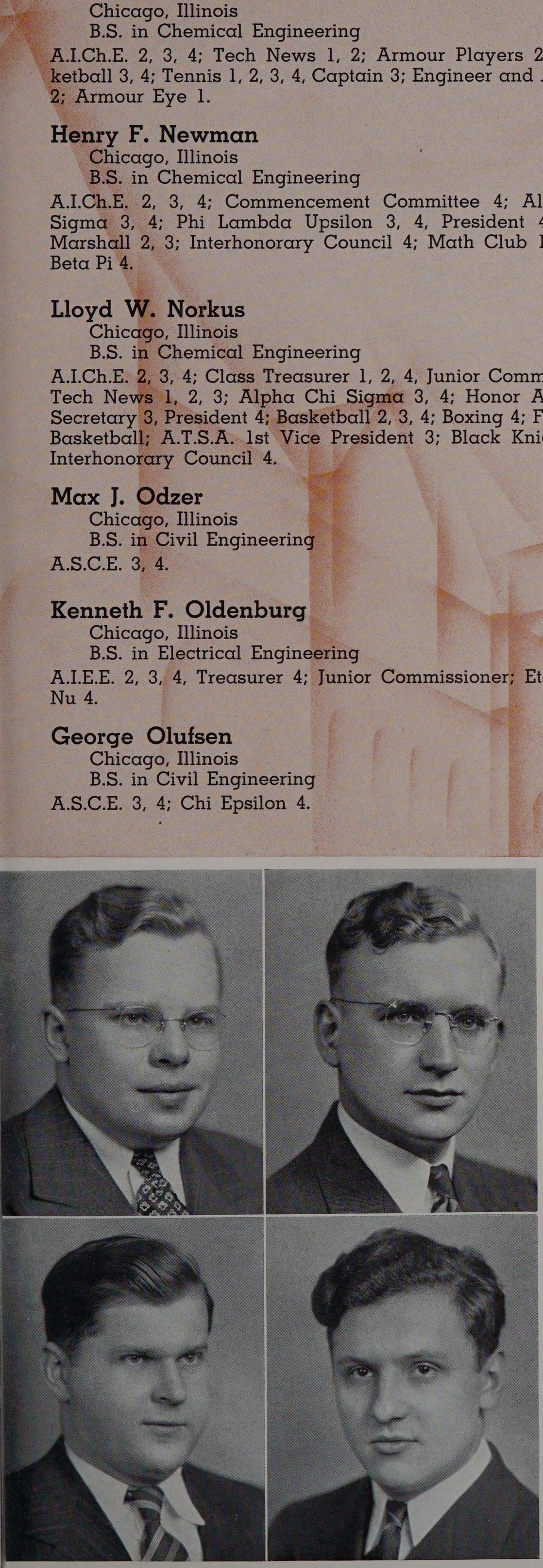
Henry F. Newman
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Commencement Committee 4; Alpha Chi Sigma 3, 4; Phi Lambda Upsilon 3, 4, President 4; Honor Marshall 2, 3; Interhonorary Council 4; Math Club 1, 2; Tau Beta Pi 4.

Lloyd W. Norkus
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Class Treasurer 1, 2, 4, Junior Commissioner; Tech News 1, 2, 3; Alpha Chi Sigma 3, 4; Honor A 2, 3, 4, Secretary 3, President 4; Basketball 2, 3, 4; Boxing 4; Freshman Basketball; A.T.S.A. 1st Vice President 3; Black Knight 3, 4; Interhonorary Council 4.

Max J. Odzer
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4.

Kenneth F. Oldenburg
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4, Treasurer 4; Junior Commissioner; Eta Kappa Nu 4.

George Olufsen
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4; Chi Epsilon 4.

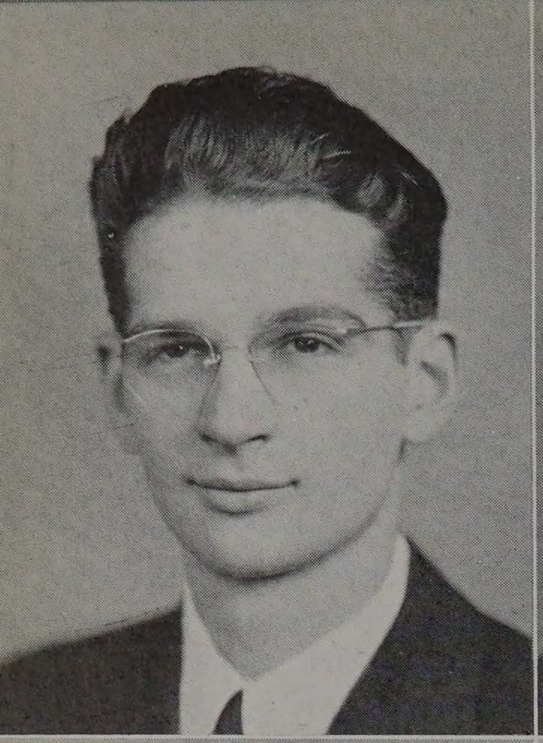


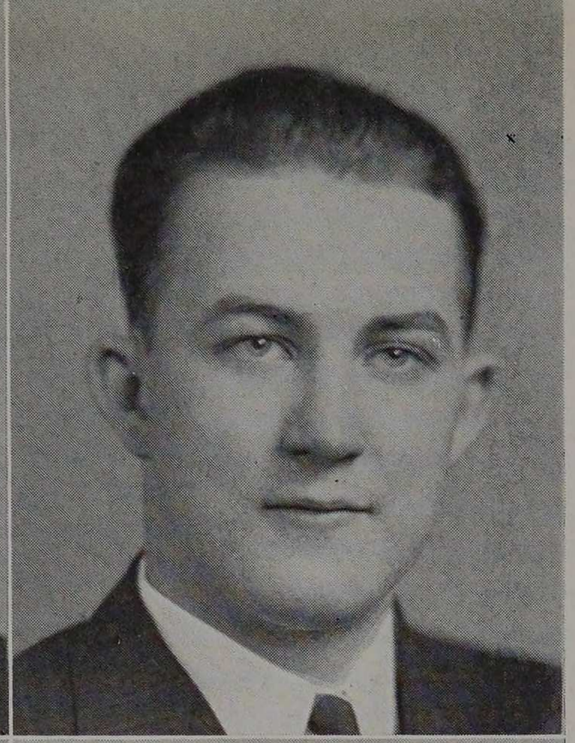
Rea A. O'Neill
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4.

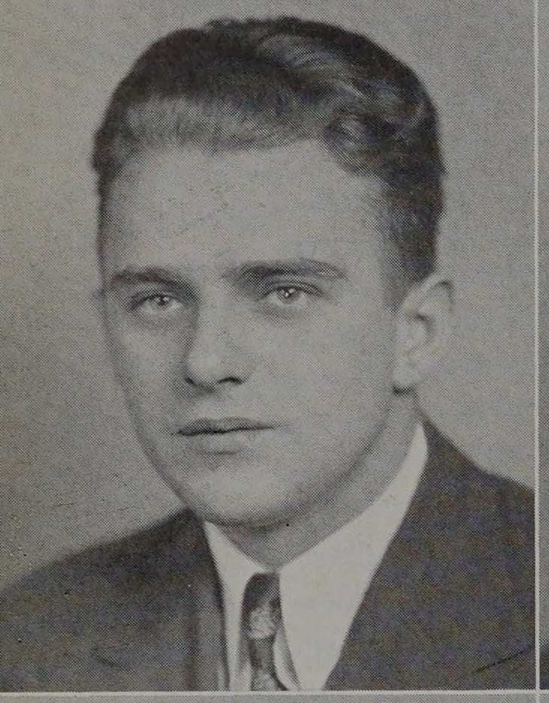
Francis Opila
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4; W.S.E. Secretary 4; Dance Club 3; Sophomore Class Secretary; Commencement Committee Chairman 4; Senior Curriculum Committee; Tech News 1, 2, 3, 4, Assignment Editor 3, Managing Editor 4; Orchestra 1, 2, 3, 4; Secretary-Treasurer of Musical Clubs 4; Chi Epsilon 3, 4; Pi Nu Epsilon 3, 4; Tau Beta Pi 3, 4, President 4; Sphinx 3, 4; Track 1, 2, 3, 4; Intramural Mgr. 4; Honor Marshall 2, 3; Interhonorary Council President 4.

John J. Otrembiak
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4.

Theodore Pasiuk
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Glee Club 2, 3.

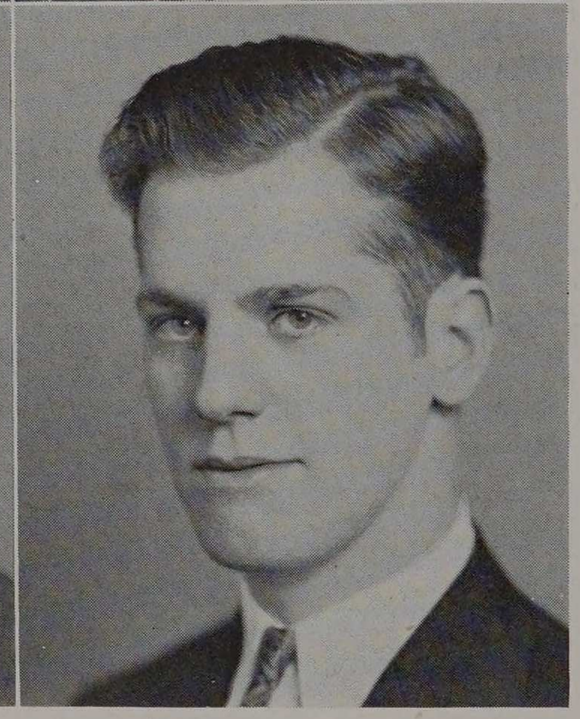












Louis Patlogan
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 2, 3, 4; Dance Club 4.

Arthur H. Pedersen
Oak Park, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4; Junior Commissioner; Chi Epsilon 3, 4, Secretary 3, President 4.

Ralph Petri
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Carl D. Pierson, Jr.
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Fred H. Prather
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4, Board Chairman 3; Social Committee 4; Tech News 2, 3, 4; Scarab 2, 3, 4, Vice President 4.

Norbert J. Prehler
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B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4; Rifle Club; Armour Players; Baseball.

Richard Puhl
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 3, 4; Baseball 4.

Harry B. Quandee
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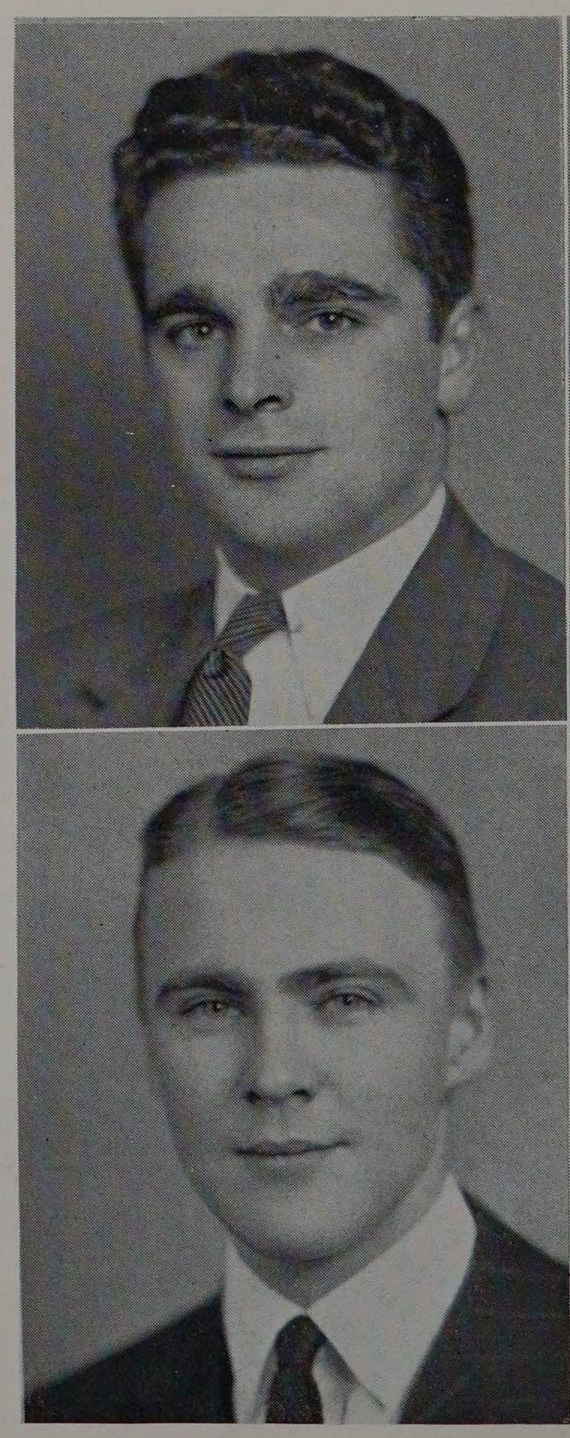
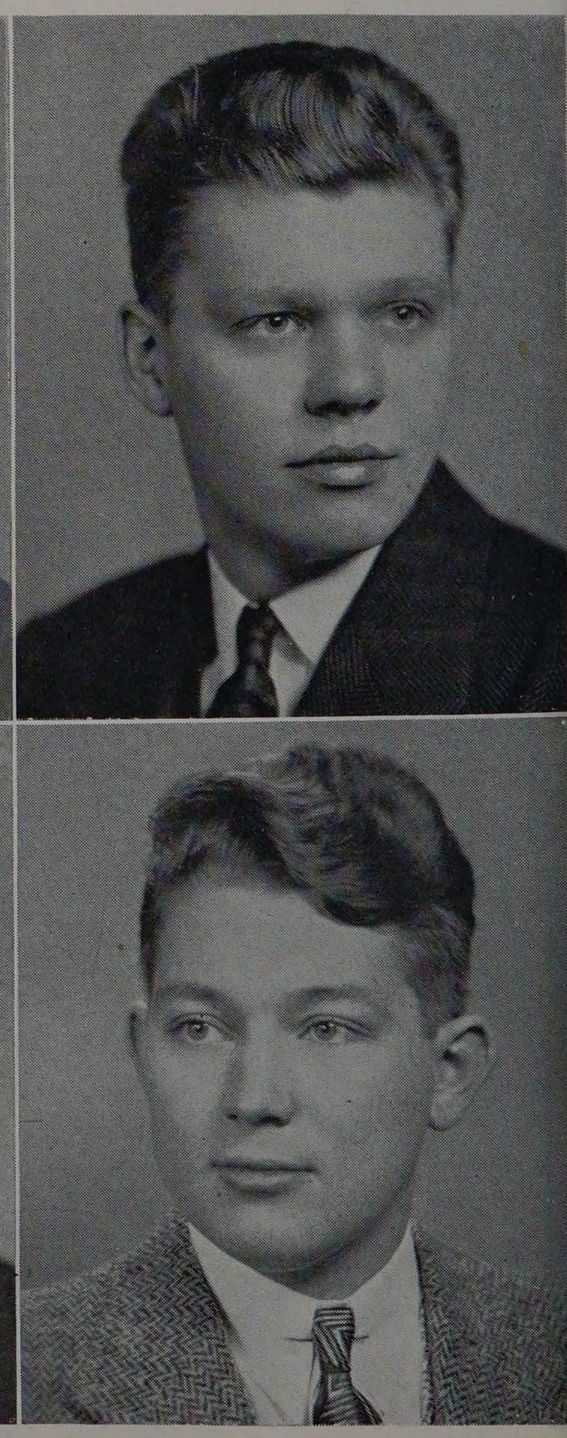
B.S. in Fire Protection Engineering
F.P.E.S. 2, 3, 4; Triangle 3, 4; Junior Commissioner; Tech News 2; Glee Club 2, 3, 4; Track 2; Swimming 1.

Paul J. Ransel
Gary, Indiana
B.S. in Fire Protection Engineering
F.P.E.S. 1, 2, 3, 4, President 4; Delta Tau Delta 1, 2, 3, 4, Treasurer 2; Freshman Class President; Tech News 3; Beta Omega Nu 2, 3; Cycle 3, Fraternity Ed.

Robert A. Rehwaldt
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Honor A 4; Baseball 2, 3, 4; Boxing 3; Wrestling 1; Senior Curriculum Committee.





Roland Rentscher
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E.; Rifle Club.

Harold W. Ressler
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4.

James E. Reuter
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B.S. in Electrical Engineering
A.I.E.E. 3, 4; Triangle, Vice President 4; Beta Omega Nu 2, 3, 4.

Joseph J. Risany
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Tech News 3, 4; Boxing 2, 3; Wrestling 4.

Edward M. Rosenthal
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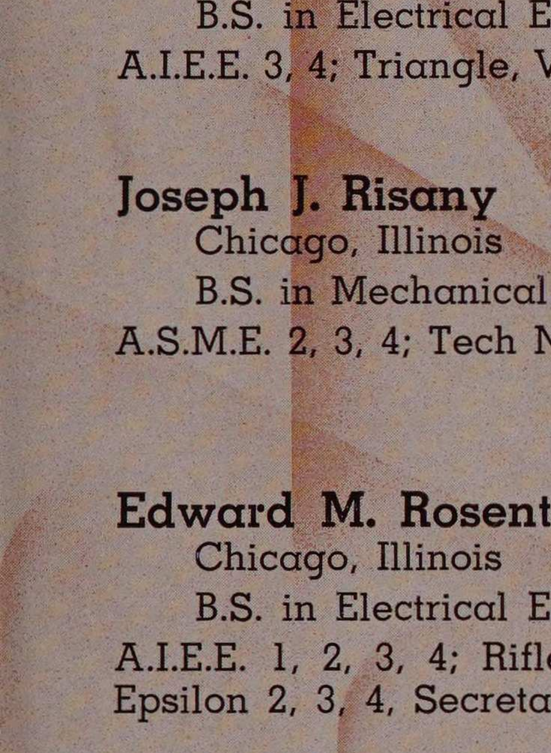
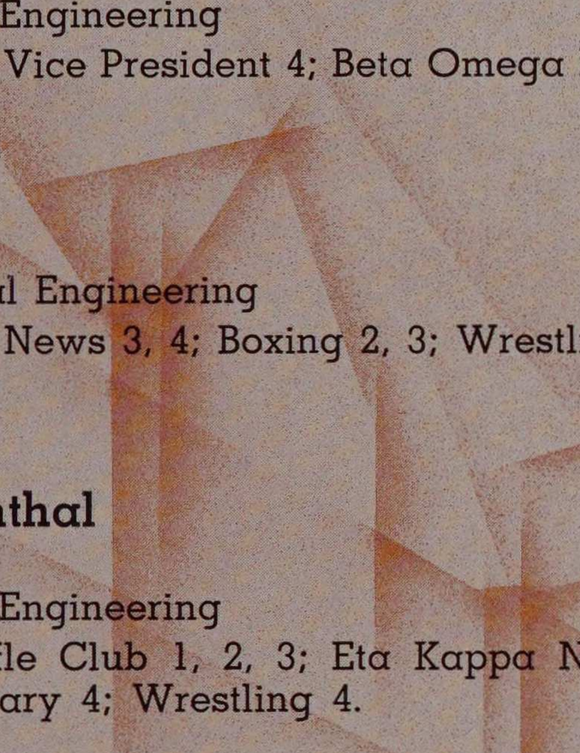
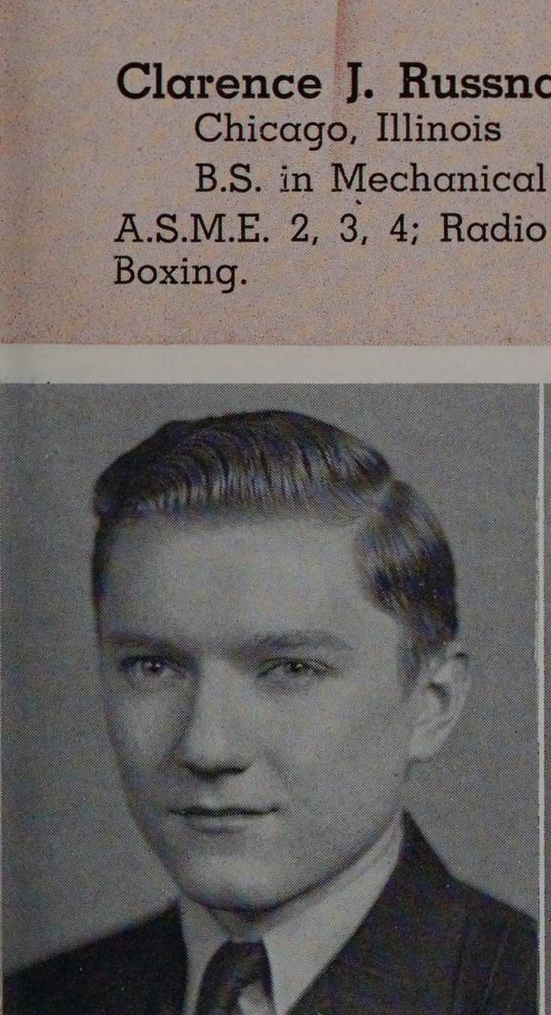
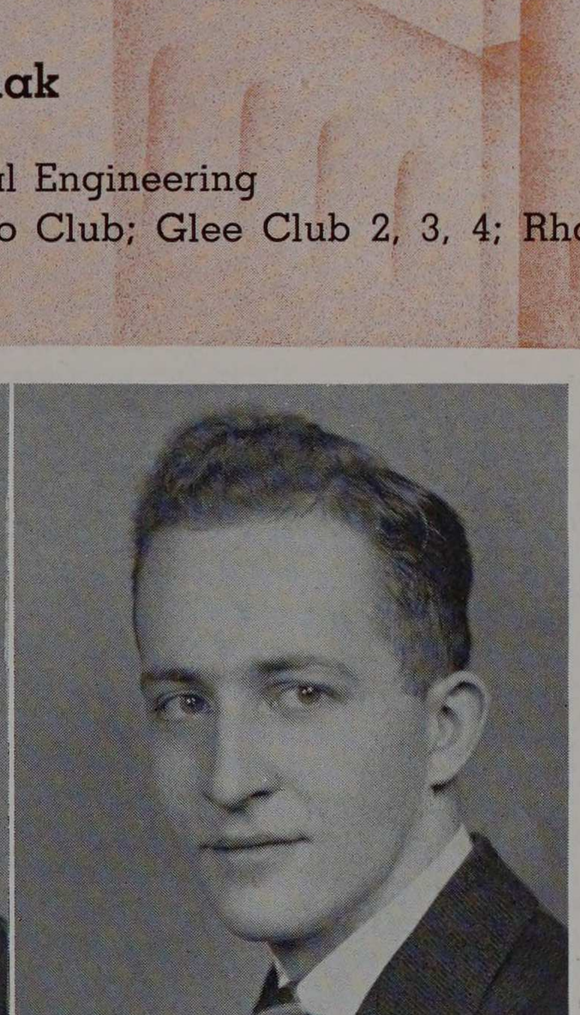
B.S. in Electrical Engineering
A.I.E.E. 1, 2, 3, 4; Rifle Club 1, 2, 3; Eta Kappa Nu 4; Rho Epsilon 2, 3, 4, Secretary 4; Wrestling 4.

Clarence J. Russnak
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Radio Club; Glee Club 2, 3, 4; Rho Epsilon; Boxing.

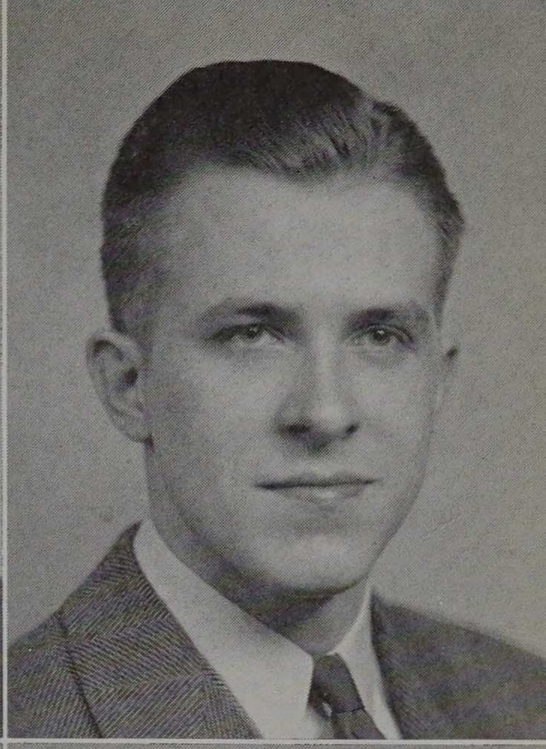






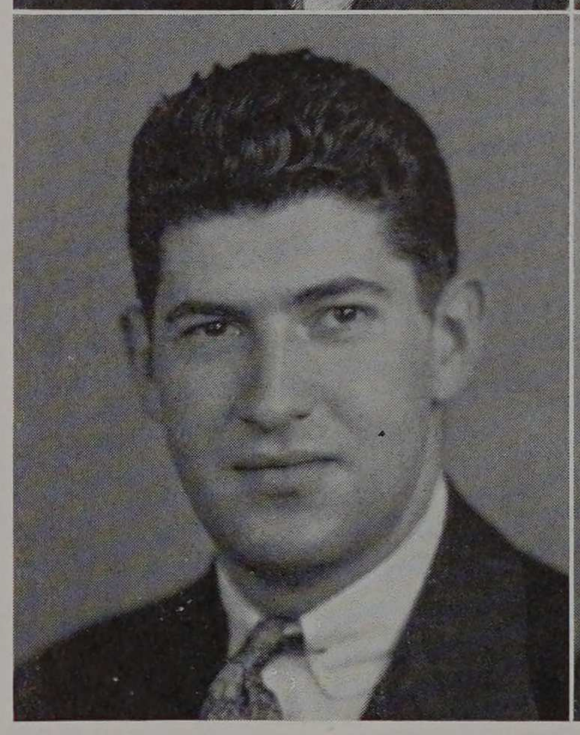














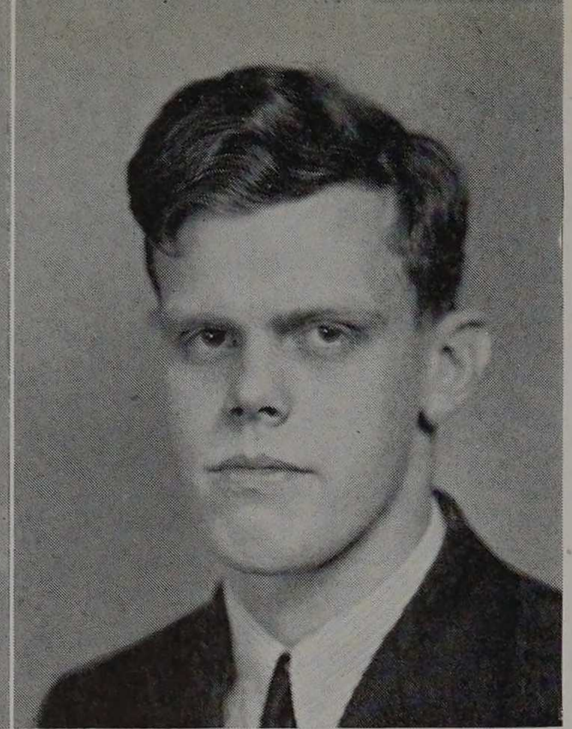
Charles J. Ryant, Jr.
Chicago, Illinois
B.S. in Chemical Engineering
W.S.E. Representative 3; A.I.Ch.E. 1, 2, 3, 4; Alpha Chi Sigma 2, 3, 4; Phi Lambda Upsilon 3, 4, Secretary 4; Track 3, 4; Math Club 1, 2.

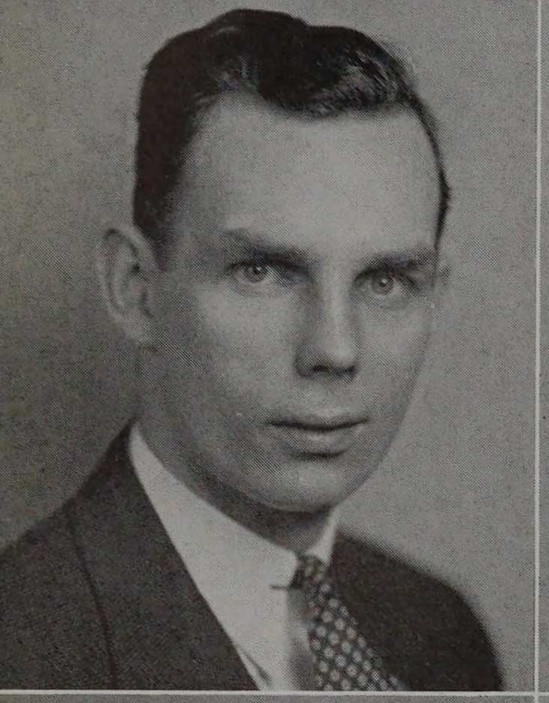
Gerhardt H. Sauermann
Chicago, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4, President 2; Glee Club 1, 2, 3; Pi Nu Epsilon 3, 4.

William H. Scherer
Naperville, Illinois
B.S. in Architecture
A.A.S. 1, 2, 3, 4; Delta Tau Delta 1, 2, 3, 4, Treasurer 3; Interfraternity Council 3; Junior Marshall; Basketball 1, 2, 3, 4, Captain 4; Freshman Basketball.

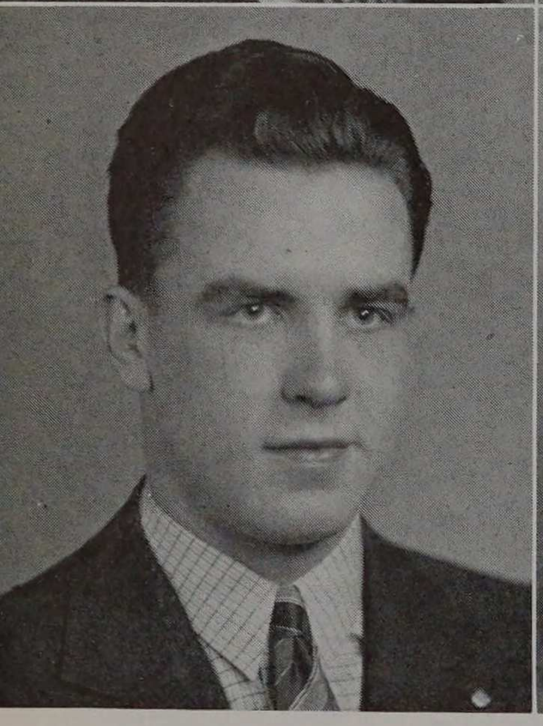
Fred G. Schrot
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4.













Charles H. Schultz
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 2, 3, 4; Rifle Club 3, 4; Phi Kappa Sigma 1; Tech News 3, 4; Glee Club 3; Alpha Chi Sigma 3, 4; Gamma Theta, President 4; Armour Players 2, 3, 4, Director 4; Interhonorary Council 4.

Robert G. Schweitzer
Oak Park, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2, 3, 4.

Robert W. Scott
Aurora, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4, President 4; Glee Club 3, 4; Pi Nu Epsilon 4.

John D. Shaver
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 2, 3, 4; Sophomore Class President, Senior Class Vice President; Eta Kappa Nu 3, 4, President 4; Junior Marshall; Interhonorary Council 4; Senior Curriculum Committee.

Harry N. Shaw
Joliet, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Alpha Sigma Phi 3, 4; Beta Omega Nu 3, 4, Vice President 4.

Herbert Sher
Chicago, Illinois
B.S. in Chemical Engineering
Basketball 1, 2, 3, 4; A.I.Ch.E.; Cap and Gown Committee; Tech News.

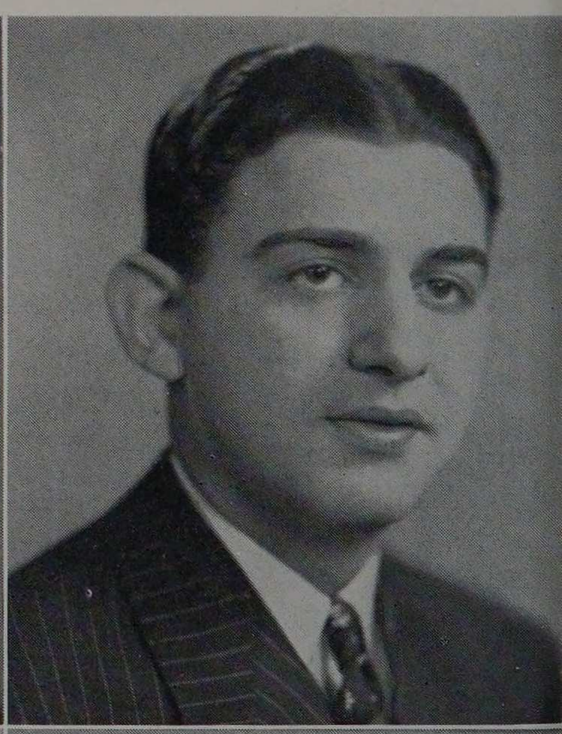
Charles Shukes
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 4; B.S. in Chemical Engineering 1937.

Sidney S. Silverman
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 1, 2, 3, 4; Dance Club 3; Rho Delta Rho 1, 2, 3, 4, Treasurer 4; Tech News 1, 2, 3, 4; Armour Players 3, 4; Interfraternity Council 3, 4; Cycle 4; A.T.S.A. 1, 2, 3, 4; S.A.M. 3.

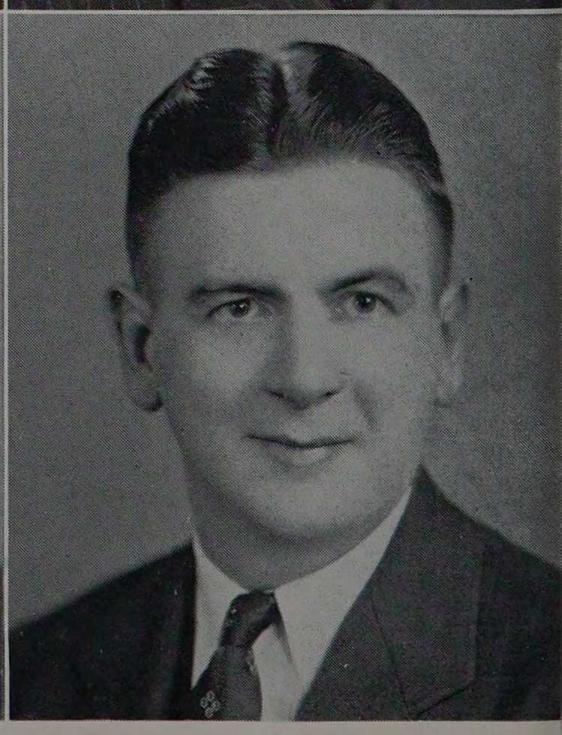
Frank E. Slavin
Chicago, Illinois
B.S. in Fire Protection Engineering
W.S.E. Treasurer 4; F.P.E.S. 1, 2, 3, 4, Treasurer 4; Pi Kappa Phi 1, 2, 3, 4; Announcement Committee 4; Tech News 1, 2, 3, 4, Advertising Mgr. 3, Business Mgr. 4; Glee Club 2, 3, 4, President 4; Pi Nu Epsilon 4; Swimming 1, 2, 3; Sphinx 3, 4.

Raymond Smessaert
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Radio Club 1, 2; Rho Epsilon 3, 4.









Fred A. Smith
Chicago, Illinois
B.S. in Civil Engineering

Roger K. Smith
Chicago, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 1, 2, 3, 4, Secretary 4; Social Committee 1; Tech News 1, 2, 3.

Bernard R. Sternfeld
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Dance Club 3, 4; Rho Delta Rho 1, 2, 3, 4, Vice President 4; Social Committee 2; Tech News 1, 2, 3, 4; Armour Players 1, 2, 3, 4, Guild 2, 3, Gamma Theta 4, Treasurer 3, 4; Cycle 3.

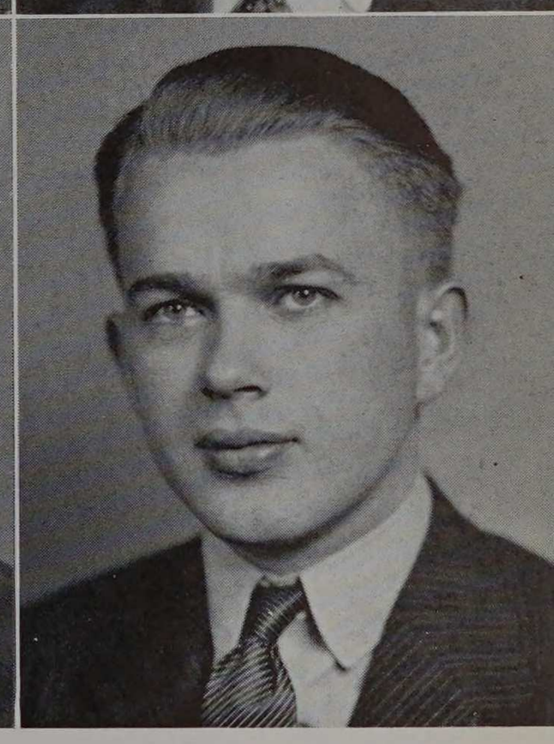
Rudolph Stimpfl
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Tech News 3.

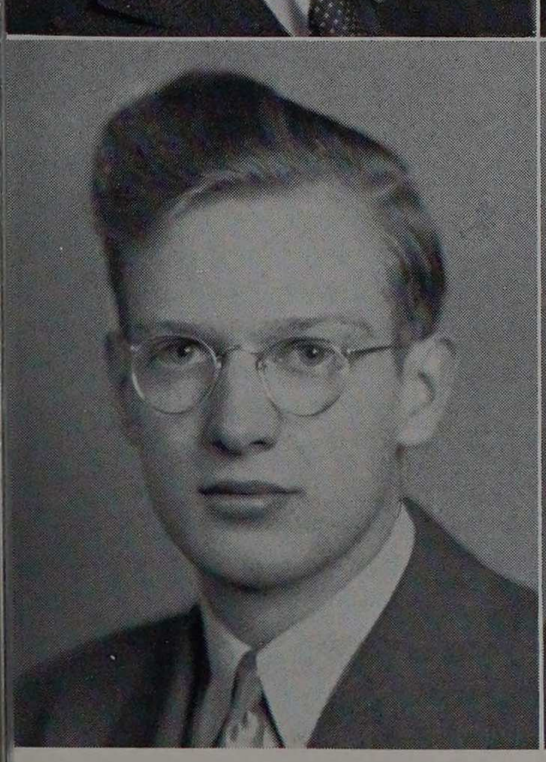
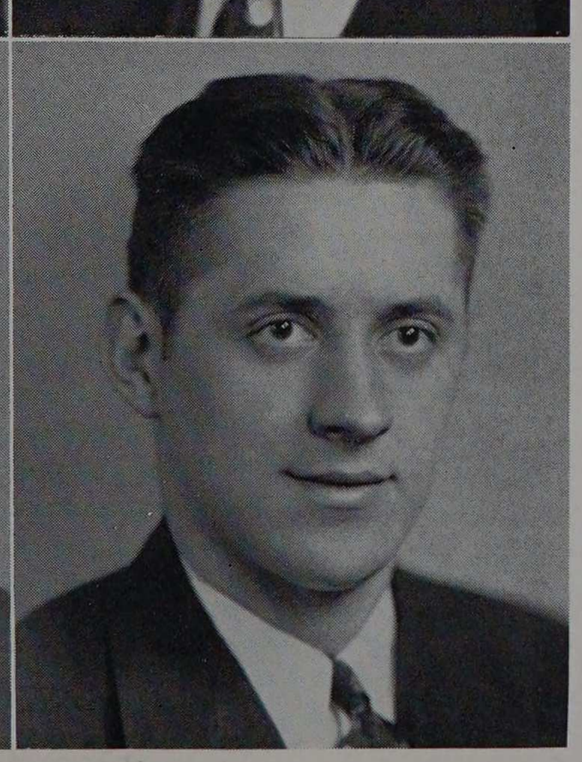
Thomas E. Sullivan
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Dance Club 1, 2; Boxing 4.

Donald H. Sunde
Owatonna, Minnesota
B.S. in Fire Protection Engineering
F.P.E.S. 1, 2, 3, 4; Delta Tau Delta 1, 2, 3, 4, Corr. Secretary 2, 3, President 4; Freshman Class Vice President, Junior Commissioner, Chairman; Jewelry Committee 4; Tech News 3; Glee Club 2, 3; Salamander 3, 4, Secretary-Treasurer 4; Tau Beta Pi 3, 4, Vice President 4; Interfraternity Council 3, 4, President 4; Cycle 1, 2; Golf 1, 2, 3, 4, Captain 3; Freshman Basketball; Student Union Board Chairman 4; Honor Marshall 3; Black Knight 4.





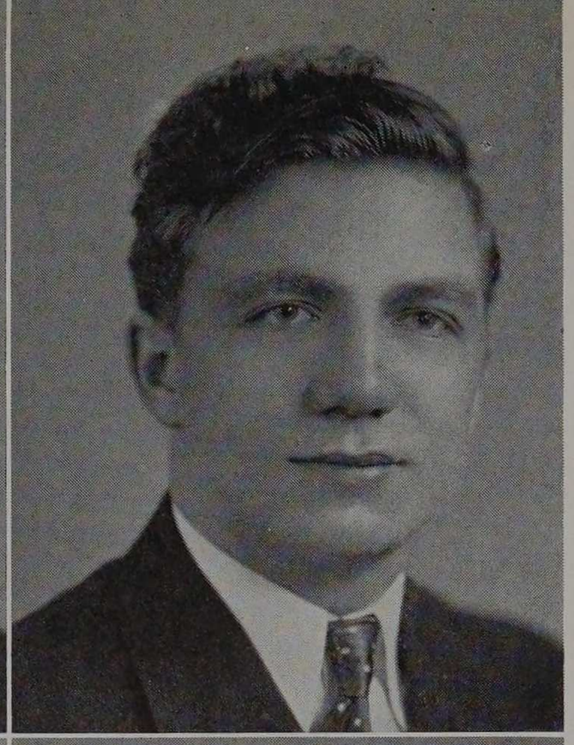
Charles M. toeLaer
Oak Park, Illinois
B.S. in Electrical Engineering
Oak Park Junior College 1; S.A.M. 4; A.I.E.E. 2, 3, 4; Dance Club 3; Social Committee 4; Tech News 2, 3, 4.

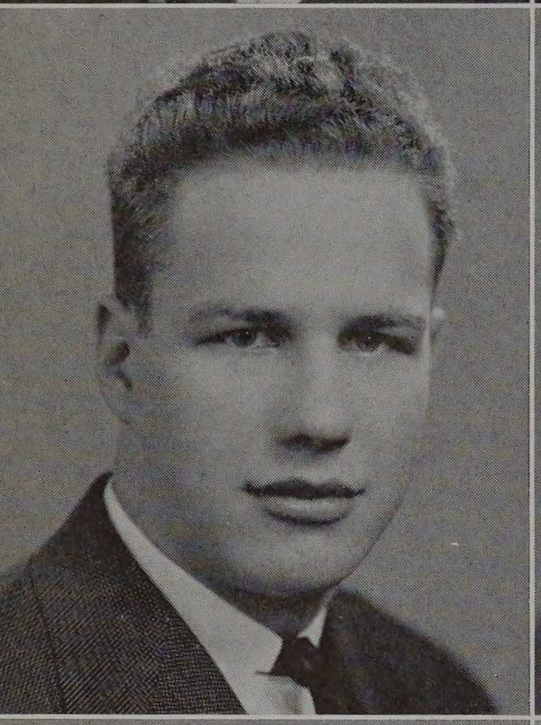
Alex Toth
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4.

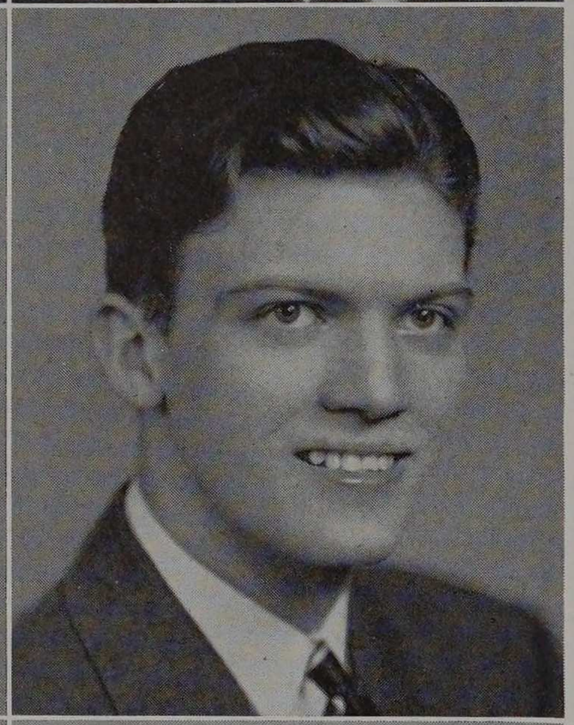
Robert E. Underhill
Downers Grove, Illinois
B.S. in Chemical Engineering
Armour Players 3, 4.

Edward W. Urbaniak
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Dance Club 3, 4, Vice President 3; Glee Club 4.













Delano E. Wessels
La Feria, Texas
B.S. in Chemical Engineering
Brownsville Junior College 1; A.I.Ch.E. 2, 3, 4; Delta Tau Delta 2, 3, 4, Treasurer 3; Engineer and Alumnus 3, 4, Student Business Mgr. 4; Glee Club 2, 3, 4; S.A.M. 3, 4, President 4.

Alvin Winkler
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B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4, Vice President 4; Commencement Committee 4; Pi Tau Sigma 3, 4, President 4; Tau Beta Pi 3, 4, Secretary 4.

Wayne F. Wolfe
Chicago, Illinois
B.S. in Mechanical Engineering

Bernard T. Wolfson
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E.; Dance Club; Track.

Aloysius F. Veras
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4, President 4; Jewelry Committee 4; Eta Kappa Nu, Secretary 4; Tau Beta Pi 4.

Ralph H. Wagner
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B.S. in Mechanical Engineering
A.S.M.E. 3, 4; W.S.E. Representative 3; Announcement Committee 4; Pi Tau Sigma 3, 4; Tau Beta Pi 4; Tennis 1, 2, 3, 4, Captain 4; Wrestling 1, 2, 3, 4; Chess Club 1, 2, 3, 4, Treasurer 3.

Richard J. Wagner
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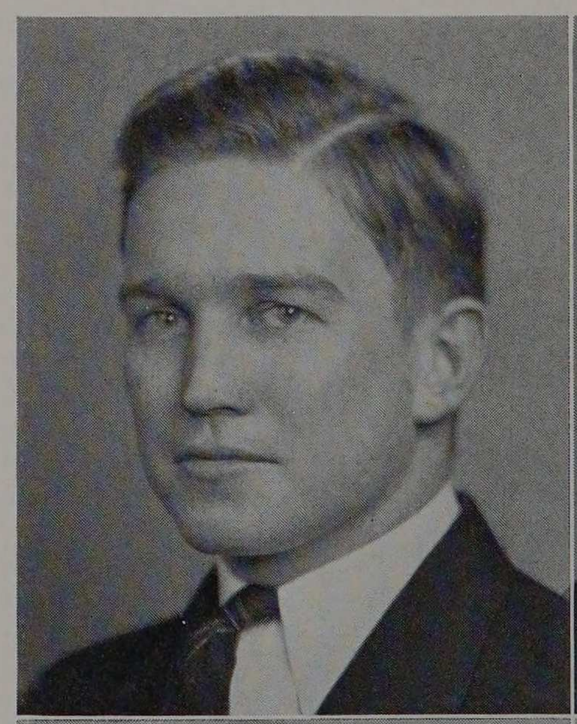
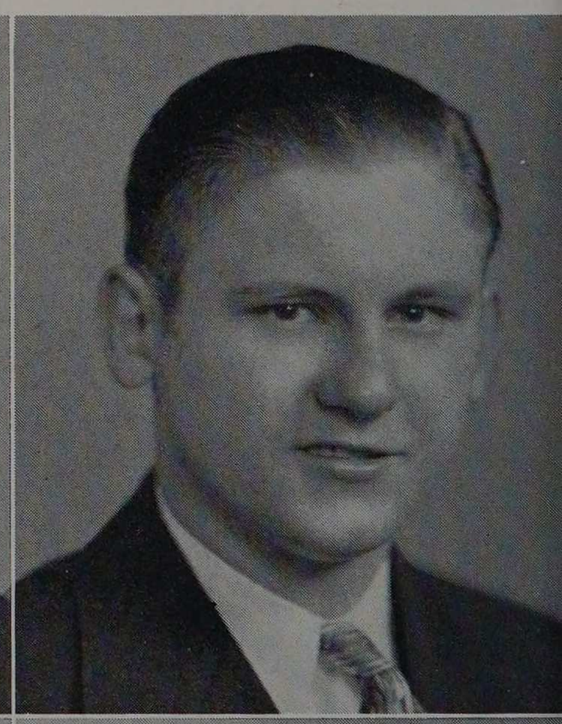
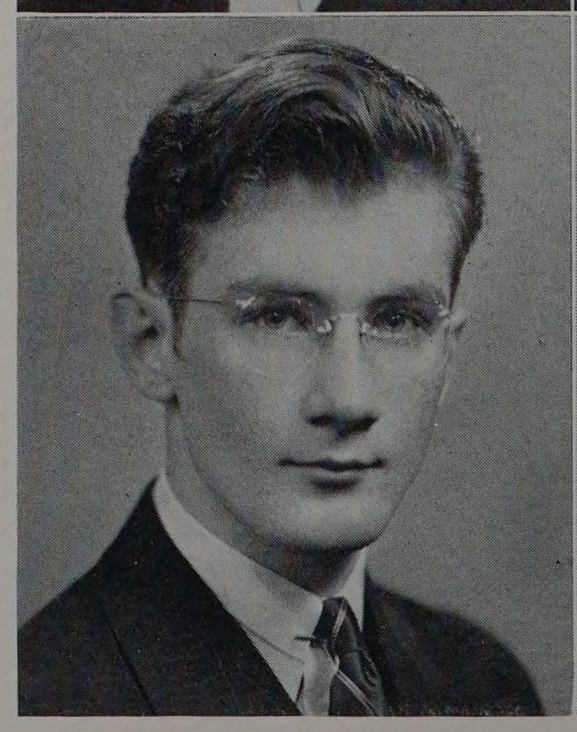
Kenneth H. Walkoe
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4.

Rupert J. Weber
Chicago, Illinois
B.S. in Civil Engineering
A.S.C.E. 3, 4; Basketball 1, 2, 3.

Laurence A. Weinecke
Chicago, Illinois
B.S. in Chemical Engineering
A.I.Ch.E. 2; Rifle Club 1.







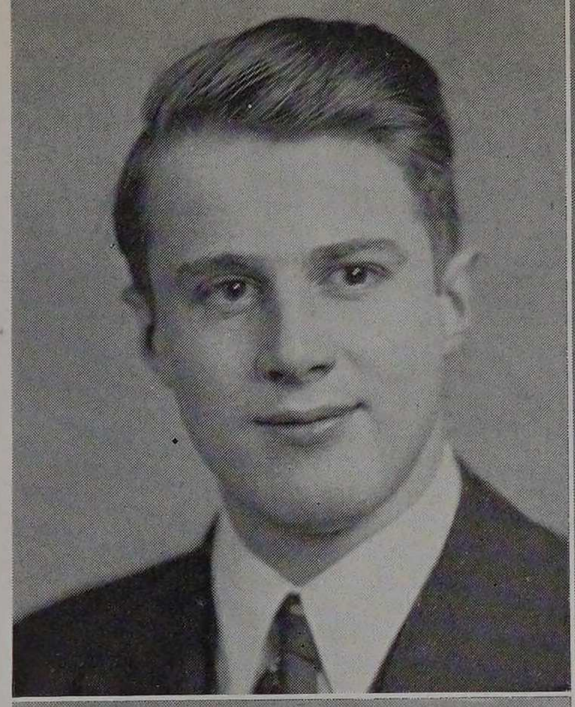


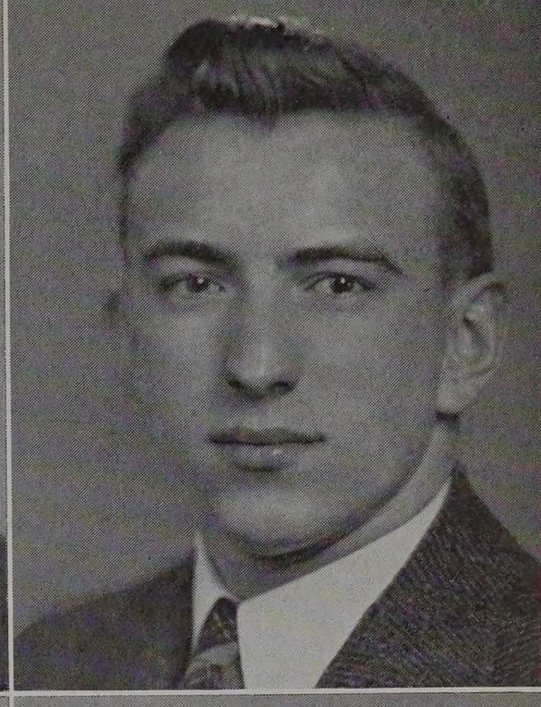
Robert A. Woll
Chicago, Illinois
B.S. in Electrical Engineering
A.I.E.E. 3, 4.

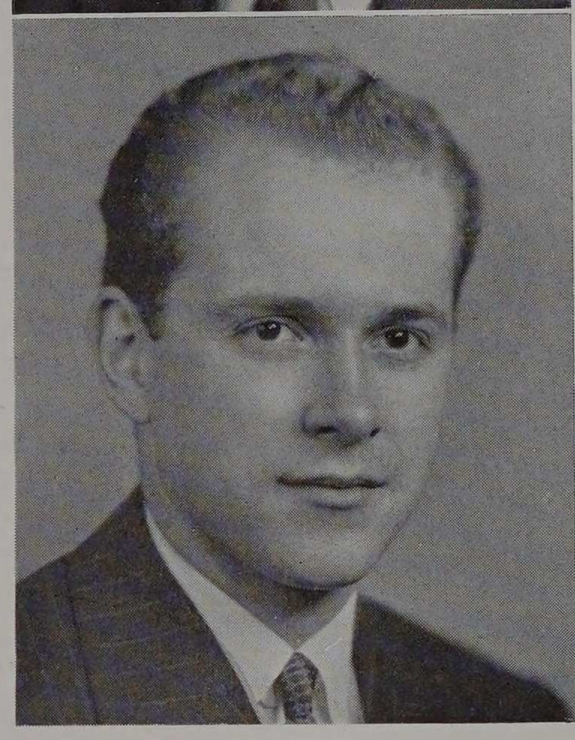
Leonard J. Wolniak
Chicago, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 2, 3, 4; Dance Club 2, 3; Glee Club 3, 4; Baseball 1; Track 1; Wrestling 3, 4.

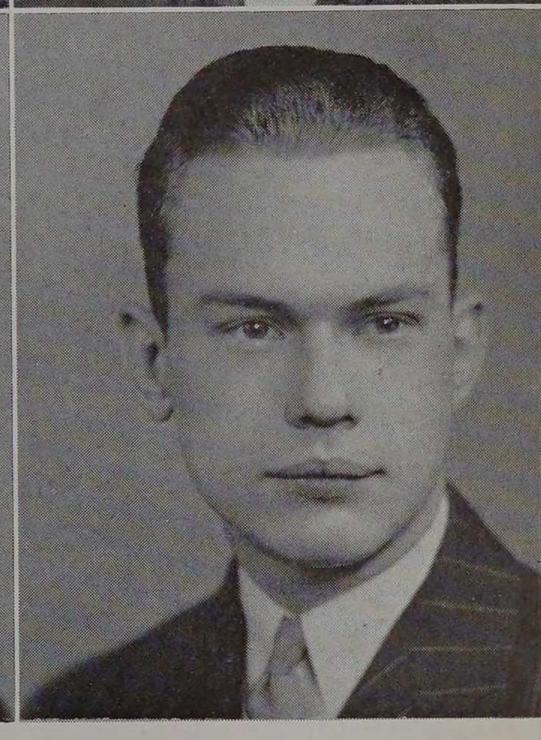
Eugene H. Worcester
Oak Park, Illinois
B.S. in Fire Protection Engineering
F.P.E.S. 1, 2, 3, 4; Social Chairman 1, 2, 4; Tech News 1, 2, 3; Glee Club 1, 2, 3, Mgr. 3; Salamander 3, 4, Vice President 4; Pi Nu Epsilon 3, 4; Tau Beta Pi 3, 4, Corr. Secretary 4; Armour Players 1, 2; Cycle 2, 3, 4, Feature Editor 3, Editor 4; Black Knight 3, 4, President 4; Photography Comittee 4.

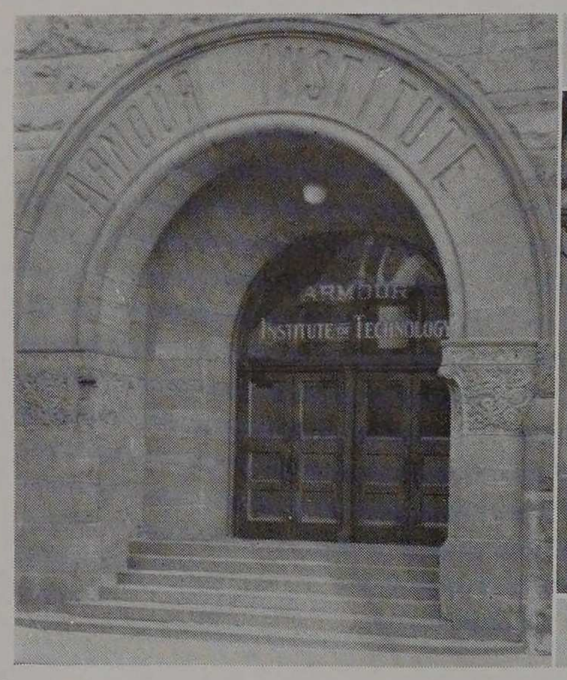
William Yeager
Evanston, Illinois
B.S. in Mechanical Engineering
A.S.M.E. 3, 4; Delta Tau Delta 1, 2, 3, 4; Social Committee 1, 2; Junior Commissioner; Announcement Committee 4; Glee Club 3, 4; Pi Tau Sigma 3, 4; Cycle 2, 3, 4, Circulation Mgr. 4; Wrestling 2.



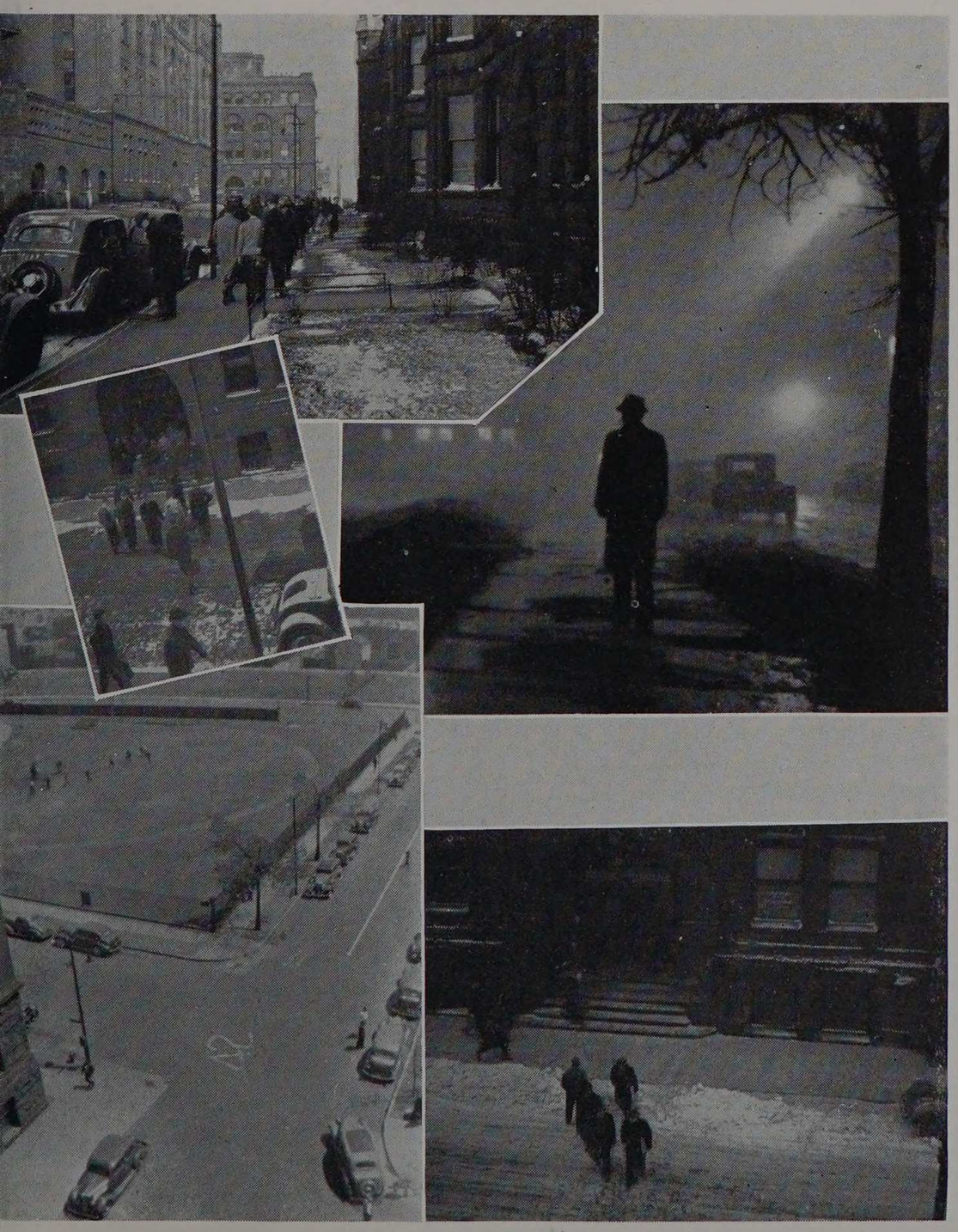












Steve Michka
Chicago, Illinois
B.S. in Electrical Engineering

Marshall Kahn
Chicago, Illinois
B.S. in Chemical Engineering

John Masin
Chicago, Illinois
B.S. in Chemical Engineering



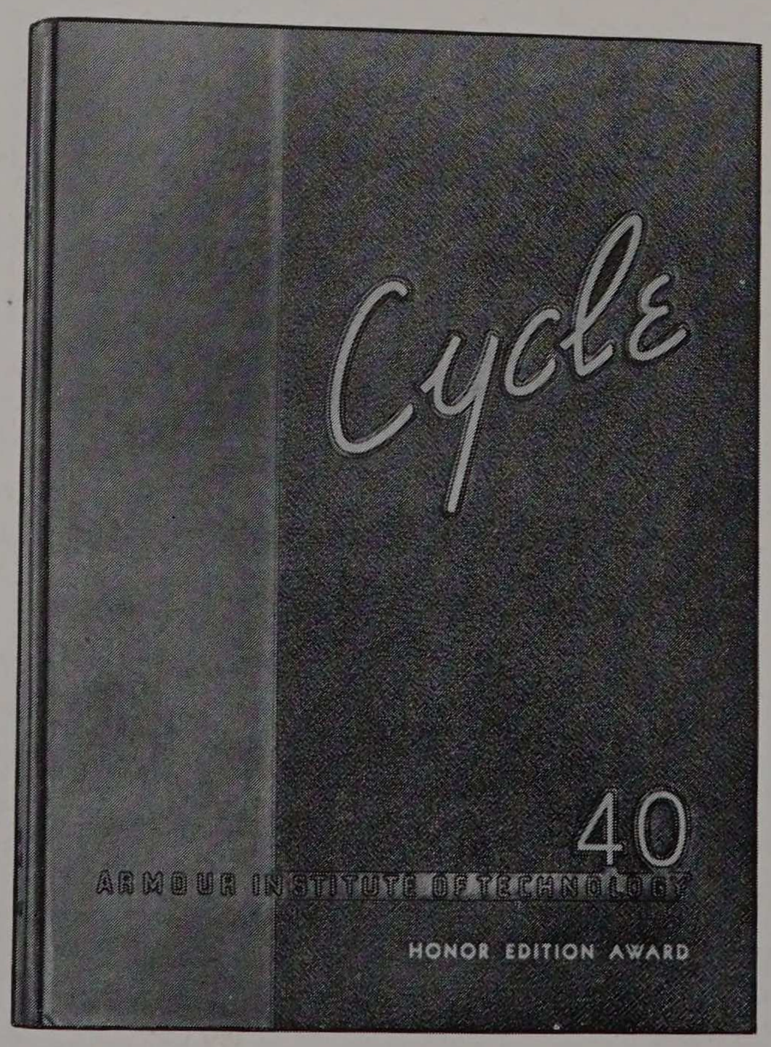











Cycle
40
ARMOUR INSTITUTE OF TECHNOLOGY
HONOR EDITION AWARD

HONOR

JACK CLARK

RALPH ERISMAN

GEORGE HANNA

THOMAS HUNTER

DONALD MACKEY

LLOYD NORKUS

FRANCIS OPILA

DONALD SUNDE

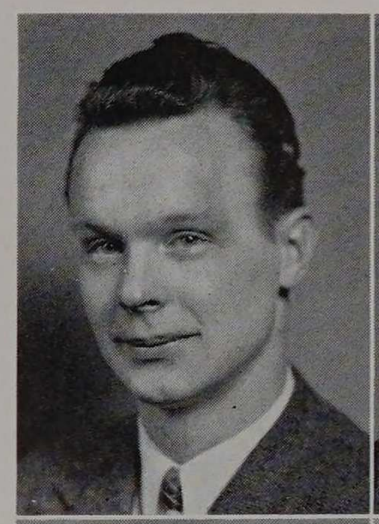
RALPH WAGNER

EUGENE WORCESTER



CLARK

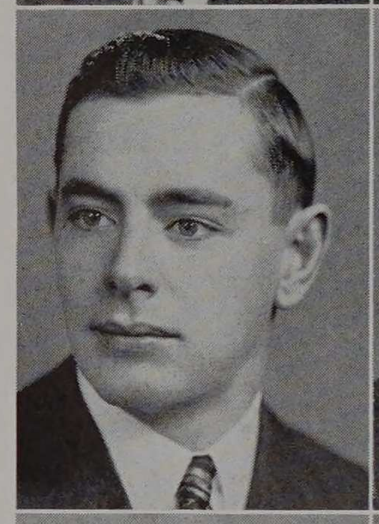
ERISMAN

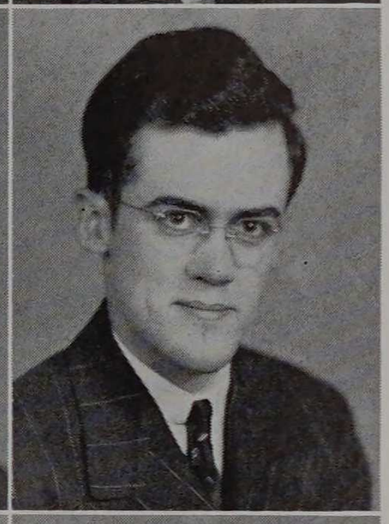




HANNA

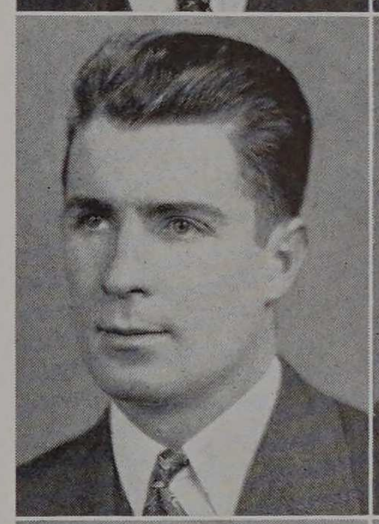
HUNTER





MACKEY

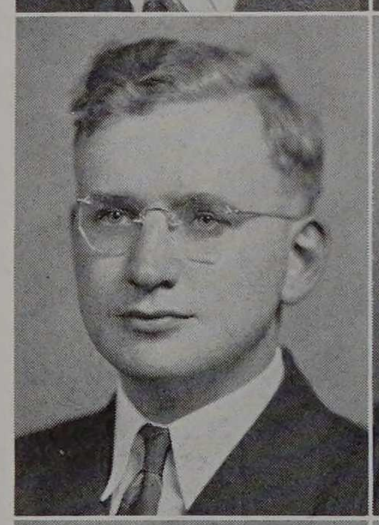
NORKUS

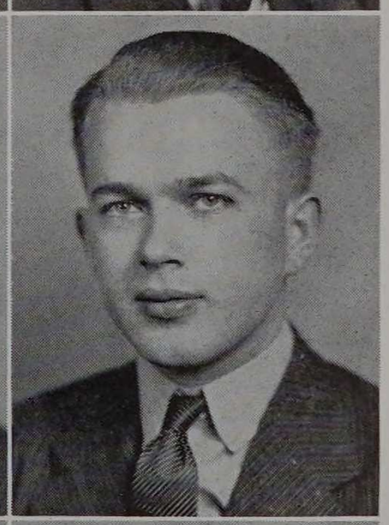




OPILA

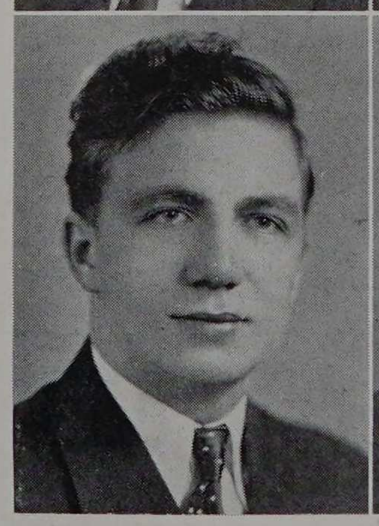
SUNDE





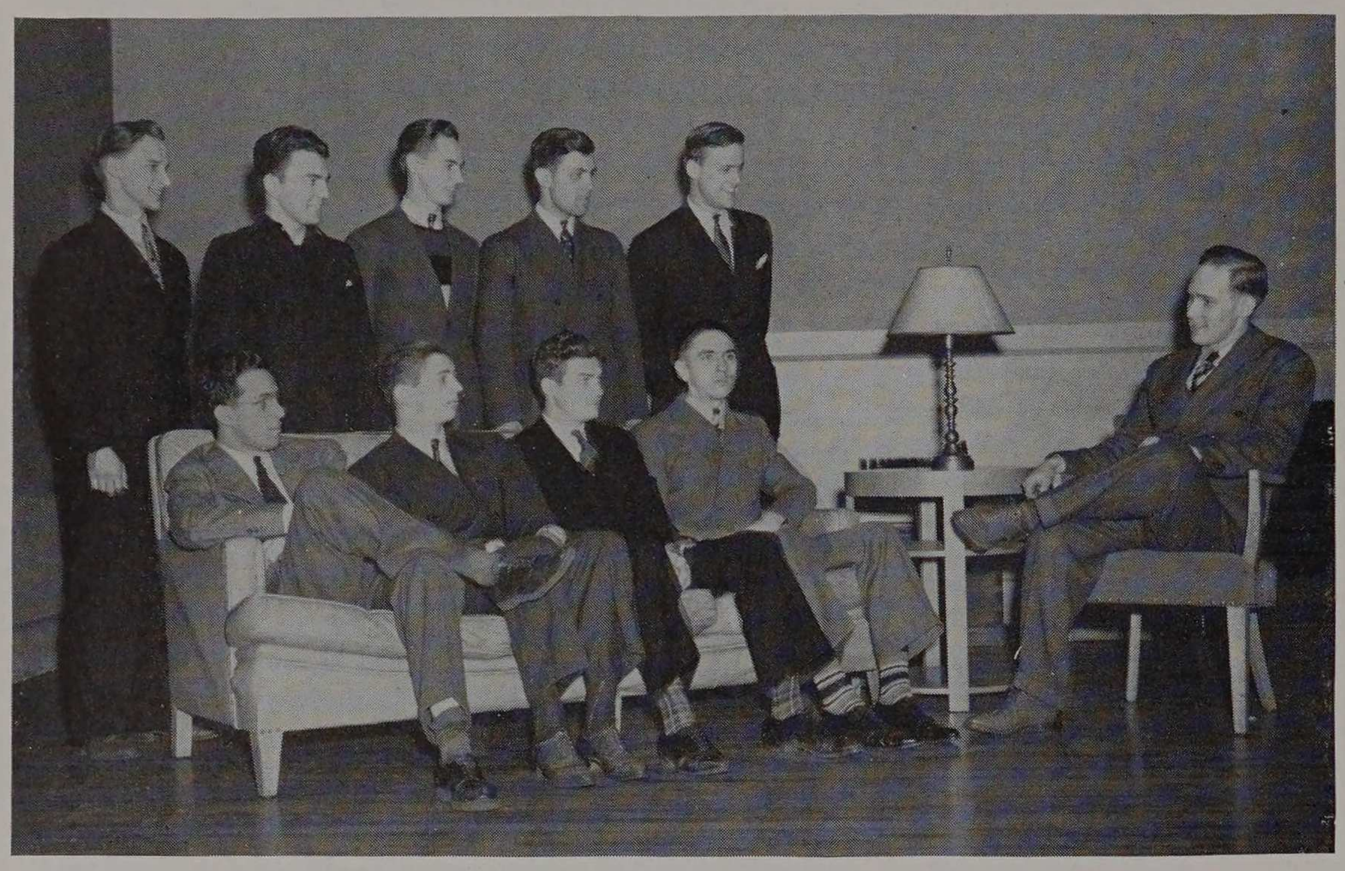
WAGNER

WORCESTER





EDITION AWARD



Second Row: Goetz, Grosse, Mahn, Pfeffer, Donoghue. *First Row:* Naum, Matthews, Sliwa, Harmon, Sauvage.

JUNIOR COMMISSION

"Fourth, Charlie," we repeated as we began that memorable ascent in the elevator for the first time. Surely there wasn't anything to equal this thrill since we had ridden the Skyride at the Fair in '33. We were back for our third registration, but already the difference was noticeable. As surely as we rose in body physically that day, so had we climbed to ecstatic heights spiritually.

As we glanced about we noted that those two destructive demons, calculus and physics, had taken their toll among our thinning ranks.

Dismissing such morbid thoughts, we threw out our chests and remembered that as Juniors we were ready to accept our duties and privileges. Class tradition



Second Row: Shapiro, W. Clark, Bosnak, Aberer. *First Row:* Long, Furch, Kiefer, Baumann.

was to be maintained. The Junior Informal, the Junior Formal, Junior Week were but a few of the activities that dwarfed temporarily even such subjects as thermodynamics.

So it is now an eager and impatient group of students that waits its turn to assume leadership of the Institute for the ensuing year.

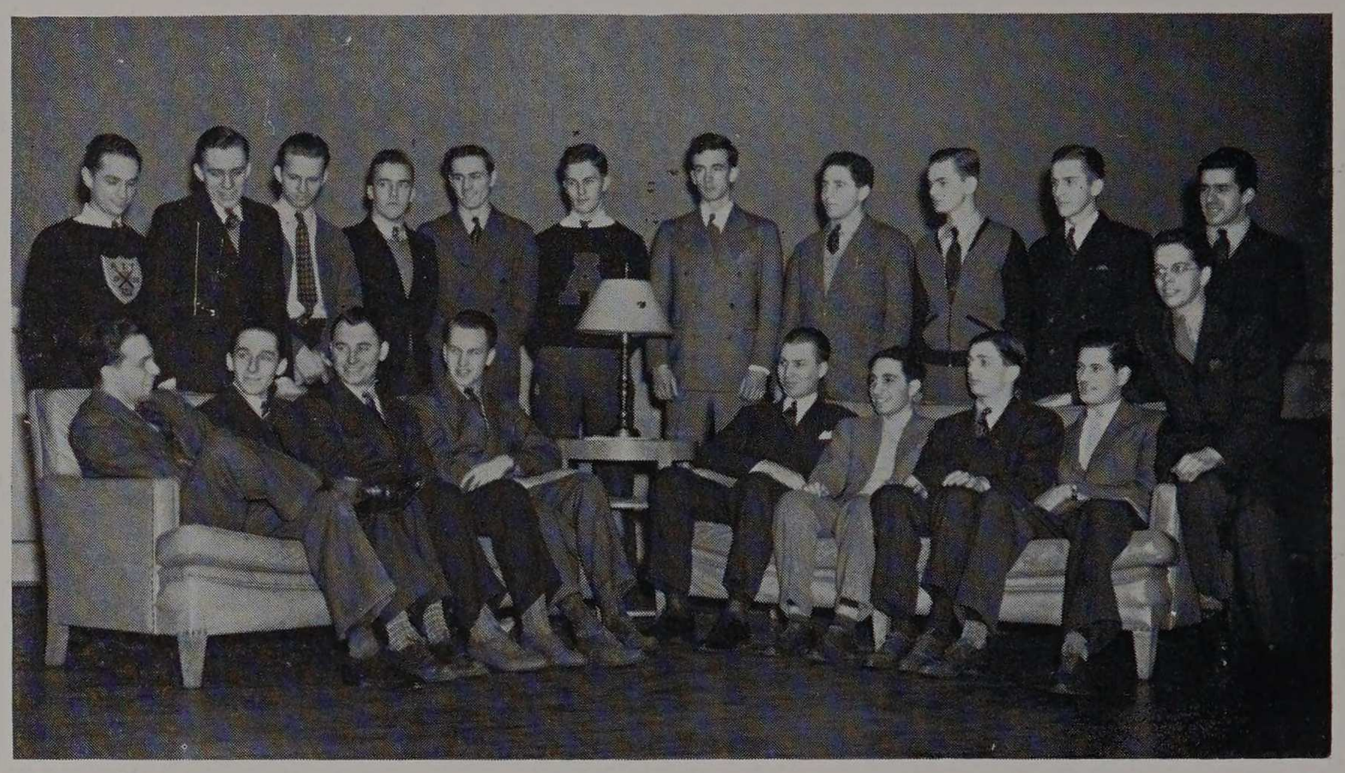


Second Row: Tannehill, Neben, Shanley, Ptak, Saline, Hartman, Penn, Franzen, Stoolman, Yursis. *First Row:* Hruda, Colant, Cole, Jackel, Brierley, Segner, Massman, Dodge.

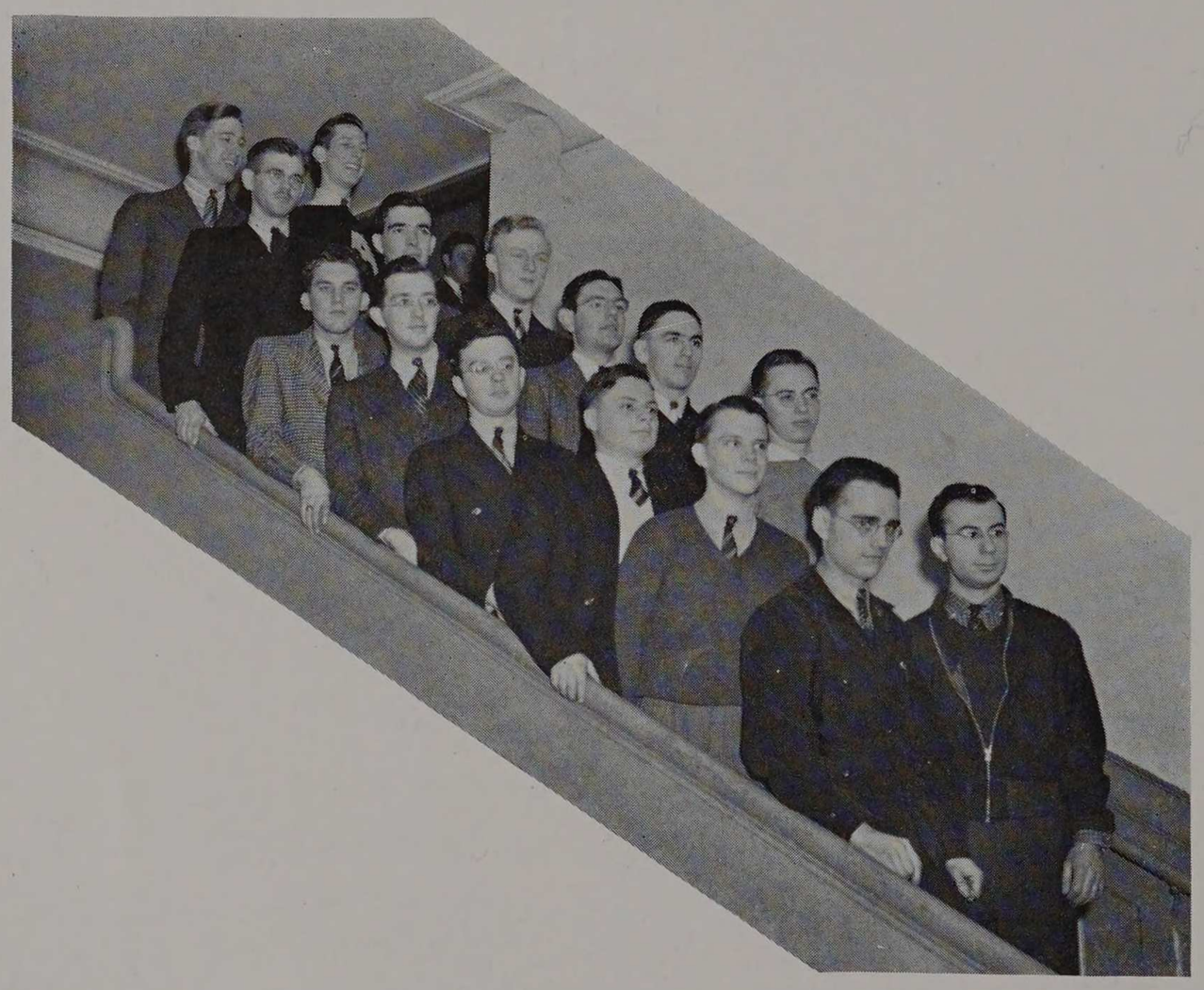


Second Row: Stanley, Crouse, Blastik, Hellman, Anthony, Matson, Bullen, Hermanovich, Barry, Hulett, Hahn. *First Row:* Dworzan, Baum, Sitko, Druschitz, Pederson, Giannini, Furnner, Crego, Anderson.

'41



Second Row: Dost, Dryer, Michals, Mead, Wessel, Carrier, Niems, Chertow, Grinndal, Molda, Kavanaugh. *First Row:* Naum, Mendelsohn, Stancl, Kettner, Franzene, Gaudio, Matthews, Decker, Waber.



Second Row: Lange, Meyer, Hass, DeMoney, Harmon, Mahn, Rasof. *Front Row:* Larson, Zoellner, Greenberg, Newhart, Speth, Sweeney, Knief, Flood.



Second Row: Role, Zimmerman, Liebrecht, Martin, Olson, Barteldes, Lykowski, Rockelmann, Ehlert, Nagel, Dailey, Bauch, Hruda. *First Row:* Emmons, Hauswald, Kirkland, Newell, Ratzel, Donoghue, Saigh, Goetz, Jacobsen.



Second Row: Ring, Hall, Moy, Zwaska, Bradac. *First Row:* J. Brown, Schroeder, Levinson, Stancl, Schalla.



Second Row: Prymula, Powers, McIntosh, Parkin, Sanowskis, Prane, *Front Row:* Grosse, Gorman, Baer, Huebner, McAleer, J. Smith, Gehle, Sliwa, Beddoe.



Second Row: Roehm, Reynolds, Koos, Nolte, Martin, West, Obergfell, Wegger, Rusanowski, Reimer, Marks. *First Row:* Young, Pfeffer, Krause, Lewis, Murray, Knorring, Wasz, Sauvage.

'41



Walker, Sec'y Treas.; Mays, Social Chairman; Mankus, A.T.S.A. Representative; Ther, President.

SOPHOMORE OFFICERS

ganized unit of the school, ready to take up its position as an integral support of Armour.

The serious business of class elections, class dances, and active participation in Junior Week took on a new and important meaning. We are looking forward to the time when those around us will recognize our status and point with pride to the record built by the class of '42.

We're on our way. The first phase of our adventure is now a thing of the past. Those of us who had successfully hurdled the obstacles of the first year were back again for more punishment. And punishment we received.

It wasn't long before the mystic marvels of calculus and physics were unraveled before our very eyes by such well meaning persons as Messrs. Potter and Krathwohl. The January exams showed that these gentlemen had not labored in vain for by Gad, Gates—We can integrate!

Time has made us all closer friends. Strangely enough, we found time to become members of more than a score of organizations on the campus. The class of '42 was by now an or-



Second Row: McFarland, Zeleny, Krause, Martin, Herter, McAulay, Popp, Eger, Carey, Stone, Duckrow, Garnner. *First Row:* Jencius, Saperstein, Peterman, Eng, Skene, Sieg, Hansen, Bergstrom, DeGiorgi.



Second Row: Kerr, Lindberg, Hoff, Allen, Wagner, Bishop, Daly, Michalek, Krumbein, Edahl, Bell, Papsis, Giese. *First Row:* Geissler, Redmond, Fitzgerald, Miller, Koziol, Brausa, Caplan, Piper.



Second Row: Pleva, Ball, Sundstrom, Silla, M. Johnson, Butkus, Minwegen, Leibrandt, Long, Dieskow. *First Row:* Maslanka, Wheeler, Bergstrom, Gerth, Peilet, Harper.



Second Row: Mayer, Watt, Grasse, Zamirowski, Van Middlesworth, Bergstrand, Persson, Katz, Collender, Swanson, Maenner, *First Row:* Bobek, Mach, Novosad, Cooper, Brazelton, Shepherd, Ellis, Clayton, Hodin, Kastel.

'42



Second Row: Dillin, Buerckholtz, Klein, Kubitz, Smith, Filko, Bittner, Dolfi, Bonar, Matthews, Siew. *First Row:* Schultz, Bredlau, Michyeta, Loftus, Beaudry, Becker, McDonough, Dickens, Bay.



Second Row: Siegal, Landeck, Higgins, Henderson, Means, Martiniak, Olson, E. Clark, Yasui, Goldenthal. *First Row:* Bergstrom, Lundh, T. Brown, Hammond, Tom, Rebechini, Janner, Rademacher, Harmon, Felber.



Second Row: Wilcox, Hameister, Lind, Mueller, Harnach, D. Brown, Sullivan, C. F. Jones, Vander Hulst, Arko, Hartmann, Galandak, Ciembronowicz. *First Row:* Rokos, Caplan, Horwitz, DeBoo, Mankus, Achinakian, Prikos, Florin.



Second Row: Lind, Markell, Cutaia, Schrot, Ther, Staats, Bunce, Seda, Pollack, Katzbeck, Dres, Meinhold. *First Row:* Koehler, Kunst, Leskinen, Clears, Kontos, Cox, Hollander.

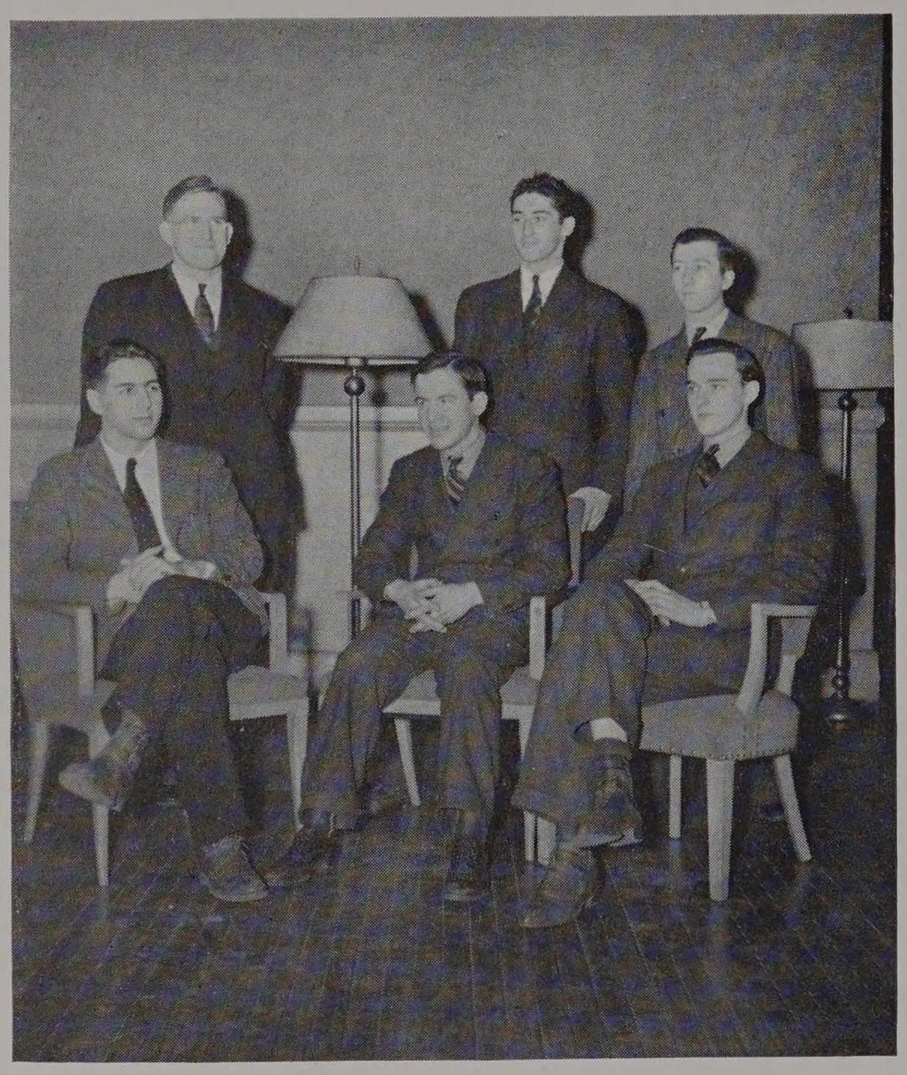


Second Row: Orescan, Sarasin, Stoneham, Spitz, Steinberger, Finkl, James, Groundwater, Dunworth, Toussaint. *First Row:* London, Ferber, Lowy, Rumack, Levin, Blackstone, Rosenberg, Franks, Mays.



Second Row: Allen, Sparenberg, Niezgodski, Perkis, Thibault, Creagan, Ely, Wolaver, Ault, Wood, Walker. *First Row:* Talcott, Suthers, Taylor, Fina, De Stefano, Umbright, Hoffman.

'42



Peterson, Maloney, Noonan, DeSteffano,
McDonald, Schoenwald.

FRESHMAN OFFICERS

1939

September, 1939, brought war to the world and September, 1939, brought the class of '43 to Armour. Motivated by unseen and indescribable forces we were brought to the battle front as cannon fodder to be fed to the guns of learning and knowledge. Captained by Dean Tibbals and Miss Orcutt, we battled three days to emerge victorious. First blood had been drawn and our niche in the building of knowledge was being carved by young and inexperienced members of our class.

New stickers blossomed forth on our heavily laden brief cases to remind all that we were Techawks. Techawks, who are to challenge the world in the future with bigger bridges, gigantic dynamos, and stupendous dams; engineers who are to lay the foundations for the cities of the future.

All was not work, however, for we welcomed the privilege to participate in the social and athletic activities at Armour. The end of the semester saw us firmly entrenched in our place, and the class of '43 was an accepted part of Armour.



Second Row: O'Donnell, Proctor, Roberts, Wynn, Peterson, Ekins, Cies, Schoenwald, Rosenberg, Hawoysh, Croon. *First Row:* McKechnie, Moore, Watson, Brazelton, Cox, Backus, Godfroy, Chenier, Metcalfe.

53

Second Row: Murrin, Mullen, Miller, Waldvogel, Kaeding, Rose, Slosman, Olsen.
First Row: Parrino, Oliver, Jones, R. Smith, Keigher, Funk, Peller, Mahassek.



'43



Second Row: Curry, Duerrstein, Greenberg, Wolfe, Wolak, M. Smith, Elke, Hanson, Leopold, Mathieson, Jorgensen, Vander Mey. *First Row:* Golden, Fischer, Schulze, Gernand, Osikowicz, Geiger, Benz, Harig, Sunde.



Second Row: Doland, Taylor, Schubkegel, Burkart, Johnson, Laudan, Williams, Pruzinski, Navadomskis, Avrami, Hughes, Cibula, Blasco. *First Row:* Litland, Sherman, Cwiak, Lang, Chadwick, Krus, Joseph, Dorman, Byrne, Burrows, Hill.



Second Row: Roser, Carmody, Lambin, Kasman, Hoover, Story, Scadron, Wolfson, Medoff, Pollak. *First Row:* Paganis, Winborne, Matt, Gullborg, Durham, Peterson, Jones, Noonan.

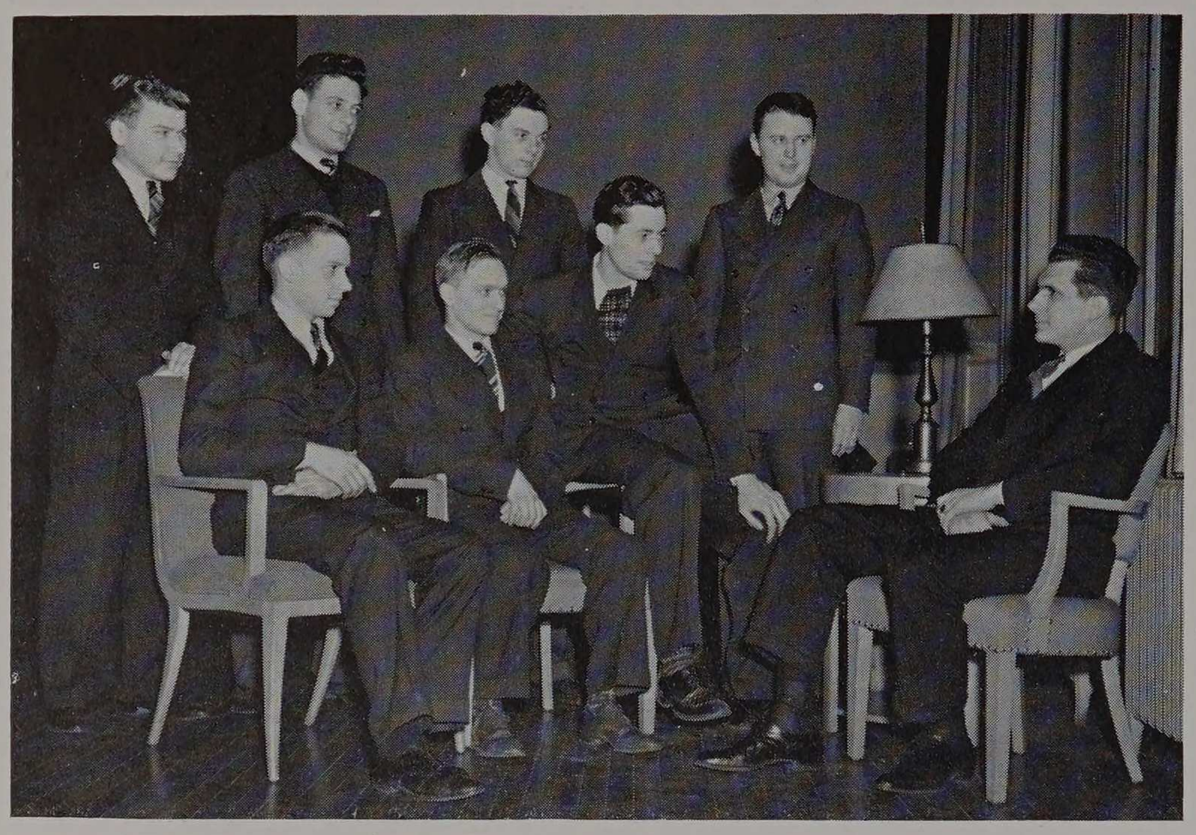


Second Row: Hoffman, Bondi, Swanstrom, Kunzelmann, Kilburg, Pummer, Warren, Storey, Hajek, Carlin, Volakakis, Douglass. *First Row:* Rush, Corr, Havlik, Orsi, Walinski, Hull, Binkowski, Devine, Lease, Jacobs.

Second Row: Maier, Leopold, Ellis, Hadlock, Dumetz, Mejta, Nelson, Weathersby, Amstutz, White, Lees, Ferrard. *First Row:* Fogg, Bechtolt, Schipplock, Hickendorf, Meinhold, Rice, Rasins, Yuknis, Bellis.



'43



Second Row: Colombe, Sogin, Kocourek, Meyers. *First Row:* Schellschmidt, Heidenreich, Hemphill, Whittingham.

CO-OP OFFICERS

With the formation of the Co-op Club, a closer bond between the various classes was established. Under the guidance of the Co-op Club, the Co-op students have availed themselves of the many dances, smokers, and inspection trips offered them.

Cognizant of their novel position in alternating between their jobs in industry and school work, the Armour Co-ops have succeeded in drawing closer the breach between practice and theory.

In February, employee and employer joined hands at a banquet to acknowledge the success of this new program of learning. It is to James D. Cunningham, Chairman of the Board of Trustees of Armour Institute, and General Thomas S. Hammond, President of the Illinois Manufacturers' Association, founding fathers of the Armour Co-op Plan, that the Armour Co-operative students owe a debt of gratitude.

Armour Co-op students are eagerly looking forward to February, 1941, when the efforts of the first group of students to enter the co-operative plan offered by the Institute will culminate an intensive five year period of theoretical and practical training. At that time this pioneer group will be eligible for the degree of Bachelor of Science in Mechanical Engineering.

The Co-ops now at full strength, numbering four hundred in all, have become a part of Armour in its fullest meaning. They are no longer a separate and distinct group, set apart from the rest of the student body. These men have joined and assumed leadership in many athletics and extra-curricular activities about the school.

Co-ops



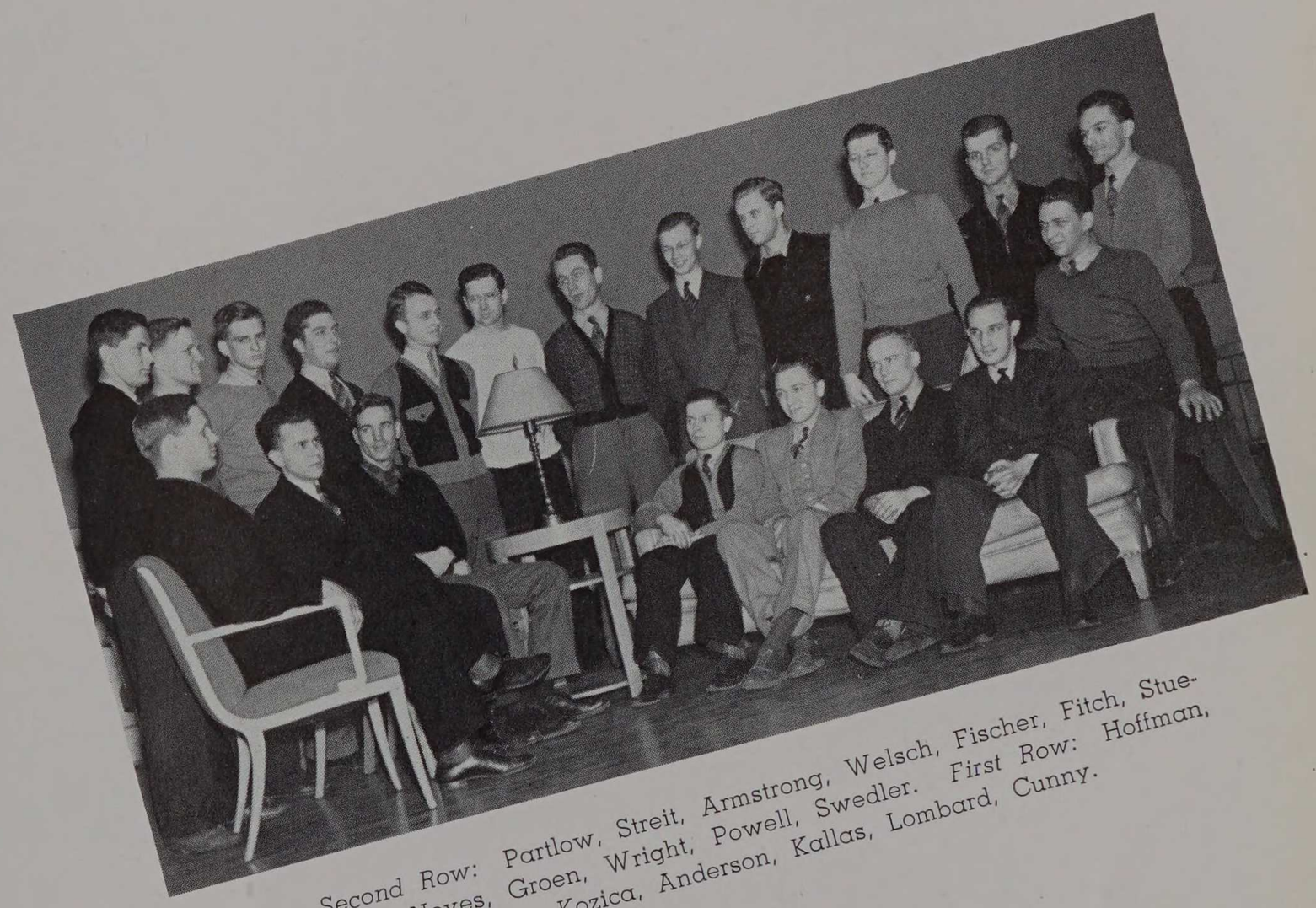
Second Row: Beyer, Hansen, Buchhass, Bosanac, Webb, Conrad, Kaplinski, Dwyer, Koch, Carlson, Schellschmidt, Graham, Wienold, Nelson, Langewisch. *First Row:* Poppe, Schultz, Mascarello, Elwood, Koeller, Lundgren, Vander Ploeg, Nerhus, La Rue, Johnson, Withgott.



Kehoe, Platzner, Turrell, Ambramsson, Radkiewicz.



Second Row: Parrinello, Adams, Ericson, Jemsek, Aikens, Neiman, Mink, Green, Jensen, Tichy, Shearer. *First Row:* Gullett, Bagdon, Brown, Johnson, Lee.



Second Row: Partlow, Streit, Armstrong, Welsch, Fischer, Fitch, Stuecheli, Noyes, Groen, Wright, Powell, Swedler. *First Row:* Hoffman, Boyer, Alderson, Kozica, Anderson, Kallas, Lombard, Cunny.



Second Row: J. C. Hill, Johnson, Zywot, Maertin, J. M. Anderson. Grakaw, C. F. Hill, Colantonio, Smith, Hutchings, Appelt. *First Row:* Gaderlund, Wierzbicki, McKeon, Schmidt, Burkland, Nelson, Lavold, Hawkins, Parker, Whittingham.

Co-op



Second Row: Lawrence, Tolbert, Van Santen, Johnson, Fors, Crawford, Werninghaus, Mahoney, Szekely, B. Clark, Turner. *First Row:* Witmer, Brown, Carqueville, Hornbaker, Dunsheath, Sundeen, Costello, Madson.



Second Row: Opila, Kraus, Warhus, Stromberger, Clarke, Duree, Adamek. *First Row:* Hunt, Schauberger, True, Lind, Dargel, Weiss, Guckel.



Second Row: Beckmann, Olinger, Schmal, Krantz, Kulieke, Kleinwachter, Leverenz, Heidenreich, Schoeffmann. *First Row:* Kosley, Kallevik, Blaida, Chubinshi, Hollowich, Schmidt, Olsen, L. Smith, Woods.



Second Row: Strodtman, Hughes, Antrim, Nordhaus, Hunstiger, Heidorn, Piepenbrink, Roetter, F. Johnson, Voderberg, Carlson. *First Row:* Wittekindt, Domenz, Crawford, Young, McMacken, Croakski, Joboul, Tarrson.



Second Row: Danson, Siebert, McGinnis, Hayes, Swanson, Cuculic, Jensen. *First Row:* Westphall, Bobco, Wierciak, Stryz, Stone, Olchawa, Sullivan.



Second Row: Jachimiec, Hemphill, Ceroke, Sternberg, Lunde, J. A. Briggs, H. Smith, Colombe. *First Row:* Villiers, Witte, Simpson, Milleville, Levey, Bakaler, Futterer, L. W. Briggs.

Co-op

Co-op



Second Row: Duke, Davison, Gentzler, Fischer, Yardley, Kraegel, Zacher, Fuchssteiner, Lawrence, Fulton. *First Row:* E. Palm, Armstrong, Cooper, Joeger, Logue, Voras, B. Palm, Zeigler.



Second Row: Kruse, Anthony, Hering, Nigrelli, Ahlstromer, Radvillas, Ruhe, Zalewa, Jones, Wilms. *First Row:* Garvey, Larinoff, Wognum, Parker, Gustavson, Meyers, Kucera, Johnson, Taylor.



Second Row: Erikson, Rittenhouse, Williamson, Apitz, Shearer, Ricca, Fiddelke, Otto, Ballard. *First Row:* Olsen, Devitt, Pavlinek, Burris, Resnais, Tucker, Rowbotham, Banks, Kreuser.

Second Row: Irwin, Villiers, Sogin, Sobilo, H. C. Johnson, H. R. Johnson, Kolom, Aggerbeck, Ramseth, Barnabee, McCleneghan, Robbins. *First Row:* Adams, Woodbury, Schneider, Smith, Minter, Carner, Robin, Zimmerman.





Second Row: Lesage, Cavanagh, Hanuska, Reider, Berg, Milewski, Koenig, Windstrup, Juergens, Hanneman. *First Row:* Walsh, Wideman, Rapp, R. Erickson, Till, Miles, Kocourek.



Second Row: Mason, Hemzacek, Hedeen, LoPresti, Excell, J. Anderson, Reardon, Lacey, Altenkamp, R. Anderson, Lofrano, Mickel. *First Row:* Hawken, Soderberg, McHugh, Schanz, Cummens, S. Johnson, Cameron, Bourke.

Second Row: D. Bickell, Grote, Kraegel, G. Bickell, Jasis, Mangan, Loben, Cibira, Wasisco, Adams. *First Row:* Gibney, Staroba, Snowdon, Mock, Manstrom, Valaitis, Sandusky.



Co-op

CAMPUS



BLACK KNIGHT

HONORARY MEMBERS

C. A. Tibbals

P. C. Huntly

J. J. Schommer

H. T. Heald

Bernard Weissman

Jack Clark

James Fahey

George Hanna

Thomas Hunter

William Hutton

Donald Mackey

Lloyd Norkus

Donald Sunde

Eugene Worcester



A. T. S. A.

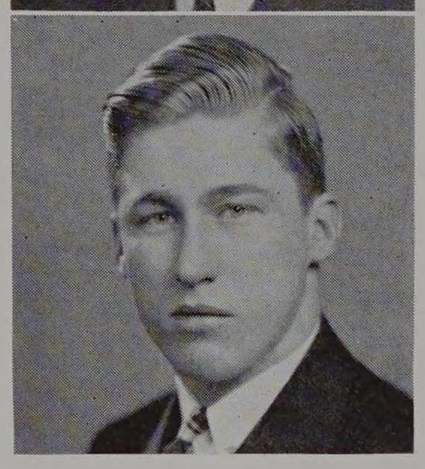
OFFICERS

Jack A. Clark	*President*
Richard A. Larson	*First Vice President*
Clay W. DeMent	*Second Vice President*
Fred W. DeMoney	*Secretary*
Roman T. Mankus	*Sophomore Representative*
Rocco DeStefano	*Freshman Representative*

J. Clark



R. Larson



FACULTY

George S. Allison — Henry T. Heald

Philip C. Huntly — John J. Schommer

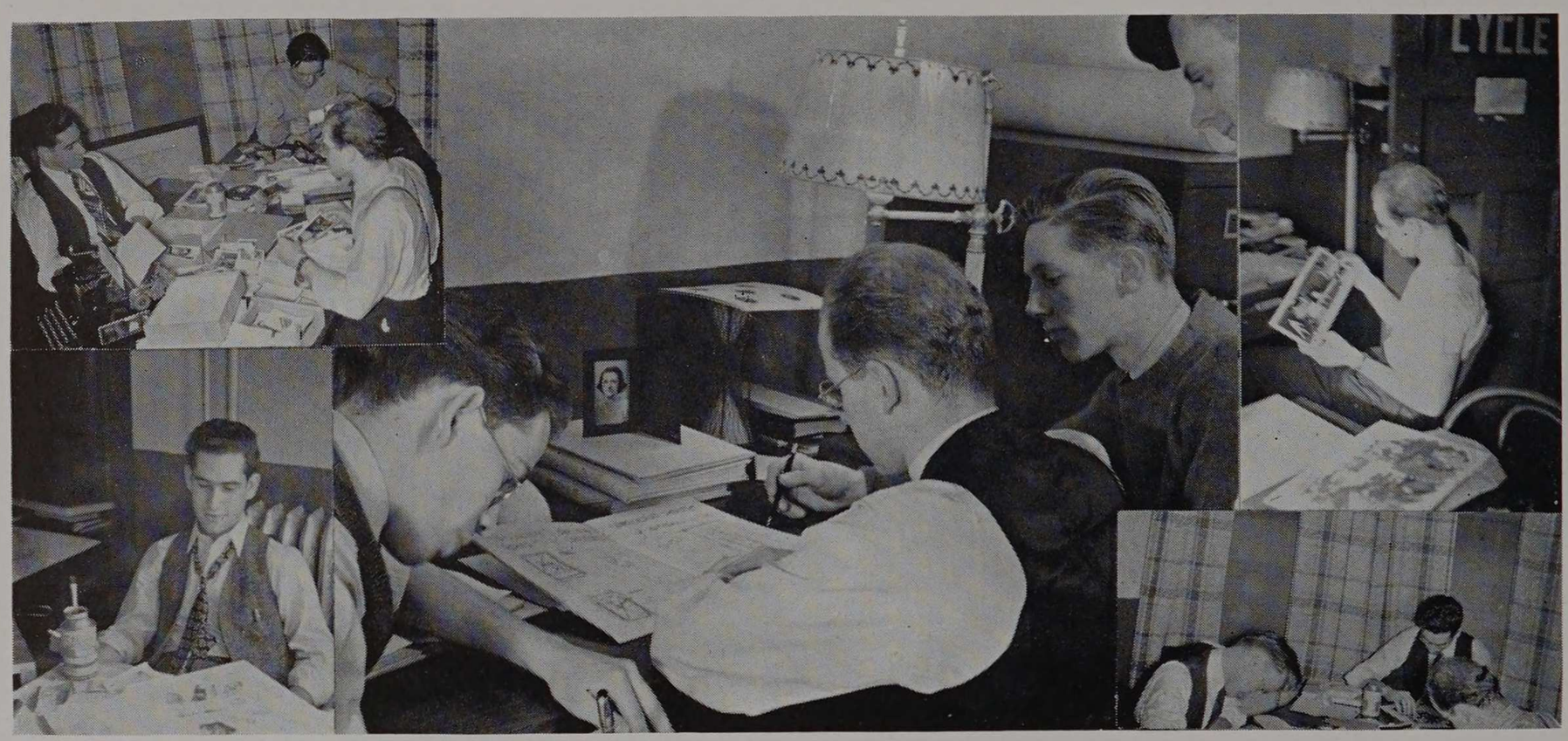
Charles A. Tibbals

The Armour Tech Sudent Association is the administrative body of the undergraduate college. Composed of two men from each of the upper classes, a single representative for each of the under classes, and five faculty members, it is in charge of the allocation of all student funds. Its principal responsibility is the operation of all athletic activities. Sweater awards, and intramural honors are within its jurisdiction. The CYCLE and the Armour Tech News receive their funds from it, as well as the Musical Clubs and a number of other student organizations.

Instituted several years ago, the annual Fathers and Sons banquet, sponsored by this organization, has been a highly successful means for bringing together at the Institute the student and the principal behind him. Here dads meet the faculty as well as each other. With the broadening of campus activities each year, the need for student expression and faculty cooperation has grown to where this group exercises a most important function in Institute affairs.

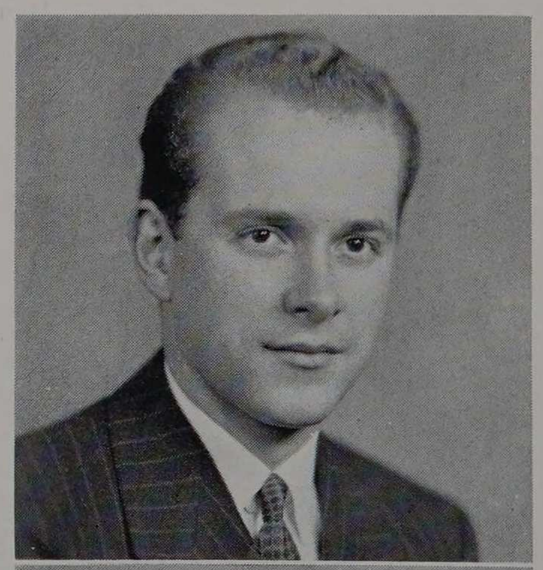


THE 1940



E. Worcester

R. Erisman





The publication of the CYCLE is not the task of a single person, nor even of a few. To be sure, the editor must organize his material and keep production up to schedule, but the real bulk of the work is handled by his staff. This editor is greatly indebted to the men who have given their time and talent in producing this edition. The artists, writers, photographers, business assistants . . . all who have contributed many hours and many more ideas toward making this a better book.

The cooperation of the faculty, photographer, and engraver, as well as the entire student body, has been a vital factor in making possible the 1940 CYCLE. It is the hope of all who have helped in its production, that it will be remembered long and often referred to as an outstanding account of the life on and off campus here at Armour Tech.

CYCLE

THE STAFF

Eugene Worcester — *Editor*
Ralph Erisman — *Business Manager*

ASSISTANTS TO THE EDITOR

Arthur Hansen
Sidney Silverman
Robert Lange
Lionel Naum
James Waber
Harris Zimmerman
Warren Spitz
Robert Rose
Raymond Kaeding
Walter Dahl
Robert Kohn
Eugene Kalnin
Edward Center
Robert Greenberg
Fred DeMoney
Rudolph Zoellner
Arthur Hauswald
Forrest Wolf
Robert Mahassek

William Horton — *Art Editor*
Ernest Mandel — *Art Editor*

ASSISTANTS

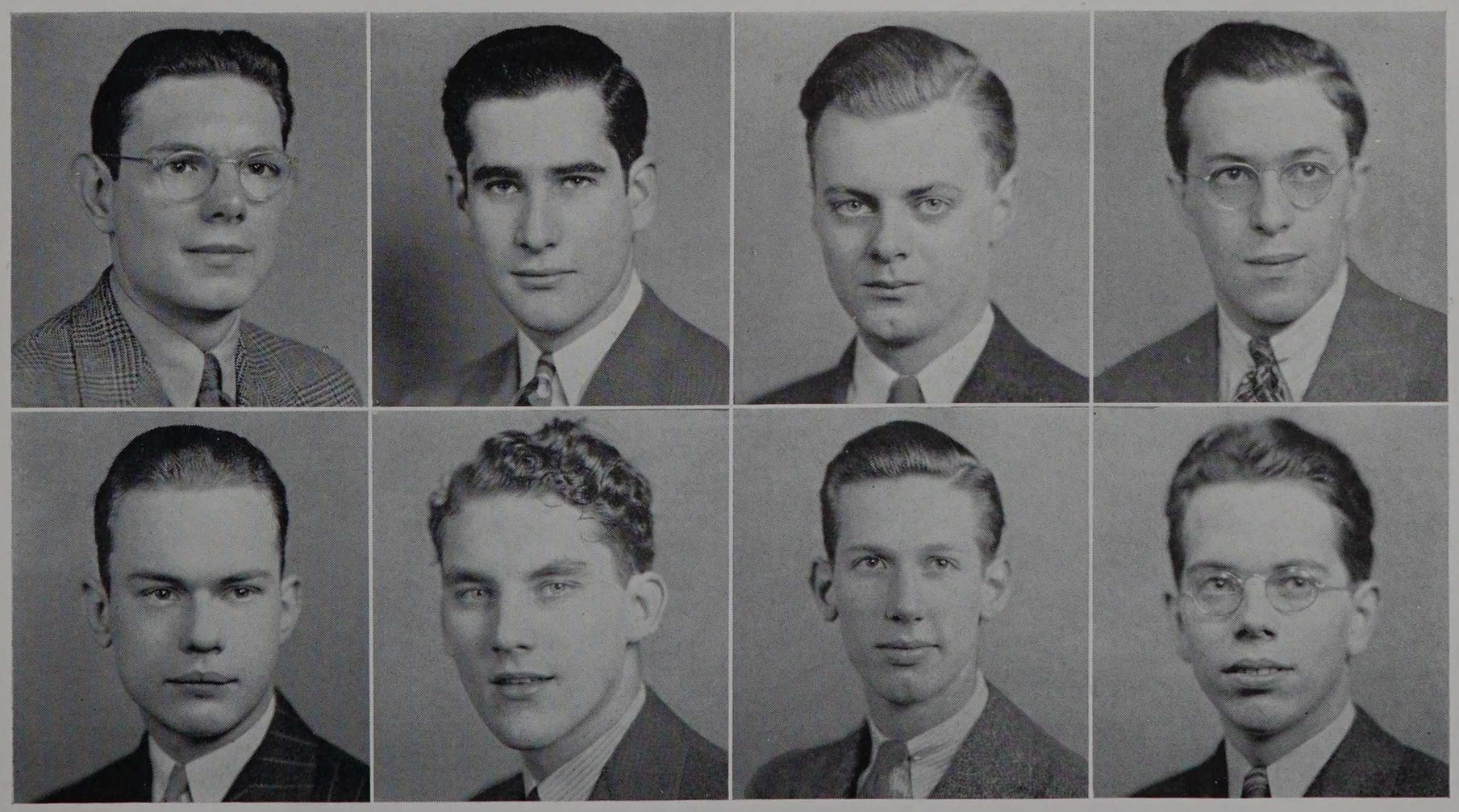
Charles Kulieke
Julius Mirotsnic
Leonard Reinke
Ludwick Blumberg
Marshall Salzman

ASSISTANTS TO THE BUSINESS MANAGER

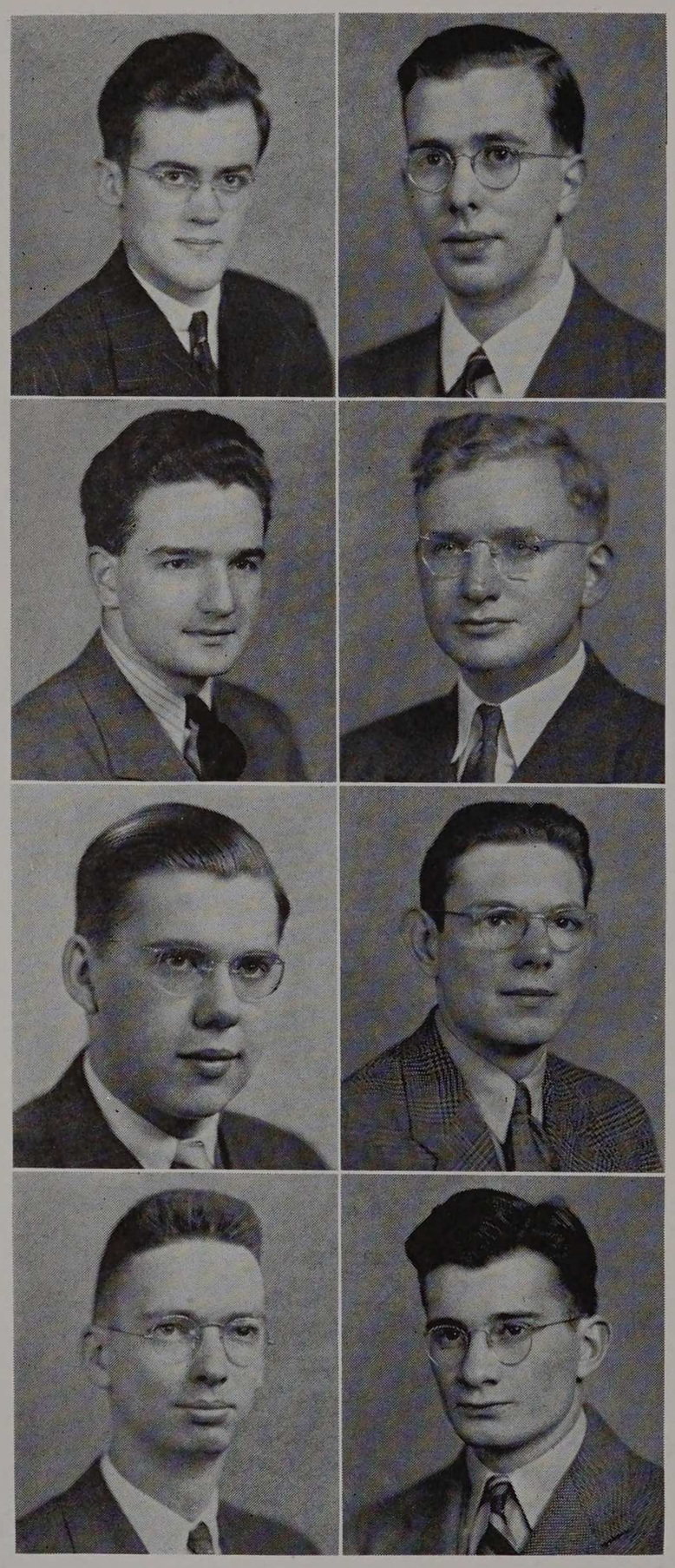
William Yeager
Carl Anderson
Donald Crego

DeMoney
Mandel
Horton
Naum

Yeager
Greenberg
Lange
Waber



THE ARMOUR



Hunter

Slavin

Fahey

Opila

Bartusek

DeMoney

Woods

Aberer

THE STAFF

EDITORIAL

Thomas Hunter	*Editor in Chief*
Francis Opila	*Managing Editor*
James Fahey	*Sports Editor*
Robert Bartusek	*News Editor*
Arthur Hansen	*Feature Editor*
Peter Woods	*Rewrite Editor*
Eugene Kalnin	*Copy Editor*
Irvin Dzikowski	*Desk Editor*
Joseph Aberer	*Assignment Editor*
Robert Mead	*Assignment Editor*
Walter Hendricks	*Faculty Adviser*

ASSISTANTS

Frank Hull, Herman Krantz, Edward Hanuska, Arthur Minwegen, Fred Prather, Charles Schultz, Sid Silverman, George Frost, Sidney Heenan, Dan Brown, Tom Brown, Marvin Camras, Ernest Colant, Ed Francone, Ed Gruca, Michael Kunz, Don Mackey, Charles McAleer, Bud Murray, Warren Spitz, Bob Underhill, Jim Waber, Bernard Chertow, Don Crego, John Golden, Herman Tachau, Floyd Anderson, Fred DeMoney, Art Hauswald, Harold Cortez.

BUSINESS

Frank Slavin	*Business Manager*
William Speth	*Advertising Manager*
Ralph Erisman	*Circulation Manager*

ASSISTANTS

Bob Abrahamson, Robert Maxwell, Melvin Johnson, Richard Harper, Lewis Maze.



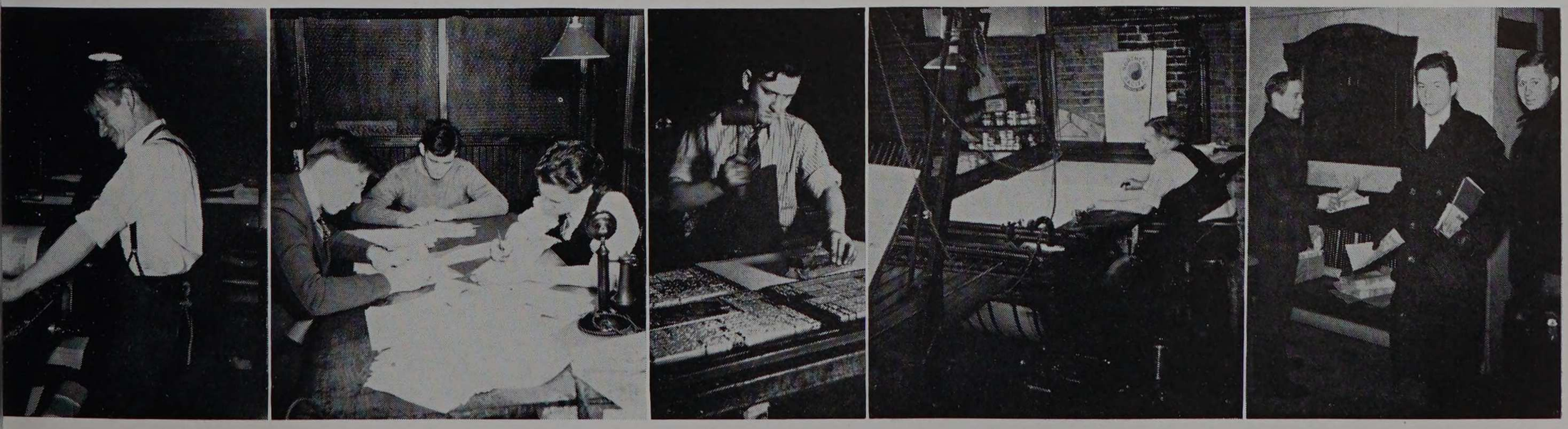
TECH NEWS

A student newspaper is a necessary item on every college campus, if the dissemination of current campus news and expression of vital student opinion is to be effected. With this need in mind, the first issue of the Armour Tech News appeared April 9, 1928, under the guidance of Professor Walter Hendricks and the sponsorship of Sphinx, honorary literary society. It pledged ". . . our only aim will be the aim of our great Institute. Our only hope will be to have something vitally important to say, something about ourselves, and something about our school. We will serve no group, save the group to which we all belong." Since then the paper has constantly grown and flourished until today its distribution represents a high point in the campus week.

A new staff is elected each year to manage the affairs of the paper. Each has added its individual touch to the style and formation of the News and has left the mark of its personality upon the paper. The average student little realizes the enormous amount of work and time which goes into the publication of an issue. Assignments, coverage of news sources, writing of the stories, proof-reading, rewriting, linotyping, checking for linotype errors, resetting, final checking, page makeup, page proof-reading, printing, and final distribution to students . . . all of these must be done weekly by the staff.

General news, sports, editorials, and the never ending specials and features all help to make the final paper. Tom Hunter and his hard working staff combined to make the thirty-one issues of 1939-40, including the "scoop" edition announcing the Armour-Lewis merger, a great success. The new staff, headed by Peter Woods, bids fair to maintain those standards and practices which have made the News an inseparable companion of student activities.



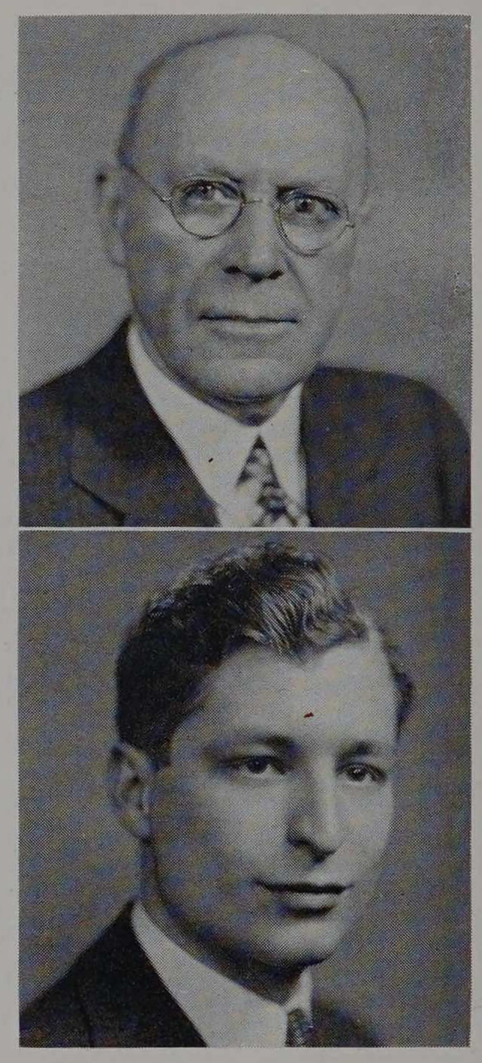


THE ARMOUR ENGINEER and ALUMNUS

October, December, March, and May—these are the significant months of the years for the now thirty-one year old Armour Engineer and Alumnus. It is during these months that its twenty-five thousand copies reach out to all corners of the globe and bring to alumni, students, and friends news and comment upon the work at the Institute. To countless others it brings articles of current interest on technical and semi-technical subjects.

The Engineer is received by leading scientific libraries the world over. Our own national scientific societies also include this outstanding publication on their shelves. Its seasonal outdoor scene and dashing band of color across the cover are familiar to all its readers. Its contents are eagerly scanned by the alumni for news of their former fellow students and of the latest progress of the Institute. The features, written in popular tempo, serve to focus interest on engineering accomplishments and, in particular, upon Armour's contribution to industrial and scientific progress.

Serving thus the dual purpose of integrating alumni activity and publicizing the work of the Institute, the Engineer has achieved a definite and necessary position in the program and future of the school.



J. B. Finnegan

A. P. Schreiber



STAFF

J. B. Finnegan	*Editor*
A. H. Jens	*Alumni Editor*
A. P. Schreiber	*Business Manager*

STUDENT EDITORS

B. E. Flood	D. E. Wessels
G. R. Mahn	R. A. Zoellner

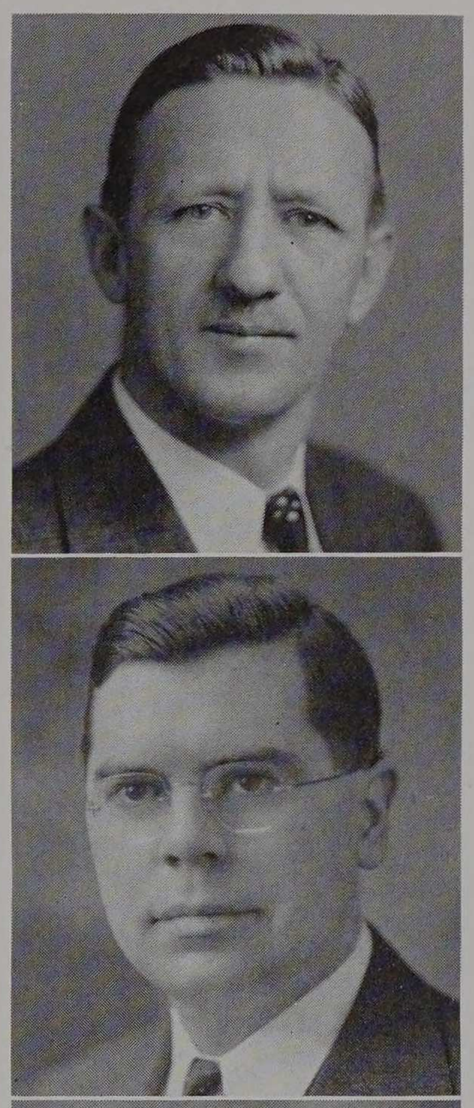
H. A. Meyer

Little known to the average student, the Student Publications Advisory Committee, in its sixth year of operation, continues to unobtrusively guide the destinies of campus literature. Three former committees, functioning prior to 1934, headed the Cycle, the Armour Tech News, and the Engineer and Alumnus. Each committee was composed of faculty advisors and the student editorial board of the publication. Large and unwieldy, the committees had no factor of coordination or cooperation and were unable to satisfactority settle questions of general policy and plan.

To eliminate these evils, the Advisory Committee was established in 1934 as an effective means of integrating the work of the publications. Headed by Professor Walter Hendricks, and consisting of Professors Billy Goetz and W. W. Colvert, it has established a systematic budget apportionment and has clarified individual editorial policy and scope.

In keeping with the purpose of the campus student publications, the advisory committee has maintained a policy of nonintervention as regards the actual production of the various student literary activities. The responsibility, both editorial and business, of organizing, editing, and producing is purposely relegated to the students in charge, making the Armour Tech News and CYCLE completely the result of student endeavor.

Inactivity on the part of the advisory committee is not to be presumed in their course of refraining from dictating the policies and practices of the campus publications. Each year they offer invaluable advice to inexperienced staffs, especially in matters regarding the financial aspect of production in which they are especially well qualified through their years of experience on the committee.



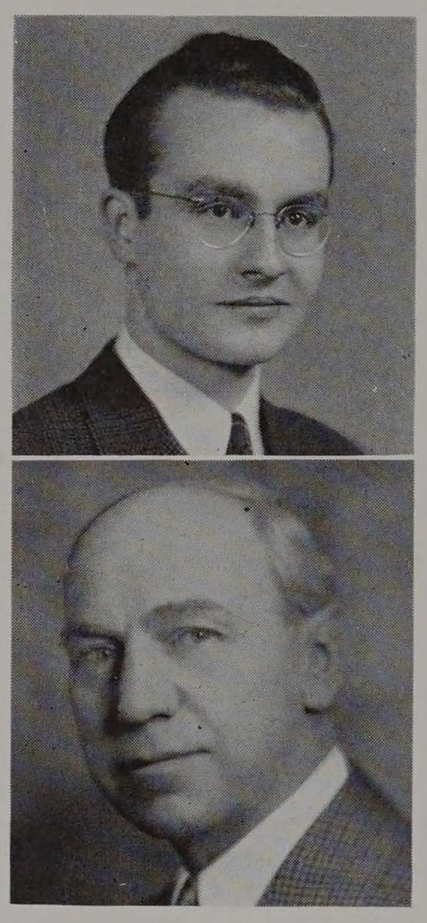
W. Hendricks

B. Goetz

W. Colvert

STUDENT PUBLICATIONS ADVISORY COMMITTEE

THE MUSICAL



W. Mashinter

O. G. Erickson

THE MUSICAL CLUBS

William Mashinter	*President*
Moorman Balis	*Manager*
Francis Opila	*Secretary*

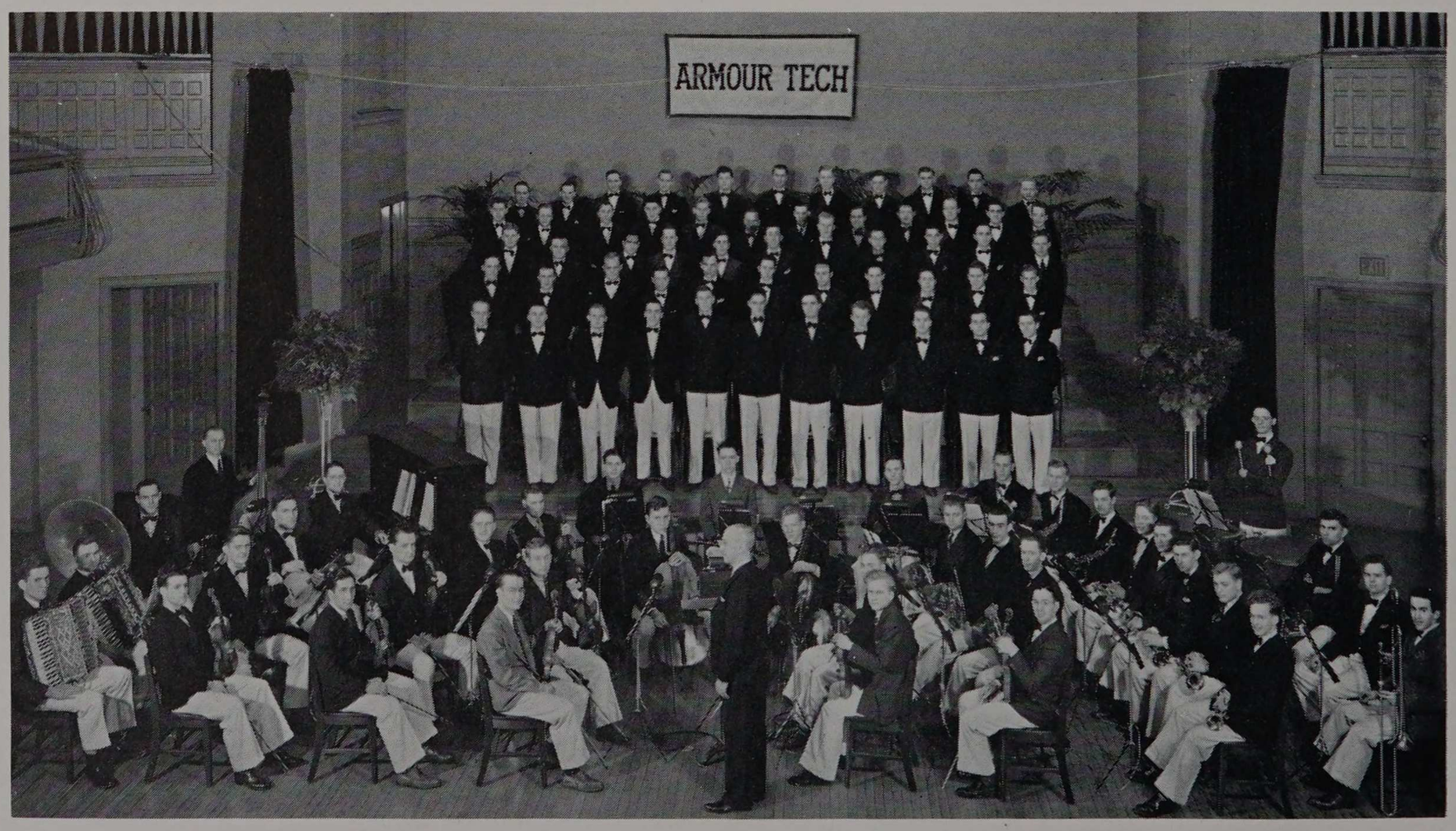
THE ORCHESTRA

Harold Doolittle	*President*
Elmer Ratzel	*Manager*
Donald Charlton	*Secretary-Treasurer*

GLEE CLUB

Francis Slavin	*President*
Paul Foss	*Manager*
James Murray	*Secretary-Treasurer*

O. Gordon Erickson, *Director*



C L U B S

Armour Institute has always mantained a justifiable pride in its musical clubs. The fine quality of the men and the high calibre of their work is truly a credit to the Alma Mater.

The combined enrollment of one hundred and fifteen members, of which forty are in the orchestra and seventy-five in the glee club, proves that even at an engineering school students are interested in the fine arts. To substantiate this statement is the splendid reception that the Armour student body always gives the orchestra and glee club at every home concert.

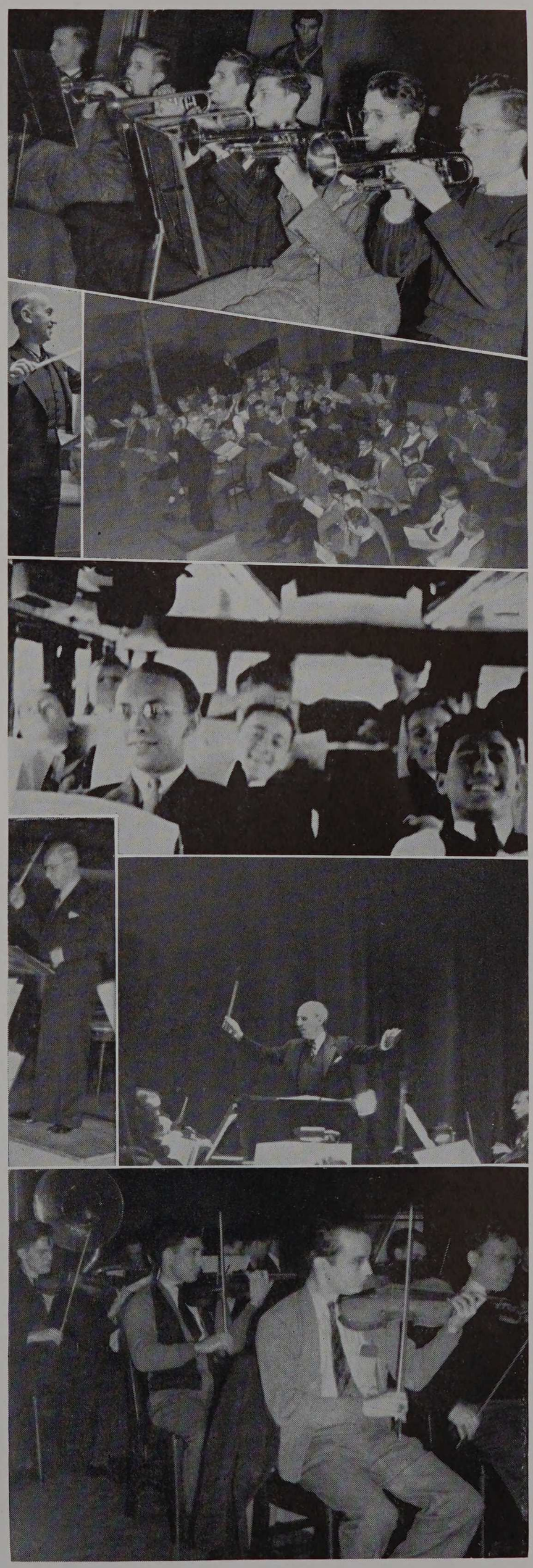
Since 1933 Mr. O. Gordon Erickson has directed the clubs. His splendid leadership comes primarily from his excellent and broad musical background, and secondly from a congenial personality that wins the respect and admiration of every member of the clubs and of the audience for whom they perform.

Presenting a wide and entertaining program, which included several novelty acts, the clubs had many engagements during the year. Two men who never failed to "stop the show" were the "Mad Russians", Ted Gromak and Herb Hansen. With Herb behind the accordian and Ted on his mandolin, they danced and sang familiar Russian songs. Other soloists were Bernard Domenz, tenor; Robert Hemman, bass; Robert Scott, tenor; Harold Doolittle, trumpet; Donald Charlton, trombone; Peter Woods, oboe; Gus Mustakus, violin; William Mashinter, violin; and John Segner, drums.

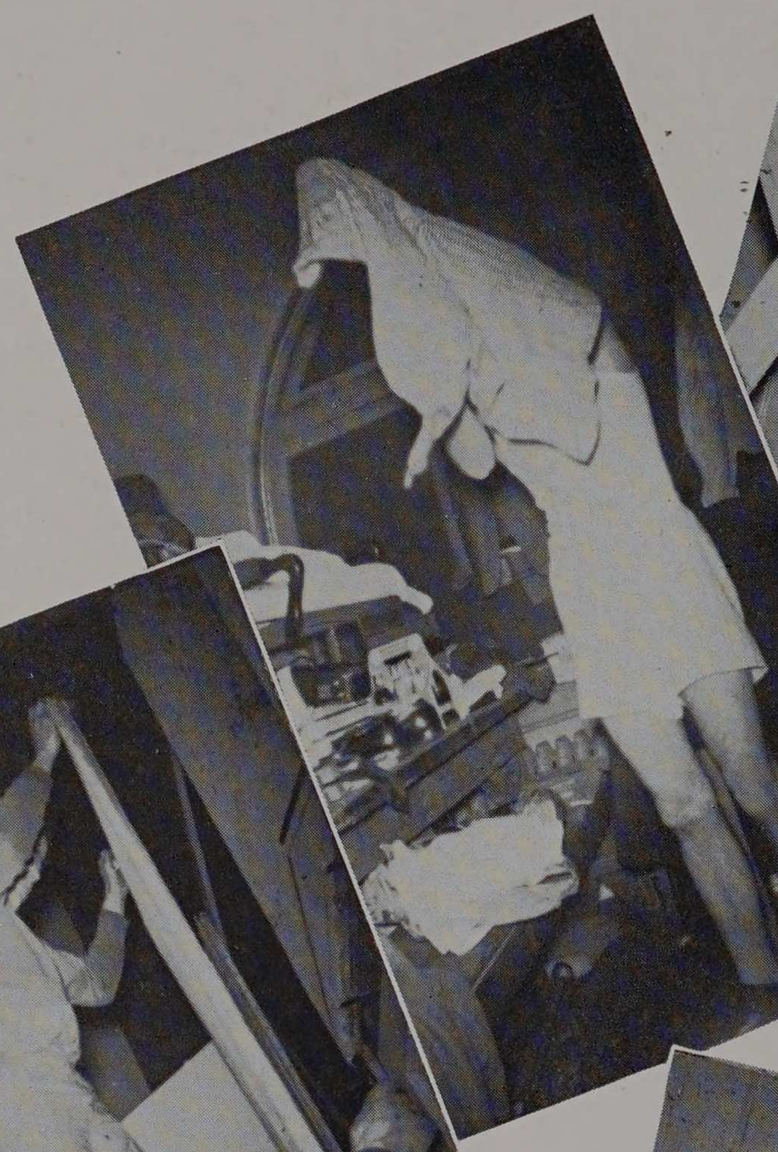
The ensemble in both the glee club and orchestra has been developed to a fine degree, and in all their concerts both combinations have pleased the most exacting critics.

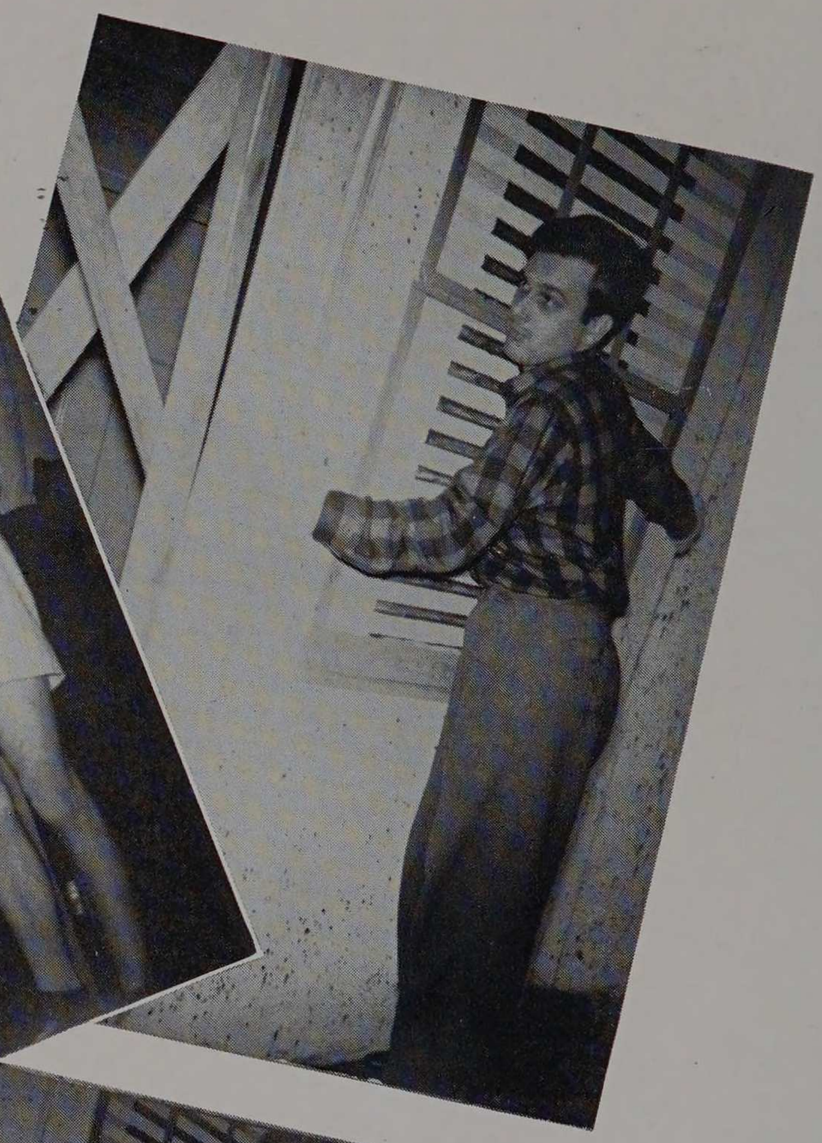
ENGAGEMENTS

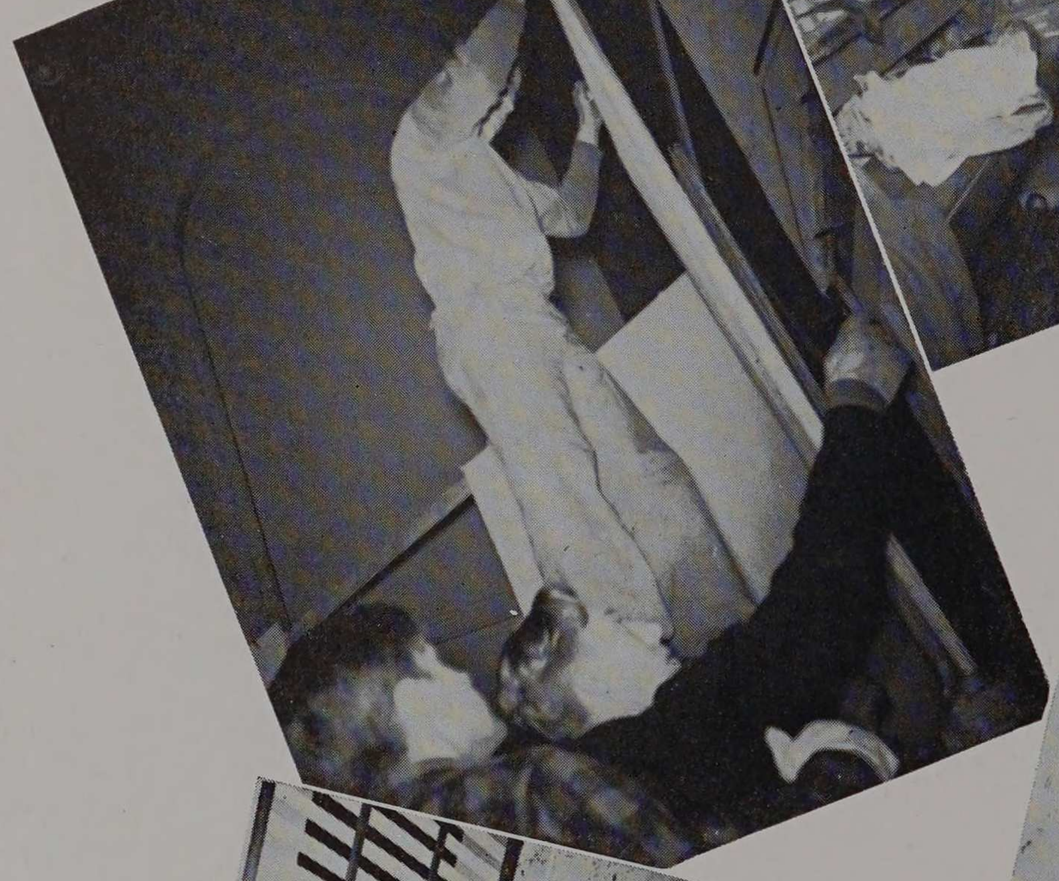
Art Institute of Chicago
Shawnee Country Club
Goodman Theatre
Columbia Broadcasting System
Harvey Men's Club
Rotary Club of Chicago
Tilden High School
Calumet High School
Kiwanis Club, Milwaukee
Armour Christmas Concert
Armour Spring Concert
Deerfield Shields High School
Armour Alumni Banquet
National Broadcasting Company

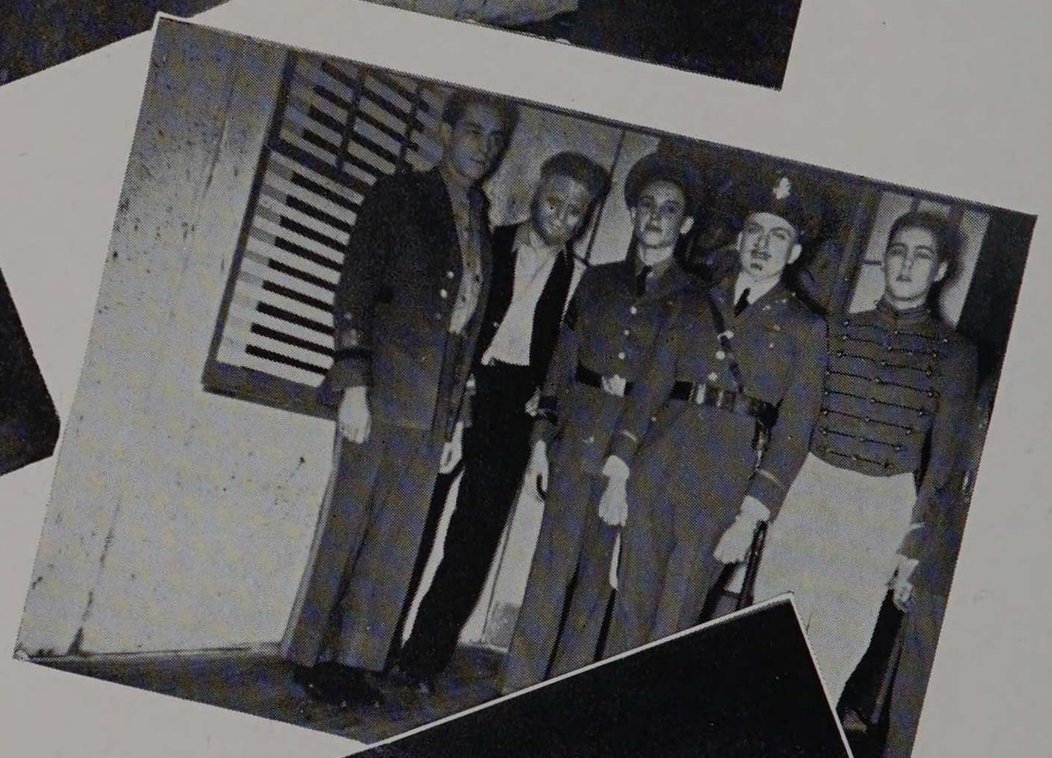


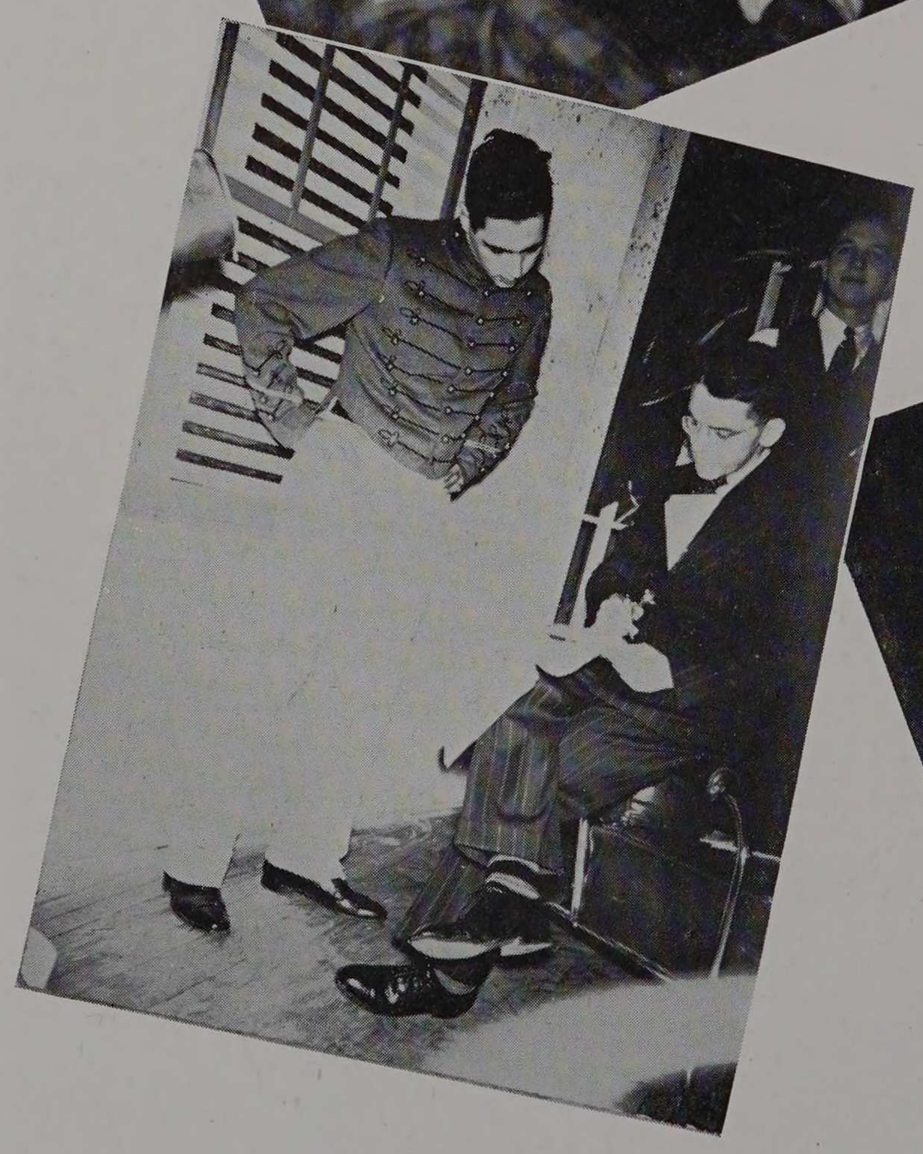


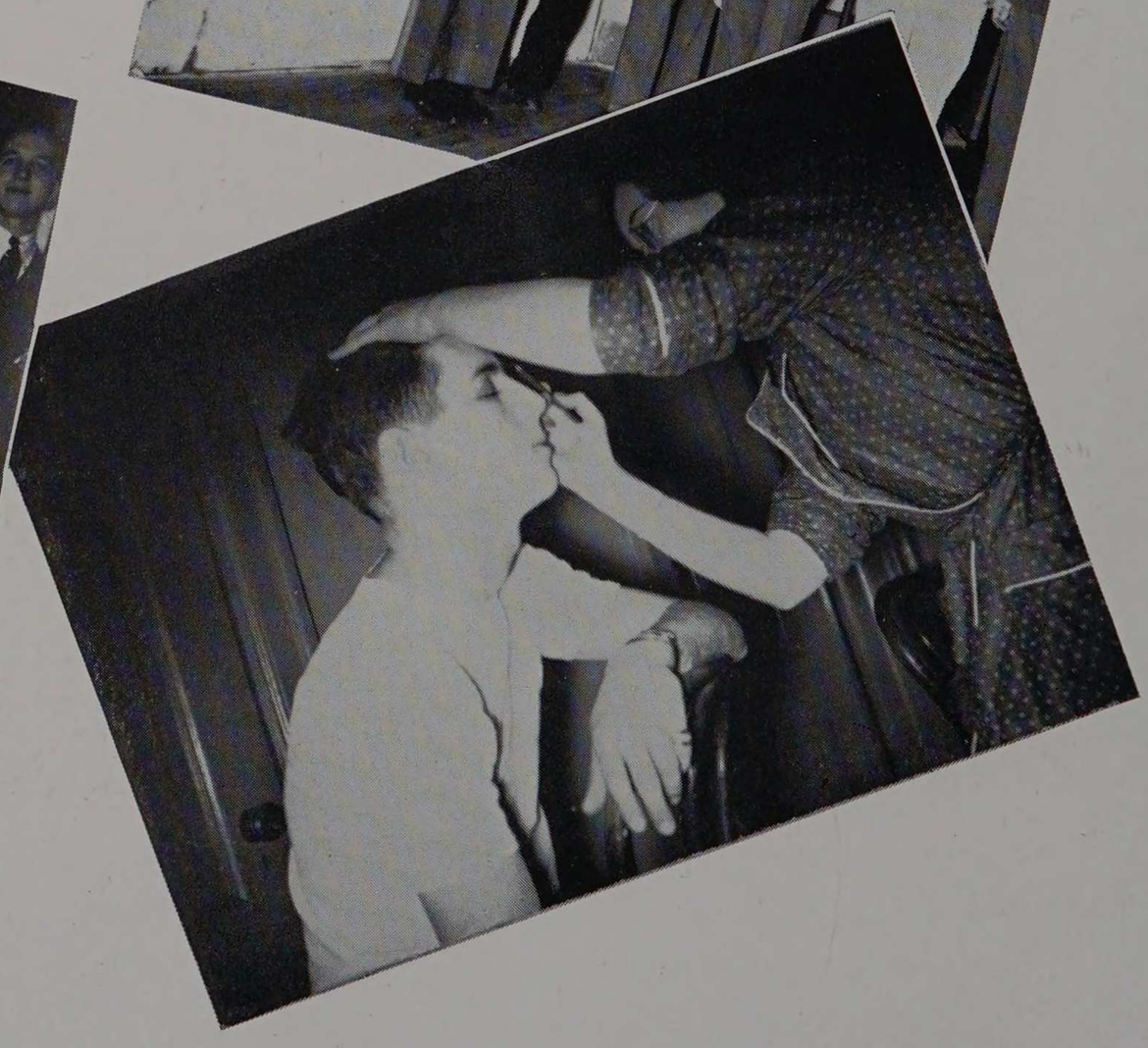




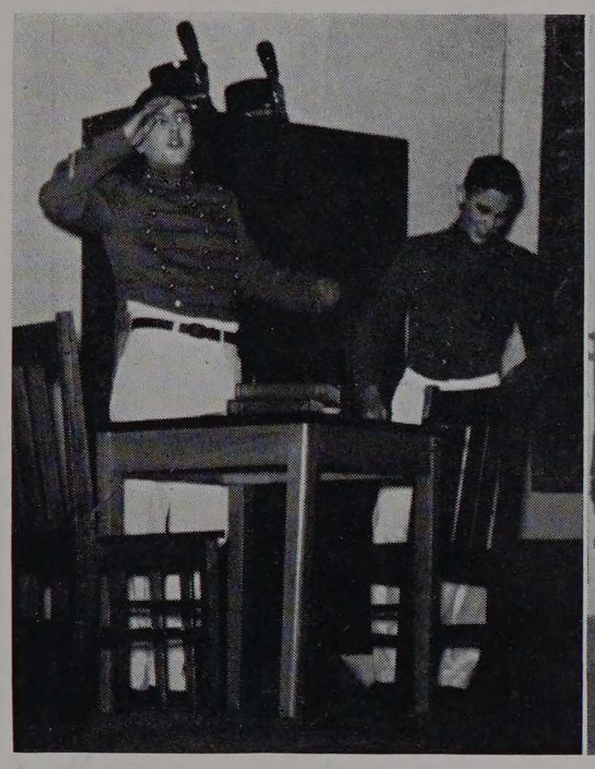








THE ARMOUR







Maintaining tradition, the Armour Players have kept alive the spirit of dramatics at Tech, and kept it alive in an excellent fashion. A student organization from director to stage hand, it produced two hit sellouts this season. "Brother Rat", staged last fall, brought salvos of applause and acclaim to the entire troupe for an evening of pleasure and good playing. Spring brought the casting of "Room Service", another current and popular stage hit.

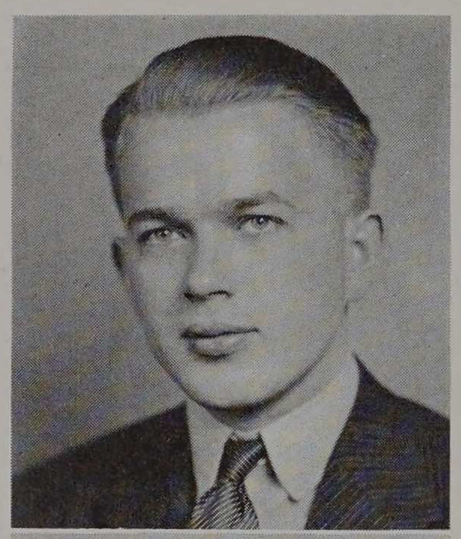
The triumvirate of Charlie Schultz, Bernie Sternfeld and Bob Underhill is largely responsible for the successful production of these plays. Schultz in the role of "Little Orson", did the directing, while Underhill dashed and produced as stage manager. Sternfeld watched the purse strings, brought crowds to the doors and a balance to the treasury. To top the evening's entertainment, the Players gave an informal dance following each production.



Second Row: Gruca, Epstein, Minwegen, Sanowskis, McDonald, Roarke, Prane, Wilson, Prehler, Haubert, DeStefano, Doolittle.
First Row: Underhill, Sternfeld, Schultz, Duncan, Kahl, Geissler, Pavel, Wasilenko, Kalnin.

PLAYERS

STUDENT UNION BOARD OF CONTROL





D. Sunde

B. Weissman

THE BOARD

Don Sunde, *senior*
Charles McAleer, *junior*
Earle Huxhold, *sophomore*
Richard Malquist, *freshman*
Frank Heidenreich, *co-op*
David Whittingham, *co-op*
Bernard Weissman, manager

The guiding hands behind the operation of the new Student Union belong to the men who comprise the managing board. Composed of seven student members and one faculty manager and advisor, these men determine the various policies for the administration of the building. Rules of conduct that the students must follow when using the Union, amounts of money to be spent for improvements around the building from time to time, and the allotment of rooms for student activities, are among its many duties.

Meetings are held every two weeks, or more frequently if the occasion warrants. Important steps toward the provision of added facilities during the past year have included the conversion of the second floor southwest room in the Union into a rest room for ill students and the acquisition of ping pong tables and rubber mats to convert room U2E into a game room. The purchasing and placing of the new trophy cases in the main student lounge and the handling and purchasing of new records for the radio-victrola in the lounge, with the purchase of a filing cabinet for the phonograph records have enhanced the lounge and given many hours of musical enjoyment.



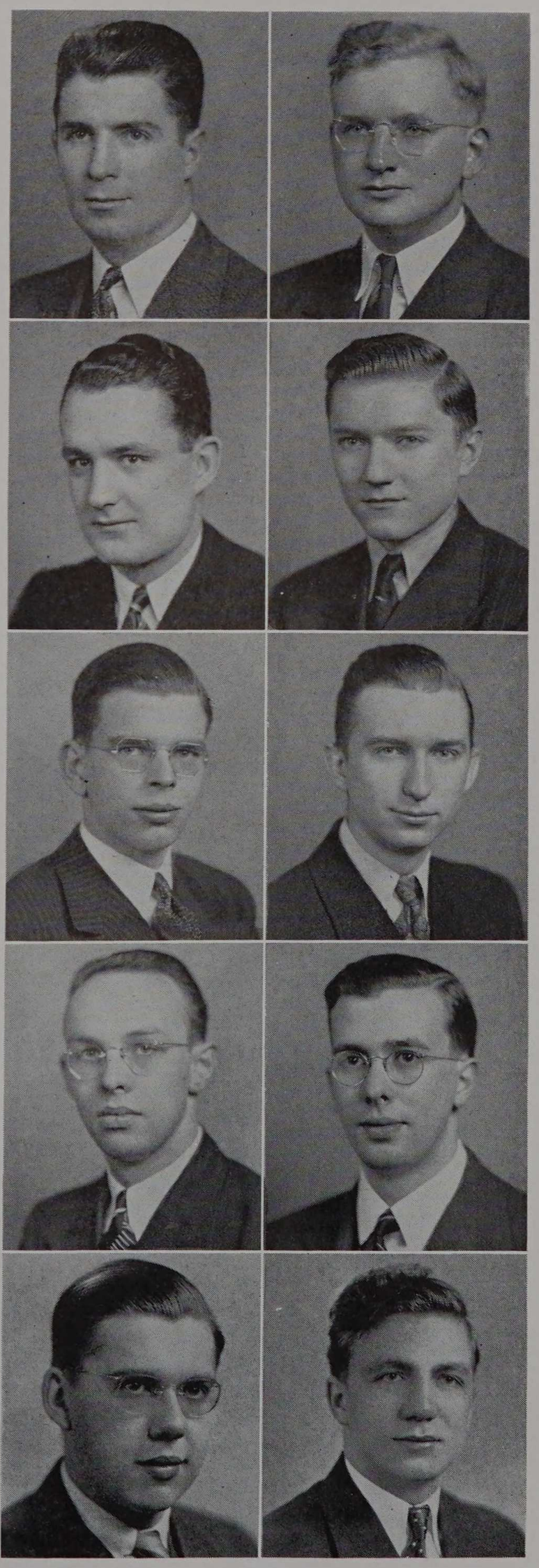
WESTERN SOCIETY OF ENGINEERS

Reorganized both in purpose and scope, the Western Society of Engineers now stands a finished product, a functioning universal engineering society and a tribute to the spirit of co-operation existing between the various departmental societies.

The reorganization was started in 1935, but the final steps toward completion of the present society were taken largely within the past year. Under the present plan, the governing body consists of two representatives elected from each of the engineering societies. These ten men in turn elect their own officers to carry out the program of the society.

Best known of the society's activities are the general assemblies and the notable guest speakers which it has secured. During the last year such eminent figures as the Abbe Dimnet, noted French author and philosopher, and Carl Van Doren, famous biographer, have appeared on its programs.

In general, the Western Society of Engineers concerns itself with matters in which each of the departments has an interest, but which may be better pursued by the united effort provided by the organization.



D. Mackey
F. Opila
C. E.

C. Bigos
R. Ryant
Ch. E.

G. Frost
J. Hartman
E. E.

V. Hassell
F. Slavin
F. P. E.

R. Bartusek
R. Wagner
M. E.

OFFICERS

Robert Scott	*President*
Alvin Winkler	*Vice President*
John Catlin	*Secretary*
Raymond Mueller	*Treasurer*
Henry Nachman	*Faculty Adviser*

The year 1910 saw the formation of the Armour Student Branch of the American Society of Mechanical Engineers. It was in that year that the parent society granted a charter to a local organization known as the Senior Mechanical Society. This society, founded in 1905, confined active membership to senior mechanical engineering students and extended associate membership to men who had completed the first semester of the Junior year in the mechanical engineering option. At the present time, all mechanical engineering students, with the exception of freshmen, are eligible for membership.

Since the granting of the Armour Student Branch charter, which has been held continuously since 1910, the Branch has progressed steadily, and a well-balanced program has gradually been developed. Outside speakers and motion pictures are presented during the year in order that the organization may benefit from the valuable and interesting knowledge that these sources offer. In addition, student speakers are encouraged to report on material gathered through personal research, reading, and experience. For the purpose of exhibiting the industrial side of mechanical engineering, frequent inspection trips through manufacturing plants are scheduled, and plans are now being made to establish these inspection trips as an approved course for seniors, carrying regular college credit. The highlight of the year's activity came on April 15 and 16, 1940, at the Stevens Hotel, when Armour acted as host at the annual convention of the Midwest Student Branch, a group comprised of representatives of sixteen colleges in five middle western states.



Top Row: Marks, Sauvage, Toth, H. Hansen, Sullivan, Pfeffer, Murray, Smessaert, Dickerhoof, Urbaniak, Behrens, Galandak. *Second Row:* McFarland, Knorring, Reimer, Druschitz, Krause, Hahn, Wylie, Gentleman, Cannon, McAulay, Nigrelli, Hutchings, Hollowich, Constan, Bonar, Collins. *First Row:* Minieka, W. Johnson, S. Olsen, L. Smith, Epstein, Winkler, Francone, Sternfeld, Gromak, Kosley, Sullivan, Otrembiak.

AMERICAN SOCIETY OF



Top Row: Bartusek, Erisman, Hulett, Roehm, Baum, Hellman, Niems, Obergfell, Ruhe, Jones. *Second Row:* Kohn, Gustavson, Chubinski, Beckmann, Lewis, Young, Matson, Wegger, Krause, Woods, Zalewa, Wilms, Krantz, Hering, Leverenz, Parker, Kleinwachter, Kulieke, Blaida. *First Row:* Kucera, Colant, Furnner, Martin, West, Crouse, Bullen, Scott, Catlin, Rusanowski, Dwarzan, Bredlau.



Top Row: Larinoff, Wognum, Russnak, Ahlstromer, Stimpfl, Floreen, Holle, McDermott, Wolfe, Shaw, Klamka. *Second Row:* Eulo, Abrahamson, Lindgren, Mashinter, Kallevik, B. Johnson, Taylor, Wagner, Dahlin, Meyers, Anderson, Crego, Kruse, Heidenreich, Hermanovich, Anthony. *First Row:* Wasz, Gaebler, Ressler, J. Clark, A. Hansen, Risany, Nachman, Mueller, Blume, Leopold, Balis.

MECHANICAL ENGINEERS

AIChE

OFFICERS

James Meyer	*President*
George Minard	*Treasurer*
Joseph Smith	*Assistant Treasurer*
Edward Dost	*Secretary*
Harry McCormack	*Faculty Adviser*



Top Row: Ryant, Charlton, Schultz, Kazmierowicz, Schweitzer, Underhill, Foss, Rieser, Puhl, Anderson, Kahl, Wessels, Avgerenos, Weinecke, Haubert. *Second Row:* Petri, Miller, Kotulla, Pavel, Prehler, Schrot, Kurland, Flood, Dzikowski, Bigos, Doolittle, Wolfson, Patlogan, Wagner, Duncan, Silverman. *First Row:* Miller, Gruca, Collopy, Sher, Natinchek, Norkus, Minard, Meyer, Newman, Heenan.

AMERICAN INSTITUTE OF



Top Row: Orescan, McIntosh, Prymula, Krueger, Vallino, Parkin, Brierley, Baer, Kiefer, Baumann, Mustakus, Bauer, Tannehill. *Second Row:* Juvrud, Geissler, Grinndal, Segner, Massman, Malela, Persson, Vander Woude, Waber, Molda, Huebner, Caplan, Franzen. *First Row:* Wilson, Furch, Shapiro, Long, Chertow, Mead, Wessel, Dost, Smith.

Beta Chapter of the American Institute of Chemical Engineers dates from 1923, when it was organized at Armour in conformance with the purpose of the society to promote a closer union between the students in Chemical Engineering and to acquaint them with men active in the profession. The society has grown rapidly, largely due to the interest of the students and especially of the faculty. Typical of the faculty interest in the organization is the constant advice, criticism, and flow of suggestions which have come from the society counsellor, Professor Harry McCormack, during the years since its founding.

The bi-monthly meetings of the A. I. Ch. E. constitute its principal activities during the school year. At times on the program a student speaker will appear, though more often, someone with wide experience in a particular field discusses some interesting phase of chemistry or the chemical engineering profession. During the past year, the society has been privileged to hear a number of men representing many of the country's leading industrial organizations. Among the speakers were Dr. Bergman, who spoke on oil cracking processes and automatic control methods used in petroleum refining; Mr. Thompson, of the Corning Glass Company, who explained the manufacture of industrial glassware; and Dr. Freud, of the Institute faculty, who spoke on "Chemical Warfare", and its relation to industrial chemistry.

The growing interest in meetings has resulted in an increased enrollment in the chapter during the past year. The managing committee has added movies to the program to illustrate the topics of discussion and stimulate interest, especially among the lower classmen, in the opportunities the chapter offers to the student in chemical engineering.

CHEMICAL ENGINEERS



OFFICERS

Aloysius Veras	*President*
Ben Cole	*Vice President*
Kenneth Oldenburg	*Treasurer*
George Frost	*Secretary*
Ernest Freeman	*Faculty Adviser*

The American Institute of Electrical Engineers is an organization, national in scope, representing the electrical profession. It was founded in 1884. The society aims to advance the theory and practice of electrical engineering and of allied arts and sciences, to maintain a high professional standing among its members, and to develop the individual engineer. It has been a contributing factor in the remarkable progress that has taken place in the electrical field during the last four decades and has done much in advancing the interests of not only its members, but the entire engineering profession. All branches of electrical engineering are represented in the membership.

Meetings for the presentation and discussion of technical papers and other matters pertaining to the profession are held by the original society in New York and the eighty-six branch organizations located in the principal electrical centers of the country. The same practice is followed in the student branches which are found in the engineering colleges of the nation. An annual convention and additional special conventions, as authorized by the board of directors, are held in different parts of the country.

The policy of co-operation with other engineering societies in matters of mutual interest is promoted by means of joint meetings, and through other opportunities which present themselves. The Federal government has often invited the Institute to appoint representatives and committees to co-operate with governmental branches and they have appeared before congressional and other legislative bodies on subjects concerning the interest of the engineering profession.

The Institute provides opportunity for the interchange of ideas, the presentation, discussion and publication of papers, the formulation of standards and codes, the advancement of ideals, and the cultivation of the spirit of co-operation. Seeking these advantages, a group of students of the electrical department organized the Armour Branch of the American Institute of Electrical Engineers in 1903. The original purpose of the society has been carried out by the student branch this year by means of student talks, professional talks, and several social functions.

AMERICAN INSTITUTE OF



Back Row: Clark, Bradac, Corcoran, Gaudio, Schalla, Stancl, Kettner, Moulder, Malleris, Lundquist, Herdman, Leonard. *Fourth Row:* Mendelsohn, Ptak, Ring, Bunce, Wolf, Dryer, Naum, Aberer, Holmboe, Ellin, Himelmayr, Michka, Jackowski. *Third Row:* Camras, Zwaska, Grunwald, Rummell, Reuter, Basic, Cohen, Frost, Anderson, Rosenthal, Damm, Goldsmith, Leonhardi, Nader. *Second Row:* Woll, Heller, Levinson, J. Brown, Bleaden, Getz, Goldenthal, Lundh, Skoller, Kreydich, Byrne, Hartman, Cole, Benz. *First Row:* Matthews, Mentzel, toeLaer, Hasty, Veras, Richardson, Miller, Freeman, Henline, Johnson, Rehwaldt, Horn, Shaver, Maze.

PROGRAM

Robert Grunwald	Electronic Organs
Leonhard Holmboe	Developments in Magnetic Materials
George Frost	Derivation of the Coefficients of Fourier Series
Marvin Camras	A New Type Magnet for Recording on a Steel Wire
Fredrick Ellin	Sound Recording on Discs
Mr. Ray Hutchens	Post Graduate Prospects in the Field of Radio Engineering
Mr. L. S. Curs	Student Membership in A. I. E. E.
Mr. K. W. Miller	A. I. E. E. Contest

Films were presented by the Bell Telephone Company and U. S. Motors Company

ELECTRICAL ENGINEERS

EPES

OFFICERS

Paul Ransel	*President*
Edward Brannick	*Vice President*
Frank Slavin	*Treasurer*
Roger Smith	*Secretary*
Professor Finnegan	*Faculty Adviser*

Although there are less students enrolled in the option of Fire Protection Engineering than in other of the engineering curricula, it has one of the most active student organizations. Organized November 11, 1913, through the sponsorship of interested faculty and students, the Fire Protection Engineering Society has played an interesting role in the departmental life of the students. The need for a means of bringing together the men of all classes to meetings of common interest was recognized by the society founders twenty-seven years ago. The society promotes not only functions of a primarily academic nature, but endeavors to sponsor a social program as well, in the interest of good fellowship.

Regular meetings are held bi-monthly, and are under the direction of the student officers. The speakers, representing all phases of the insurance field, are chosen for their ability to bring subjects of interest and educational value to the fire protection students. The program during the past year was especially varied in this respect, with the presentation of talks by men from the safety, engineering, sales, and adjustment phases of insurance. The social program was headed by a smoker for all society members with a special invitation to freshmen. Movies and other varied amusements, awarding of honors and refreshments highlighted the evening's activities.

FIRE PROTECTION



Top Row: Flood, Maxwell, Hassell, Wood, Sweeney, Speth, Niezgodski, Ault, Sparenberg, Talcott, Knief, Brannick, Greenberg, Smith, Keigher, Lange. *Second Row:* Luber, Shukes, Hrubes, Meyer, Dahl, Alter, Mahn, Perkis, Ely, DeMoney, Hoffman, Creagan, Thibault, Eggers, Wolaver, Sunde, DeMent, Worcester. *First Row:* Harmon, Haas, Larson, Taylor, Quandee, Zoellner, Hunter, Slavin, Smith, Prof. Finnegan, Ransel.

PROGRAM

Mr. Rodgers	Fire Prevention
Mr. Fabian	Safety Engineering
Mr. Tousley	The National Electrical Code
Mr. McMiller	Incendiary Fires
Mr. Michaels	Burglar Alarms
Mr. Owens	The Duties of an Examiner

ENGINEERING SOCIETY

ASCE

OFFICERS

George Hanna	*President*
William Mackey	*Vice President*
Leonard Elgenson	*Secretary*
John Balsewick	*Treasurer*
Professor Penn	*Faculty Adviser*



Top Row: Ehlert, Ratzel, Zimmerman, Goetz, Pleva. *Second Row:* Kirkland, Bauch, Dailey, Emmons, Nagel, Rockelmann, Donoghue, Lykowski, Barteldes, Minwegen, Olson, Butkus, Harper, Ball, Tachau, Dieskow, Leibrandt, Peilet. *First Row:* Saigh, Griffis, Stevens, White, Hanna, Gerth, Maslanka, Wheeler, Groh, Sundstrom, Bergstrom.

AMERICAN SOCIETY



Second Row: Role, Jacobsen, Laskowski, Fiebig, Smith, Hruda, Brinkerhoff, Olufsen, Liebrecht, Martin, Hauswald, Opila, D. Mackey, O'Neill. *First Row:* Elgenson, Jaedtke, Balsewick, Huntly, Penn, Spears, W. Mackey, Goluska, Pedersen, Hawkins.

The American Society of Civil Engineers is one of the oldest and most active of engineering societies in the country. Its representation on the Armour campus, though comparatively recent, is a most active one. Previous to 1939, the Civil Engineering students carried on their departmental society activities through the Western Society of Engineers. Handicapped by the inappropriateness of this organization for their specific need, they petitioned for membership in the A. S. C. E. and were installed as a regular student chapter in March, 1939.

The establishment of the exclusively civil engineering society brought a renewed interest among the department students to attend meetings and support the society's functions. The past year has seen a program of varied and especially interesting speakers on all phases of civil engineering. A number of programs were illustrated with moving pictures to make the subject a clearer and more interesting one through visualization of the speaker's ideas and explanations. Among the purposes of this society is that of the promotion of both the professional and social interests of its members. At meetings the members are encouraged to closer acquaintance not only with the subject of discussion but with themselves. The society tends to maintain the friendly interests begun at Camp Armour during the summer course where all civils have the advantage of working and living together.

OF CIVIL ENGINEERS

OFFICERS

William Hutton	*President*
Eugene Pointek	*Vice President*
Raymond Dodge	*Treasurer*
Edward Center	*Secretary*
Professor Rodgers	*Faculty Adviser*

The Armour Architectural Society, formed in 1924, was established primarily to bind the students in the School of Architecture into a unit which could act in the interests of these students. Both social and professional in sweep, the society has provided meetings of keen interest to the profession and social events of unique success to the Institute as a whole.

Reorganized last year, the society now embraces all classes. Two representatives from each class, under the supervision of a faculty adviser, meet as a governing body to arrange for the meetings and events of the year. This new plan has brought a reinterest in the society functions and an increased attendance at both social and professional activities.



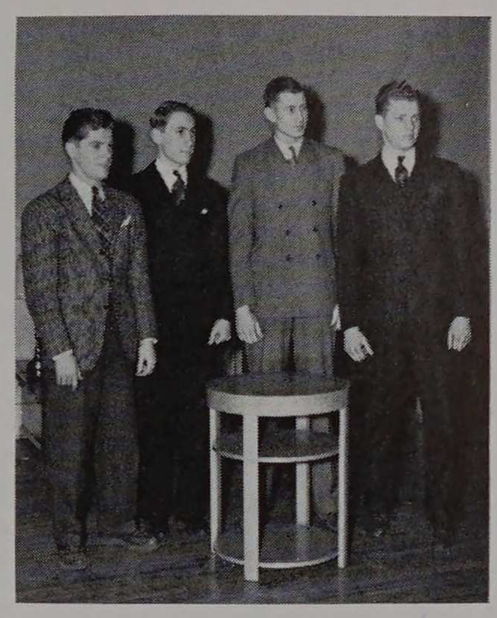
Top Row: Fox, Pipler, Dickel, Skoglund, Kulieke, Young, Reinke, Denyes, Hild. *Fourth Row:* Moore, Center, Miller, Stowell, Lopez-Diaz, Weese, Spitz, Hasskarl, Gruetzmacher. *Third Row:* Schneider, Biederman, O'Brien, Blumberg, Christofano, Pearson, Michaelsen, Lindgren, Olsta. *Second Row:* Anderson, Hannaford, Sauerman, Vodicka, Pasiuk, Przybylski, Salzman, Blume, Christensen. *First Row:* Cerovski, Ruoss, Prather, Coyle, Woehrl, Storz, Hyans, Petterson, Lapasso, Steinweg, Borre, Lenart, Pointek, O'Kelley.

ARMOUR ARCHITECTURAL SOCIETY

THE DANCE CLUB

Gene Krupa says "swing" is here to stay. Wayne King holds out for the return of the waltz. Sammy Kaye compromises with "sweet swing". No matter which of these trends takes the crown as "King," the Armour boys have and will continue to have the opportunity to become the "Crown Princes" of the dance floor. They can be the self assured young men who step out on the dance floors at college proms with fair young ladies in their arms, and sway into the rhythm of the best of the orchestras.

The "Fairy Godmother" who can and is giving these aforementioned talents is none other than the Armour Dance Club, which, in spite of its comparatively youthful age, looms as the largest social club on the campus today, in terms of membership and social activity. Since its inception, the club has taken great strides forward until today its membership cards are highly prized by students who desire to increase their dancing ability. Periodic dances afford the members the opportunity to "practice what has been preached".



Mays, Colant, Holle, Mankus.



The Dance Orchestra
beating one off at
a Club function.



Wessels, Waber, Aberer,
Groundwater.

SOCIETY for the ADVANCEMENT of MANAGEMENT

The purpose of the Society for the Advancement of Management is to bring students into contact with the observation and experiences of industrial leaders and of specialists in the fields allied to commerce and industrial management. This is accomplished in the main by presenting select speakers at the monthly lectures. During the past year, talks were given on time and motion study, public administration, industrial engineering, and government labor service. The entire student body was invited to public forums under the auspices of the society, which dealt with the problems of graduate employment. Meetings at which students presented papers also furthered the purposes of the society in developing executive initiative and decision. Although this organization is one of the newest of the professional student groups, it has been widely and favorably supported by both the student body and the faculty of the Institute.



OFFICERS

William Mashinter	*President*
August Galandak	*Secretary-Manager*
Henry Dryer	*Treasurer*
Edward Dost	*Team Captain*
Lee Dillenbeck	*Range Officer*
Joseph Hartman	*Executive Officer*
Roy Peterson	*Executive Officer*



Top Row: Jacobs, Gregor, Palkovic, Bell, Golden, Bergstrom, West, Cooper. *Second Row:* R. Miller, Barry, R. Smith, LaNier, Dalton, Eck, Shultz, Weinecke, Long, R. Peterson, Faris. *First Row:* Borne, Hartman, Dost, Mashinter, Galandak, Dryer, Dillenbeck.



THE TEAM

Robert Bell
George Borre
Lee Dillenbeck
Edward Dost
Henry Dryer
Richard Eck
Edward Galandak
Joseph Hartman
Robert LaNier
William Mashinter
Roy Peterson
Raymond Smith

During the past three years, the Rifle Club has grown from a mere handful of enthusiastic marksmen to an organization boasting of some ninety members. There are two men whose spirit of leadership has been the motivating force in back of the rapid development.

First is William Mashinter, president of the club for three years and the high point man on the Rifle Team for four years. Second is August Galandak, the secretary-manager of the club for two years. Through his efforts, the team has always had suitable competition with other schools during the year.

Even as the club has progressed, so has the Rifle Team, which holds the distinction of being the most successful squad on the campus. In 1939 it won eight out of nine matches and has repeated its success in the year just completed.

RIFLE CLUB



Second Row: Behrens, Vander Mey, Hermanovich, Tachau, Barry, Swanson, Grosse, Toussaint, Wong.
First Row: Eng, Golden, Hammond, Raymond, Stanley, Zelin, Crego.

OFFICERS

Peter Stanley	*President*
Robert Zelin	*First Vice President*
Donald Crego	*Second Vice President*
Robert Barry	*Secretary*
George Raymond	*Treasurer*

One of the newer additions to the societies at the Institute is the Armour Eye, founded at Armour Institute of Technology on December 16, 1936. The club was organized by a number of students whose common interests and abilities in photography led them to form a closely knit organization with well defined purposes. By banding together in this manner each member was enabled to obtain the benefits of fine equipment and facilities which normally would be beyond his means as an individual. At present the club has two dark rooms, a studio, a meeting room, and a committee room. The equipment in the dark rooms enables members to produce photographs by almost any of the processes known to modern photography. The studio equipment further allows the performance of general photographic work through its several cameras and studio lights. Ample opportunity is given for the exchange of views and ideas at the monthly meetings of the club, when lectures and demonstrations are presented by members and by men prominent in the professional field.

THE ARMOUR EYE

Honoraries

XE

HKN

ΠΤΣ

ΤΒΠ

TAU BETA PI



1885

OFFICERS

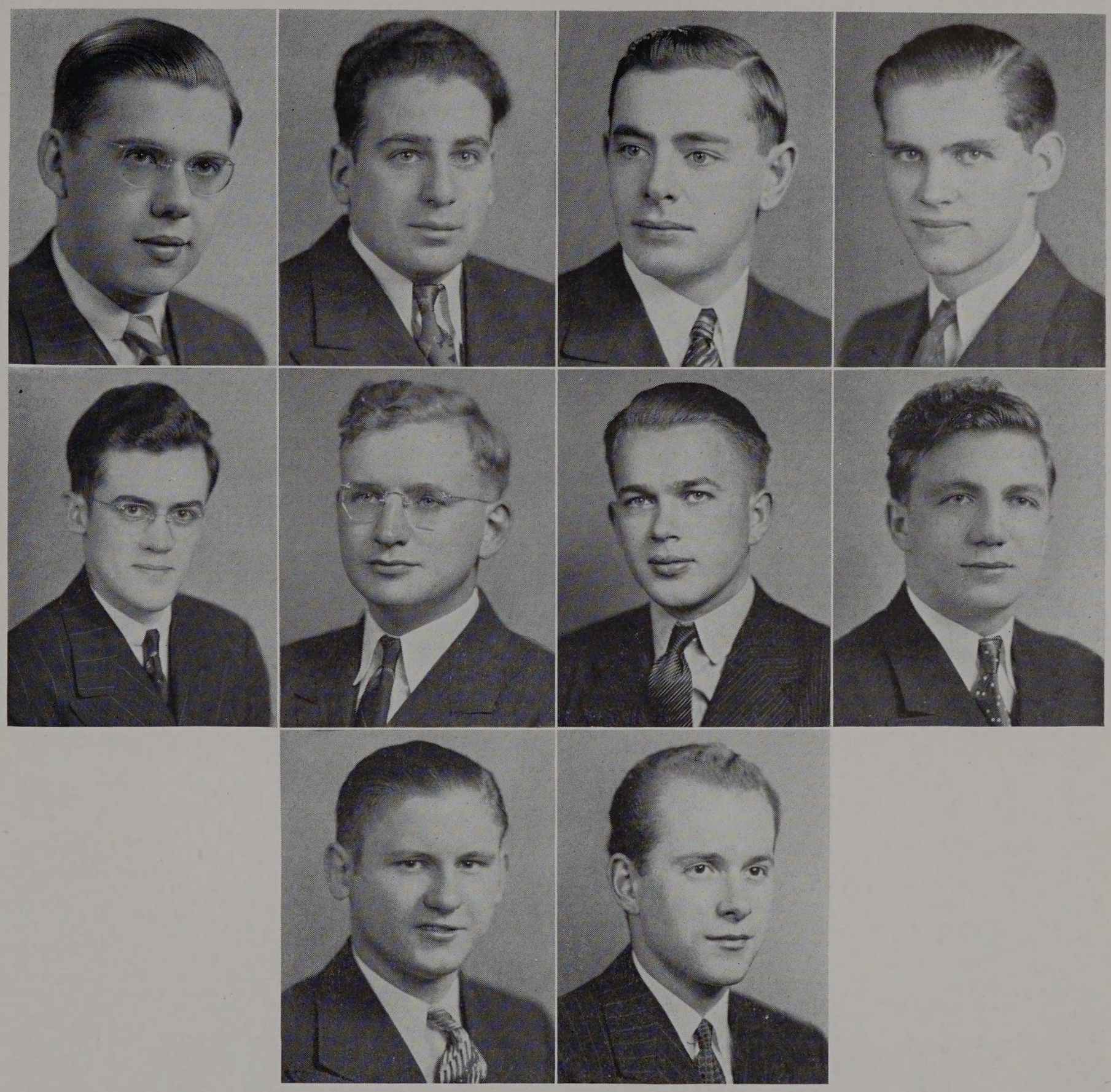
Francis Opila	*President*
Donald Sunde	*Vice President*
Eugene Worcester	*Corresponding Secretary*
Alvin Winkler	*Recording Secretary*
Marvin Camras	*Cataloguer*
Professor Reed	*Treasurer*

FACULTY MEMBERS

Carl G. Anderson
Rolf Eliassen
Joseph B. Finnegan
Ernest H. Freeman
George F. Gebhardt
LeVan Griffis
Linton E. Grinter
Arthur S. Hansen
Henry T. Heald
Philip C. Huntly
Charles W. Leigh
Edwin S. Libby
Harry McCormack
Joseph Marin
David P. Moreton
Eugene F. Murphy
Henry L. Nachman
Herbert B. Nottage
Charles E. Paul
William A. Pearl
Ralph E. Peck
James C. Peebles
John C. Penn
Robert V. Perry
Howard M. Raymond
Myril B. Reed
Donald E. Richardson
Daniel Roesch
Sholto M. Spears
Paul R. Trumpler
Melville B. Wells

ACTIVE MEMBERS

Robert Bartusek
Marvin Camras
John Catlin
Fred DeMoney
George Frost
LeRoy Goetz
George Hanna
Edward Hanuska
Sidney Heenan
Frank Heidenreich
Thomas Hunter
C. A. Kazmierowicz
Donald Mackey
Robert Mead
Henry Newman
Francis Opila
Leo Stoolman
Donald Sunde
Aloysius Veras
Ralph Wagner
David Whittingham
Alvin Winkler
Peter Woods
Eugene Worcester



Bartusek
Camras
Hanna
Heenan

Hunter
Opila
Sunde
Wagner

Winkler
Worcester

Illinois Beta Chapter of Tau Beta Pi became the first honorary organization on the Armour campus when it received its charter from the Tau Beta Pi Association in 1906. The chapter established at Armour became the fourteenth chapter of a national organization which now has over sixty-nine active branches located in the important colleges of engineering throughout the country. The first chapter of the organization was founded at Lehigh University in 1885 "to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates of engineering and to foster a spirit of liberal culture in the engineering colleges of America". Some thirty thousand student and graduate engineers have been honored with membership in Tau Beta Pi in the years since the fraternity was founded. Illinois Beta, following the policy of its parent organization, has been engaged assiduously since its founding in promoting and in aiding student engineering affairs and activities. In addition to the regular student functions which interest the chapter, it spends considerable time in following the activities and achievements of graduate engineers. Representing as it does a large, national, honorary fraternity embracing all branches of engineering curriculum, Illinois Beta of Tau Beta Pi has come to be considered the leading organization of its nature on the campus of Armour Institute.



PI TAU SIGMA



1915

OFFICERS

Alvin Winkler	*President*
Fred Krahulec	*Vice President*
Robert Kohn	*Corresponding Secretary*
Bert Nelson	*Cataloguer*
John Catlin	*Treasurer*

HONORARY MEMBERS

George F. Gebhardt
Philip C. Huntly
Edwin S. Libby
Henry L. Nachman
William A. Pearl
James C. Peebles
Robert V. Perry
Daniel Roesch
Charles R. Swineford
Stanton E. Winston

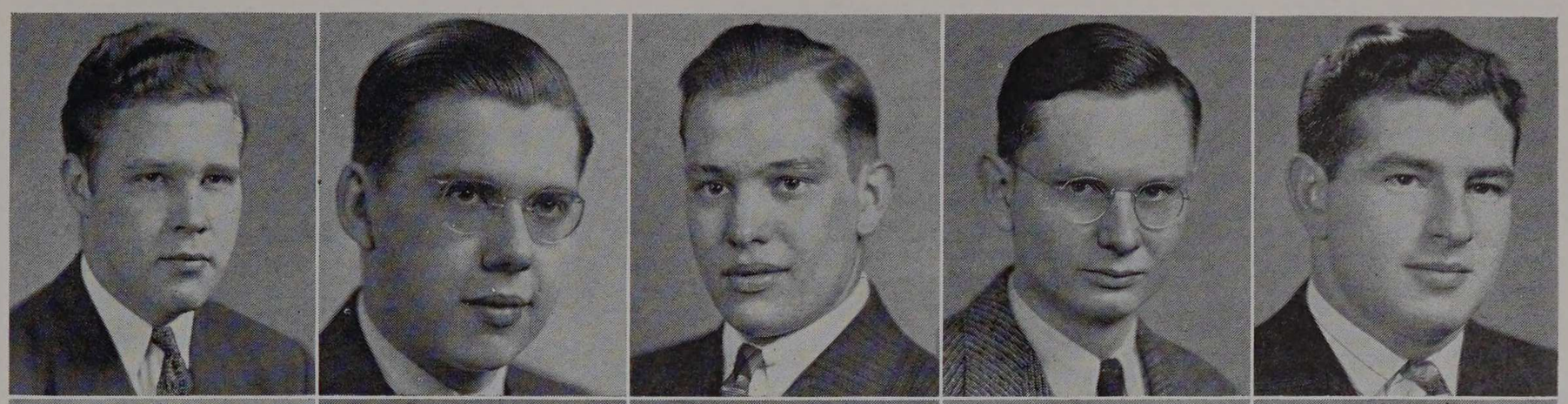
FACULTY MEMBERS

Carl G. Anderson
Arthur W. Sear

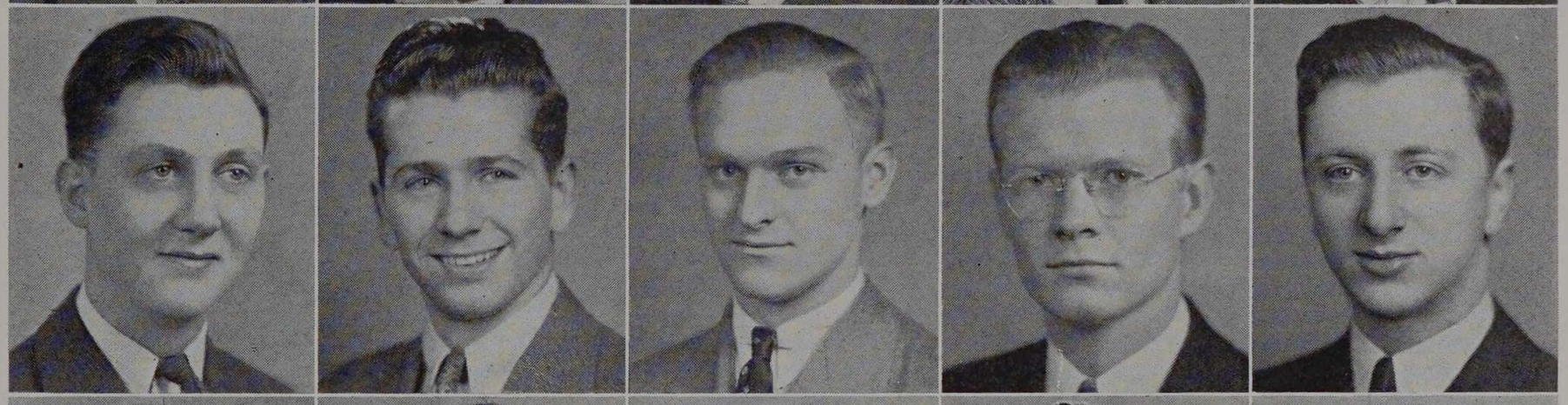
ACTIVE MEMBERS

Carl Anderson
Robert Bartusek
Paul Beckmann
John Catlin
Leon Epstein
Ralph Erisman
Charles Eulo
Frank Heidenreich
Birger Johnson
Robert Kohn
Fred Krahulec
Michael Larinoff
Stanford Meyers
Edward Minieka
Bert Nelson
Leo Stoolman
Ralph Wagner
David Whittingham
Alvin Winkler
William Yeager

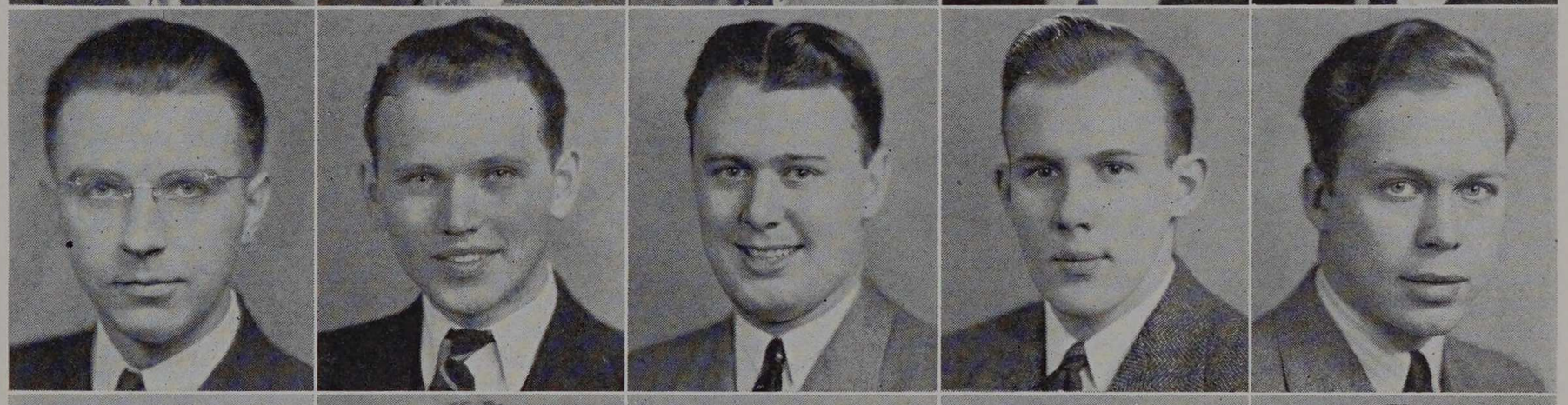
Anderson
Bartusek
Beckmann
Catlin
Epstein



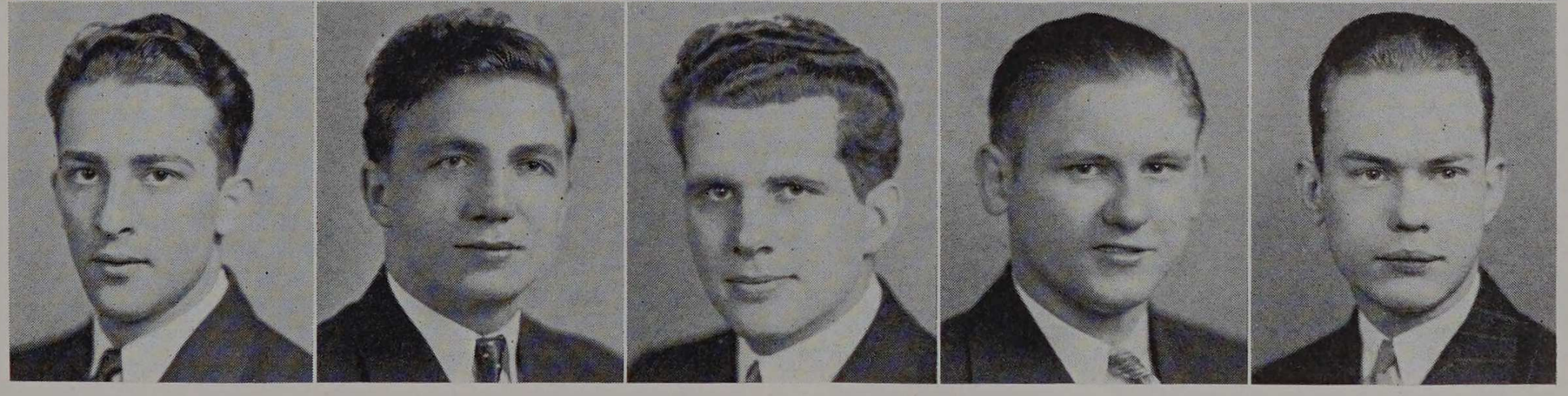
Erisman
Eulo
Heidenreich
Johnson
Kohn



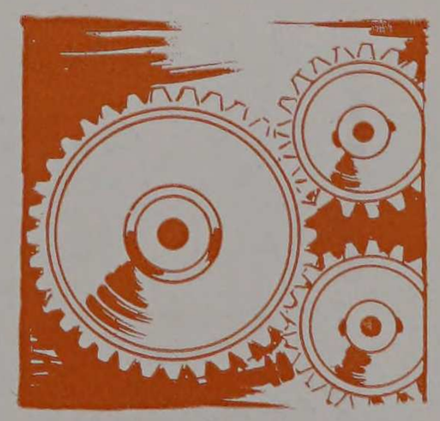
Krahulec
Larinoff
Meyers
Minieka
Nelson



Stoolman
Wagner
Whittingham
Winkler
Yeager



In March of 1915, members of the Mechanical Engineering Department of the University of Illinois formed Pi Tau Sigma, an honorary fraternity for mechanical engineering students. At this same time, a similar independent organization was formed at the University of Wisconsin. With the co-operation of the faculty heads of the schools, a coalition was effected in March of 1916. The new organization retained both the name of Pi Tau Sigma and its avowed purpose "to foster the high ideals of the engineering profession, to stimulate interest in coordinate departmental activities, and to promote the mutual professional welfare of its members". Eight years later, in the fall of 1924, students and faculty of the mechanical engineering department of Armour Institute of Technology petitioned the national organization for membership. The petition was accepted unanimously by the Supreme Council and the active chapters, and, on December 22, 1924, Delta Chapter of Pi Tau Sigma was officially installed at Armour Institute. Delta Chapter became the fifth of seventeen chapters located throughout the east and midwest at principal colleges with mechanical engineering departments. Each year delegates are elected by the active members of the various chapters to represent them at the annual convention. This year the chapters convened at Atlanta, Georgia, to discuss affairs of interest and concern in promoting the welfare of the fraternity. The work of coordinating and unifying the activities of the various branches is further carried out by the *Condenser*, official magazine of the national organization.



ETA KAPPA NU

1904

OFFICERS

Daniel Shaver	*President*
Peter Johnson	*Vice President*
George Frost	*Corresponding Secretary*
Aloysius Veras	*Recording Secretary*
John Hartman	*Treasurer*
Griffith Damm	*Bridge Correspondent*

FACULTY MEMBERS

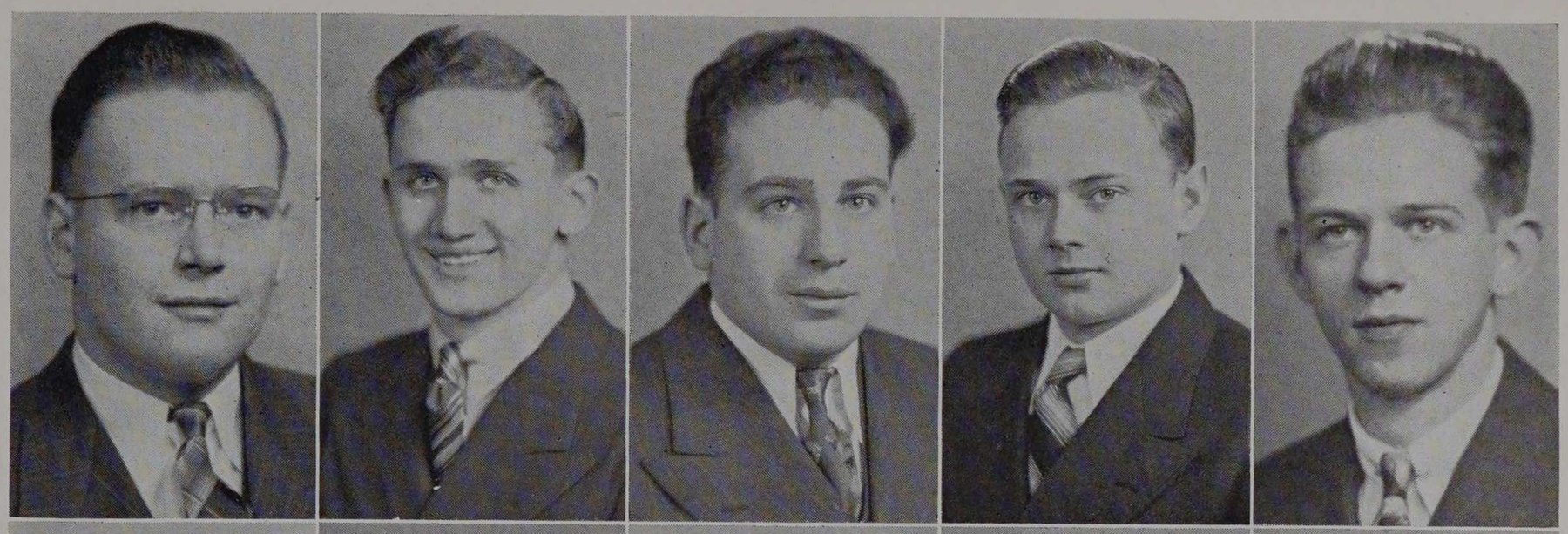
Ernest H. Freeman	Charles A. Nash
Arthur S. Hansen	Myril B. Reed
David P. Moreton	Donald E. Richardson

ACTIVE MEMBERS

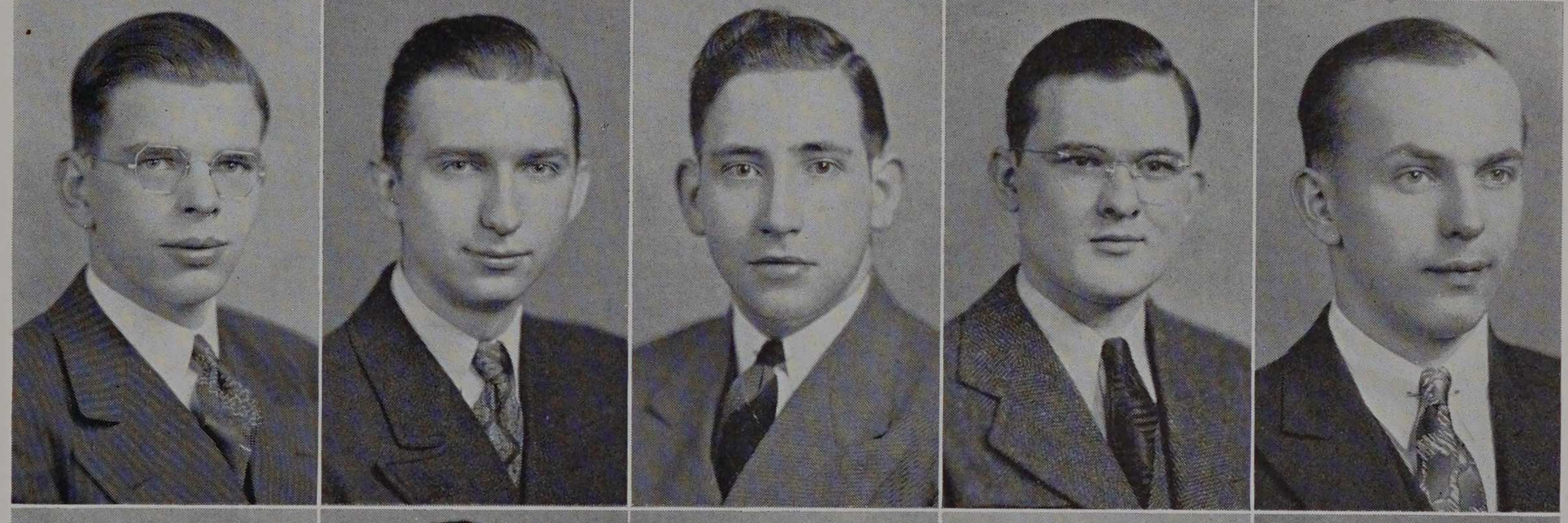
Floyd Anderson	Peter Johnson
James Brown	Ray Kasper
Marvin Camras	Walter Kreydich
Ben Cole	Lionel Naum
Griffith Damm	Kenneth Oldenburg
George Frost	Edward Rosenthal
John Hartman	James Rummell
Edward Horn	Dan Shaver

Aloysius Veras

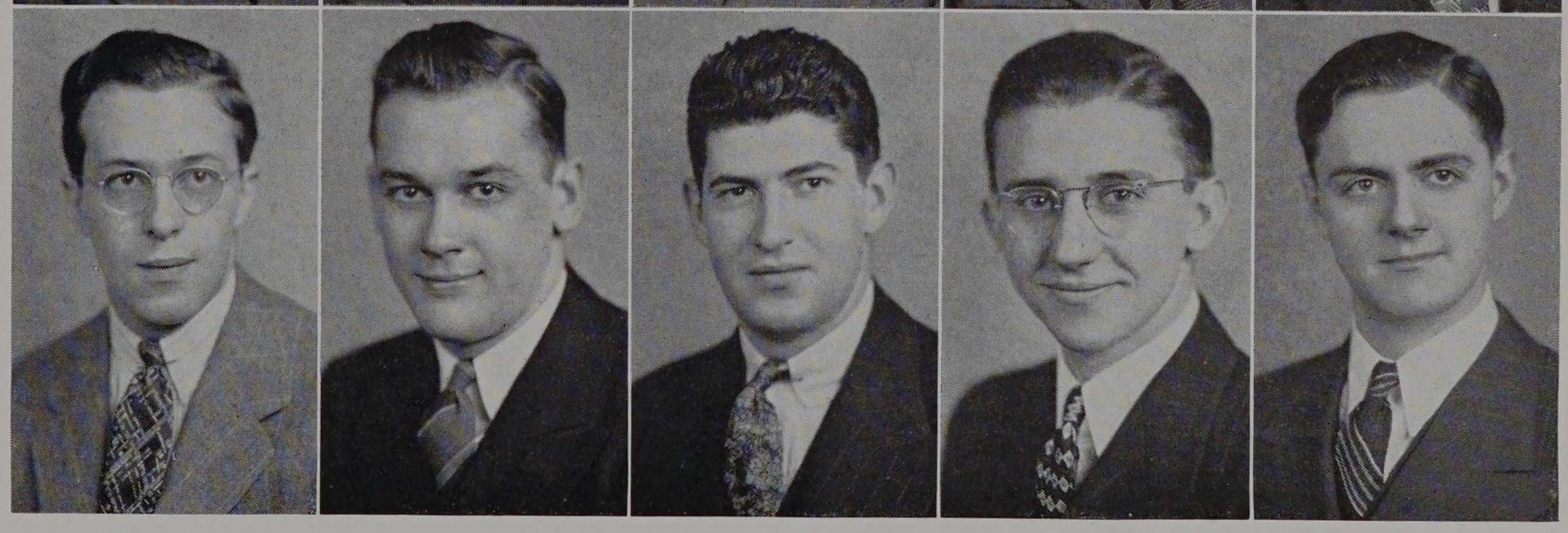
Anderson
Brown
Camras
Cole
Damm



Frost
Hartman
Horn
Johnson
Kreydich



Naum
Oldenburg
Rosenthal
Shaver
Veras



The aim of Eta Kappa Nu is to "confer honor and bring into closer union, whereby mutual benefit may be derived, those men in the profession of electrical engineering who, by their attainments in college or in practice, have manifested a deep interest and marked ability in their chosen life work". This honorary society of students in electrical engineering and men in the profession came into existence on October 28, 1904, organized by ten students at the University of Illinois.

The requirement for admission into the society is an indication of probable success in the field, for it is based on scholarship and personal qualifications. Several of the men in the electrical department of Armour realized that affiliation with such an organization would be greatly advantageous to the Institute, and so prepared a petition for membership. The Armour charter was granted on May 24, 1909, and thus Delta chapter of Armour Institute became the fourth branch in the fold of the national organization. Twenty-four chapters have since followed suit, until, at the present time, there are twenty-eight in all. Membership is divided into four classes: undergraduate, graduate, associate, and honorary. Undergraduate members are chosen from the junior and senior classes and such members may be elected to graduate membership by their chapters if they have performed meritorious work. Associate members are graduate engineers chosen by an active chapter and approved by the national executive council. Honorary membership is conferred only after receiving the approval of the national executive council and three-fourths of the active chapters. The student chapters are assisted by eleven alumni groups active in the field of electrical engineering.

CHI EPSILON



1923

OFFICERS

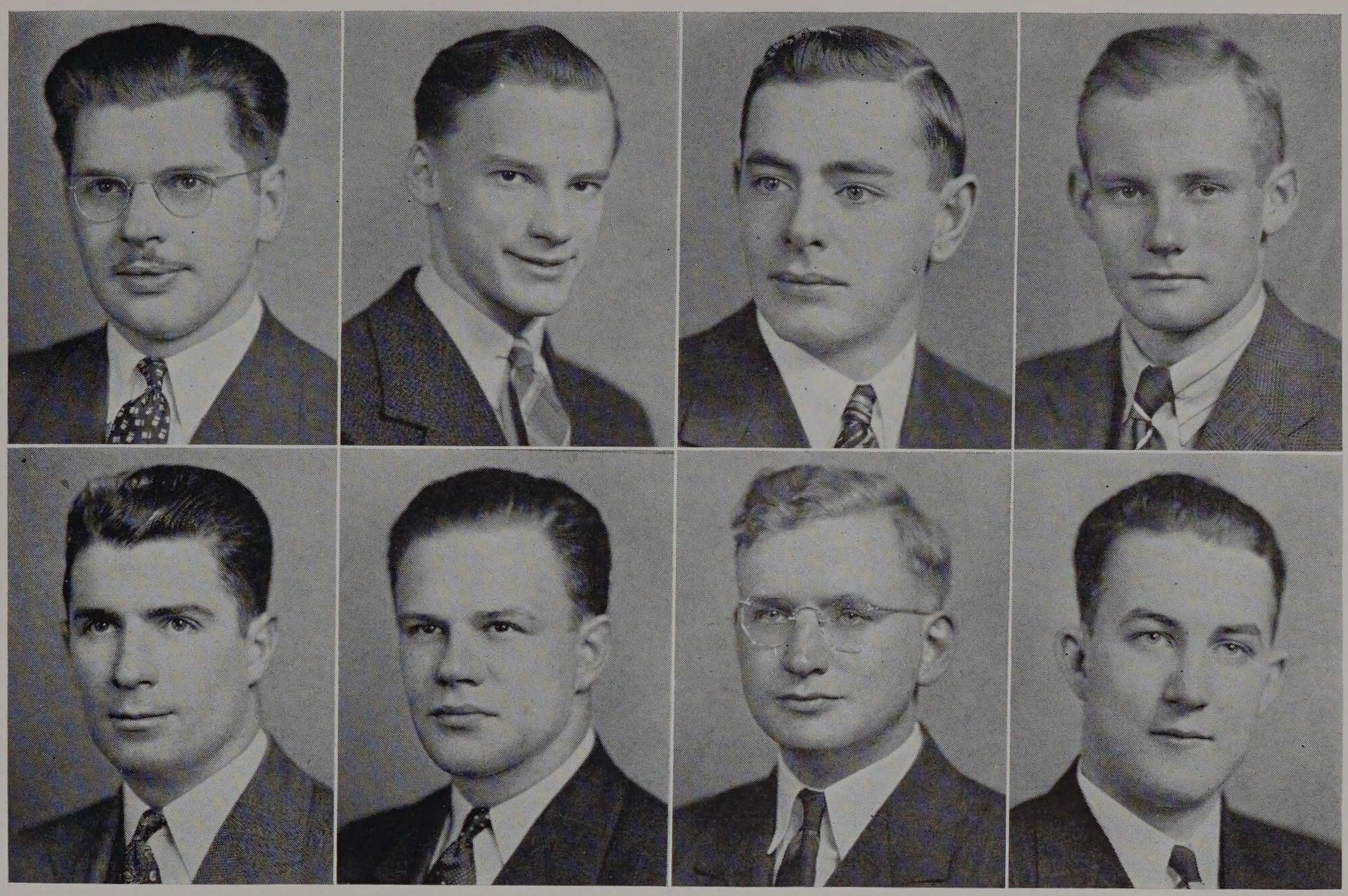
Arthur Pedersen	*President*
John Balsewick	*Vice President*
George Olufsen	*Secretary*
LeRoy Goetz	*Transit Editor*
Professor Stevens	*Treasurer*

FACULTY MEMBERS

Linton E. Grinter	Sholto M. Spears
Henry T. Heald	Roe L. Stevens
Philip C. Huntly	Harold A. Vagtborg
John C. Penn	Melville B. Wells

ACTIVE MEMBERS

John Balsewick	Donald Mackey
LeRoy Goetz	George Olufsen
George Hanna	Francis Opila
Roy Jacobsen	Arthur Pedersen



Balsewick
Goetz
Hanna
Jacobsen

D. Mackey
Olufsen
Opila
Pedersen

Based on the broad objective of increasing the efficacy of the civil engineering profession as a social instrument, Chi Epsilon, the national honorary civil engineering fraternity, was organized at the University of Illinois in 1922. In the following year, the Armour chapter of Chi Epsilon was established and was formally initiated on March 9, 1923.

Chi Epsilon recognizes the fundamental characteristics of the individual engineer that are deemed essential in the successful pursuit of an engineering career, and it strives to aid in the development of these characteristics in the undergraduate.

After the admission of Armour to Chi Epsilon, the passing years saw greater expansion of the fraternity with the result that today there are fifteen active chapters at leading engineering schools throughout the country and a membership roll of more than two thousand men. Through the combined efforts of chapter correspondents and a national editor, the *Transit*, a semi-annual publication, maintains active contact and resultant co-operation between the various chapters, insuring coordination in the work and progress of its members.



PHI LAMBDA UPSILON



1899

OFFICERS

Henry Newman	*President*
Edward Gruca	*Vice President*
Charles Ryant	*Secretary*
James Meyer	*Treasurer*
Edward Wagner	*Alumni Secretary*
Professor Kintner	*Faculty Adviser*

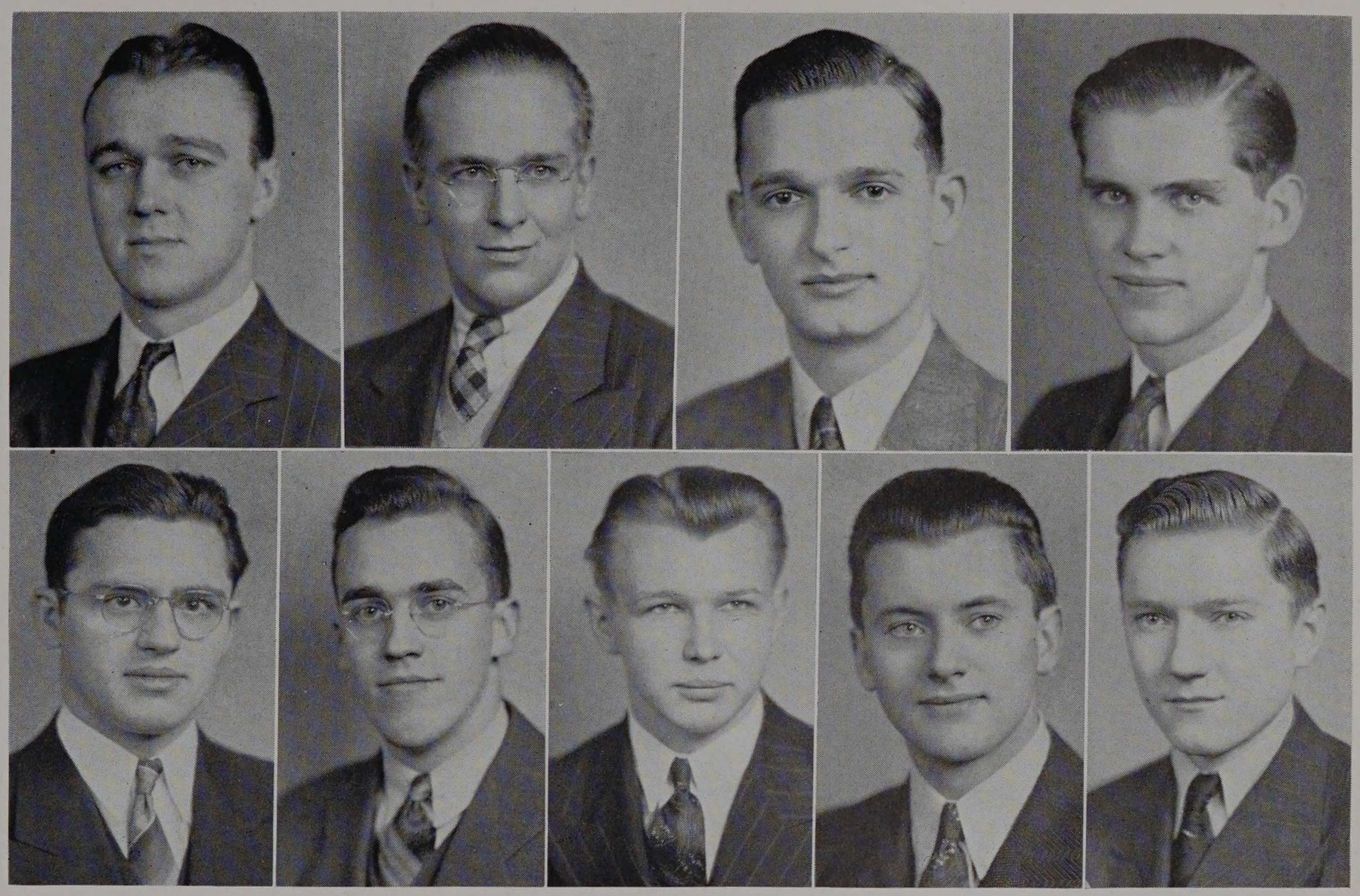
FACULTY MEMBERS

Arthur H. Carpenter	Vasili I. Komarewsky
Cyril D. Evans	Harry McCormack
Benjamin B. Freud	Ralph H. Manley
Francis W. Godwin	Robert L. May
M. H. Heeren	Ralph E. Peck
Robert C. Kintner	Charles A. Tibbals

ACTIVE MEMBERS

Robert Collopy	C. A. Kazmierowicz
John Gerhardt	Robert Mead
Edward Gruca	James Meyer
Sidney Heenan	Henry Newman

Charles Ryant



Collopy
Gerhardt
Gruca
Heenan

Kazmierowicz
Mead
Meyer
Newman
Ryant

Phi Lambda Upsilon, honorary chemical society, was founded in 1889 by leading students in chemistry at the University of Illinois. The aims of the founders of Phi Lambda Upsilon included the installation of chapters in other educational institutions with the object of promoting high scholarship and original investigation in all branches of pure and applied chemistry.

Originally, Phi Lambda Upsilon included but two classes of members, honorary and active. The first honorary members were professors of the University of Illinois faculty who took an active interest in the maintenance of high educational standards. The first active members were chosen from undergraduate men in the junior and senior chemistry classes. Since that time, membership has been extended to include exceptional men in the chemistry courses of the graduate school and men connected with institutions of learning in some capacity other than that of a student. A class of associate members has been created to include men of exceptional ability in chemistry who are further advanced in the science than those taken into active membership. The alumni membership classification included those who for any reason choose to be no longer active in chapter affairs. By these modifications in membership qualifications, Phi Lambda Upsilon, without losing sight of the aims of its founders, has made possible membership for all those worthy of its distinction.

Omicron chapter was established at Armour Institute in 1920, largely through the efforts of Professor C. A. Tibbals and Mr. C. F. Smith, members of the Chemical Engineering Department. The society now numbers thirty-three active chapters and includes more than seven thousand members.



SALAMANDER



1923

OFFICERS

Robert Maxwell	*President*
Eugene Worcester	*Vice President*
Donald Sunde	*Secretary-Treasurer*
Professor Finnegan	*Faculty Adviser*

HONORARY MEMBERS

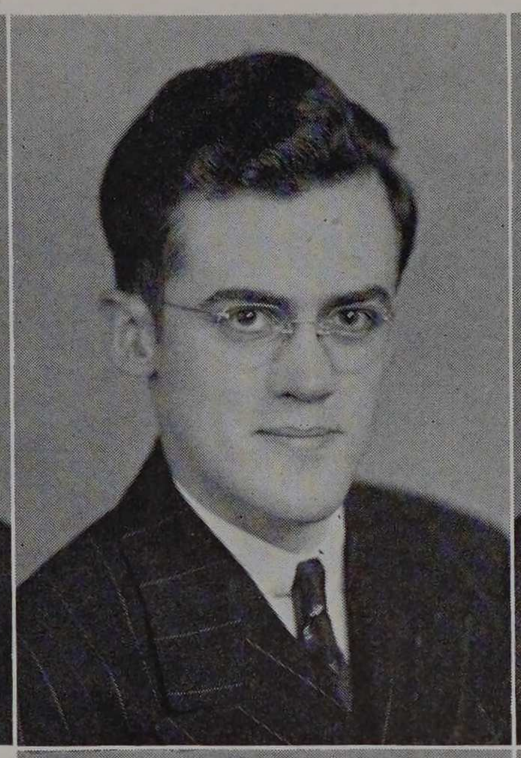
Joseph B. Finnegan	Otto L. Robinson
Charles P. Holmes	Fitzhugh Taylor
Jackson V. Parker	Wellington R. Townley

ACTIVE MEMBERS

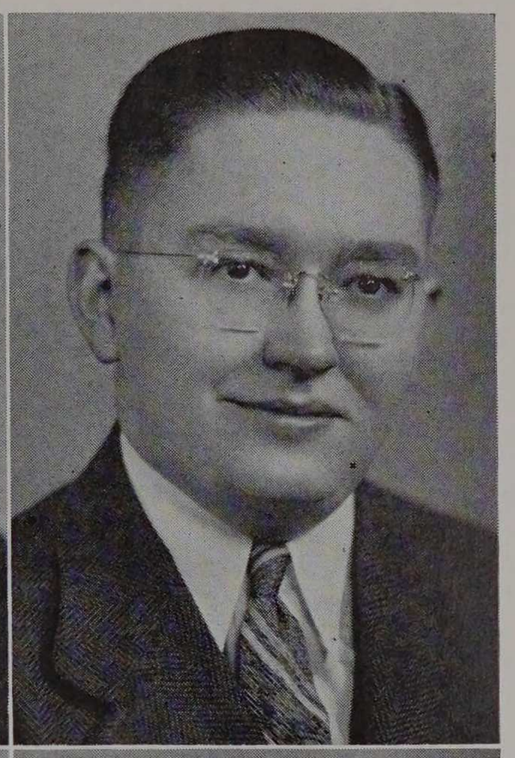
Fred DeMoney	Richard Larson
Benjamin Flood	Robert Maxwell
Robert Harmon	William Speth
Edwin Hass	Donald Sunde
Thomas Hunter	Eugene Worcester



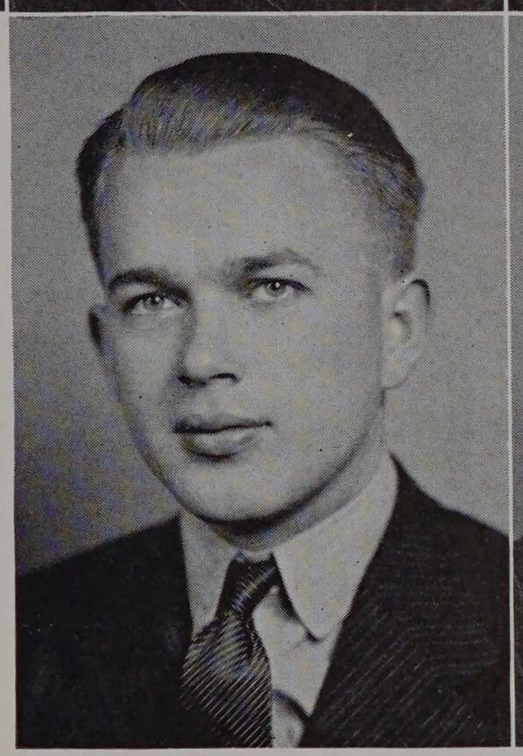
Harmon



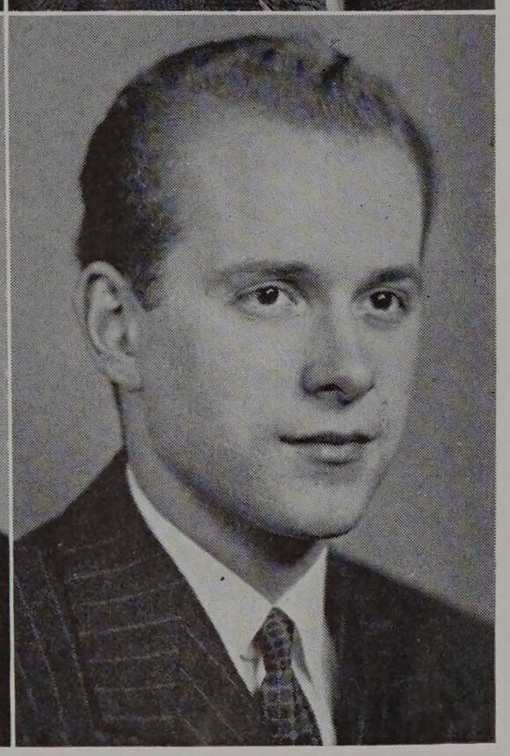
Hunter



Maxwell

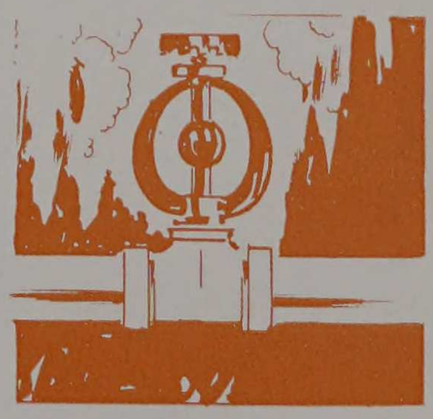


Sunde



Worcester

The first honorary engineering fraternity to be founded at Armour was Salamander, the honor society for fire protection engineering students. It is the only chapter of the fraternity, since Armour is in the unique position of being the only educational institution in the country offering courses in this specialized field. Steps toward organization were begun in 1922, and in 1923 the society was officially recognized on the Armour campus as the honorary fraternity for the fire protection engineering department. Its members fall into three groups. The largest includes those men who were elected in their undergraduate years. Honor students graduating prior to 1923 in the department have been honored by initiation into the fraternity by the present chapter. A third group includes those men who are graduates of schools other than Armour, but whose activities and contributions toward fire protection have warranted the recognition of their affiliation with the society. The fraternity publishes each spring the *Deflector*, a news letter filled with information regarding the undergraduate chapter and the activities of the alumni. The paper functions as a means for bringing the chapter and the Institute into closer union with the alumni members.



SPHINX



1907

OFFICERS

Thomas Hunter	*President*
Ralph Erisman	*Secretary-Treasurer*
Professor Hendricks	*Faculty Adviser*

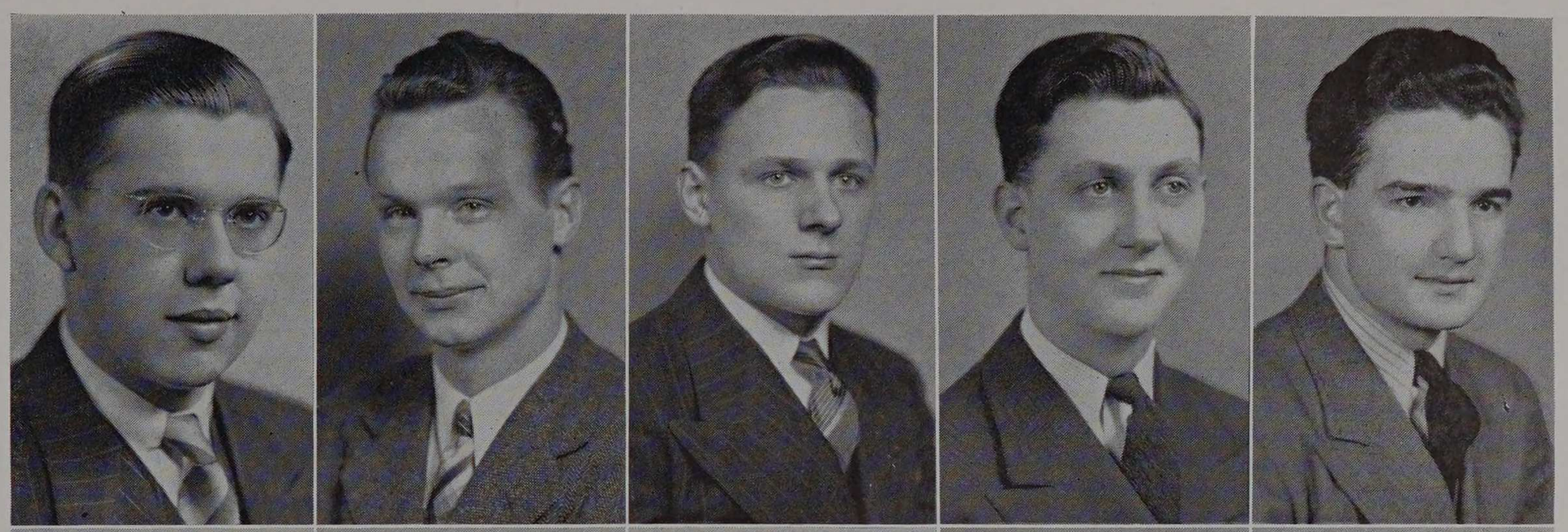
FACULTY MEMBERS

Carl G. Anderson
William W. Colvert
Joseph B. Finnegan
Walter Hendricks
John F. Mangold
Charles E. Paul
James C. Peebles

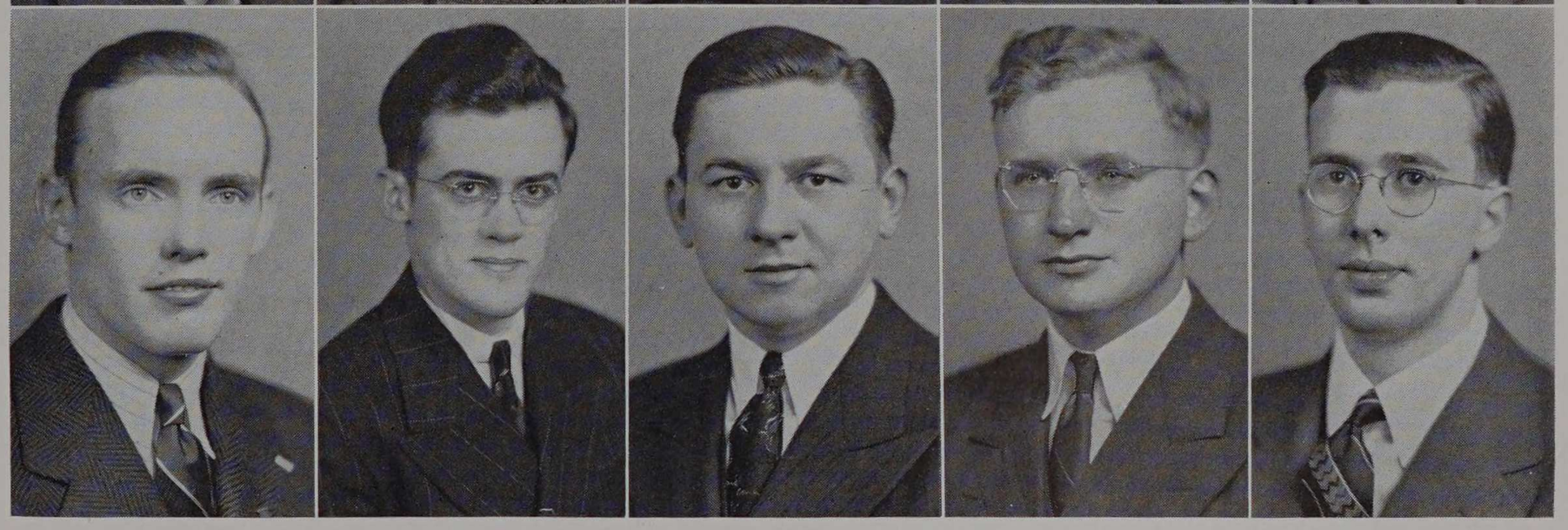
ACTIVE MEMBERS

Robert Bartusek
Jack Clark
Irvin Dzikowski
Ralph Erisman
James Fahey
Arthur Hansen
Thomas Hunter
John Kucera
Francis Opila
Frank Slavin

Bartusek
Clark
Dzikowski
Erisman
Fahey



Hansen
Hunter
Kucera
Opila
Slavin



Sphinx, founded in 1907, is one of the oldest honorary societies on the campus. Its purpose is the recognition of undergraduates and faculty who have given their time, efforts, and talent for the Institute publications. This organization was established when the editors of the *Fulcrum*, a monthly pamphlet published by the Armour students, and the staff of the *Integral*, the year book, decided to coordinate the operations of the Armour publications. As a result of this merger, the Sphinx literary society was formed. In 1909 the members of Sphinx founded the Armour Engineer, a college magazine which presented articles of interest to engineering students. Later the Engineer became the Armour Engineer and Alumnus, serving the dual purpose of informing the students of various advances in engineering, and the alumni of the activities at their alma mater. The establishing of the *Armour Tech News*, the weekly student newspaper, was largely due to the efforts and influence of Sphinx. During the thirty-three years of its life at Armour, Sphinx has played an important part in the promotion and welfare of all its literary activities.



PI NU EPSILON



1927

OFFICERS

Harold Doolittle	*President*
Donald Charlton	*Vice President*
George Frost	*Secretary-Treasurer*

HONORARY MEMBERS

O. Gordon Erickson
Charles W. Leigh
William N. Setterberg
Kent H. Parker
Howard M. Raymond

ACTIVE MEMBERS

Moorman Balis
William Caldwell
Donald Charlton
George Danforth
Harold Doolittle
Charles Eulo
Paul Foss
George Frost
Theodore Gromak
Vernon Hassell
William Mashinter
James Murray
Francis Opila
Elmer Ratzel
Robert Scott
John Segner
Frank Slavin
Peter Woods
Eugene Worcester



Balis
Caldwell
Charlton
Danforth
Doolittle

Eulo
Foss
Frost
Gromak
Hassell

Mashinter
Murray
Opila
Ratzel
Scott

Segner
Slavin
Woods
Worcester

Pi Nu Epsilon, the second non-engineering honorary fraternity to be established at Armour, gives recognition to those students who have commendably served the musical organizations of the Institute. Establishment of the fraternity came after officers of the Institute extended permission to the officials of the Armour Tech Musical Clubs to establish an honorary musical society. Members of the musical clubs, four of whom were members of the class of '27, and four of the class of '28, with Professor Emeritus Charles W. Leigh planned and founded the fraternity in 1927. The sponsors intended that the organization should serve both as a means of honoring students who had aided Armour musical work and as a medium for stimulating interest in musical appreciation among the students to interest them in working for the musical clubs of the school. The charter, as granted by Institute officials in January of 1927, permitted musically inclined students to unite "for furtherance of the knowledge and appreciation of music at the Armour Institute of Technology, and for the continued expansion and prosperity of the organization now known as the Armour Tech Musical Clubs". Not only have students and musical activities of the Institute been benefited by the fraternity, but the organization, being non-departmental, has strengthened interdepartmental ties and served to establish a common field of intellectual activity and relaxation, with an appreciation for the greatest of the arts.



SCARAB



1909

OFFICERS

William Hutton	*President*
Fred Prather	*Vice-President*
Ernest Mandel	*Secretary*
George Dickel	*Treasurer*
Professor Mell	*Faculty Adviser*

FACULTY MEMBERS

Charles H. Dornbusch
Ludwig Hilberseimer
Albert H. Krehbiel
Alfred L. Mell
Ludwig Mies van der Rohe
Walter Peterhans
John B. Rodgers

ACTIVE MEMBERS

Ludwick Blumberg
John Cerovski
George Danforth
George Dickel
John Fox
William Horton
William Hutton
Charles Kulieke
Ernest Mandel
Daniel Miller
Robert O'Brien
Fred Prather
Leonard Reinke



Blumberg
Cerovski
Danforth
Dickel

Fox
Horton
Hutton
Kulieke

Mandel
Miller
O'Brien
Prather
Reinke

This May marked the twenty-fifth anniversary of Scarab, professional architectural fraternity, at Armour. Scarab fraternity was founded at the University of Illinois in 1909. In 1915 a society at Armour which had been functioning since shortly after the turn of the century as Alpha Theta Delta, an honorary limited to students of architecture of the Institute, petitioned for membership in Scarab fraternity. The petition was received favorably and shortly afterwards Edfou temple of Scarab was established at Armour. Edfou had become the third Temple in a fast growing national professional fraternity, which at the present time numbers thirteen Temples at the leading schools of architecture in the country. Scholarship, future probability of success in the profession, and personality are requirements for membership. The fraternity was founded that in the vast desert of life these Temples of Scarab would serve at the various institutions of learning to provide a broader knowledge of architecture, to promote friendly competition between students and schools of architecture, and to develop those qualities of culture and principles of conduct which are essential to the ethical practice of the profession of architecture.



ALPHA CHI SIGMA

1902

OFFICERS

Edward Dost	*Master Alchemist*
Harold Doolittle	*Vice-Master Alchemist*
Eugene Kalnin	*Master of Ceremonies*
Walter Molda	*Secretary*
William Massman	*Treasurer*
Donald Long	*Reporter*

FACULTY MEMBERS

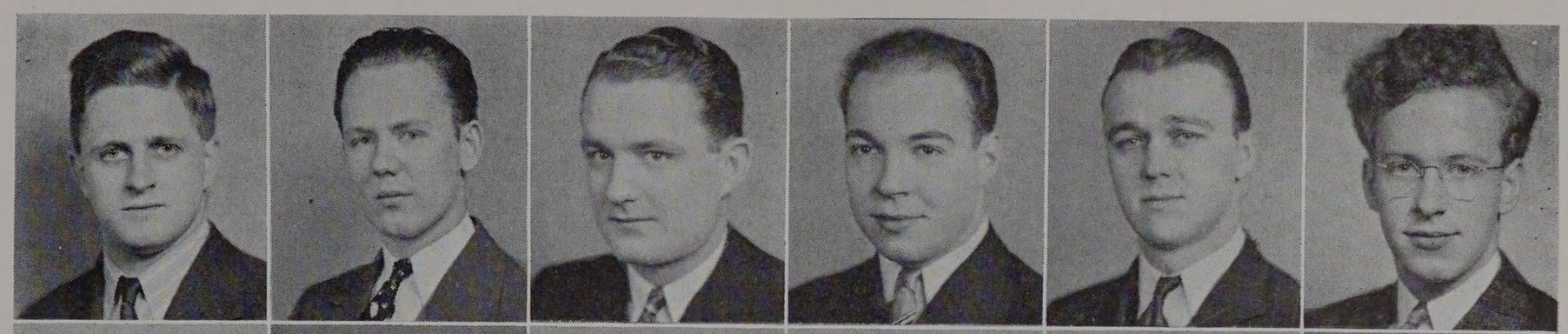
Arthur H. Carpenter	Ralph H. Manley
Horace A. Giddings	John J. Schommer
Robert C. Kintner	Charles A. Tibbals

ACTIVE MEMBERS

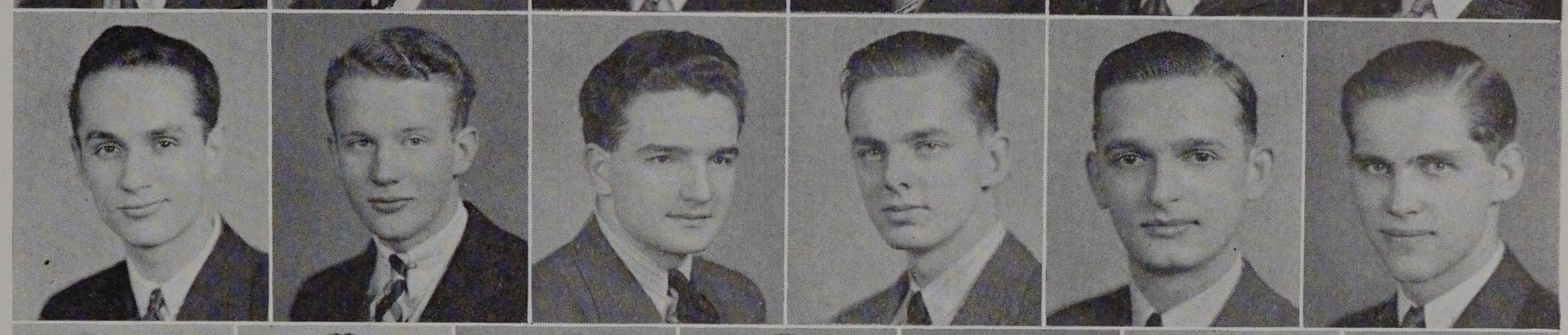
Elmer Bauer	Edward Gruca	Walter Molda
George Baumann	Sidney Heenan	George Minard
Casimir Bigos	Roland Jackel	Henry Newman
Donald Charlton	Walter Kahl	Lloyd Norkus
Robert Collopy	Eugene Kalnin	Ralph Petri
Harold Doolittle	Constantine Kazmierowicz	Charles Ryant
Edward Dost	Donald Long	Charles Schultz
Richard Dunworth	Charles McAleer	John Segner
James Fahey	William Massman	Joseph Smith
Albert Furch	Robert Mead	Bernet Swanson
Richard Grinndal	James Meyer	Richard Wagner

Henry Wessel William Wilson

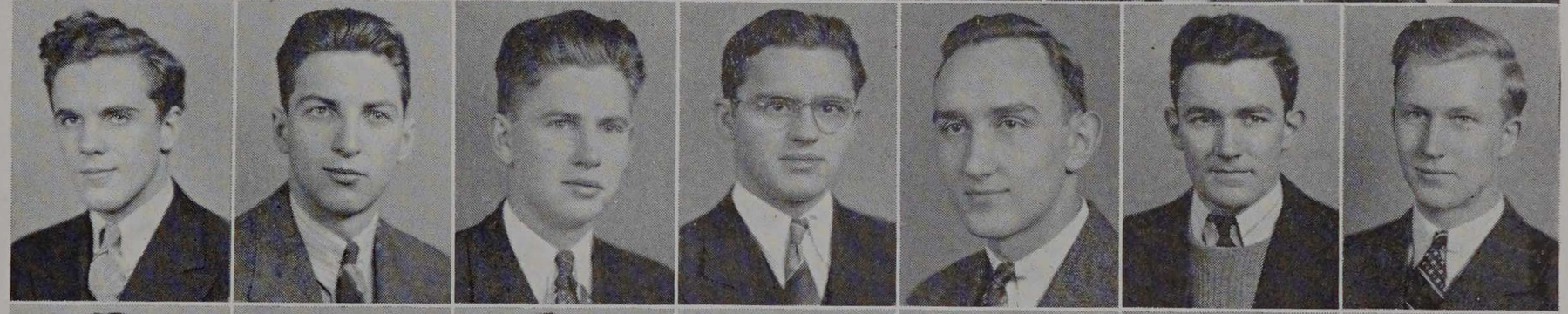
Bauer
Baumann
Bigos
Charlton
Collopy
Doolittle



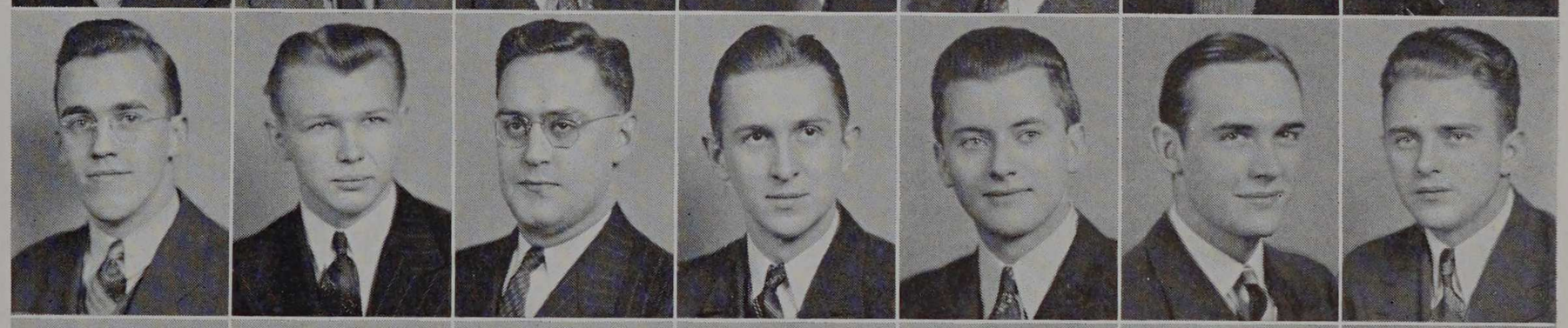
Dost
Dunworth
Fahey
Grinndal
Gruca
Heenan



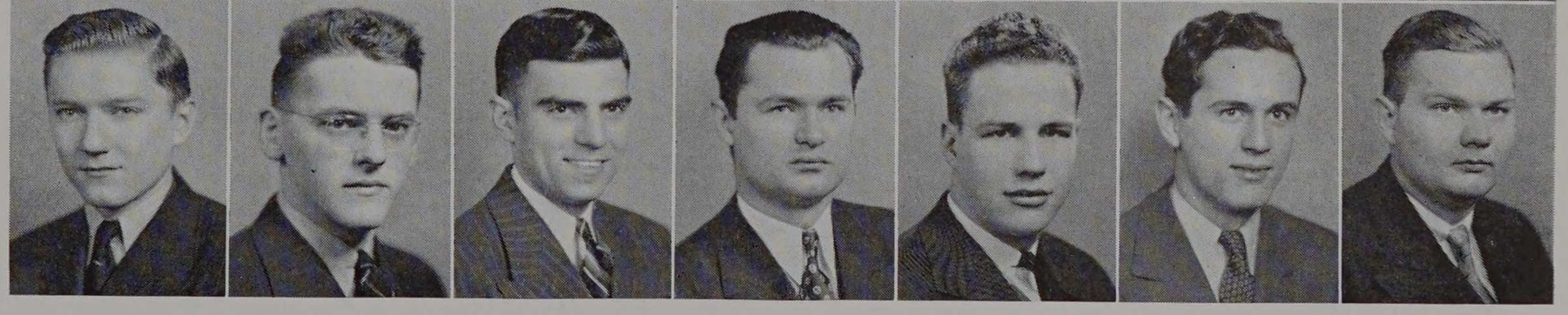
Jackel
Kahl
Kalnin
Kazmierowicz
Long
McAleer
Massman



Mead
Meyer
Minard
Molda
Newman
Norkus
Petri



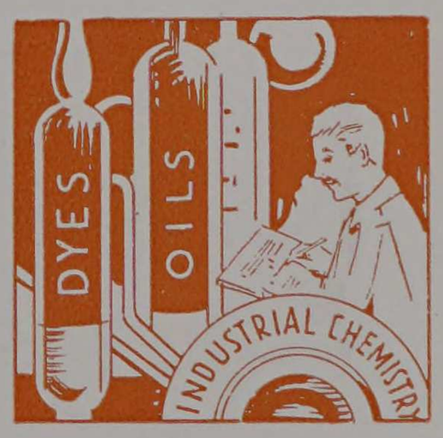
Ryant
Schultz
Segner
Smith
Wagner
Wessel
Wilson



Alpha Chi Sigma, national professional chemical fraternity, was founded thirty-seven years ago at the University of Wisconsin by a group of undergraduate students in the Department of Chemistry. Within the next few years, six chapters were started at various schools in the middle west and south, and from 1908 to 1914 twenty-three more chapters, embracing schools all over the country, were established. Since that time, the number of collegiate chapters has almost doubled, for there are now forty-six active branches located in colleges and universities from coast to coast.

Alpha Chi Sigma is a professional chemical fraternity and is therefore founded on the basic premise of a continuous activity in the affairs of the organization. The existence of this activity is attested by the alumni association, which has expanded into a group of sixteen professional chapters and nine professional groups, scattered from Los Angeles to New York.

Members of the Flask and Beaker, a club of students in the Chemical Engineering department at Armour, saw the value of participation in a national professional chemical fraternity and the group petitioned for chaptership in the organization of Alpha Chi Sigma. Their petition was accepted, and on December 13, 1930, the members of the Flask and Beaker were initiated into Alpha Chi Sigma, forming the Alpha Psi chapter at Armour, the forty-seventh collegiate chapter of the fraternity.



RHO EPSILON

OFFICERS

Julian Leonhardi	*President*
Carl Pierson	*Vice President*
Edward Rosenthal	*Secretary*
Eugene Foster	*Treasurer*
Professor Sear	*Faculty Adviser*

FACULTY MEMBERS

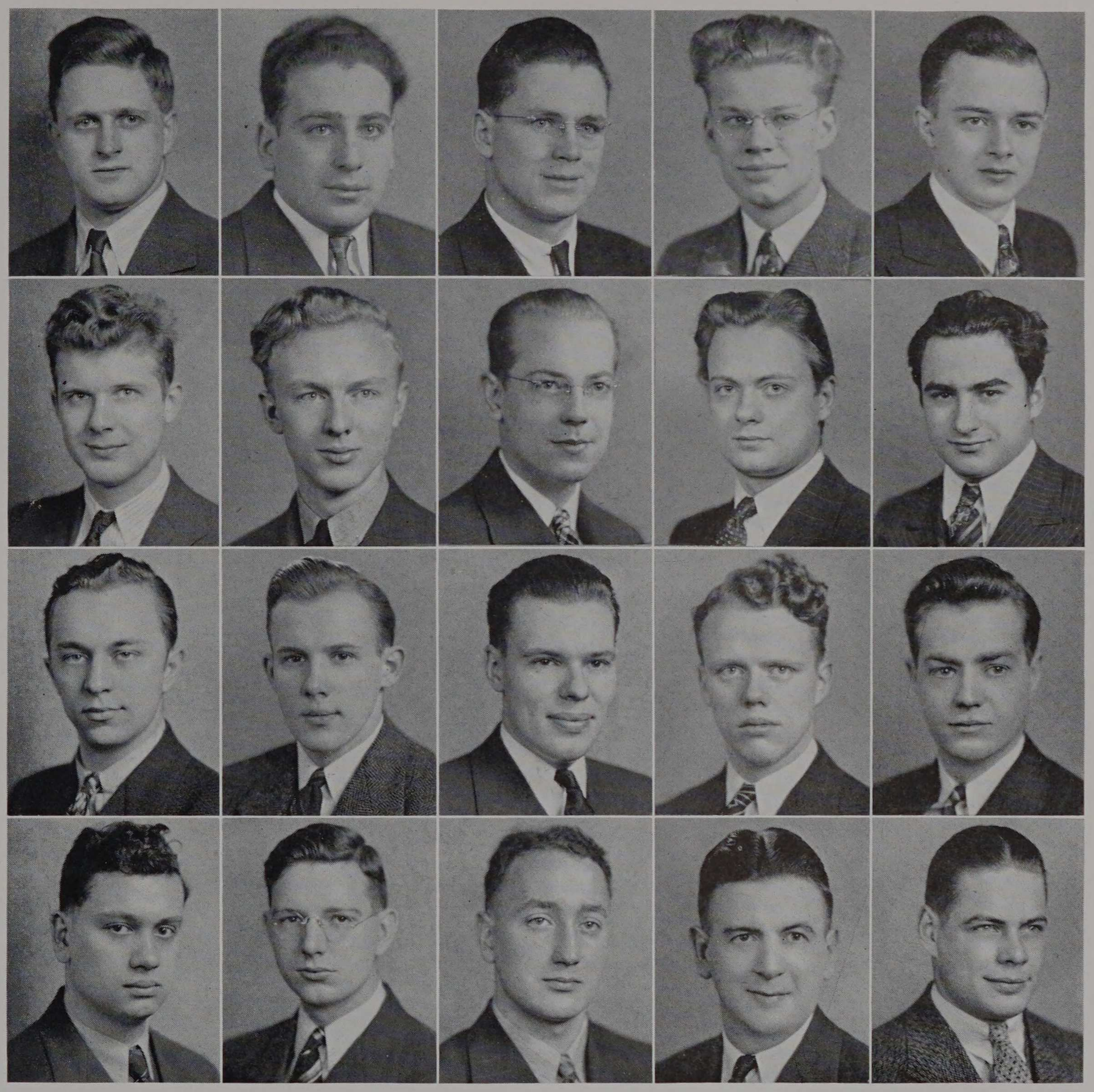
Leonard Holmes — Earle L. Kent

Arthur W. Sear

ACTIVE MEMBERS

William Anthony
Elmer Bauer
Marvin Camras
Walter Clark
Gene Clears
Eugene Foster
Robert Grunwald
Edwin Hass
Milton Hawkins
Charles Hill
Julian Leonhardi
Jorma Leskinen
Louis Maze
Melvin Mendelsohn
Sigmund Mentzel
Edward Minieka
Frank Nader
Carl Pierson
Clarence Russnak
Henry Schoenberg
Charles Schroeder
Ernest Schrot
Anton Seda
Raymond Smessaert

John Zwaska



Bauer
Camras
Clark
Clears
Foster

Grunwald
Hass
Leonhardi
Leskinen
Maze

Mentzel
Minieka
Nader
Pierson
Russnak

Seda
Schroeder
Schrot
Smessaert
Zwaska

The most recent national fraternity to be instituted at Armour is a chapter of Rho Epsilon. Rho Epsilon was founded by the members of the Radio Club of Washington State College in December, 1911. Last April, 1938, a petition for a chapter of Rho Epsilon at Armour was presented to the officers of the fraternity. This petition was forwarded to the society by members of the former Armour Tech Radio Club. The application was accepted by the fraternity and a charter was granted as Epsilon Chapter in June, 1938.

The purpose of this organization is to encourage experimental radio activity among American College Students. The active membership chosen from the student body as a whole must consist of 80% government licensed men holding a Class "B" amateur radio license or better.

The call letters of this organization, W9YW, were obtained from the Federal Communications Commission in 1933. All Chapters of Rho Epsilon are a part of the National Intercollegiate Press Association.



HONOR A

OFFICERS

Lloyd Norkus	*President*
Jack Clark	*Vice President*
William Bauch	*Secretary-Treasurer*

HONORARY MEMBERS

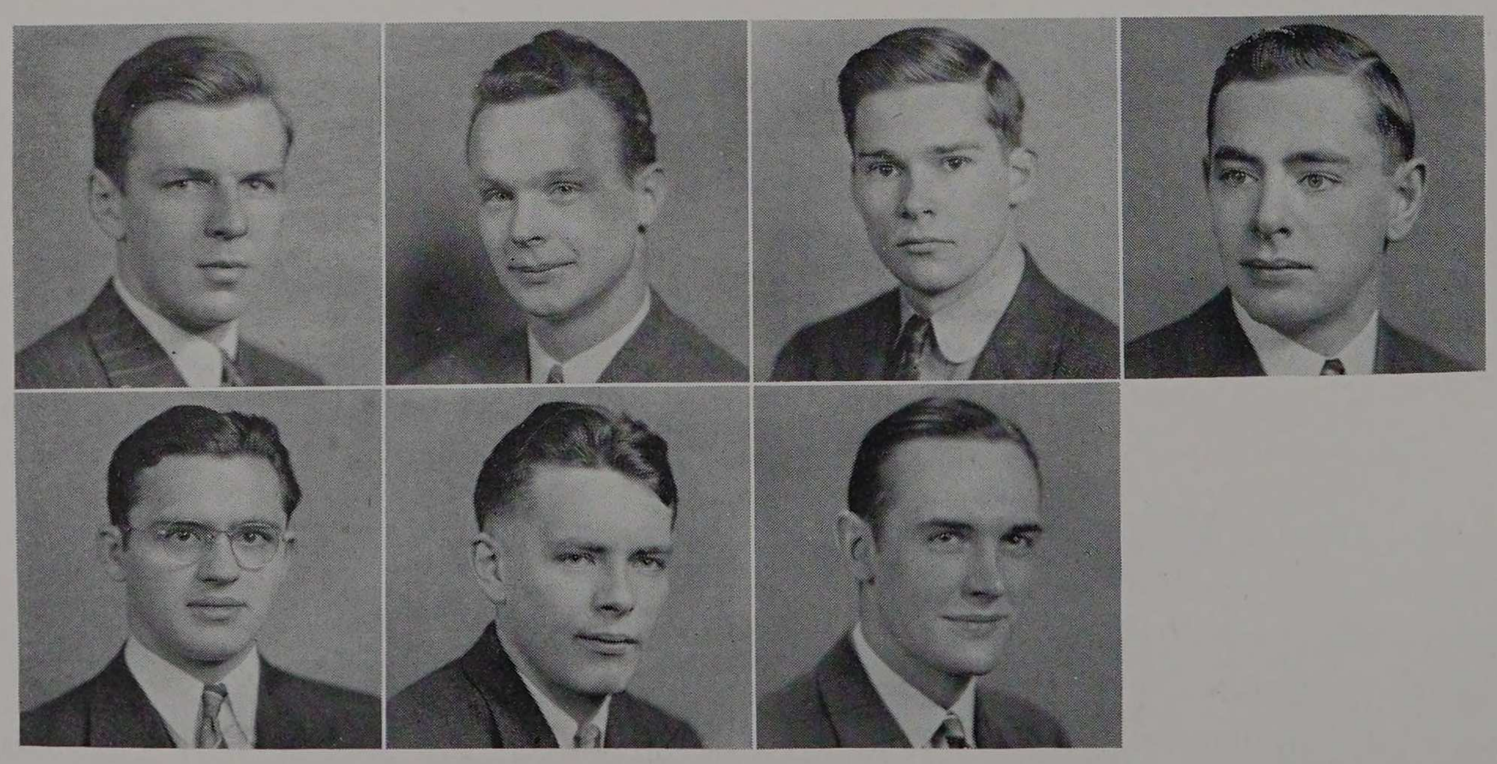
William Kraft — John J. Schommer

Bernard Weissman

ACTIVE MEMBERS

William Bauch	Constantine Kazmierowicz
Jack Clark	Frank Leonard
Raymond Dodge	Lloyd Norkus
John Elwood	Henry Sliwa
George Hanna	Victor Svagdis

Honor "A," the society to which all athletes are eligible but to which few are elected . . . this may briefly describe Armour's athletic honorary. This discriminating selection is one factor which gives Armour's athletes an added incentive to be more than good athletes and major letter winners. For to be truly eligible for Honor "A," the candidate must be considered by active members of the organization to have personality, outstanding character, and to have co-operated in and contributed to the success of his team. This organization, founded in 1914, has honored three hundred athletes in the twenty-six years of its existence. Primary functions of Honor "A" are to encourage students to go out for the teams and to promote the general welfare of athletics whenever possible. It gives an award to the outstanding freshman athlete each year as a spur to future effort and success. Other activities include the sponsorship of an annual Honor "A" alumni banquet, to which last year seventy-two athletes, dating back to the class of '14, were present.

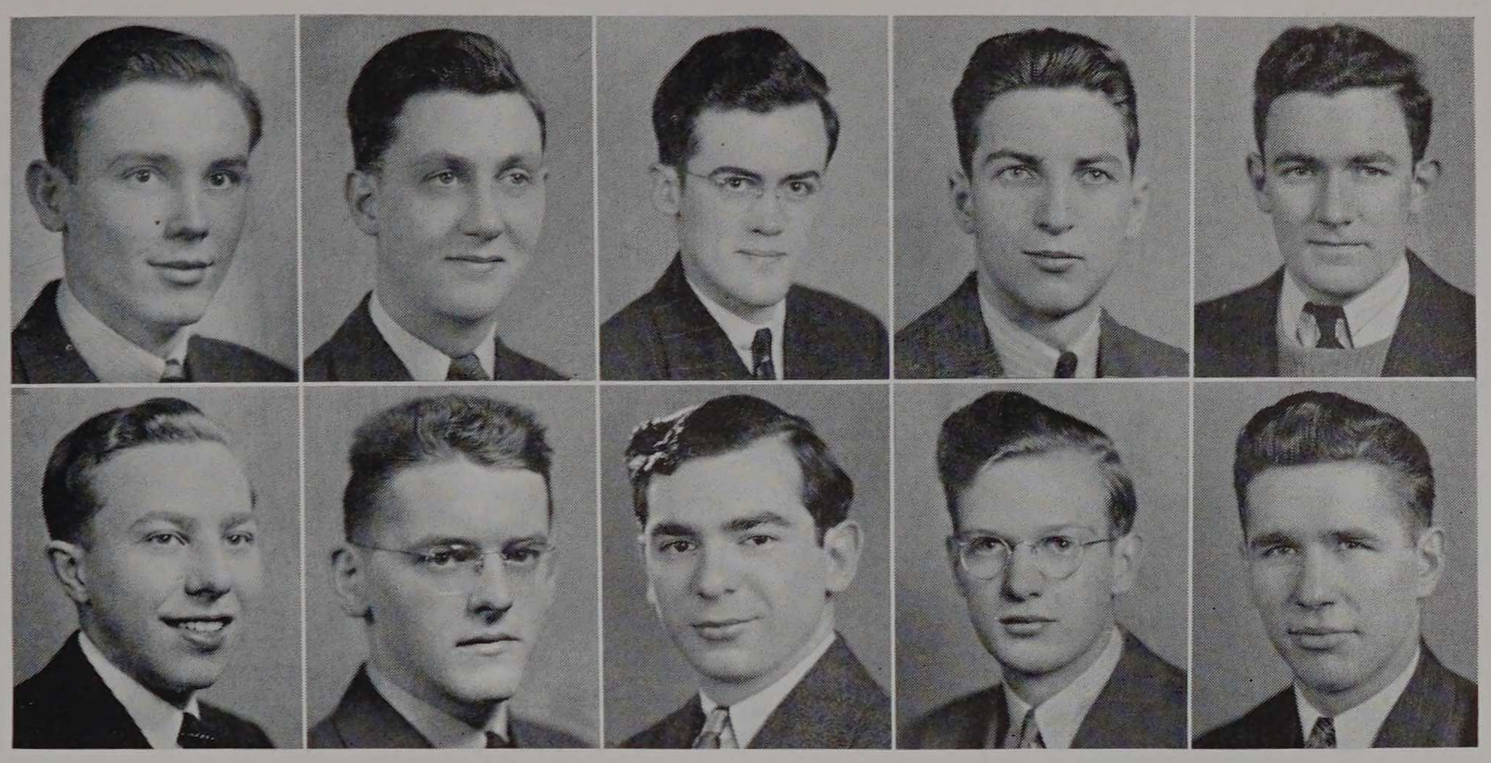


Bauch
Clark
Dodge
Hanna

Kazmierowicz
Leonard
Norkus

Duncan
Erisman
Hunter
Kahl
McAleer

Pavel
Schultz
Sternfeld
Underhill
Wierzbicki



The newest honorary fraternity at Armour, Gamma Theta, accords recognition to those prominent in the field of dramatics. The events culminating in the organization of the fraternity may be traced back as far as October of 1931 when a dramatics group was founded. Since its inception, the group so grew and improved that in 1935 it was decided to establish a more formal organization, an honorary club, to be known as the Armour Player's Guild. It became the function of this body to select, supervise, and sponsor the work of the Players.

In 1939, in order that certain weaknesses of the Guild might be eliminated. Gamma Theta was established as an honorary fraternity and was recognized as such by the Institute officials. Requirements for entrance into the fraternity were made rigorous in an attempt to maintain the standards of Armour's dramatic achievements at a high level.

OFFICERS

Charles Schultz	*President*
Harold Pavel	*Vice President*
Charles McAleer	*Treasurer*

ACTIVE MEMBERS

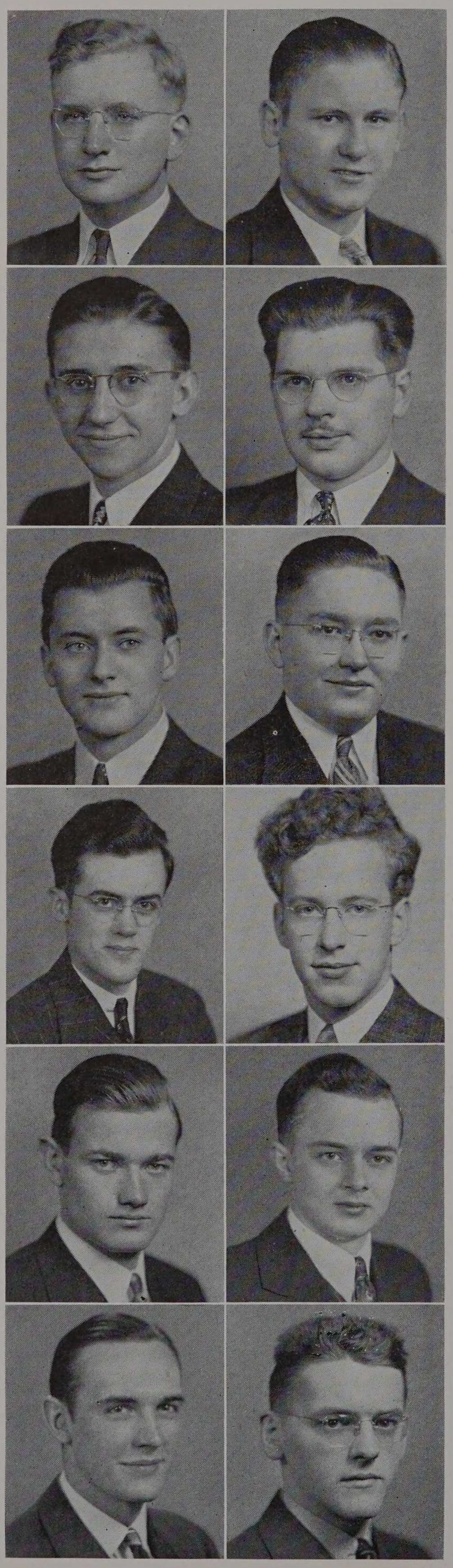
James Duncan
Ralph Erisman
Thomas Hunter
Walter Kahl
Charles McAleer
Arthur Minwegen
Harold Pavel
Albert Sanowskis
Charles Schultz
Bernard Sternfeld
Robert Underhill
Edward Wierzbicki

Walter Hendricks S. I. Hayakawa
Faculty Advisers



GAMMA THETA

INTERHONORARY COUNCIL



Opila
Winkler

Shaver
Balsewick

Newman
Maxwell

Hunter
Doolittle

Hutton
Foster

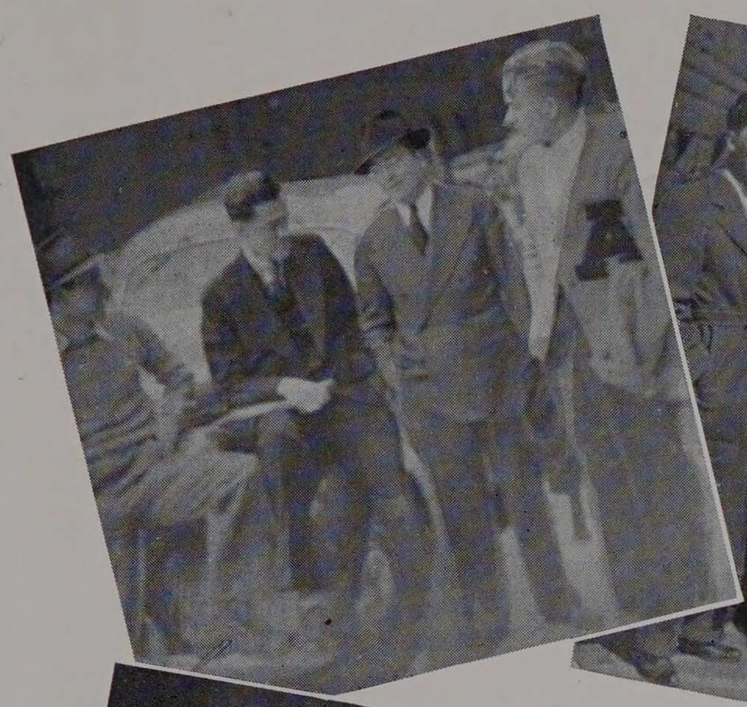
Norkus
Schultz

THE COUNCIL

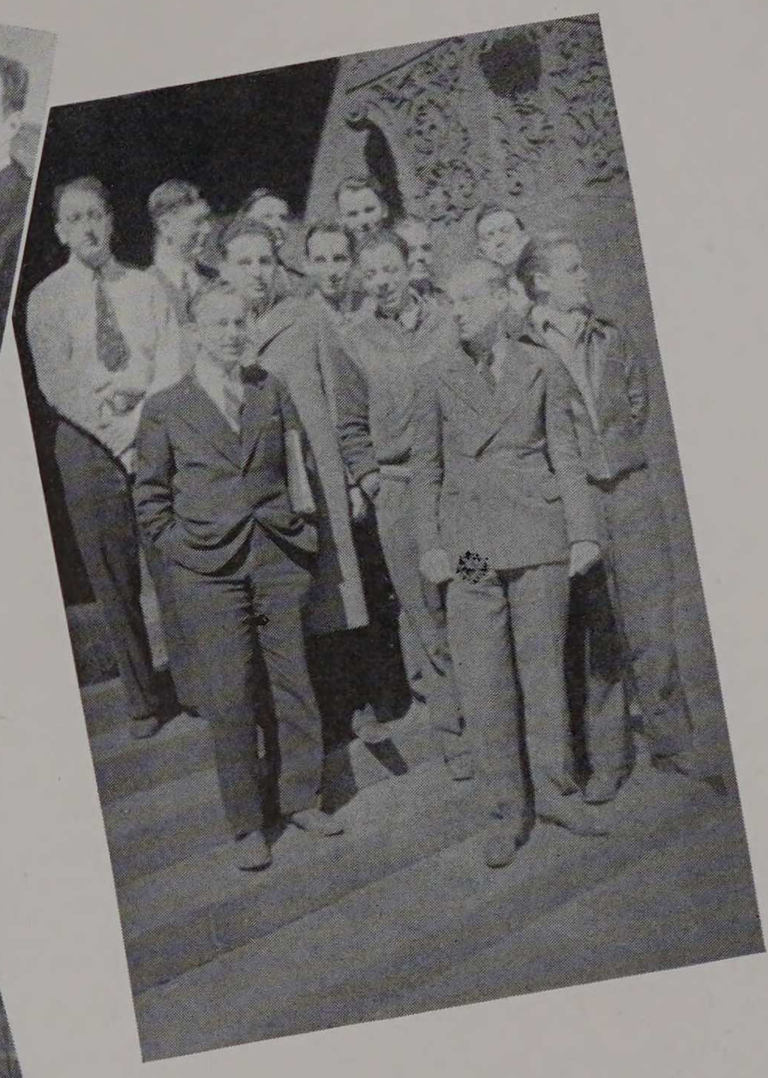
Francis Opila	Tau Beta Pi
Alvin Winkler	Pi Tau Sigma
Dan Shaver	Eta Kappa Nu
John Balsewick	Chi Epsilon
Henry Newman	Phi Lambda Upsilon
Robert Maxwell	Salamander
Thomas Hunter	Sphinx
Harold Doolittle	Pi Nu Epsilon
William Hutton	Scarab
Eugene Foster	Rho Epsilon
Lloyd Norkus	Honor A
Charles Schultz	Gamma Theta

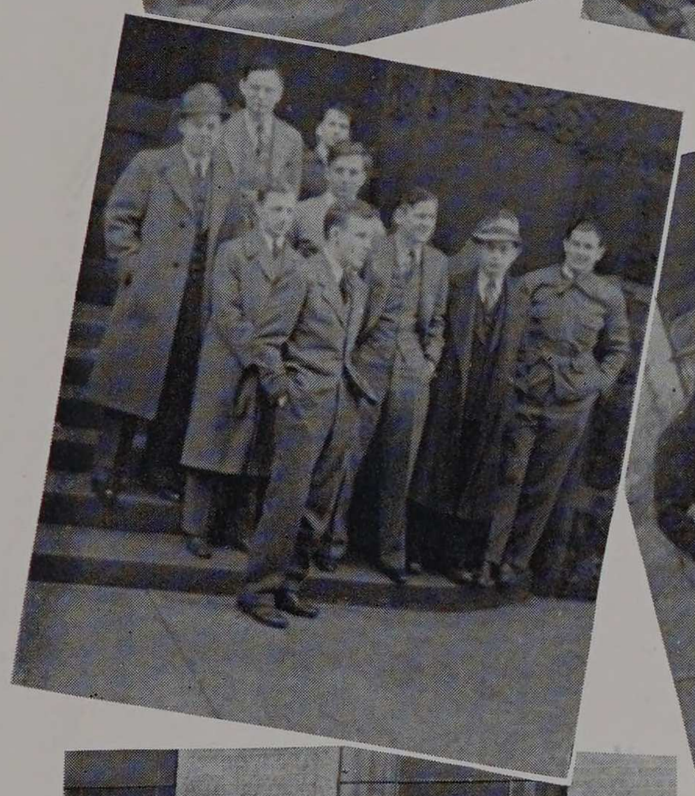
The Interhonorary Council is made up of the presidents of each honorary fraternity. Its president is always the president of Tau Beta Pi. The Council functions in the interests of the honorary fraternities, offering a means for discussion and co-operation in activities.





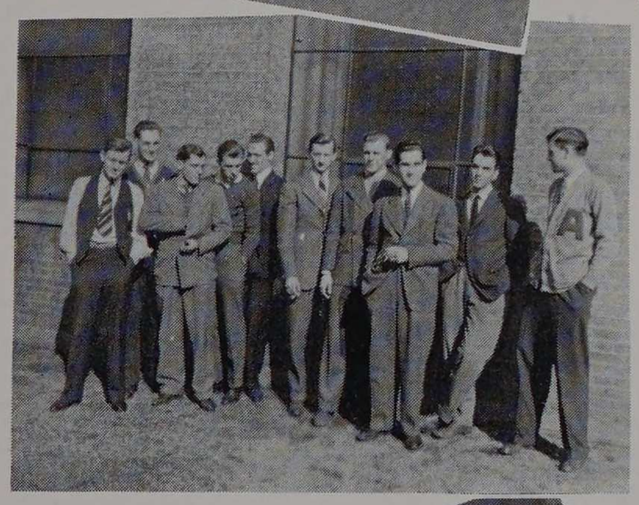


















FACULTY CLUB

A haven and shelter during a tiring day, the Faculty Club is a mecca of rest and regeneration. Here our professors may sit in uninterrupted reverie and figure out the answers to the questions so carefully evaded in class. Here, where the walls have no ears, they may discuss their mutual problems and pleasures. Their ivory tower fastness unchallenged, they find an opportunity to browse through current magazines, improve their bridge, or restore their morale. Deep and inviting easy chairs offer welcome respite from an exhausting hour of lecture.

For a light snack or hearty dinner, the club members may step into their new Pine Room grill, quaint with its old English lamps and pine paneled walls, and discuss and lay to rest the problems of antiquity. The Club, headed this year by President William Kelly, has a social calendar including lectures, movies, and other more relaxing features. As a means for bringing together the Professors' wives, the Faculty Women's Club carries on a very active season both here at Armour and off the campus.



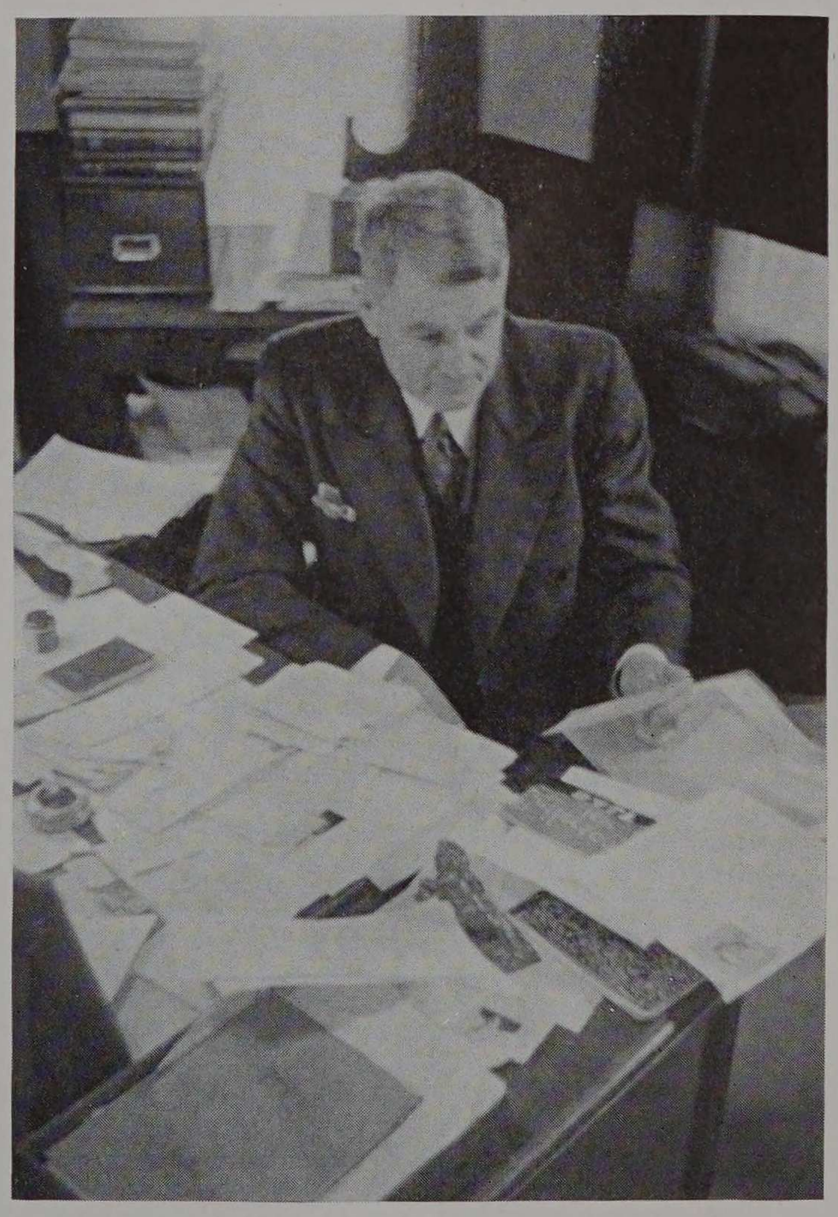
THE ALUMNI ASSOCIATION

The last man has left the stage, diploma in hand. Graduation? Well, yes . . . finally, some will say. College days, for the majority, will be gone forever. Classmates will separate and go their respective ways, stepping out into a different world and leaving behind them their college friends and their alma mater. The Armour Alumni Association, realizing the value of graduate contact, strives to tie together the thousands of alumni into an active body which, besides maintaining old friendships and associations with the alma mater, spreads the achievements of Armour throughout the land.

Perhaps the greatest single medium through which the Association contacts the alumni is the "Armour Engineer and Alumnus" which, with its circulation of over 20,000, is sent to all contributing alumni the world over, and to countless libraries. In addition to handling the Engineer's publication, the Association operates a student loan fund available to senior students. Each June, as a concluding feature of the year's activities, it conducts the annual Alumni banquet where all graduates who can possibly attend gather once more to bring back old memories.

OFFICERS

J. J. Schommer	*President*
J. W. McCaffrey	*Vice President*
W. N. Setterberg	*Secretary-Treasurer*



Uncle John looking over the records as June and job time near.

Having a good time and learning something about engineering takes four years for the undergraduate. Then comes June and commencement and these pastimes must be forsaken for thoughts of a job. From January to graduation week Professors reinforce their lectures with varied quips about the procuring of the all important job. Dads begin to utter sighs of relief at a chance for income instead of outgo. Meanwhile Professor John Schommer's office buzzes with interviews and applications until, as in former years, the greatest part of the class is employed in some capacity for firms the country over.

PLACEMENT BUREAU

SPORTS



BASKET



Facing one of the toughest schedules in recent years, Armour's cagers did not fare too well this seaon. Beset with injuries and a lack of good reserves, the best Stenger's five could do was to win but two of the fourteen games on the '39-'40 docket. Captain Bill Scherer, although handicapped for the majority of the games with an injured shoulder, played inspired ball throughout the season and led the team in scoring, by amassing 112 points. Close behind Scherer was Lloyd Norkus whose 110 points needed but one basket to tie for top honors.

BALL

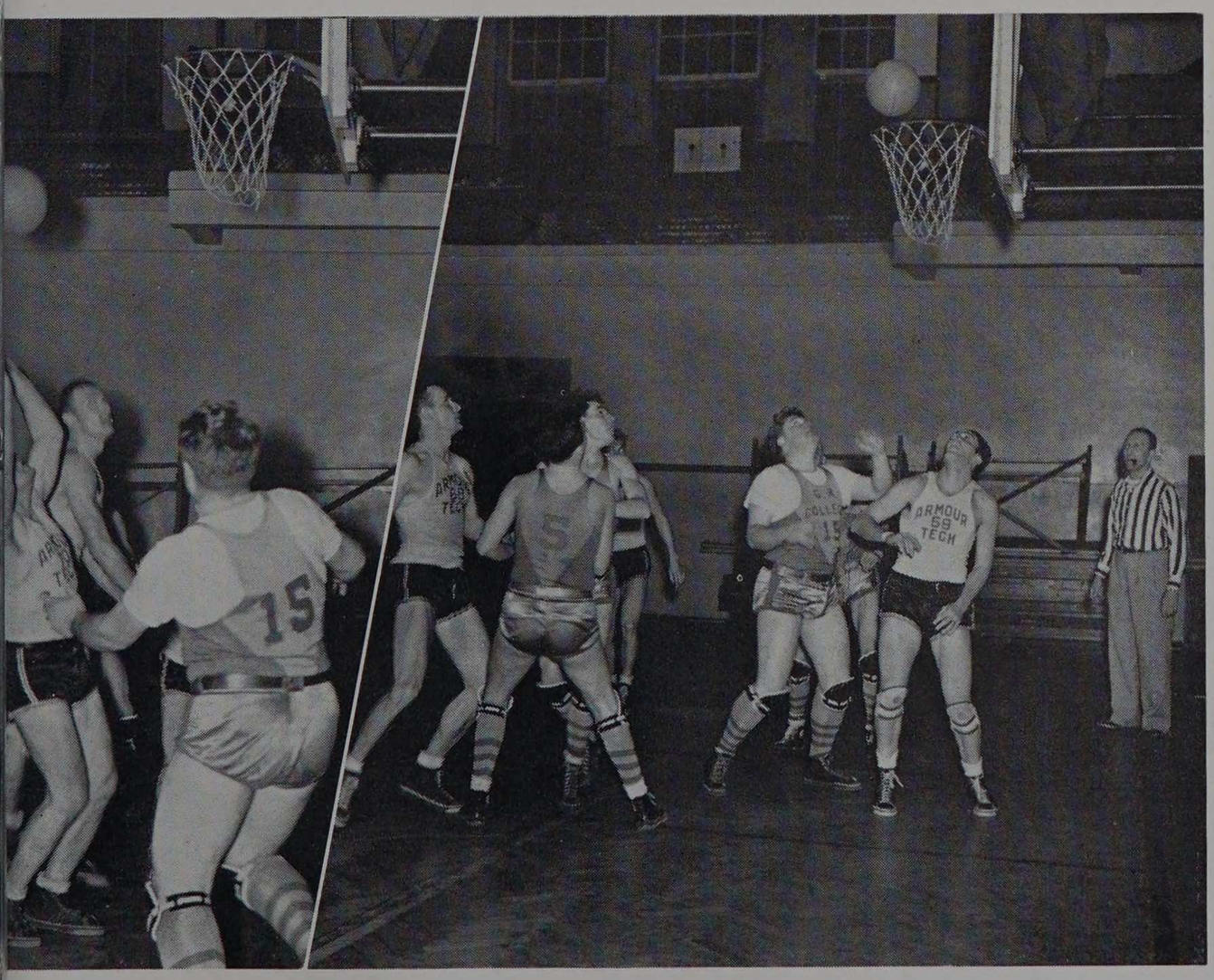


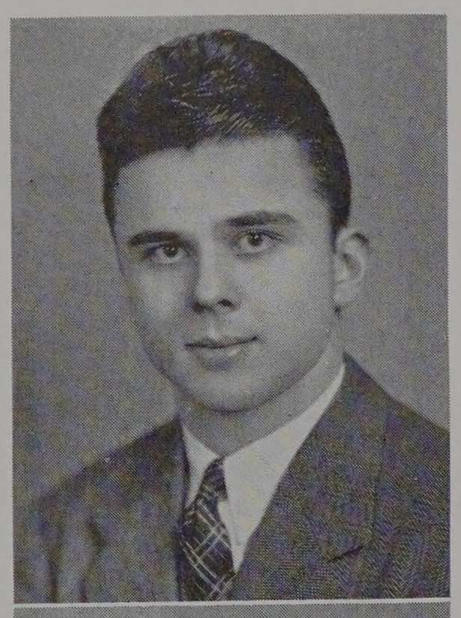
Hank Sliwa, who tied with Eddie O'Connor for third place in the individual scoring, will lead the Techawks during the forthcoming 1940-1941 campaign.

Characteristic of the team's performance for the entire season was the opening game, staged at Beloit. The Techawks played great basketball for the first five minutes, and ended the half holding onto an 18-18 tie. However, the Armour five found the going a bit too tough in the second half and trailed while May startled the locals with his adept passing and shooting. His uncontrollable tactics spelled a 50-36 defeat for Armour.

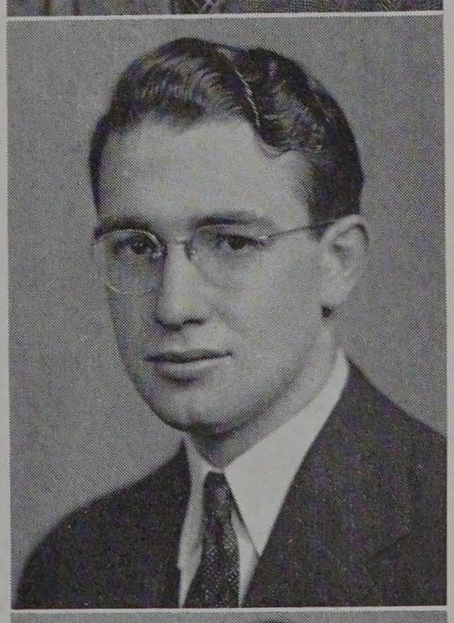
In the first home game of the year with Arkansas State before a rousing crowd of Pep club enthusiasts the story was repeated. Off to an early game lead, the Techawks wilted when the guards forgot about a razorback named Tilley, who sneaked around in the back court for 26 points. The game finally ended with the Techawks holding the short end of a 56-39 tally.

Against Lake Forest the cagers again gave a good first half performance, leaving the floor with the score board reading Armour 18, Lake Forest 18. However, with two minutes to go in the second half a fistic free-for-all ensued and Captain Scherer was ejected from the game. With the departure of Scherer, Armour's defense vanished and the Foresters won, 50-36.





Scherer
Captain



Lasker
Manager



Stenger
Coach



At DeKalb the Techawks went down 46-25. In the return game with Lake Forest in the Armory, the local five jumped to a 22-20 first half lead, and then showed a complete reversal of form in their second half performance. Through the accurate shooting of Gates and Harrison, the Foresters ran up the score to 52-35. Poor proficiency in the free throw department cost the Techawks their game with Elmhurst as they went down in defeat 28-26. Against the Maroons the Techawks looked better than last year, but still found the Chicago defense too impervious and so garnered 23 points as compared to Chicago's 45.

Before Scherer's homefolk at Naperville and under the tutelage of O'Brien and Weissman, who were pinch hitting for the ill coach, Stenger, the Techawks played their best game of the year against North Central, although losing 48-40. After tasting double defeat at the hands of Grand Rapids and Lawrence Tech of Detroit on their 'tween semester jaunt, the Tech cagers broke their losing streak at eleven by handing George Williams a one point defeat. The game proved a 34-33 thriller, and served as a fitting prelude to the Chicago Bruins pro tilt. The Techawks made it two straight by whipping Elmhurst 53-49 in a free scoring contest at Elmhurst. Armour's valiant five hit a low ebb in performance as they bowed before a fast moving North Central five, 41-30, to ring down the curtain on the worst season in years.



Captain Scherer and Coach Stenger on the Armory floor.



Second Row: Doane, Ass't Mgr., Futterer, Brierley, Sher, Bergstrom, Radakus, Smith, Norkus, Lasker, Mgr.
First Row: Lurz, Sliwa, Sieg, Scherer, Capt., Fahey, O'Connor, Coach Stenger.

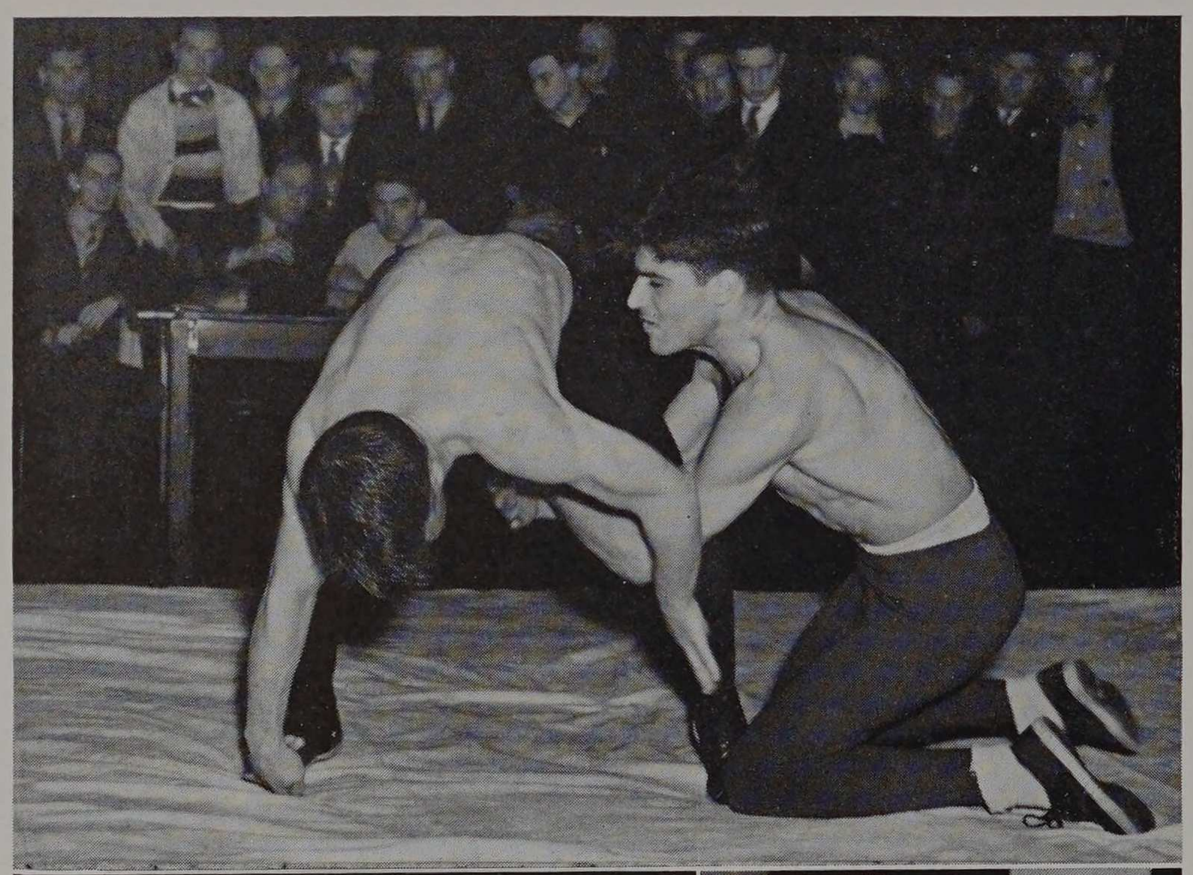
THE FRESHMAN TEAM

After getting off to a slow start, the Frosh basketball team suddenly found itself and proceeded to defeat Elmhurst and Chicago Teachers to end the season with a .500 record. By whipping Chicago Teachers 17-16 the '43 quintet avenged an earlier defeat at the hands of the Colonels. The other loss was to a strong Cardinal five at North Central. A wealth of good material was found in the freshman squad, and from this group Coach Bill O'Brien molded a winning combination that put the varsity on its toes and defeated company "D" 60-15 in the season's finale.



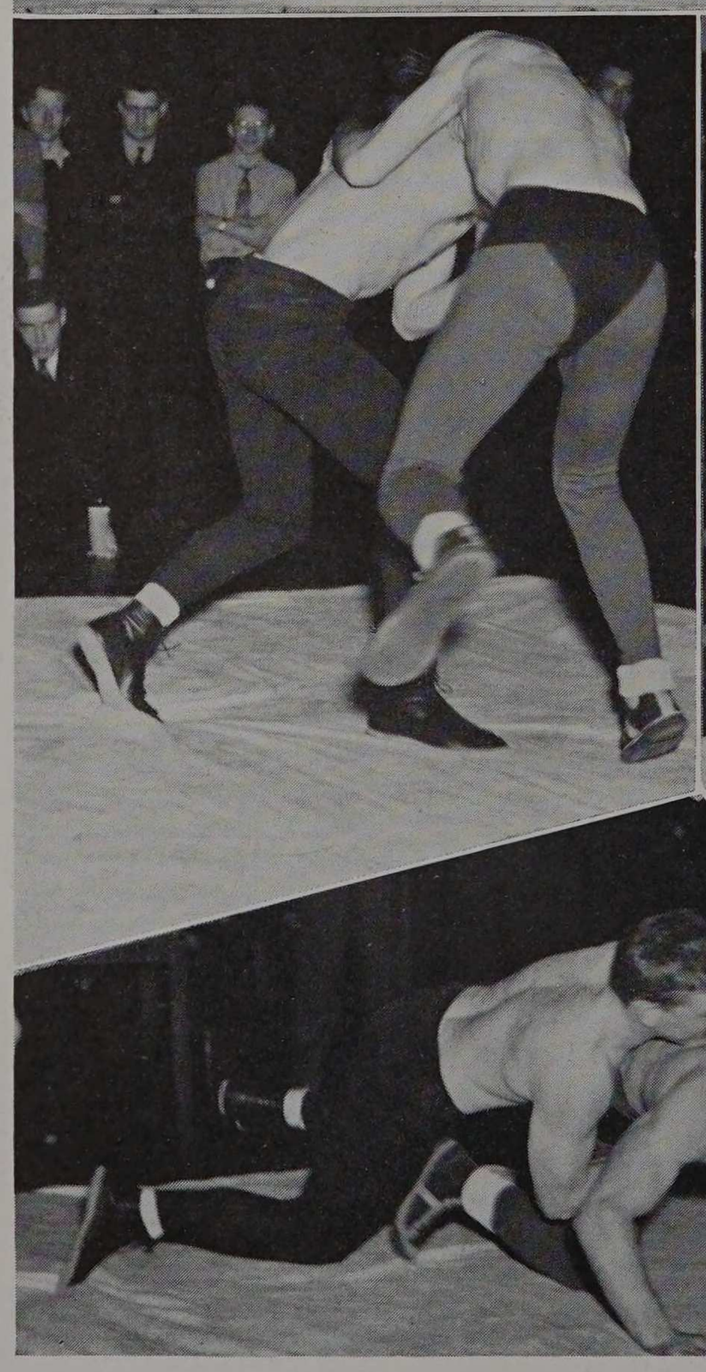
Silla, Klein, LaGodney, Cox, Guetzow, Brazelton, C. Jones, Capt.

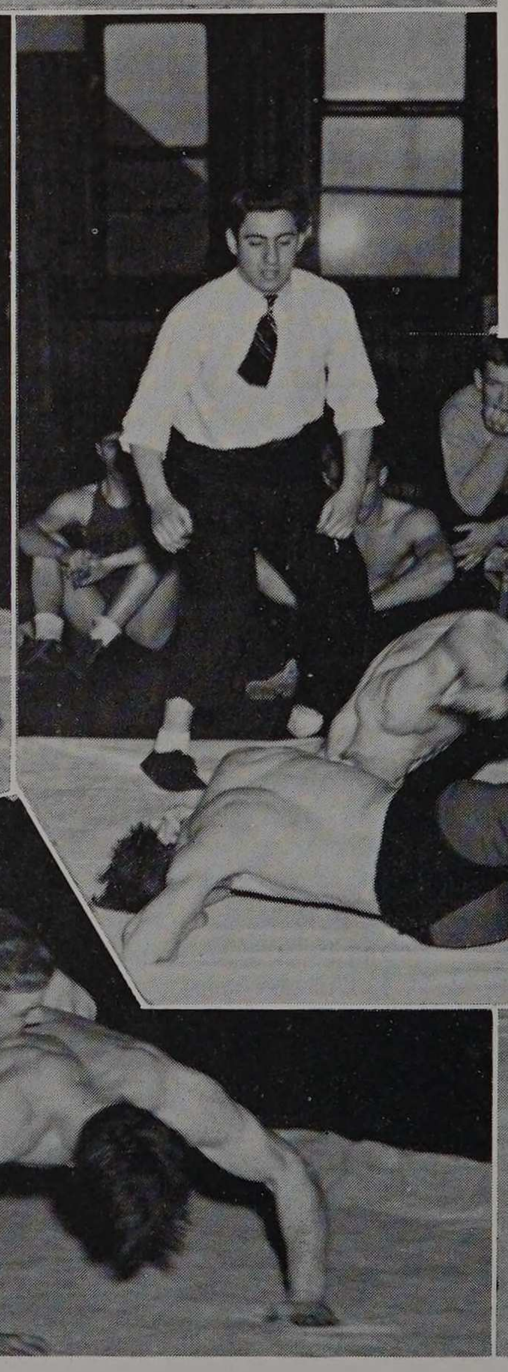
W R E S T L



Under the leadership of Captain George Hanna and the able coaching of Sonny Weissman, the Tech wrestlers went through a ten meet schedule winning five, tying another, and taking a fifth in the Wheaton Invitational. Armour piled up a total of one hundred and ninety-one points against ninety-seven for her opponents. Losses were encountered with Wheaton, Beloit, and DeKalb, although in the case of Beloit, the meet hinged on the final match.

Hanna and Nigrelli each won seven of the nine matches in which they competed to take scoring honors for the season. Kaz-







I N G



mierowicz took six bouts in a row before he was defeated, ending the season with seven wins and three losses. It was six out of nine for both Till and Wasilenko, while Harrison earned his share of points with six victories.

The wrestlers opened their season against Herzl Junior College on December 5 and won seven of the eight matches for a 29-3 victory. Harrison, Nigrelli, Hurwitz, and Balsewick garnered five points each for pinning their men, while Hanna, Siew, and Kazmierowicz all won on decisions with time advantages of 4:30, 3:20, and 1:30 minutes respectively.

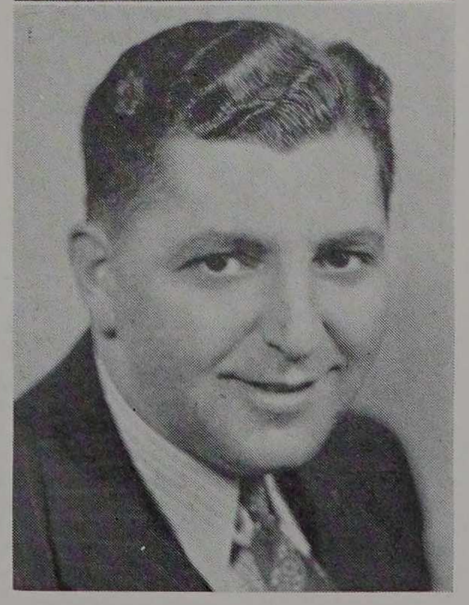
Real competition was afforded when Wheaton came to Armour on December 12. The Ministers, however, went home with a 21-9 victory, winning on three falls and two decisions. The engineers were able to grunt out only three decisions. Wasilenko evened up his season's record with a win, and Harrison and Kazmierowicz continued on their undefeated way.



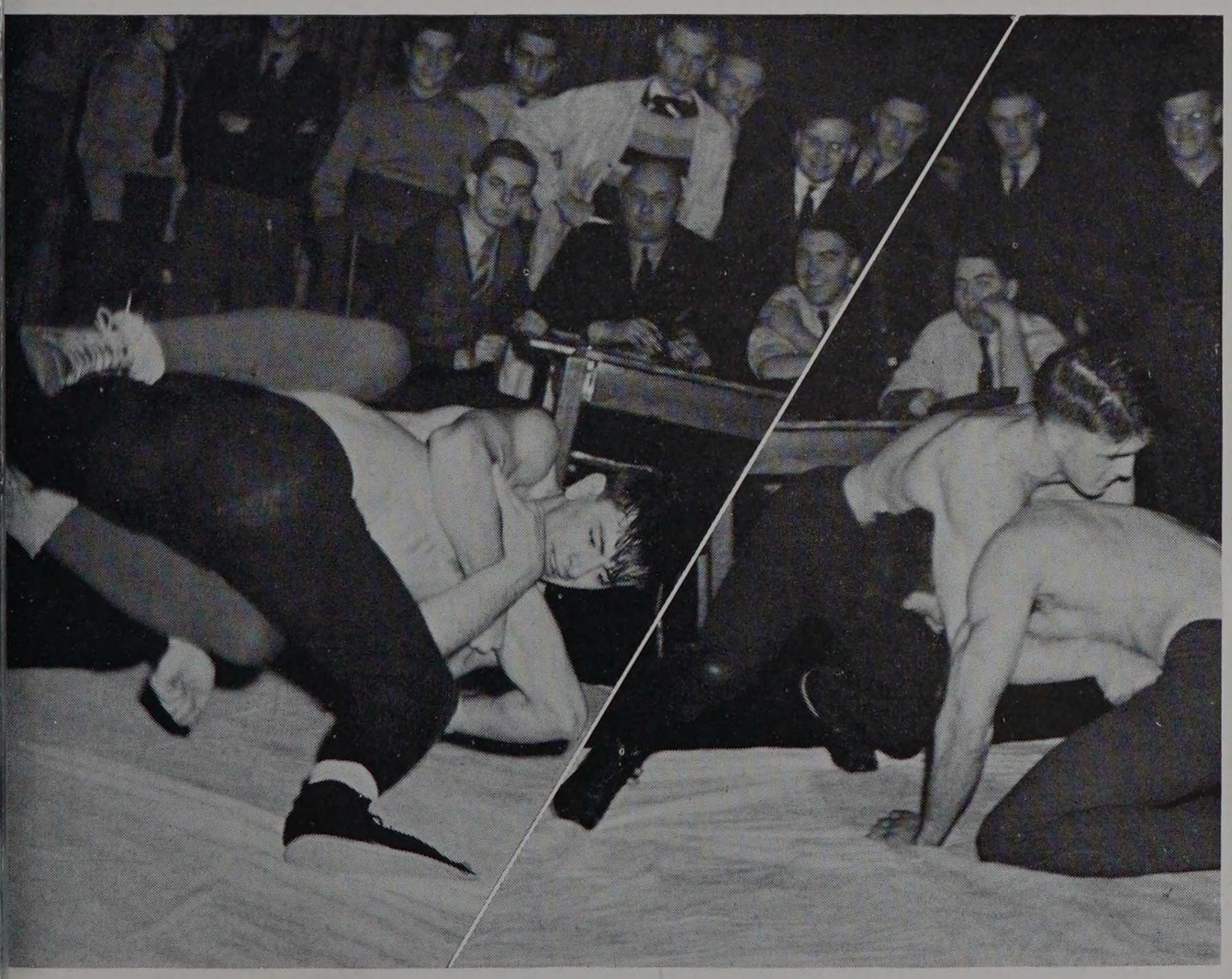
Hanna
Captain



DeMent
Manager



Weissman
Coach





The following week the wrestling team avenged its first defeat by trouncing Morton Junior College 28-8, taking six of the eight matches. Five of them were on falls and one by a decision. Hanna, Harrison, Nigrelli, Wasilenko, and Kazmierowicz all floored their opponents in fast time. On January 17 the grapplers went to Morton for a return meet and added another victory to their win column by the score of 22-8. Combining four decisions and two falls against a decision and a fall for Morton, the Techawks clearly showed their superiority. Two days later, while their coach was subbing on the basketball team, the wrestlers went on their own to whip Herzl, 34-0, in a return meet at Herzl. Only three of the eight bouts went the limit, and, in those, the Techawks had wide time advantages.

DeKalb Teachers College visited Armour on February 14, and went home with no gain as a result of a 12-12 tie. Harrison broke his winning streak at five straight when he lost on a decision to Cook with a time advantage of 2:18 minutes. Four days later, the matmen succumbed to a 24-8 defeat at the hands of the Teachers in a return meet in DeKalb. Kazmierowicz was among the less fortunate to end his record at six straight. Davenport finally pinned him after 8:11 minutes of struggling.



Coach Weissman and Captain Hanna talk it over on the mat.



Top Row: Grinndal, Ass't Mgr., Baum, Peterson, Sanowskis, DeBoo, Zemaitis, Roberts, DeMent, Mgr. *Second Row:* Balsewick, Rosenberg, Till, Kazmierowicz, Jensen, Butkus, Cole, Mustakas, Hurvitz, Blume, Wagner. *First Row:* Coach Weissman, Hanna, Capt. Wolniak.

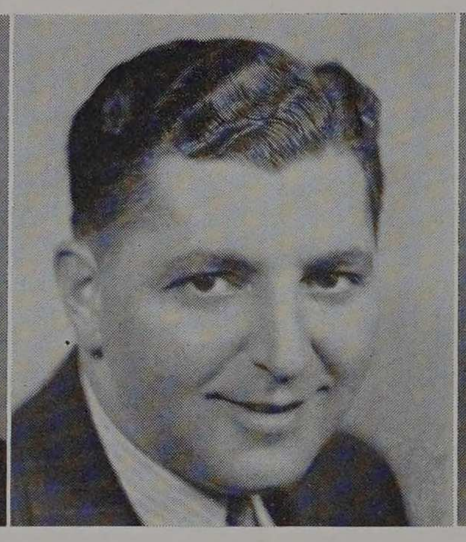
Beloit college was the next opponent of the wrestlers when they traveled to the Wisconsin school on February 24. Inability to win the bouts in the heavier weight divisions spelled doom for the matmen as they lost 16-14. After holding a 14-5 lead at the end of the first five matches, the Techawks dropped the last three to lose the meet. Again on the road, Weissman's boys stopped this time at Wheaton for the Wheaton Invitational. When all the groaning was over that afternoon of March 2, they returned home with a fifth place. Balsewick, fighting in the heavyweight division, was the only Techawk who thoroughly enjoyed the meet. Besides getting four of the five points that Armour managed to total, Balsewick defeated two of the men who had previously whipped him in dual meets. Wolniak added the other point when he gained third place in the 175 pound division.

In the final meet, Tech's matmen had little difficulty in crushing Augustana by the score of 35-5. The meet was held March 9 at the Rock Island school. Five of the eight bouts were won on falls in less than five minutes. DeMent, stripping off his managerial clothes and donning those of a grunt and groan artist, produced Augustana's only win and her five points.

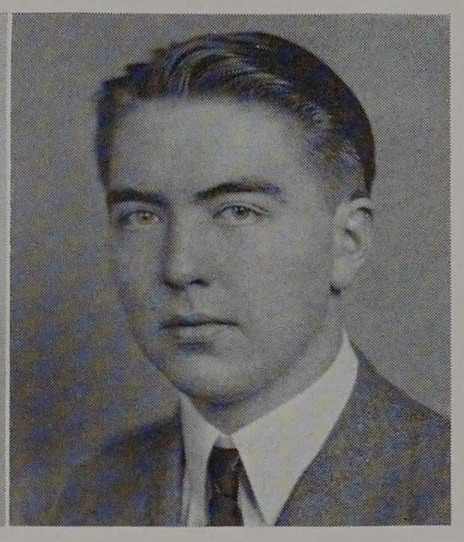
BOXING



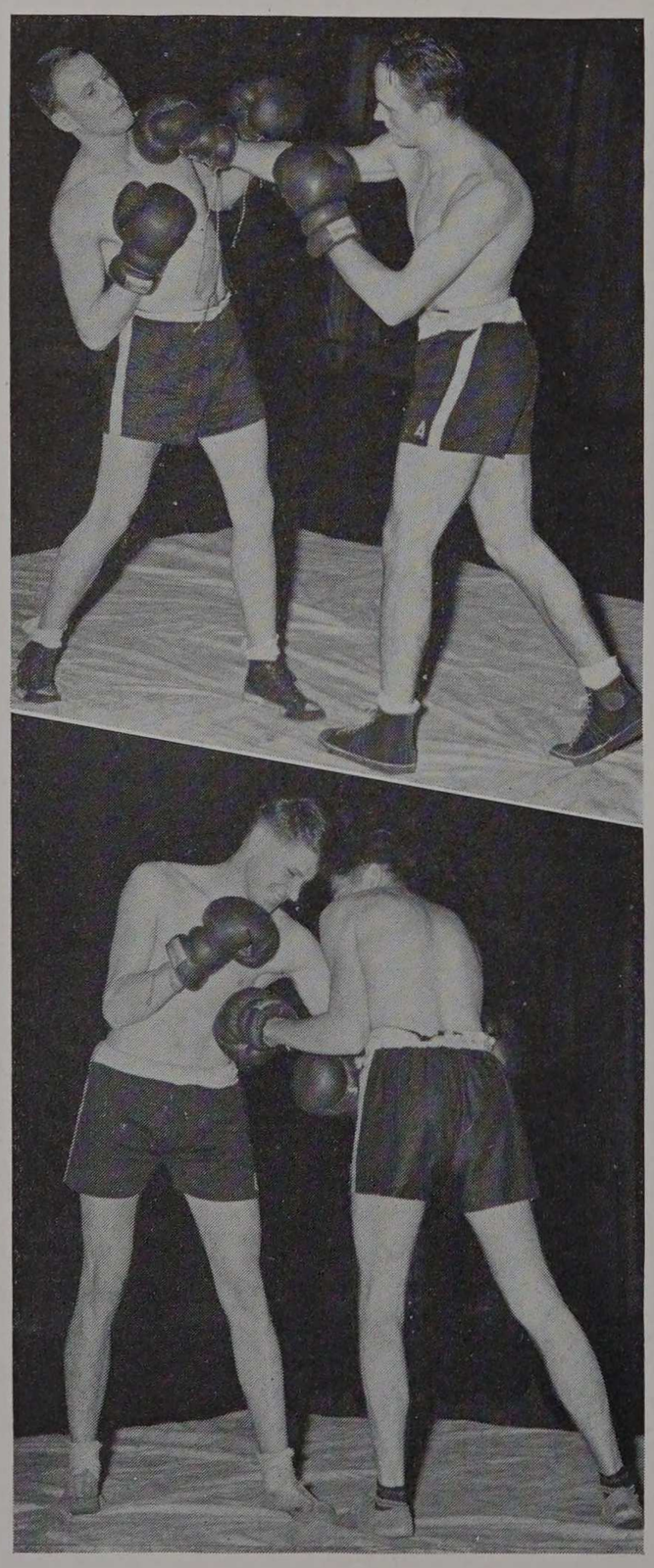
Colant
Captain



Weissman
Coach



Hawkins
Manager



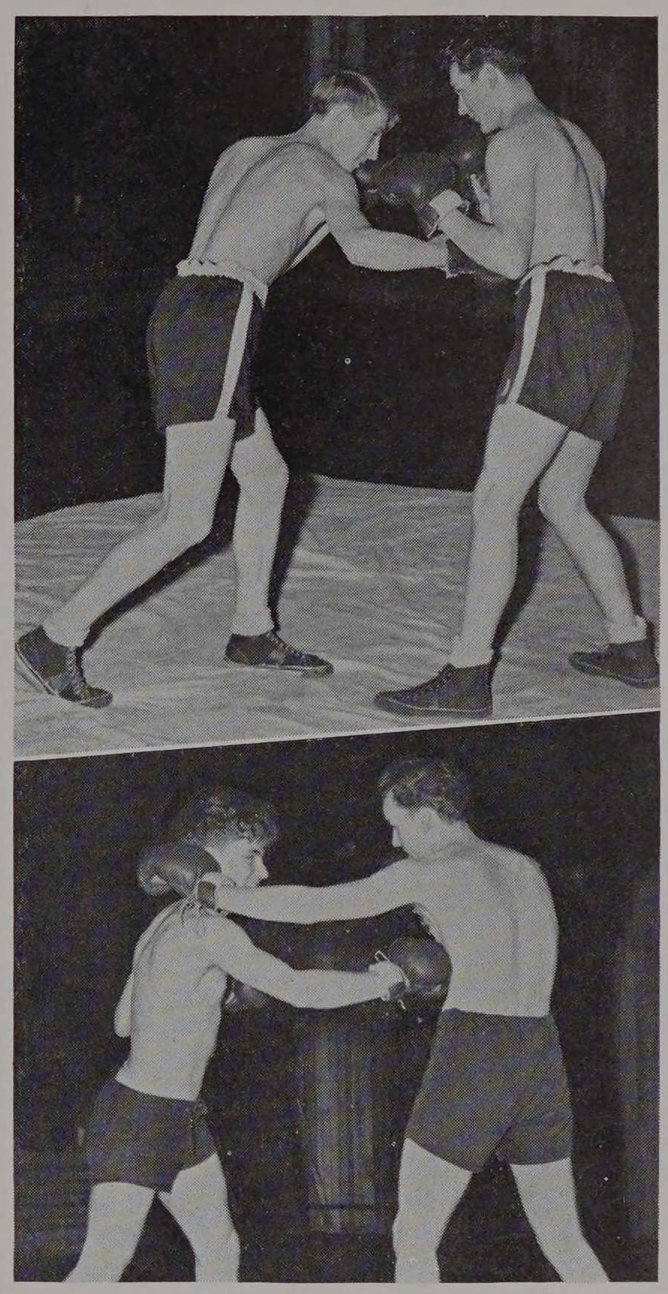
Once again the Golden Gloves tournament took Chicago by storm, and once again Armour sent a sizable team of fighters through the ropes into the flood-lit square. Ever since the inaugural of this top ranking amateur boxing tourney the Techawks have been represented by the ablest boxers in school. And this year was no exception, for of the eight men that wore the Black and Gold trunks, four won their initial bouts and one reached the third round.

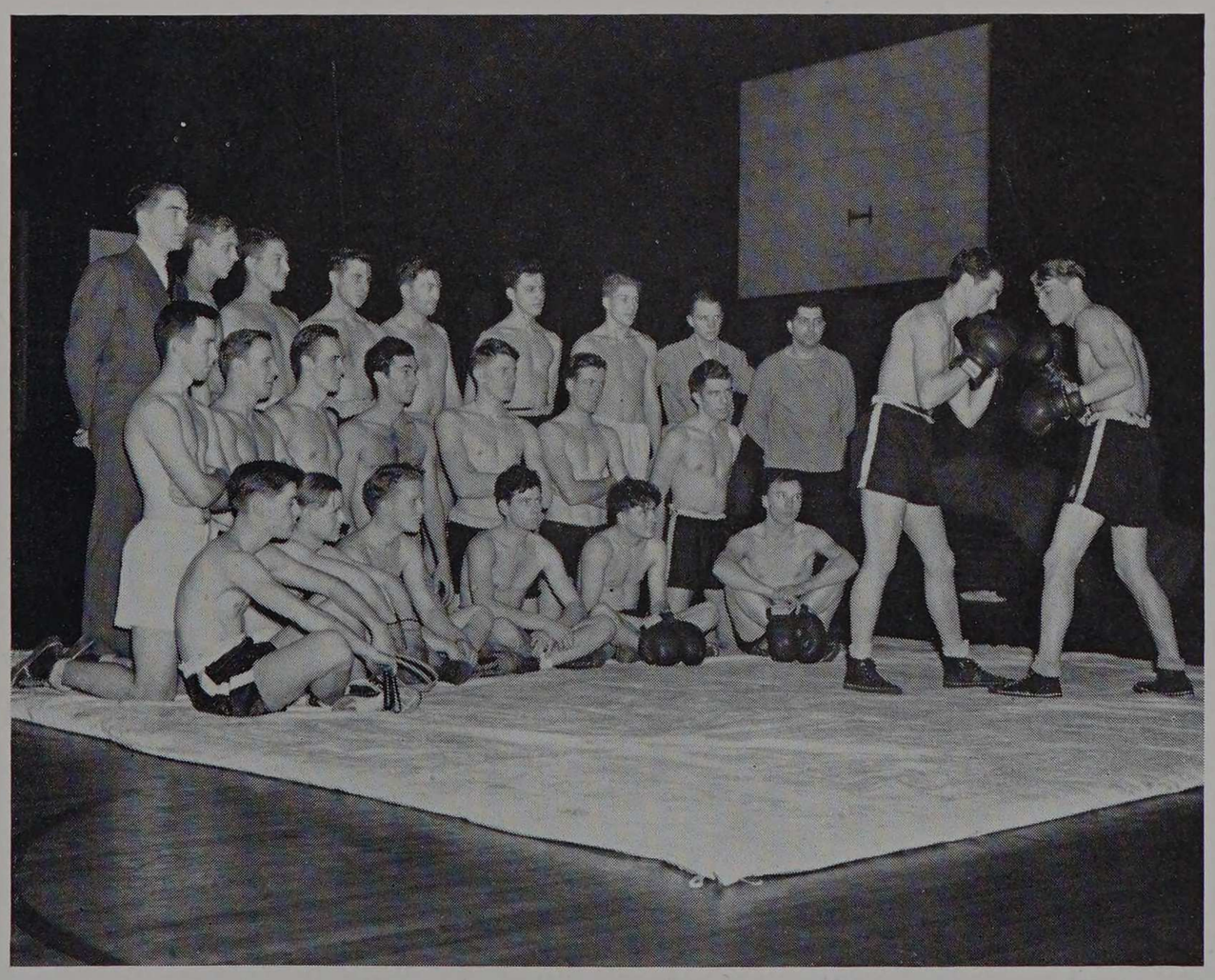
Fighting in the 125 pound class Jerry DeGiorgi was the standout man for the Engineers. Early in the first evening of fighting he knocked out his opponent for a win, and later the same night came back to kayo another Golden Glove aspirant. However, on the next night, DeGiorgi lost in a very close decision to a more experienced contestant. The other three who survived the first round of slugging were LeRoy Simpson, Will Kruse, and Roy Ericson. However, both were matched against heralded entries in the second round and consequently were eliminated from the tournament via the decision route. Kruse fought a spectacular fight, and nearly received the referee's nod.

The greatest set back of the tourney came in the bout in which Captain Ernie Colant suffered a fractured hand as he battled his way through his fight in the 135 pound division. The decision naturally went against Ernie, but his effort was typical of the fine, clean fighting shown by his fellow Techawks throughout the tournament. Besides training the Tech Golden Glove entries, Sonny Weissman served as a "corner man" during the entire tournament.

The intercollegiate competition this year consisted of a pair of matches with Valparaiso University of Valparaiso, Indiana. The Techawks experienced no trouble in winning both of them by handsome margins. Before a large local audience, our boxers slugged their way to take four of the six bouts. DeGiorgi lost the first bout, but the Techawks made amends in all but one of the remaining bouts. Ericson, shifting and weaving like a veteran of the ring, won his bout easily in the 135 pound division. Peterman, Rehwaldt, and Norkus were awarded decisions, while at 145 pounds Wolf of the Indiana team received the judges' decision from Collins after a lively battle.

In the return meet the only marked difference was the fierceness of the individual bouts. Instead of decisions, TKO's were awarded. The final score was 4½-1½, with the proteges of Weissman on the long end. The fight between DeGiorgi and Hirsch in the 125 pound class was called a draw after it was stopped in the second round. Ericson again won in the 135 pound division and at 155 pounds Armour suffered its only loss as Pollak took one too many on the nose in the second round. Peterman stopped his man in the second, while both Rehwaldt and Norkus were forced to go the limit to win. Norkus, punching in the heavyweight class, put on the best fight of the day.

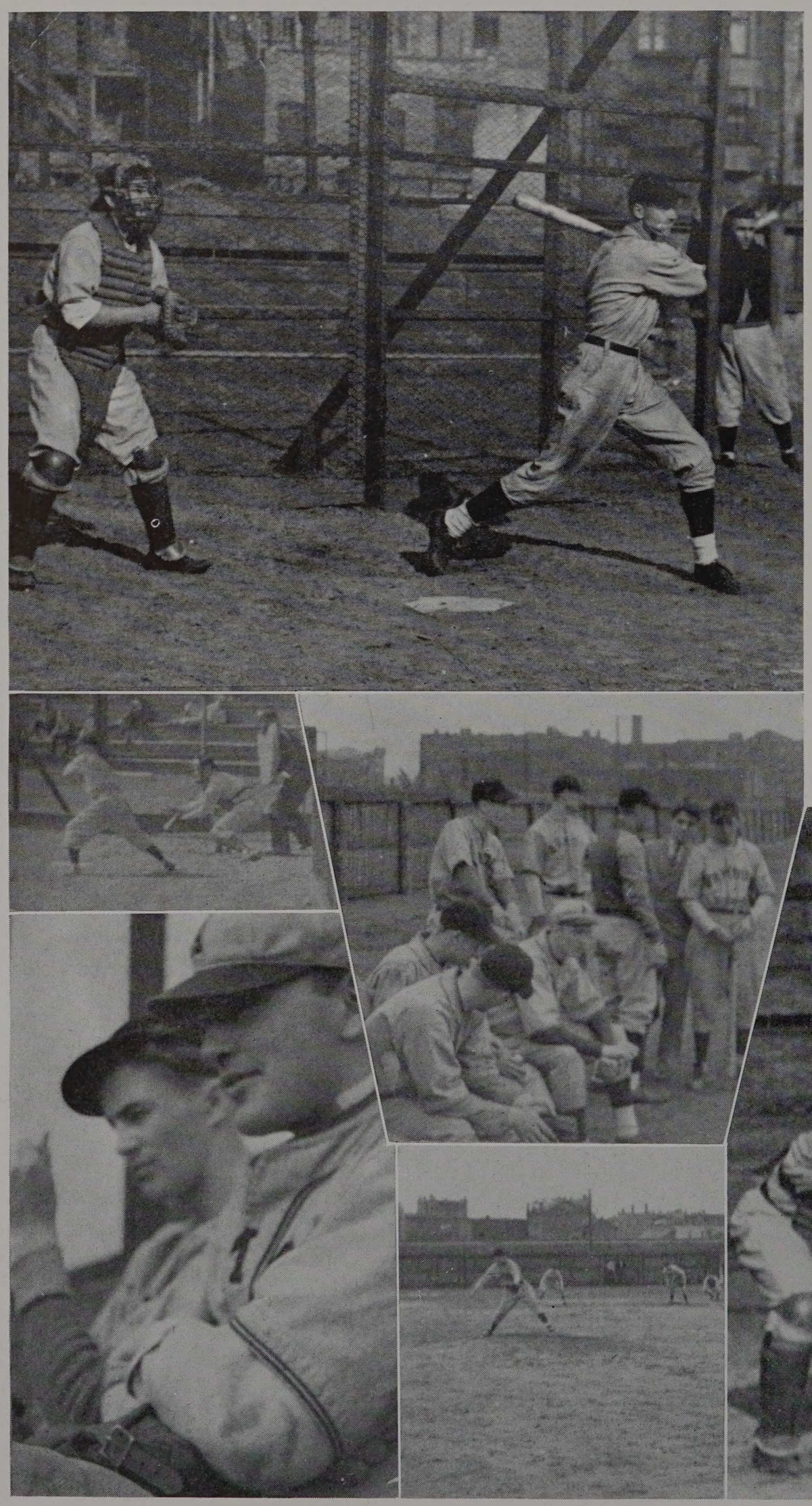




Top Row: Hawkins, Mgr., Gullborg, Rehwaldt, Pollak, McGinnis, Lukes, Watson, Knief, Ass't Mgr., Coach Weissman. *Second Row:* Lease, Peterman, Norkus, Niems, Obergfell, Sullivan, Kasman. *First Row:* Simpson, Hanneman, Dunworth, Ericson, DeGiorgi, Lukes, Collins, Colant, Capt.



BASEBA



Playing almost errorless ball through the month of May, Armour's nine made amends for the first half of the season and ended the year with a record of six wins against seven losses. This gave them a percentage of .462, a trifle under last year's standing.

For their warm-up game, the Techawks again battled the boys from the Midway. Captain Willie Kruse was awarded the opening pitching assignment against the University of Chicago. The Techmen showed great early season form, although bowing to the Maroons 4-1. A trip to Elmhurst the following week resulted in the first win of the season, with "Red"

L L



James turning in a fine hurling performance. The final score was 2-1.

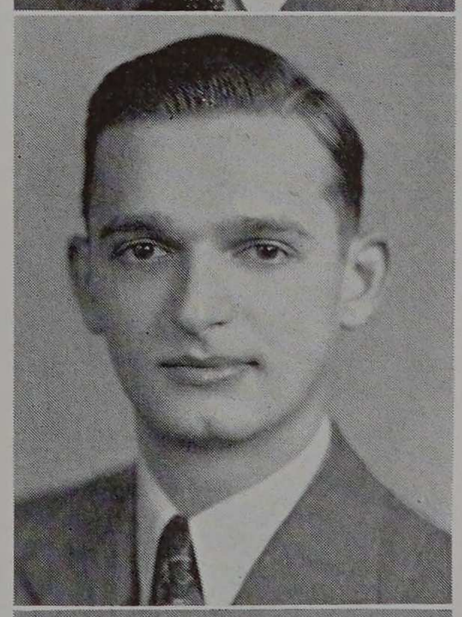
Two encounters with North Central and one with Lake Forest netted the Techawk team three fine games, but, unfortunately, three defeats. The initial North Central meeting was a thrilling ten-inning battle that ended in a 3-1 win for the Naperville lads. In the second encounter with the Cardinals the Armour boys put on their best display of offensive strength thus far, but four errors behind the stout pitching of Al Yursis contributed to a 7-4 downfall for the Stengermen. Behind the steady pitching of Willie Kruse, and some timely hitting by Lyckberg, the ball team came through with its second win of the season, a 3-0 victory over the DeKalb Teachers. Kruse fanned twelve men while scoring the shutout.

On the road again the Armourites lost a close game to the boys from Wabash, the final score reading 5-2. The third victory for the year came in a 3-1 trouncing of an experienced Augustana nine.



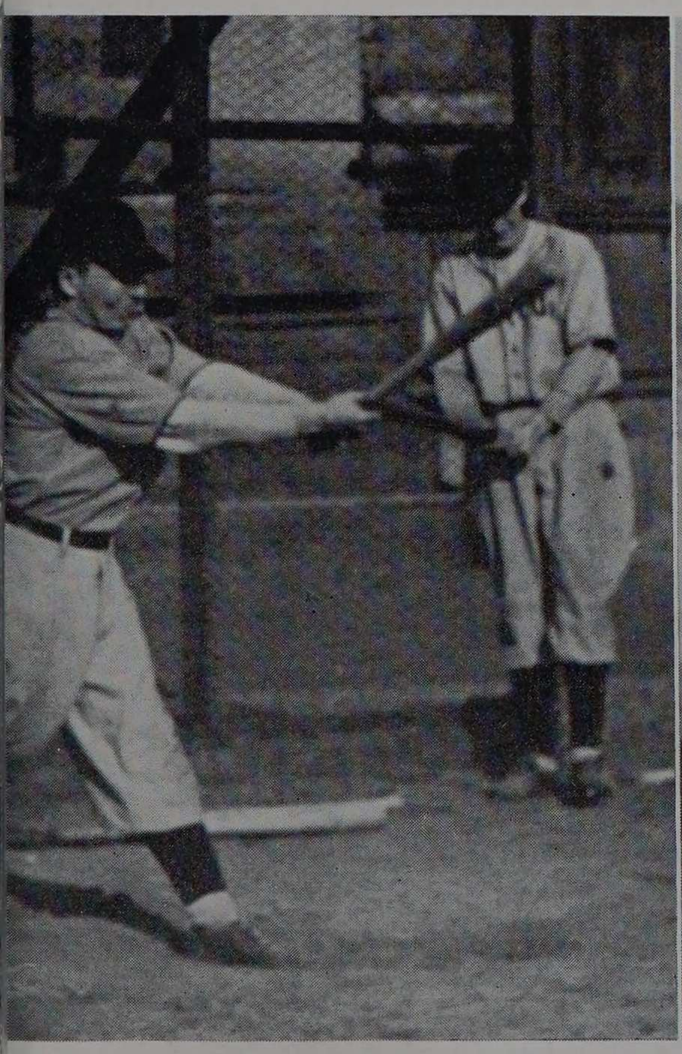
Kruse

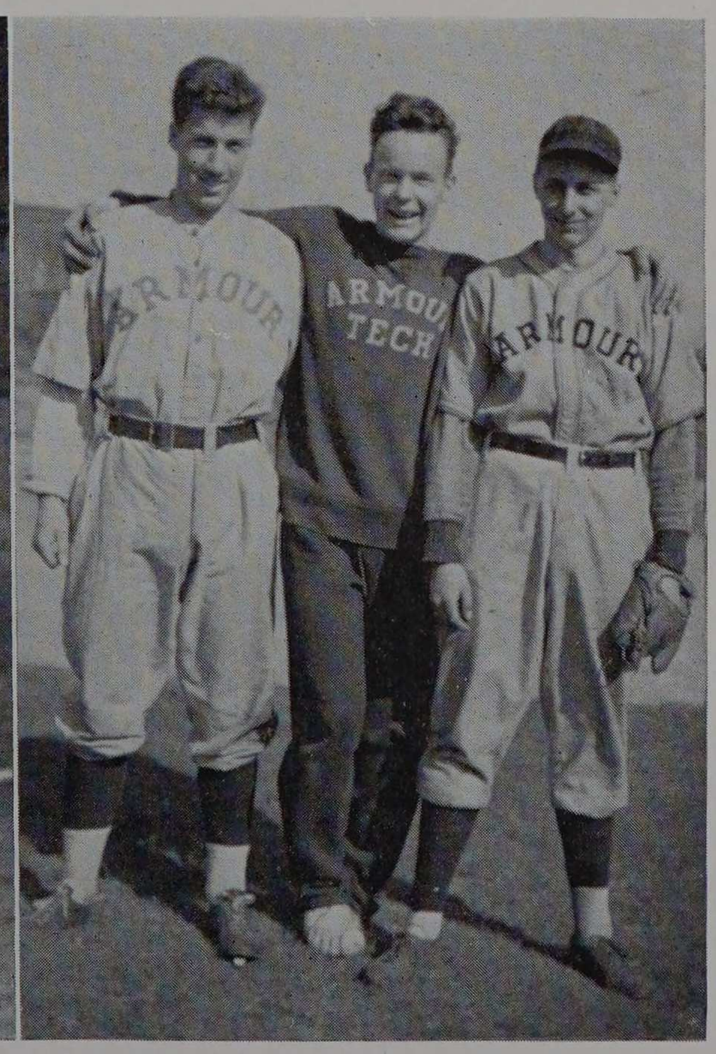
Captain



Gruca

Manager

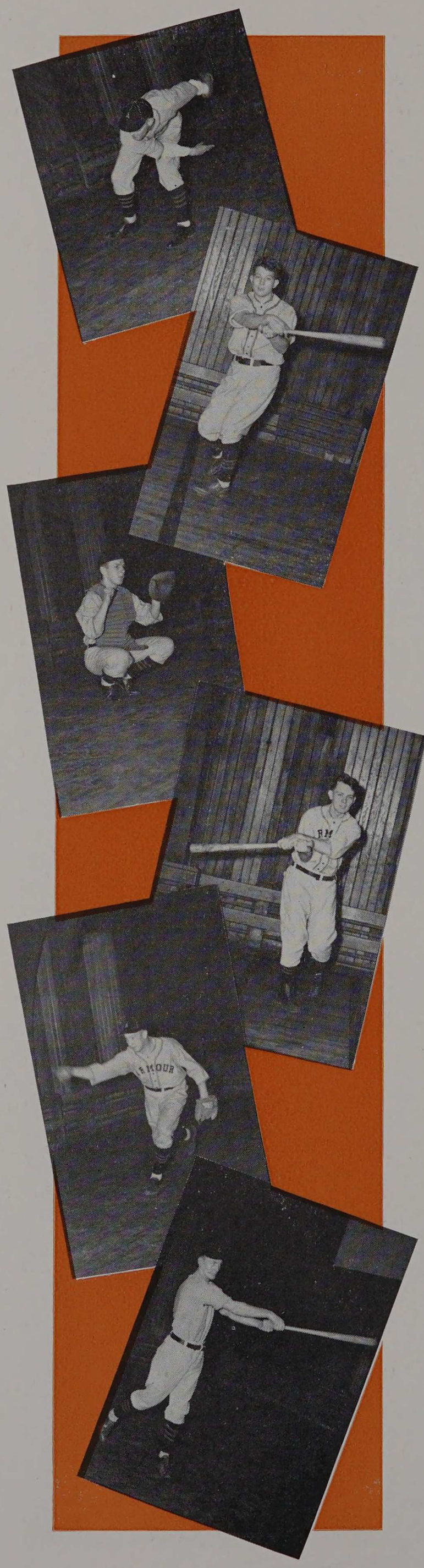






Stenger

Coach

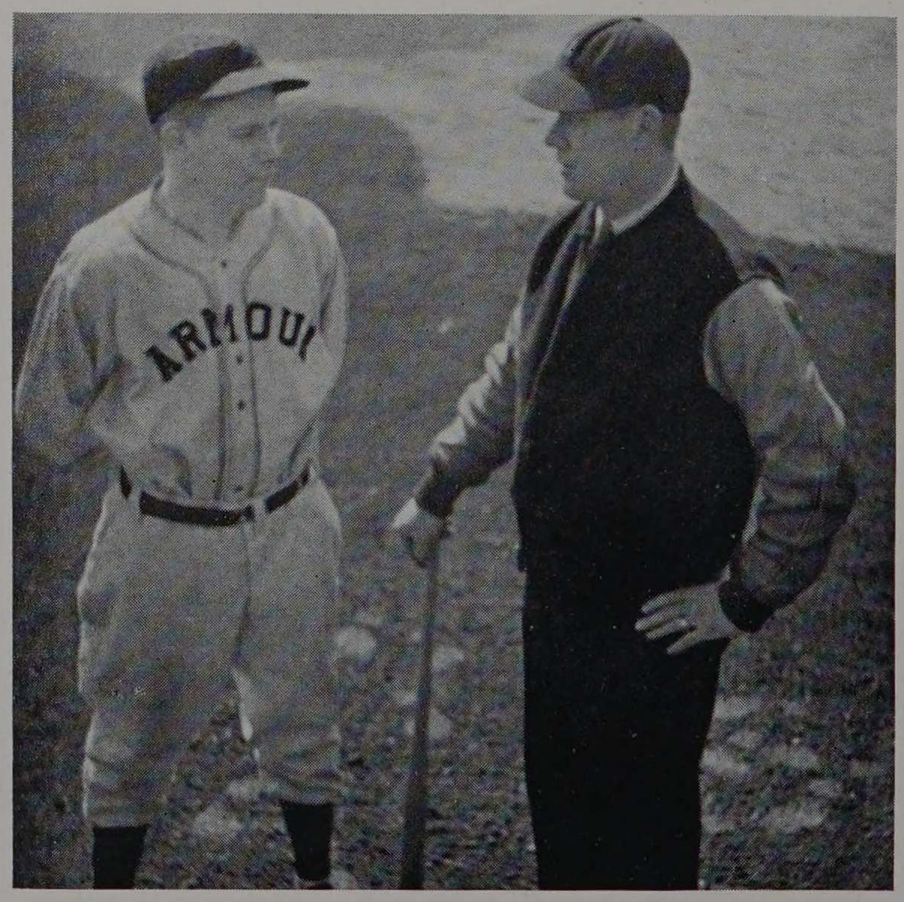


It may be noted that the Techmen did as well on the home diamond as on the road. The records show that three victories were tallied on Ogden Field, whereas the remaining three were gathered while traveling.

Another game was added to the Armour win column of Friday, May 19, when the team downed Augustana for their second win over the Rock Island school. Alex Yursis hurled a four hit shutout while his team mates banged out fourteen hits to support his excellent pitching. Jim Thodos led the assault, garnering three hits in as many trips to the plate.

Shut out pride turned into deep resentment as the team was forced to forfeit their game with the previously defeated Elmhurst squad. The score went on the books as a 9-0 shellacking, equalling the high score set in the Lake Forest 9-1 defeat earlier in the year.

A trip to DeKalb for a return engagement with the Teachers set the stage for the feature game of the season. Willie Kruse pitched for the Tech nine and walked off the mound with a 5-4 victory as the result of a remarkable clouting barrage by the Armour players. First baseman Marv Carrier led the onslaught with four



Captain Leonard and Coach Stenger on Ogden Field.



Second Row: Bauch, James, Mueller, Krause, Carrier, Holle. *First Row:* Mankus, Achinakian, Grosse, Bay, Yursis, Coach Stenger.

solid smashes, one of them being a home-run. Leonard and Bauch also belted homers and Kruse contributed two singles to his own cause.

The DeKalb win provided the incentive for the Techawks to avenge the previous whipping by Lake Forest. With Kruse pitching another standout game, the Foresters bowed to the tune of 6-4. Michigan State's Spartans, however, invaded Ogden Field the same week and put a finale to Armour's season by scoring a 5-2 triumph.

Alex Yursis was on the mound in the final game as Berndt Lyckberg and Captain Willie Kruse performed their last chores upon the Armour diamond. With the graduation of Kruse the team and school lost an outstanding three-year pitcher and hitter.

In the 1940 season a complete team of lettermen returned to competition and Coach Grant Stenger was assured of a fine season with "Red" James and Al Yursis carrying the pitching load. Frank Leonard was elected captain for the '40 season. His fire and spirit have been leading factors in the success of the present Armour nine.

TRACK







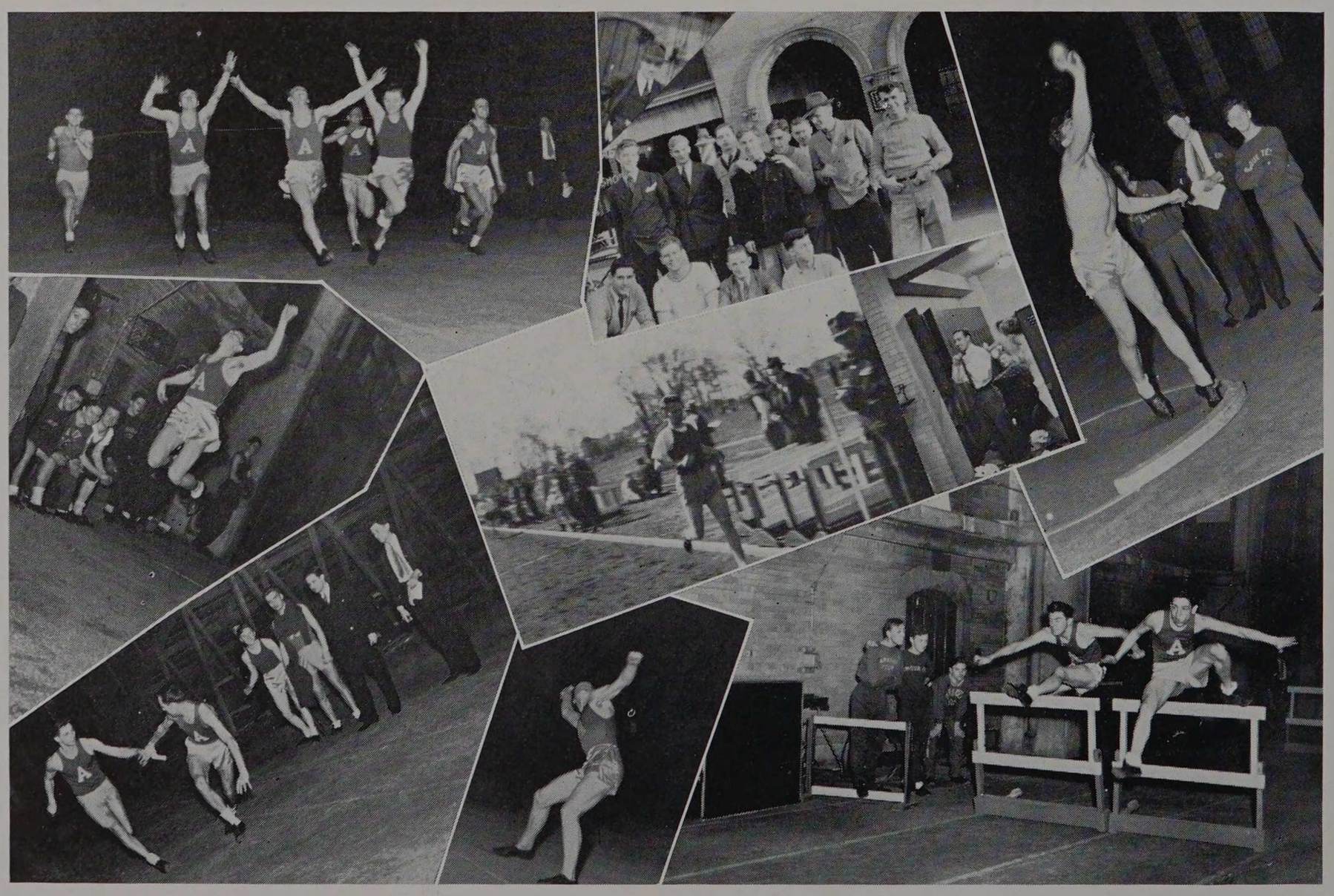
Cerovski
Co-Captain

Clark
Co-Captain

Erisman
Manager

The indoor track season was opened at Naperville when Armour Tech met North Central, and a powerful Cardinal team conquered the Techawks, 62-29. Co-captain Cerovski took the Armour team honors with a victory in the 60 yard dash and second places in the 440 and 880. Burman won the shot put while Mongean was an easy first in the high jump. Much can be attributed to the fact that our team lost many of its high point winners of last season through graduation.

The meet with North Central was an omen of bad fortune in the treatment the Techawks were to receive from Loyola. Predictions came true when the Loyola squad led by Lenover decisively defeated Armour. Loyola had full control of the running events, and the Tech trackmen were greatly handicapped by the loss of Cerovski, who pulled a muscle





Second Row: Huebner, Ass't Mgr., Burman, Mongean, Keigher, Precos, Heidenreich, Clarke, G. Matthews, Erisman, Mgr. *First Row:* Coach Root, Ryant, Barry, Bujan, Clark, Co-Capt., Cerovski, Co-Capt., Redmond, Jackowski, W. Matthews.

shortly before the meet. In the field events the tables were turned, but not even firsts for Armour in the pole vault, high jump, and shot put could garner enough points for the Rootmen. Loyola won, 66-28.

The next meet was the third consecutive loss for Armour's track team as Wilson Jr. College won, 59-39. Mongean was high point man with first in the high jump, second in the shot put, and a tie for third in the pole vault. Cerovski was able to come back to win the 880, and Burman took shot put honors for the third straight time.

The team found itself in the meet with Elmhurst and the Techawks stepped out to win their first duel, 59-36. Cerovski led the team with firsts in the 440 and the 880. Jackowski took first in the mile and third in the two mile, while Barry won the low hurdles and finished third in the highs. Burman broke the meet record to win the shot put, Elwood won the pole vault, and Mongean tied for first in the high jump and third in the pole vault and shot put. Armour completely swept both the 440 yard dash and the pole vault.

After suffering three defeats, the team showed signs of promise that, if development followed as well in the next few meets as it did in the Elmhurst meet, the Techawks could turn in as good a season as the team of '39, if not better.



Norman R. Root
Coach

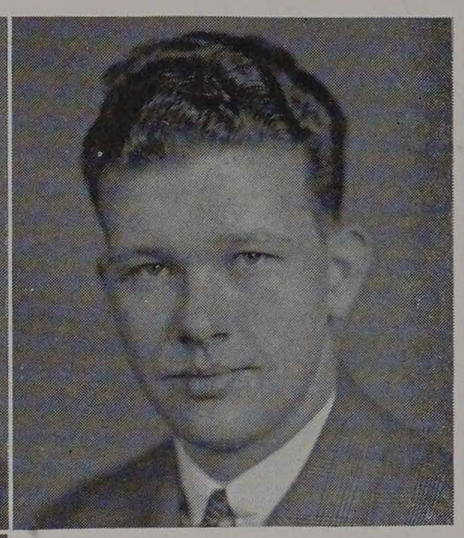
INDOOR



TRACK



Finnegan
Co-Captain



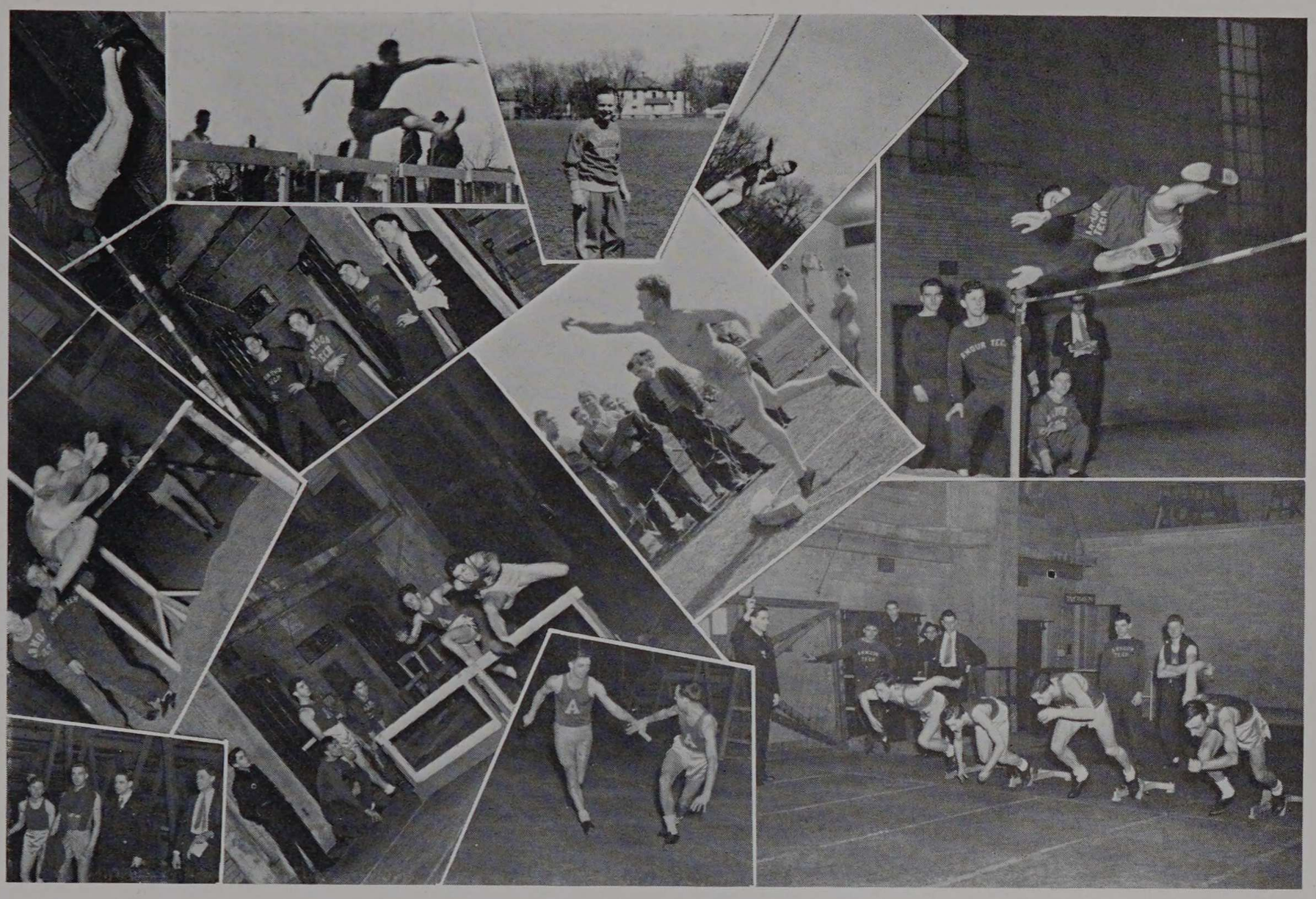
Vandekieft
Co-Captain



Ratto
Manager

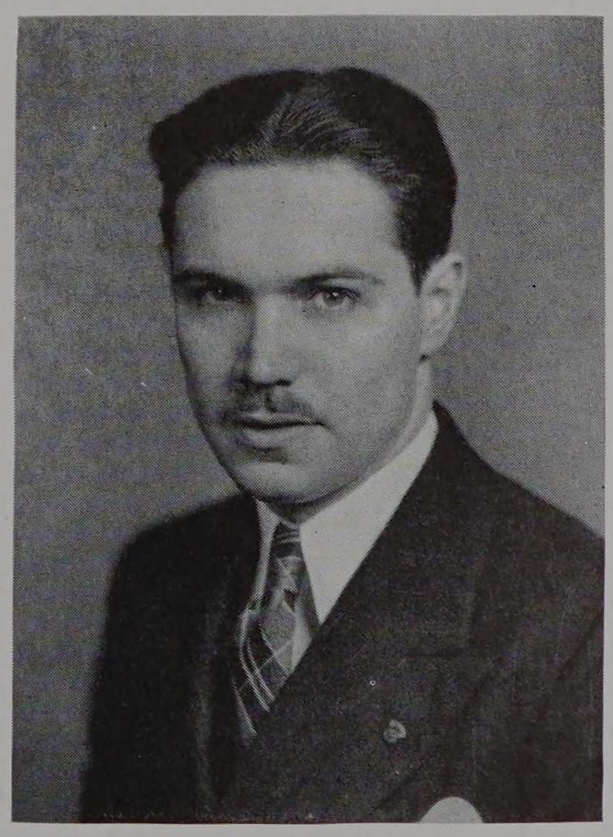
The Armour Tech track team started the outdoor season in winning form as it defeated Wheaton and Elmhurst in a triangular meet. Armour totaled 70⅙ points as compared to 50 points for Wheaton and 34⅝ for Elmhurst. Co-Captain Vandekieft was high point man as he took firsts in the shot put and discus and a second in the high jump. Cerovski breasted the tape first in the 100 yard dash and the 220 yard dash. Clark won the javelin throw and came in second in the broad jump, while Fisher won the 880 yard run. In the 110 yard high hurdles Rothenberg took first, and Elwood cleared the bar to win the pole vault.





The Techawks avenged their defeat of the previous season as they whipped Illinois Wesleyan 76 to 55. Clark and Fisher were the leaders of the team in points as they each won two events, Clark getting firsts in the broad jump and the javelin throw, and Fisher coming in first in the mile and 880.

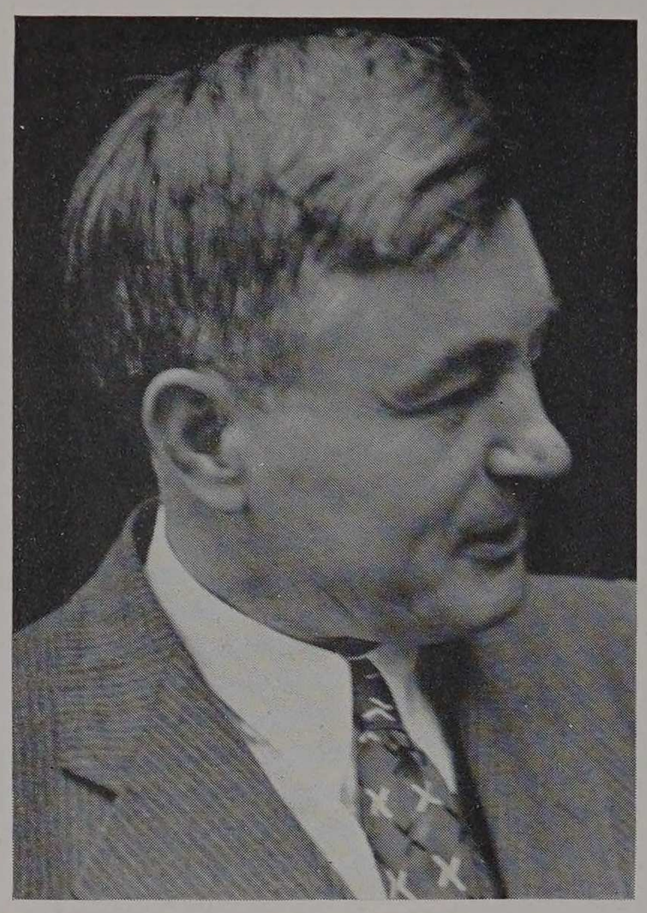
Coach Norm Root's trackmen next went down to Peoria to hand Bradley Tech their second defeat in as many years as the A. I. T. men won, 67-59. Rothenberg paced the team to victory as he took four places, while the Techawks swept the broad jump with Clark, Miller, and Rothenberg. Armour's supremacy in the pole vault was shown when Dixon tied for first, and Elwood and Heidenreich tied for third. After the string of victories, Armour met its first defeat when Loyola nosed out the Techawks, 67⅓ to 58⅓. Vandekieft was high point man again as he won the discus and shot put, and took third in the high jump. Clark won the javelin throw and broad jump, while Rothenberg took three places in the track events.



Norman Root, *Coach*

OUTDOOR





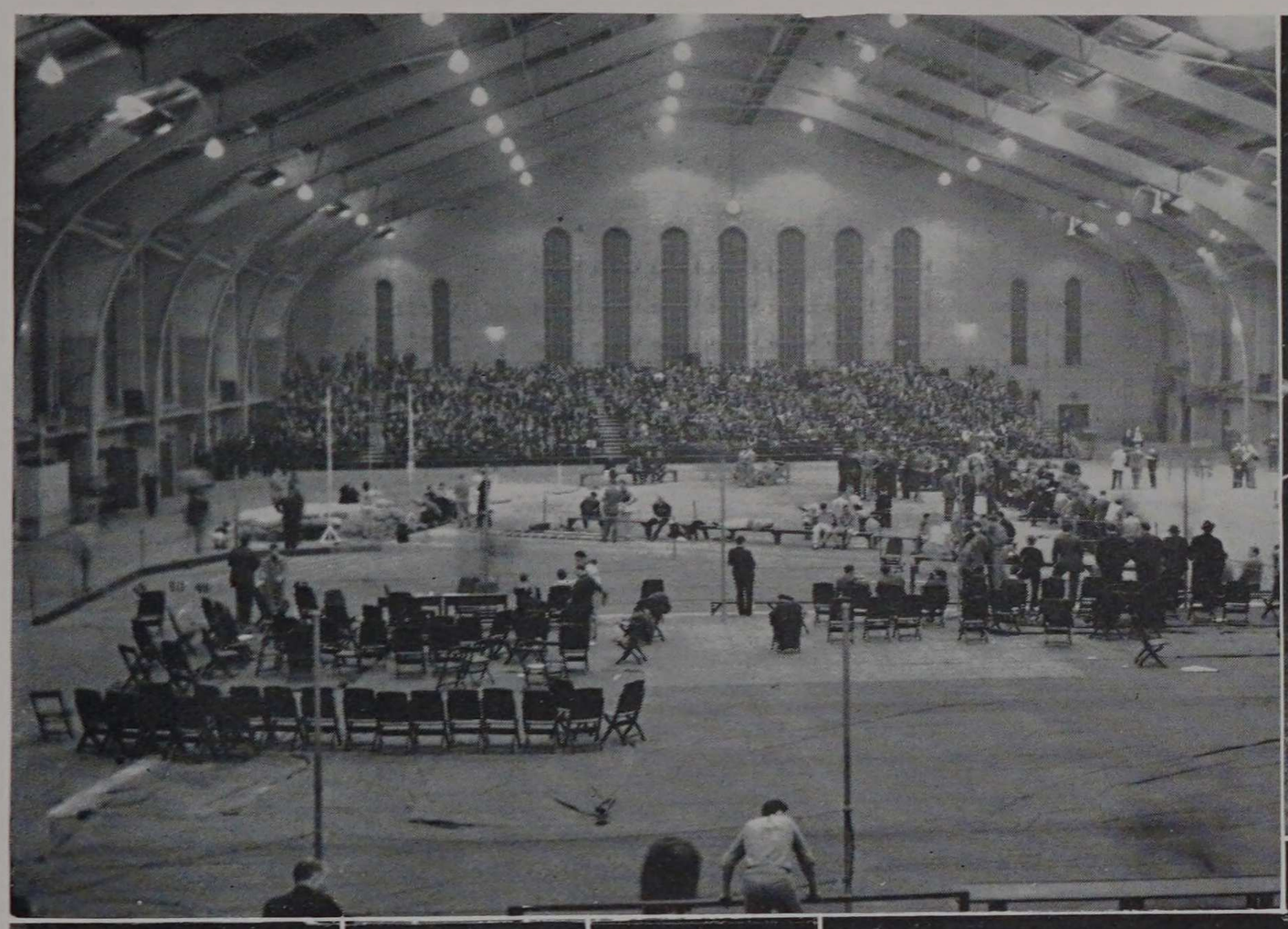
John J. Schommer

The success of the 1940 Armour Tech Relays is largely attributable to the personality of the individual behind them, John Schommer. His is the responsibility of contacting the many participants and arranging for the innumerable details necessary for the staging of the games. The enthusiastic response of the colleges and universities throughout the middle west is indicative of the increasing popularity of this track season highlight. The keen spirit of competition displayed by teams and individuals in vying for cups and badges, symbols of achievement, is the spirit of the man who conceived and inspires the continuance of our own Tech Relays.

1940 PARTICIPANTS

Armour Tech
Beloit College
Bradley Tech
Central State Teachers (Mich.)
Chicago Teachers College
Coe College
Cornell College
Culver-Stockton
Dubuque College
Elmhurst College
Grinnell College
Heidelberg College
Illinois State Normal
Iowa State University
Kansas State Teachers (Pitts.)
Kansas State University
LaGrange Junior College
Lawrence College
Loyola University
Marquette University

















1940 PARTICIPANTS

Michigan Normal College
Michigan State University
Milwaukee State Teachers
Monmouth College
Morton Junior College
North Central College
Northern Illinois State Teachers
Northwestern University
Ripon College
St. Joseph's (Ind.)
University of Chicago
University of Illinois
University of Nebraska
University of Wisconsin
Western Illinois State Teachers
Western State Teachers (Mich.)
Wheaton College
Wilson Junior College
Wright Junior College
Yankton College

The evening of March 18 was truly a night for champions at the twelfth running of the Armour Tech Relay games at the University of Chicago Field House. An overflow audience saw three records smashed and a fourth tied as six hundred athletes from thirty-two colleges and eight universities competed for Armour medals and trophies.

Hardly had the evening's activities begun when Michigan Normal's crack relay team won the college two mile relay in the meet record breaking time of 8:05.3. All attention was next focused on the university 70 yard dash, where Gene Littler of the University of Nebraska equaled the meet record of 7.1 seconds.

The university two mile relay was won by Marquette in 7:52.4, clipping eight-tenths of a second off of the old record set by Michigan State in 1933. To complete the record breaking for the evening, Chuck Fenske added another record to his fast growing collection when he broke all existing marks in a featured three-quarter mile race. The famous middle distance runner trimmed 3.7 seconds off of the world's indoor mark of 3:03.4 established by Lloyd Hahn in 1925.

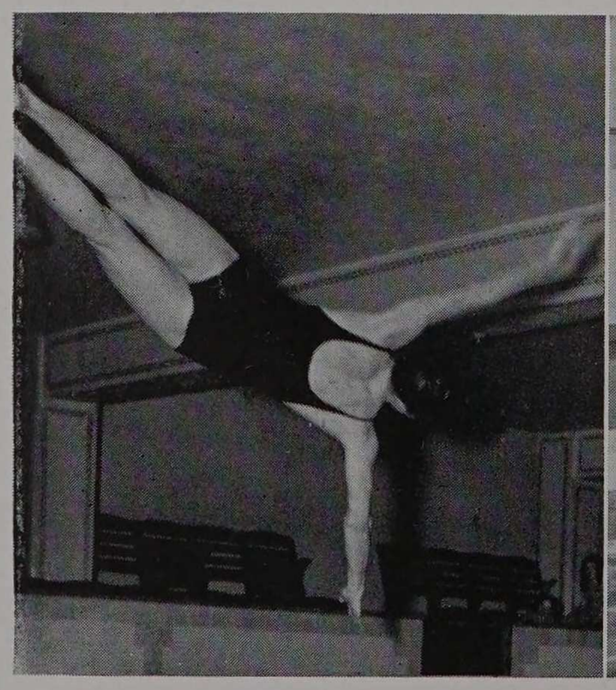
Team honors went to Michigan State Normal who paced the college division with 62⅝ points to retain the college trophy for the second time in two years. Kansas State Teachers and Loyola of Chicago took second and third place honors, respectively. Although there were no trophies awarded for team performance in the university division, Marquette was high scorer with Illinois and Wisconsin close behind.

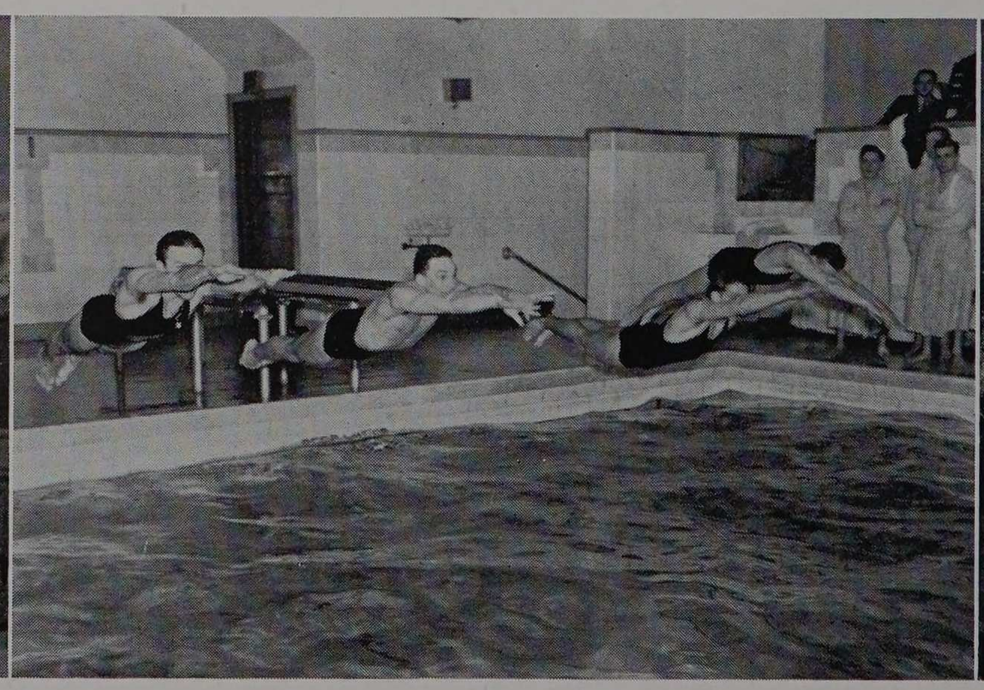
TECH RELAYS

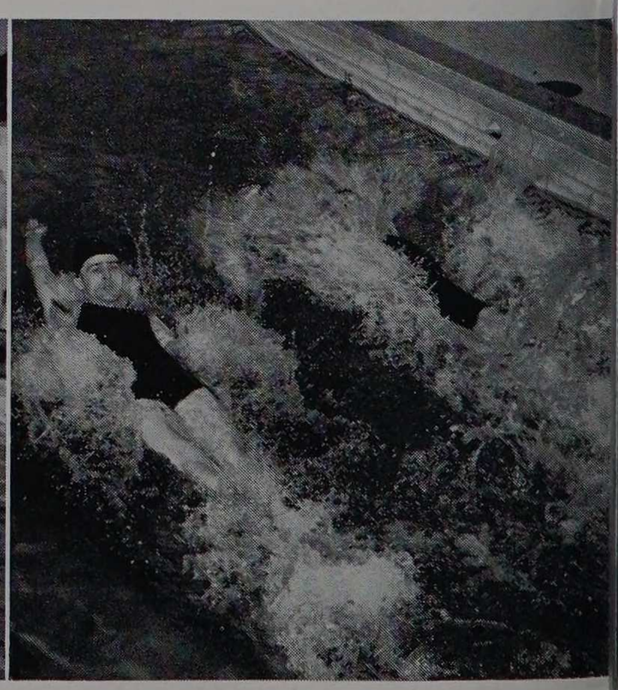
SWIMMING



Second Row: DeMoney, Mgr., Pearson, Blume, Koos, Powers, Huxhold, Dodge, Mankus. *First Row:* Hutchings, Co-Capt., Anderson, Co-Capt., Stowell, Rademacher.







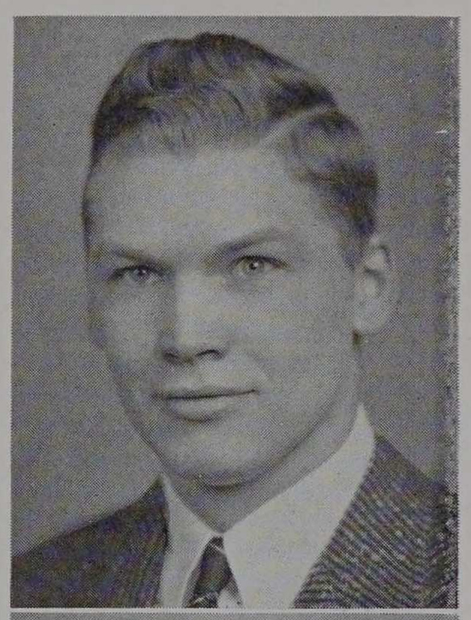


Matching strokes with such schools as the University of Kentucky, Loyola, DePauw, Beloit, and North Central, the 1939-1940 Tech mermen turned in a brilliant seven win, three loss season. Many a splash has been raised in Bartlett pool on the U. of C. campus since such a positive record has been made.

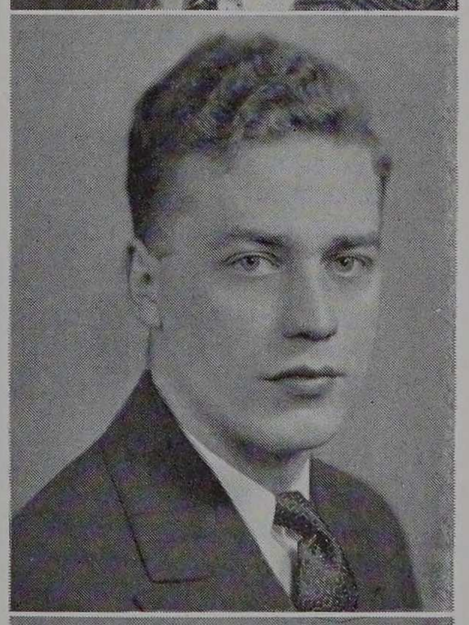
At home in the final meet of the season the McGillivraymen reached their peak as they trounced DePauw by a 39 to 27 score, for the first Armour win of the Tech-Hoosier feud. Other impressive wins included double victories over Beloit and North Central; and single gains over Chicago Teachers College and George Williams. The team lost only to Loyola, DePauw, and the University of Kentucky.

Much of the team's success was due to Pearson, frosh free styler, and the breaststroke department headed by Koos, Svagdis, and Co-Captain Hutchings. Koos went undefeated in the 100 yard breast stroke. Backstrokers Huxhold and Captain-elect Blume made the squad a well balanced contingent.

Dodge, the "old Faithful" of Armour's past and present, splashed into rough water more than once in his specialty, the 220 yard free style, against Beloit and DePauw. The medley team of Huxhold, Svagdis, and Co-Captain Anderson was consistent in its triumphs. As many of the meets were won by virtue of a Sprint relay win, the "Four Seahorsemen," Rademacher, Mankus, Pearson, and Anderson, played an extremely important part in this season's great success.



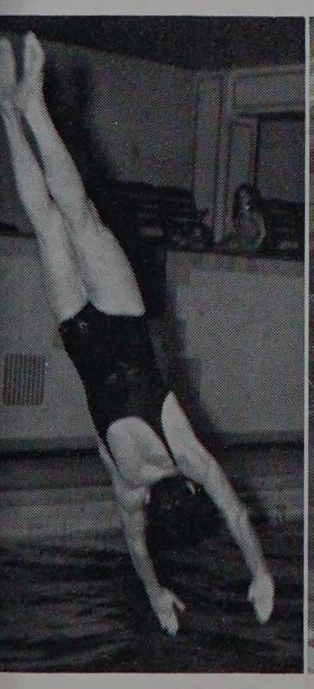
Anderson
Co-Captain

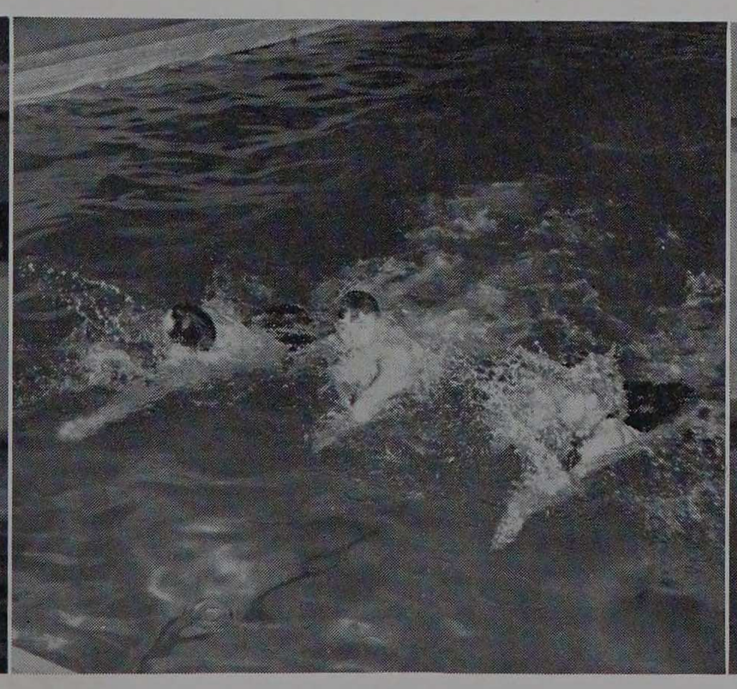


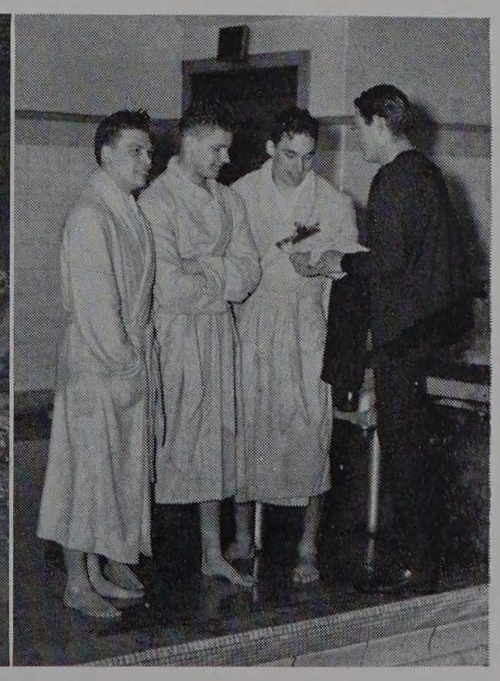
Hutchings
Co-Captain

DeMoney
Manager

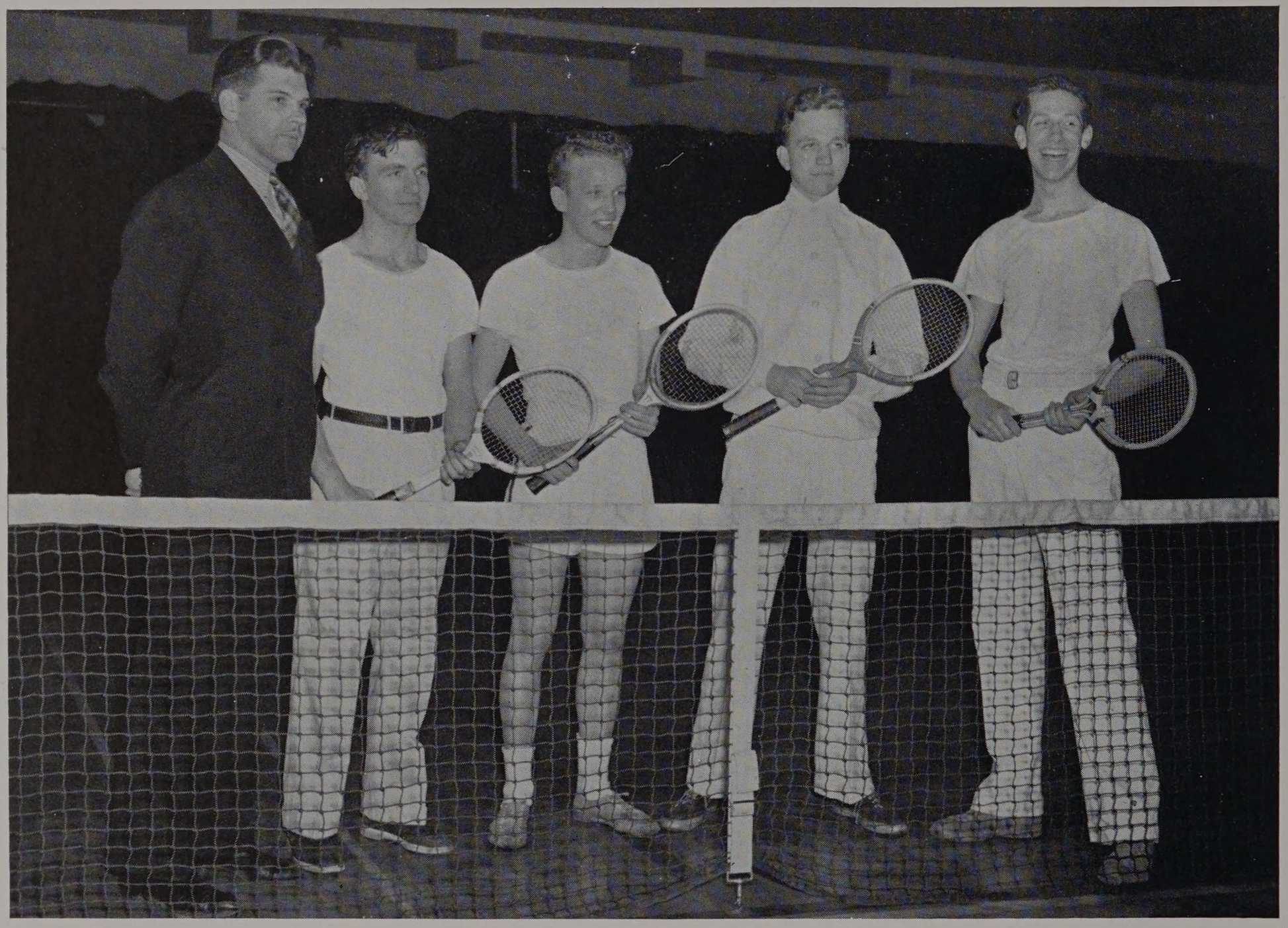




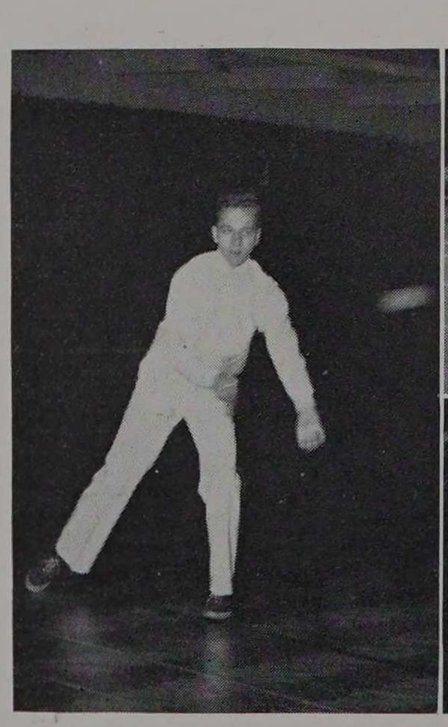


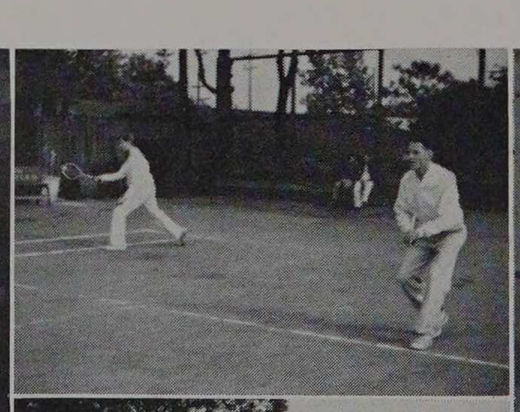


TENNIS

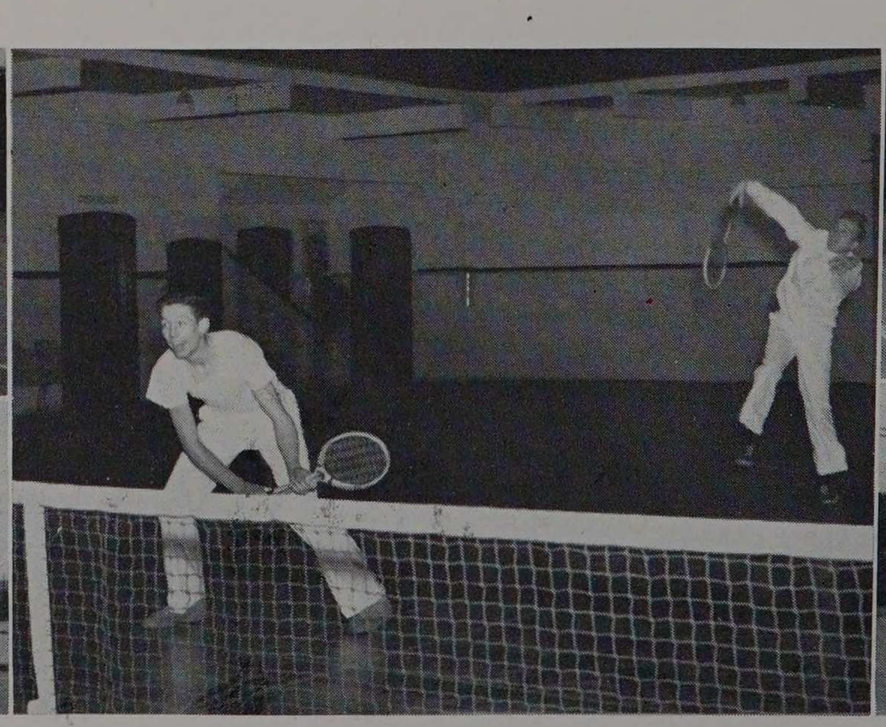


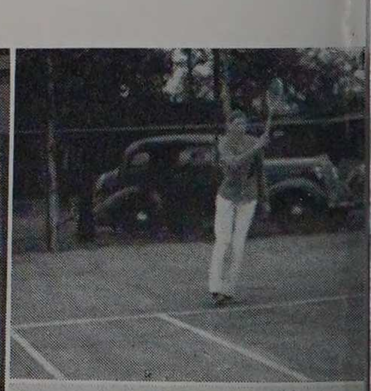
Balsewick, Mgr., Wagner, Capt., Dunworth, Natinchek, Lange.

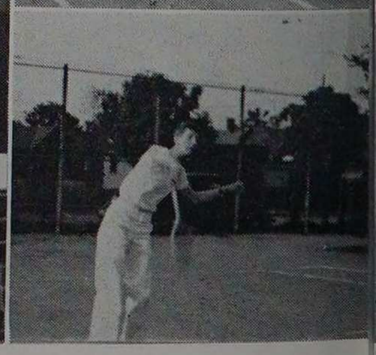


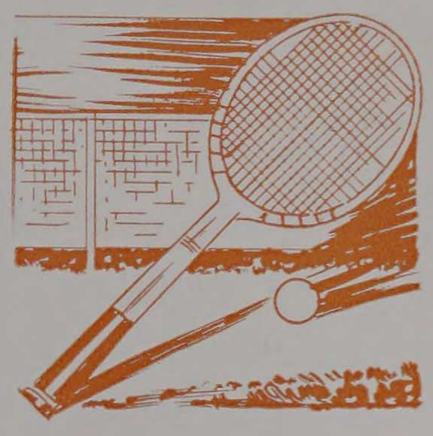












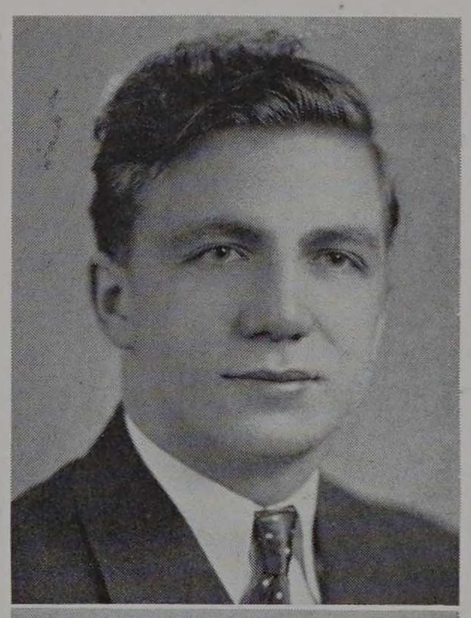
Facing a very rigid schedule, the 1939 tennis team managed to come out on top with a seasonal record of six wins, four losses, and a tie. This included wins over Chicago Teachers, Indiana State Teachers, George Williams, Wheaton, and North Central; while three of the five losses were by single matches only, and these to Butler University, the University of Chicago "B" team, and Loyola University.

Ed Swanson, Melbourne Biddle, and Bob Lange each scored seven victories while losing only five. Captain Nick Natinchek dropped his first five matches by close margins, and then evened up his season's record by winning the last six matches in great style. Ralph Wagner finished the season with three wins and six losses.

Swanson and Natinchek proved to be the top doubles combination, taking six matches while dropping only one throughout the entire season. The other doubles team of Swanson and Lange did not fair quite as well, for they showed up with a one and three record at the end of the spring campaign.

The 1940 season found Swanson and Biddle the only members of the team lost through graduation, all other men returning. Competition was keen for these two open positions, and all indications pointed to a good 1940 season.

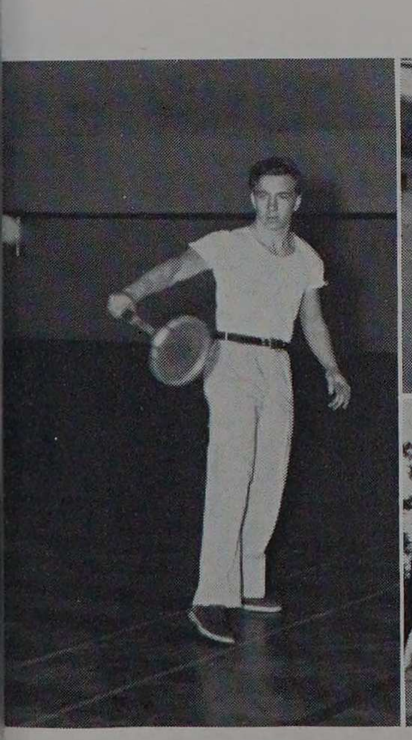
Manager John Balsewick arranged a schedule for this spring which included an opening tilt with the University of Chicago "B" team on the Midway courts. Meets followed with Chicago Teachers and DeKalb. During Junior Week the netmen donned their seven league boots for a trip to Purdue, Indiana State Teachers, and Butler University.



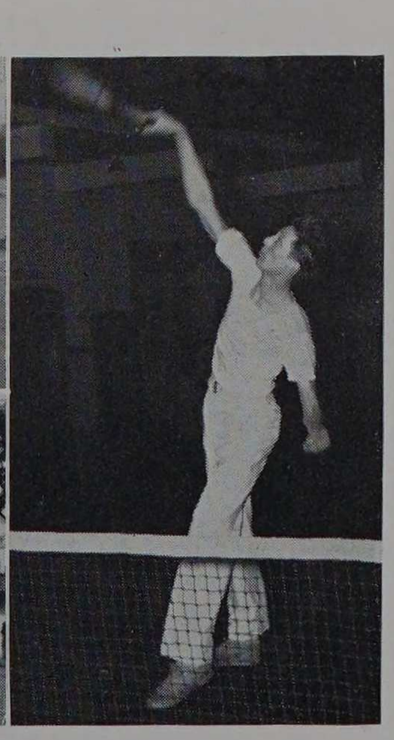
Wagner
Captain

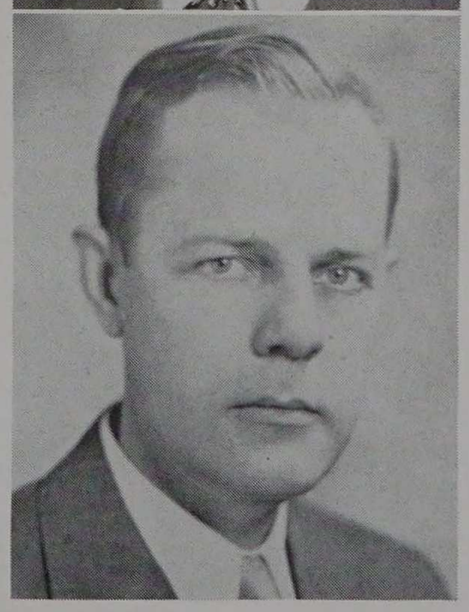


Balsewick
Manager







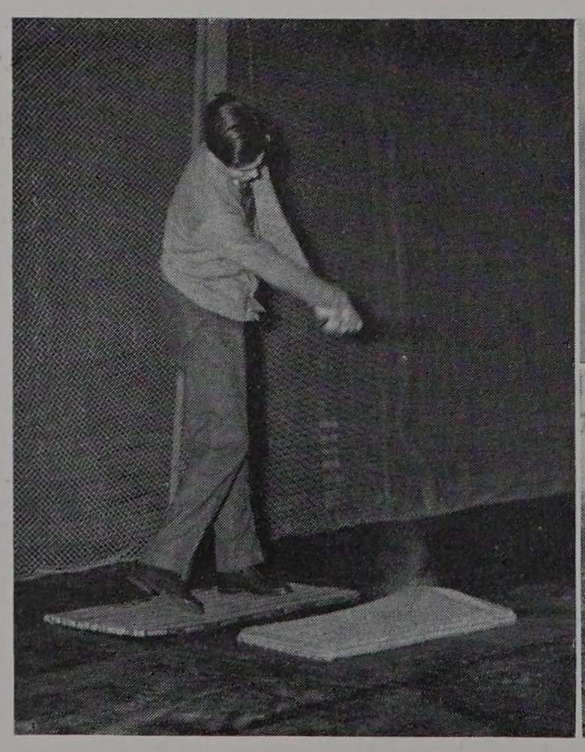


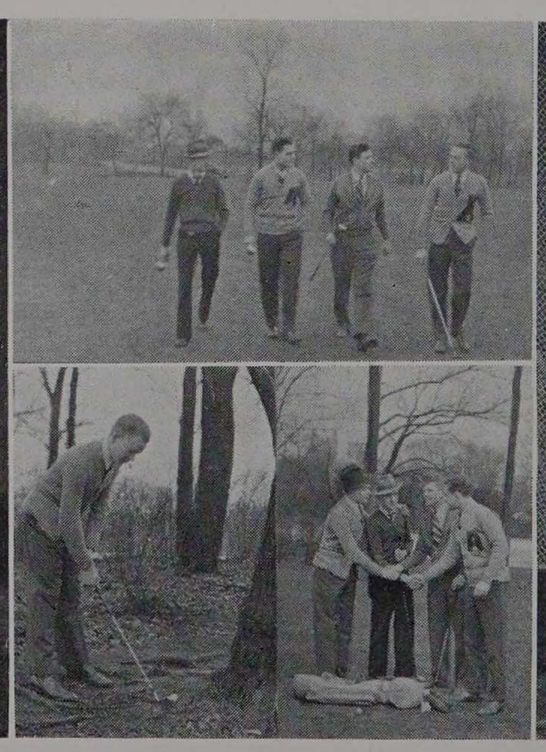
Colvert
Coach

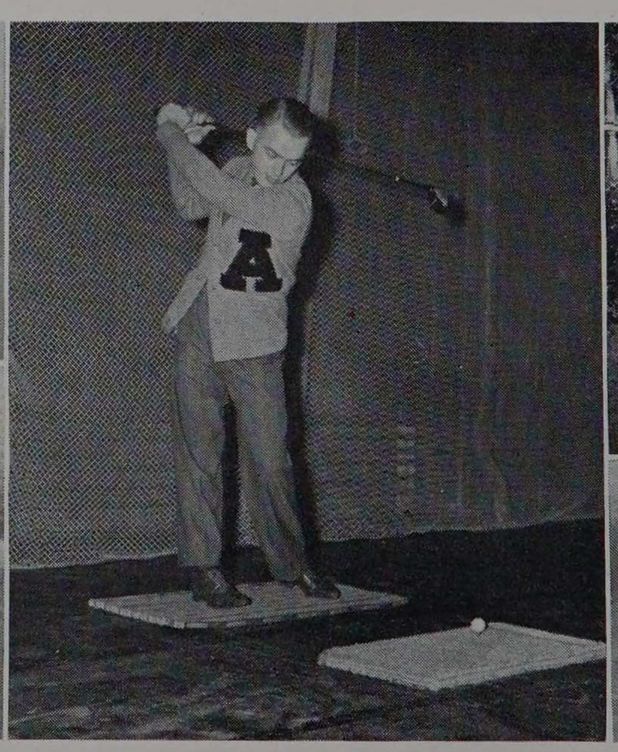
GOLF



Coach Bibb, Fox, Sieg, Sunde, Capt., Taylor, Buerckholtz, Bredlau, Schmal, Korrell, Mackey, Mgr.











This year's golf team shows promise as the best in recent years. Coach Sammy Bibb's cares are lightened considerably with the return of six lettermen. All of these golfers are capable of shooting in the low seventies.

Although primarily built around two co-operative students, Melvin Korrell and Ralph Schmal, who carded consistently in the low seventies last season, the team will have Donald Sunde, John Fox, Albert Bredlau, and Harry Sieg, other returning lettermen, as its mainstays. Two sophomores, Richard Taylor and Paul Buerckholtz, who showed great promise in the annual fall golf tourney, are also on the team roster.

The golf team, divided into an A and a B group, has meets scheduled for each of the squads. Manager Don Mackey has drawn up an unusually stiff schedule, which includes several trips. On the Bibbmen's docket are journeys to Bradley Tech and Wabash College. During Junior Week the golfers invade Michigan for matches with Wayne University, Western State Teachers, and Calvin. Return meets with Bradley and Wayne; and a pair of matches with DeKalb finish this season's schedule.

The 1939 golf team, although not faring so well in its tough schedule, gained the necessary experience which it is hoped will carry its members to a successful 1940 season. The divoteers dropped successive meets to Wabash, Beloit, the Alumni, and Indiana State Teachers. However, with every meet, the team showed considerable progress, and finally came into its own downstate, where wins were scored over Bradley Tech and DeKalb.

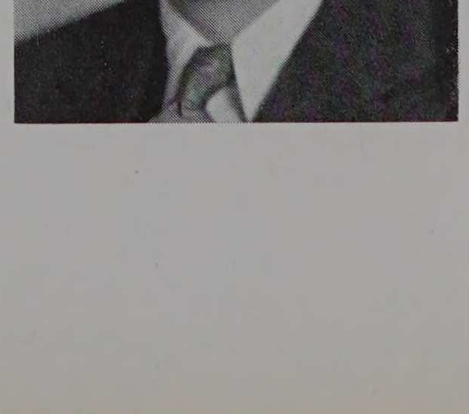




Sunde
Captain



Mackey
Manager



Bibb
Coach

INTERFRATERNITY



No sooner had the freshmen checked in their chemistry lockers than the fall program of intramural, interclass, and inter-fraternity athletics was put into full swing.

Vying with the City Series for recognition in the baseball world was Armour's "Little Series," the annual interclass hardball classic. The juniors were out to repeat their last year victory. And so they did, for, after eliminating the ailing seniors, they whipped the frosh in a 3-1 six inning thriller. The men of '42 surrendered to the runner-up frosh in the first bracket.

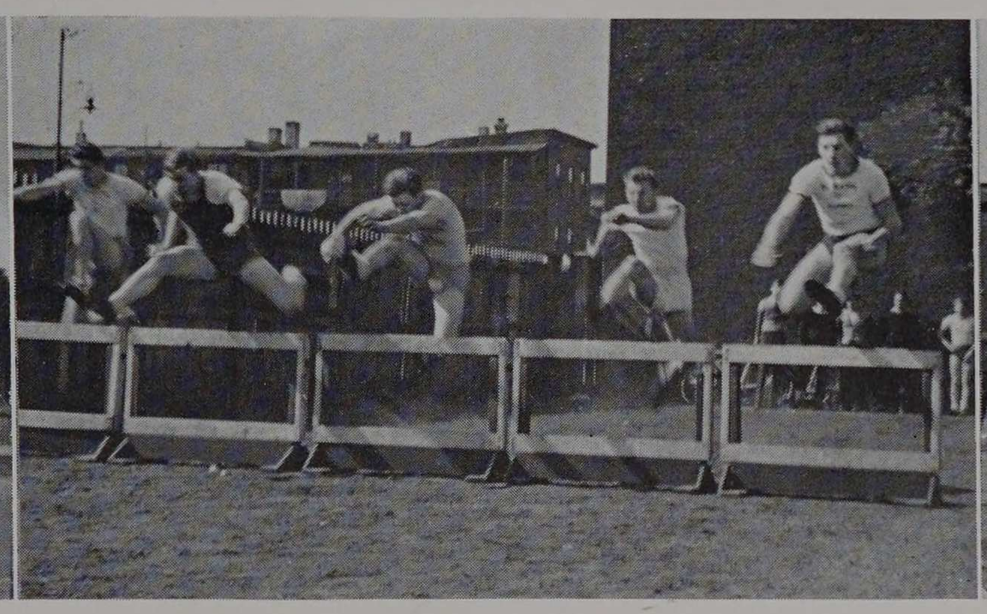
When part of the late summer heat had abated from the spaciousness of Ogden field, the engineers laid aside their slide rules and picked up the pig skin instead of B. O. Pierce. Touchball weather had arrived, and soon the dust-laden air above Ogden was filled with spiralling footballs and the voices of a thousand engineers. After two months of gruelling play, the junior mechs, paced by Knorring and Erickson, were declared the winners of the interdepartment touchball tourney with a record of seven wins and one defeat.

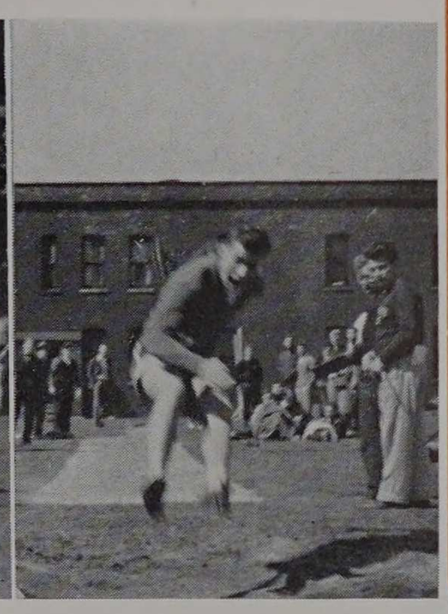
Where the department boys had left off in the "touchball" field, the fraternity men began their tourney. In the Greekmen's title game, severe blocking and general hard playing marked the Phi Kaps 7-6 defeat of the Delts.

From Ogden Field to the 5th floor "cheese box" tramped Armour's unsung but courageous athletes as the interclass basketball tournament was started. While chill winds were piling the snow deep around Machinery Hall, the frosh were piling up the points against their unlucky opponents as they gave the seniors a 24-19 beating for the coveted interclass

THE INTRAMU







crown. In the same room Alpha Sig missed its 21st basketball crown by two points as it fell before a determined Phi Kap five in an 18-16 overtime battle. This was the second interfraternity crown for the men from Skull house.

During the long winter months intramural manager Opila kept the athletic ball rolling with a bowling and a ping pong tournament. Intermingled in this was an interclass track meet, and a boxing and wrestling tournament. The track meet saw ten juniors gather enough points to win the second trophy for the class of 1941. High point man of the meet was Heidenreich, who ran, jumped, and vaulted his way to 14½ points of the winner's 39½ points.





RAL ACTIVITIES



In Sonny Weissman's emporium on the 5th floor some fifty brawny Techawks matched fists and arm locks in a series of bouts. From this melee of fighters five boxers and five wrestlers punched and grunted their way to intramural championships in weight classes.

"Strike!" That was the cry on the bowling alleys as fifty-five men rolled ball after ball at the winsome ten-pins. The team of Hauswald, Lake, Olsen, and Blevins, however, were the bowlers who often had this shout ring in their ears as they won the intramural bowling championship. High pin man of the tourney was Pollak. The Phi Kaps continued their sweep of interfraternity athletics by also taking the bowling trophy.

INTERCLASS



THE INTRAMU

INTERDEPARTMENT

On the green and white tables in 2E in the Union, the senior chemicals defeated the senior fire protects to become the first interdepartment ping pong champions. On similar tables on Michigan avenue Pi Kappa Phi took the interfraternity championship.

With the completion of this tourney, a full spring program of horseshoes, softball, tennis, golf, and swimming was put into effect. Last spring the present senior mechs slugged their way to the softball crown, the frosh sunk the sophs for the interclass swimming championship, and Phi Pi won the interfraternity swim.

This year has seen greater opportunities for the average Armour student to enter into some form of athletic competition. Keeping pace with the collegiate trend for increased intramural activities, Armour has added ping pong and horseshoes to the already long roster of intramural sports. And now archery and fencing are showing signs of revival as additional fields for the Armour college man to find athletic activity to suit his particular desires.

The position of intramural manager has become an increasingly important one, with the greatly broadened scope of activities. Manager Opila did a nice job of running off the various functions and scheduling the numerous tilts. The trend now is to give the manager the direct job of purchasing all equipment and awards so that the program of intramural sports and recreation may assume the active role in student affairs that is rightly its own.



RAL ACTIVITIES

LIFE



Junior





Week

When gentle breezes blow in the smell of late Spring, and budding young engineers can no longer concentrate on those math problems, or get those drawing plates finished, it's a sure sign that Junior Week is just around the corner. Junior Week, 1939 version, was no exception.

This thirty-fifth annual classic got off to its usual gay start with Vic Svagdis copping the Pentathlon Tuesday afternoon. Wednesday afternoon and evening made school history as a record-breaking Open House was held for Armour's countless friends. Thousands marveled at the ingenious and elaborate departmental displays. Once again the famed Kiss-O-Meter drew hundreds of the curious.



Junior Week



The annual Open House dance was held for the first time in the new Student Union, resulting in a jammed dance floor, but a swell time.

Baseball history was made Thursday morning when the Junior class "Yankees" overcame a six run lead to whip the Seniors. The hosts then went on to wallop the Sophomores, 8-2, taking the championship. The crushed Seniors went out that afternoon and were slaughtered by the faculty "butchers" who became so-o-o tired hitting homers.

The pie eating contest was handicapped by "culprits" who stole most of the pies, but Bob Jaffee finally "out-ate" all others.

Junior Week

Alec Templeton, famed young English pianist, dropped in on Tech Thursday afternoon to try out the "Color Organ". The musical festivities were continued that evening when the annual Musical Club's Spring Concert was given in the auditorium, combined with the Interfraternity Sing. The huge throng was captivated by the excellent performance of the clubs, and by the various fraternities' renditions of their sacred friendship songs. The Phi Kappa Sigma house won the Sing. A dance completed the evening.

Friday saw the Phi Pi's again take the interfraternity track cup. The obstacle races and interclass marbles were ruled out because of lack of competitors. . . . Very strange for Techhawks.



Junior Week



The interfraternity and interdepartment skits led off the afternoon activities, with Triangle winning the President's cup with their "Follies of 1939"; and the Junior Mechs topping all other departments with their unchallenged production "Hillbillies in Omskow", featuring Stoopbrain Bliss and his clan, and a group of "Russian" musicians.

Proving once again that experience conquers all, the Sophs upheld tradition, though somewhat suspiciously, when they "won" over the frosh in the Rush. "Mangled" bodies and "soiled" vegetables strewed the battleground afterwards.

A record crowd of over 300 couples filled the beautiful Itasca Country Club Friday evening at the Junior Informal to close the social season. Thus another Junior Week became history.

Junior Week

SOPHOMORE DANCE

The Stevens on the lake . . . the Boulevard Room, festive and gay . . . Augie Knapp an invitation to dance . . . gliding glowing couples . . . suave upperclassmen . . . sophomore sophistication. . . .



THE COMMITTEE

Mays, Koziol, Ellis, Fina, Redmond, Walker





Worcester, Hassell, Doolittle, Mackey, toeLaer

THE COMMITTEE



Dancin' with Anson . . . launching the social season in kaleidoscopic color . . . snow flurries and the Lake Shore . . . soft light, insistent rhythms . . . men of '40 proud and gallant. . . .

SENIOR INFORMAL

The Greeks go out . . . topper and tails
. . . lights subdued . . . the dancers
flow and whirl . . . chic and smart,
the ladies make the party. . . .





Wessels, Charlton, Larson
THE COMMITTEE

INTERFRATERNITY FORMAL

THE JUNIOR FORMAL

THE COMMITTEE

Ratzel, Zoellner, DeMoney, Murray, Shanley, Hartman, Hauswald



The Sherman, Bal Tabarin
. . . music by Kenny Leighton
. . . our hosts, the class of '41 . . .
shimmering graceful gowns, willing
stalwart escorts . . . the Junior Formal. . . .



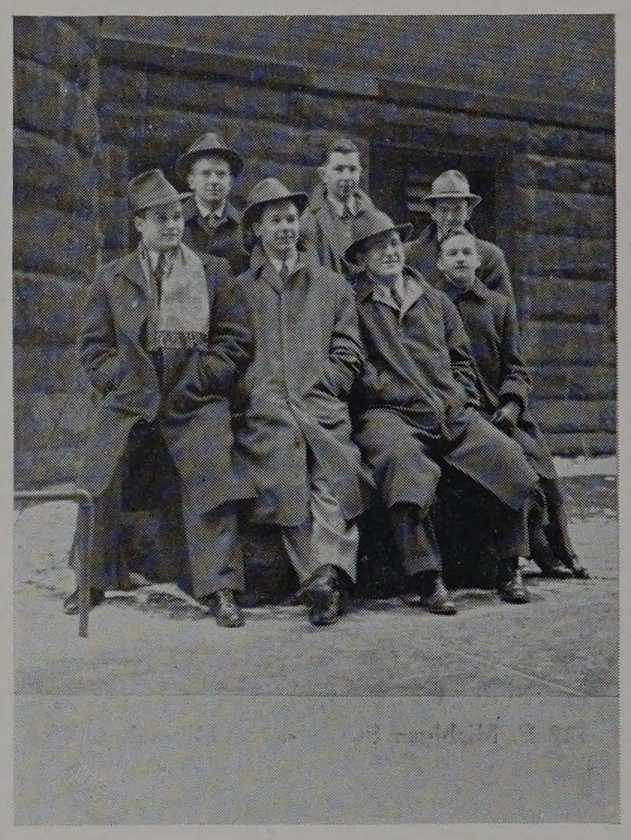
Stowell, Dodge, Pointek, Reinke.

THE ARX DANCE

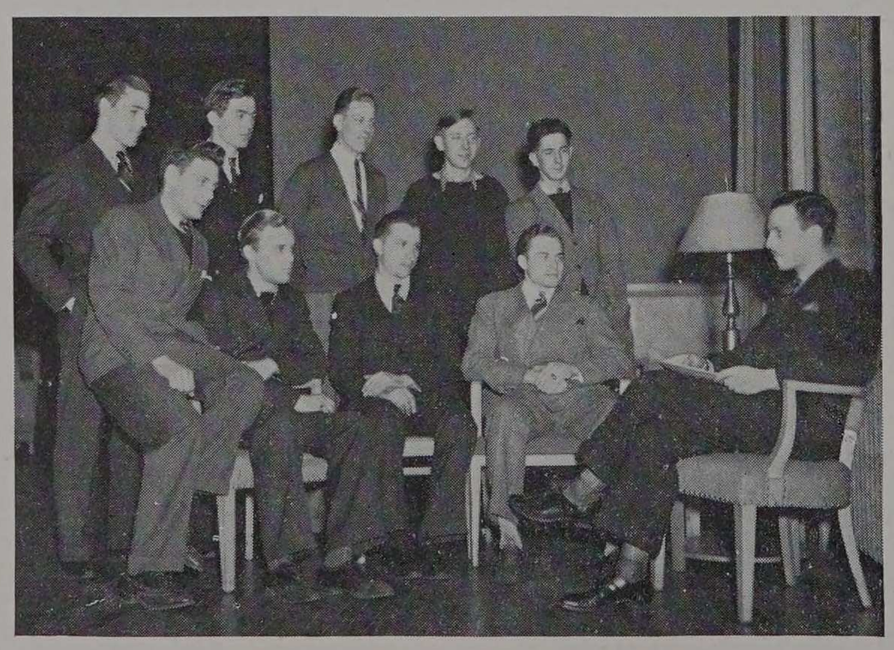
The first dance of the year and a real get-together too, the Arx Dance in truly Arx style on the fashionable North Shore at the sophisticated Shawnee. The usual huge crowd having an unusually good time to tuneful music in swing style on a beautiful autumn night . . . those unforgettable Arx dances.

GREEN CAP INFORMAL

Green's the motif with the Frosh Green Cap Dance in the Knickerbocker. Pierson Thal beating it out as the largest class plays host to a gay spring party of lads and lasses tripping the light fantastic and drinking in the nectar of spring on the Lake while young engineers proudly entertain upperclassmen and smooth, smooth girls.



Cibula, Hawrysh, Getzow, Brazelton, Peterson, Gow, Meinhold.



Second Row: Altenkamp, Vander Ploeg, Ahlstromer, Wittekindt, McHugh. *First Row:* Sogin, Groen, Schellschmidt, Mock, Anthony.

THE CO-OP DANCES

The Co-op social season studded with coming in and going out parties. Gay affairs on campus and off, where swing brings together boy and girl for a spirited session while classroom and shop are forgotten. The hour grows late, but the sweet swing swings on and the going out parties bring the coming in.

greeks

ΑΣΦ
ΤΧ
ΔΤΔ
ΦΚΣ

1850

Phi Kappa Sigma

OFFICERS

First Semester		Second Semester
Jack Clark	*President*	Robert Lange
J. Donald Charlton	*Vice President*	Robert Greenberg
Jack Shanley	*Recording Secretary*	Robert Ettinger
Paul Buerckholtz	*Corresponding Secretary*	Ben Lease
Ronald Smith	*Treasurer*	Ronald Smith

Phi Kappa Sigma was founded at the University of Pennsylvania on October 19, 1850. The parent chapter's constitution provided for "branch societies," but it was not until two and one half years after the founding of the first chapter that a second chapter was established at Princeton University. Soon many chapters had been placed in the South, and the fraternity was expanding rapidly. The occurrence of the Civil War had disastrous effects upon the fraternity, as it almost instantaneously destroyed half the strength of the organization. Anti-fraternity laws were being enforced at many colleges at this time, and this second blow caused the fraternity to fight for its life. The organization was undaunted by these setbacks and continued its enlargement. Any local organization desiring a charter must have existed locally for two years. The chapter roll now lists thirty-nine active chapters, located on prominent college and university campuses.



Anderson
Bittner
Buerckholtz
Bunce, H.
Bunce, J.
Charlton
Christensen

Clark
Davey
Devine
Douglass
Ettinger
Greenberg
Gullborg

Hameister
Havlik
Hawkins
Hull
Lange
Lease, B.
Lease, W.

Mustakas
Olson
Orsi
Rider
Rush
Shanley
Smith

Storey
Taylor
Walinski
Whitehead
Woehrl
Wright



FACULTY

O. Gordon Erickson
Arthur S. Hansen
John J. Schommer
Walter H. Seegrist
William M. Simpson

ACTIVE MEMBERS

Earl Anderson
Henry Bittner
Paul Buerckholtz
Hobart Bunce
Jerome Bunce
J. Donald Charlton
Jack Clark
Robert Ettinger
Robert Greenberg
Karl Hawkins
Robert Lange
Ben Lease
Roger Olson
James Rider
Jack Shanley
Ronald Smith
Richard Taylor
R. Grant Whitehead

PLEDGES

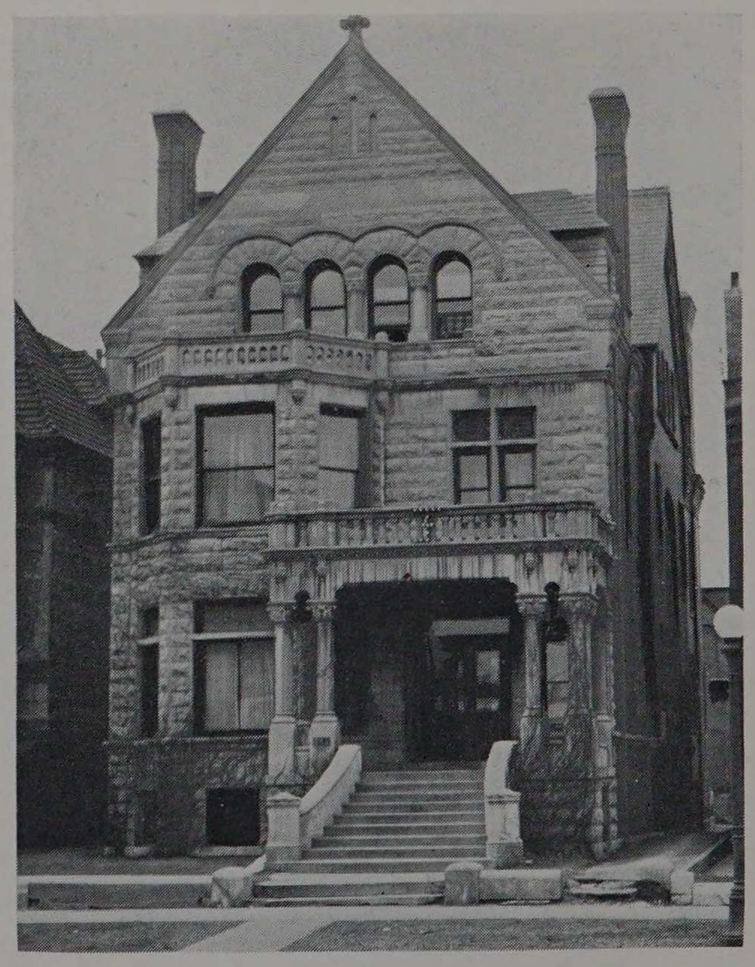
Wendell Christensen
Harold Davey
Harry Devine, Jr.
William Douglass
Allan Gullborg
Richard Hameister
Frank Havlik
Frank Hull
William Lease
Gus Mustakas
Leo Orsi
William Rush
Harry Storey
Edward Walinski
Charles Woehrl
Charles Wright



CHAPTER ROLL

Alpha	University of Pennsylvania
Delta	Washington and Jefferson College
Epsilon	Dickinson College
Zeta	Franklin and Marshall College
Eta	University of Virginia
Theta	Kenyon College
Lambda	University of North Carolina
Mu	Tulane University
Nu	Duke University
Omicron	University of Oklahoma
Rho	University of Illinois
Tau	Randolph-Macon College
Upsilon	Northwestern University
Phi	University of Richmond
Psi	Pennsylvania State College
Alpha Alpha	Washington and Lee University
Alpha Beta	University of Toronto
Alpha Psi	University of California at Los Angeles
Alpha Omega	University of British Columbia
Alpha Gamma	West Virginia University
Alpha Delta	University of Maine
Alpha Epsilon	Armour Institute of Technology
Alpha Zeta	University of Maryland
Alpha Eta	University of South Carolina
Alpha Theta	University of Wisconsin
Alpha Iota	Vanderbilt University
Alpha Kappa	University of Alabama
Alpha Lambda	University of California
Alpha Mu	Massachusetts Institute of Technology
Alpha Nu	Georgia School of Technology
Alpha Xi	Purdue University
Alpha Omicron	University of Michigan
Alpha Pi	University of Chicago
Alpha Rho	Cornell University
Alpha Sigma	University of Minnesota
Alpha Tau	Leland Stanford Jr. University
Alpha Upsilon	University of Washington
Alpha Phi	State University of Iowa
Alpha Chi	Ohio State University

In 1896 fifteen men formed the Paragraph Club, for the purpose of developing the social side of life at Armour. The club, with the original fifteen members, flourished for two years as a local organization. A number of fraternities, anxious to place chapters at Armour, desired to grant the society a charter. In 1898 the Paragraph Club received its charter as Alpha Epsilon Chapter of Phi Kappa Sigma. This was the first fraternity to establish a chapter at Armour.



One of the finest things that comes into the life of the matriculating freshmen . . . a fraternity . . . with it Rush Week, which included the +LT Banquet, dinner parties, and the Skull Dance with a fine band. . . . Over a score of us young men pledged Phi Kappa Sigma . . . we were known as "43". . . . On the 20th of October we joined the Phi Kaps from Northwestern University and Chicago in a Founder's Day Banquet at the Great Northern Hotel. . . . The fairer sex became an integral part of our social lives and we escorted them to the Halloween Dance at the Chapter House. . . . Two weeks later these beautiful damsels were invited to a Sunday Date Dinner at the house . . . thence to the Aragon. . . . Still our most constant occupation seems to be studying, yet we won the highly prized Interfraternity Football trophy. . . . A successive round of festive occasions surrounded us as we neared the Christmas Holidays . . . the Alumni Smoker . . . the Mother's Club Card Party . . . the Thanksgiving-Christmas informal dance with the rhythm of the Gayettes All Girl Band. . . . Oops, there's another championship. . . . Bowling. . . . Then came the New Year's Eve Dinner Dance. . . . While the pledges decorated the House in an ultra-modern "Snow" Mode for the Pledge Dance . . . the fraternity was busily engaged in winning the Interfraternity Basketball Championship. . . . The second term flashed past as we ran the gamet of another succession of Dances, Banquets, Date Dinners, and Interfraternity competitions. . . . Incidentally, the Interfraternity Swimming Champions were crowned . . . Phi Kaps again. . . . Traditional Junior Week arrived and was followed by the supreme ode to our graduating comrades. . . . The Cocktail Party and Dinner at the Chez Paree . . . gleaming tuxedos blended with the swishing of silken skirts to the melodious syncopated symphony of Lou Breese. . . . Then the Phi Kaps South Sea Island Picnic. . . . Our words, at best, can never explain with what a glow of pleasure and expectation we await YOU, the class of "44". . . .



1859

Delta Tau Delta

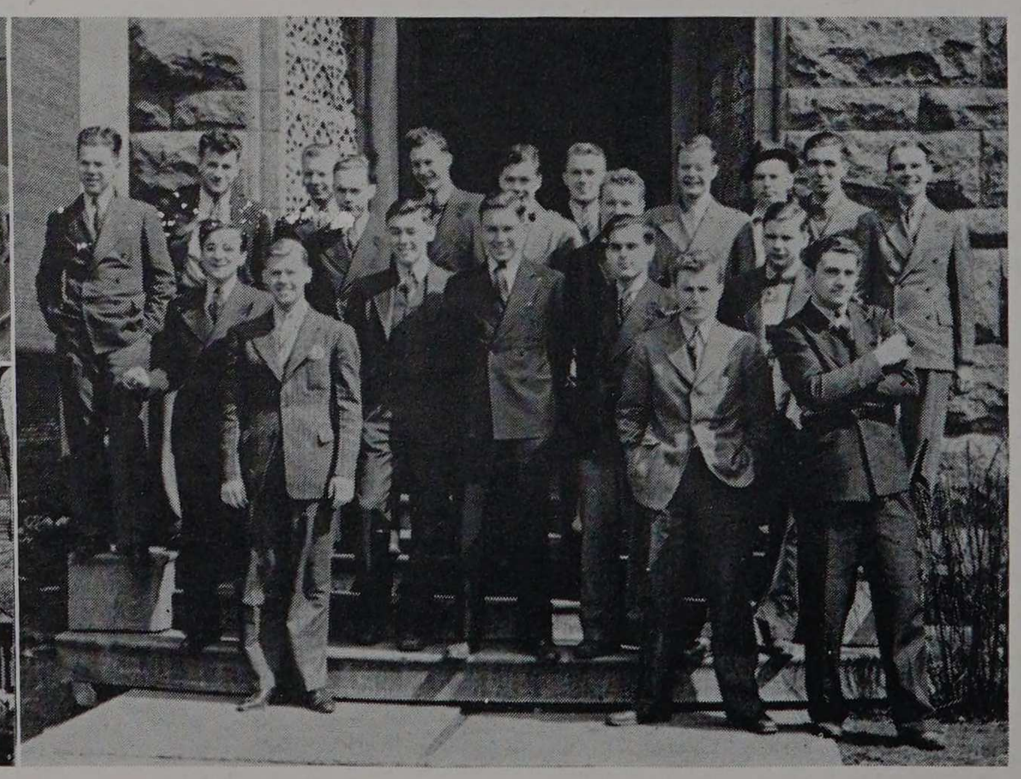
OFFICERS

First Semester		Second Semester
Donald Sunde	*President*	Keith Hoffman
John Fox	*Vice President*	Donald Knief
Donald Knief	*Recording Secretary*	Howard Meyer
Carl Sparenberg	*Corresponding Secretary*	Floyd Willis
Delano Wessels	*Treasurer*	Richard Talcott

Delta Tau Delta Fraternity was founded in 1859 at Bethany College, West Virginia. The informal organization was effected in 1858, but it was not until a year later that the constitution was adopted. The Rainbow, the first distinctly Southern fraternity, united with Delta Tau Delta in 1886 after negotiations of much length. The Rainbow had been founded since 1848, and the union of the two societies considerably strengthened the younger organization. To honor the older order, the name of the official journal of the fraternity was named *The Rainbow*.

The growth of the fraternity was from the first a rather rapid one, and after the consolidation with Rainbow the rate of expansion increased greatly. Delta Tau Delta is now an international organization with seventy-four active chapters and many alumni chapters throughout the country. The alumni organization acts as a constant guide and help to the undergraduate chapters.







Allen
Carmody
Cies
Crane
Creagan
Doane

Duncan
Dunworth
Ekstrom
Fox
Garnier
Haubert

Hoffman
Hoover
Jordan
Kelly
Knief
Meyer

Moore
Patterson
Phillips
Ransel
Rice
Sparenberg

Sunde
Suthers
Talcott
Umbright
Wessels
Willis
Yeager

FACULTY

Arthur H. Carpenter

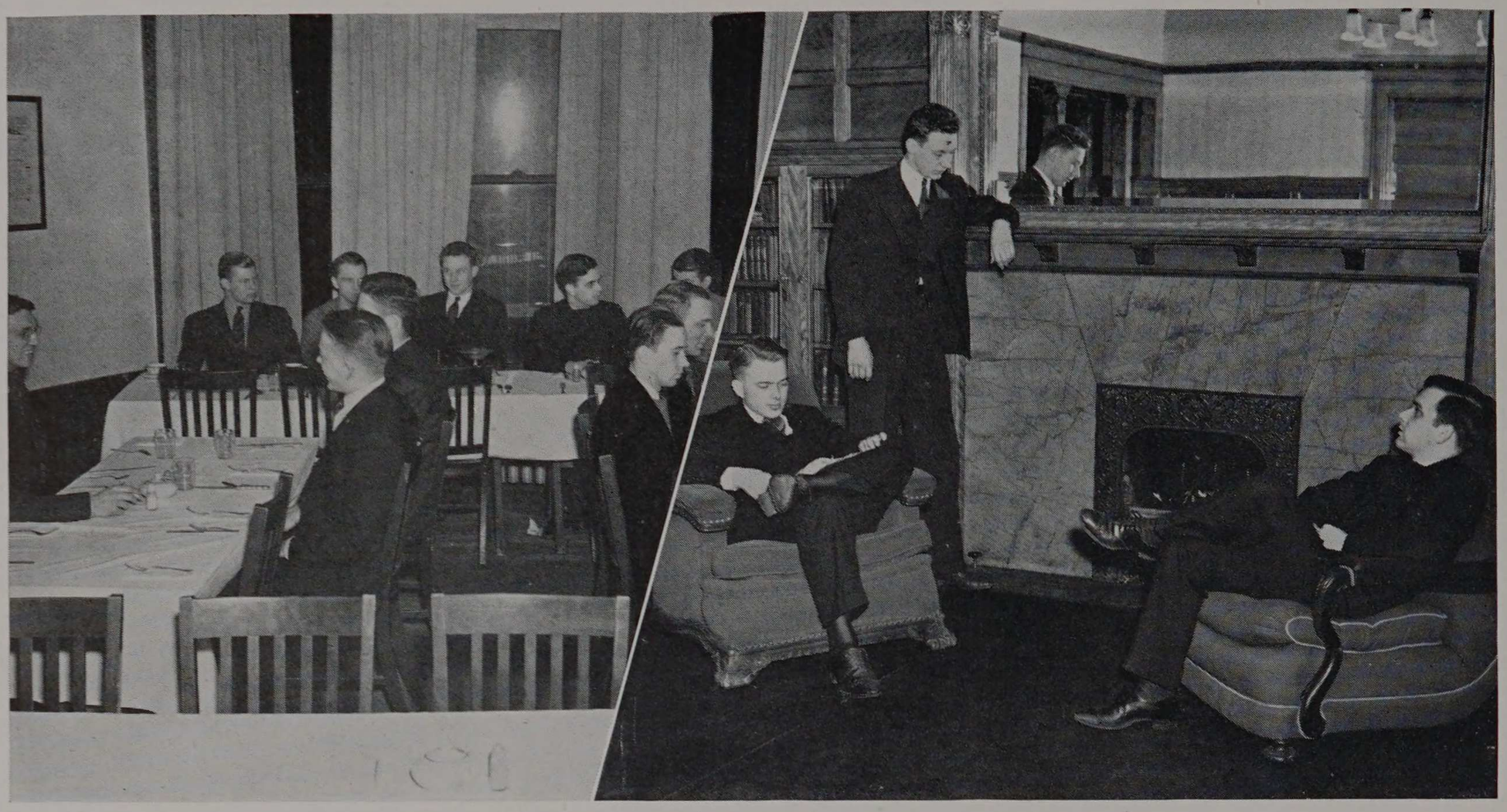
Alfred L. Mell

ACTIVE MEMBERS

Judson Doane
James Duncan
Richard Dunworth
John Fox
William Haubert
Keith Hoffman
Donald Knief
Edward Moore
Howard Meyer
Cecil Patterson
J. Paul Ransel
Carl Sparenberg
Donald Sunde
William Suthers
Richard Talcott
Warren Umbright
Delano Wessels
Floyd Willis
William Yeager

PLEDGES

Howard Allen
Edward Carmody
Robert Cies
Frederick Crane
Robert Creagan
Richard Ekstrom
Albert Garnier
Henry Hoover
Walter Jordan
William Kelly
Donald Knaak
Louis Phillips
John Rice

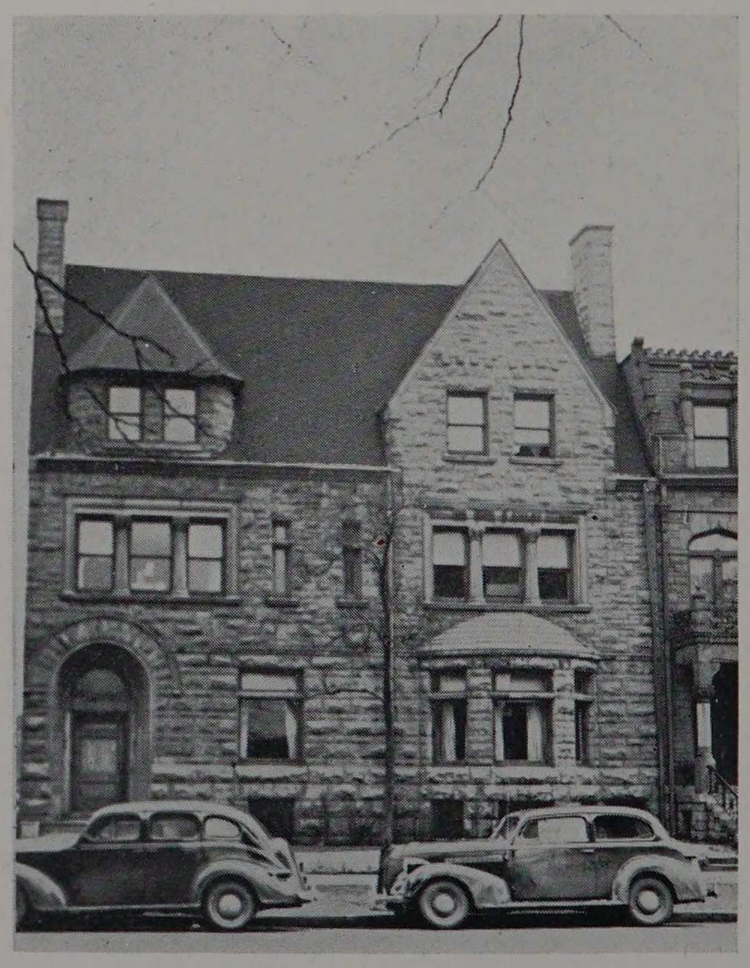


CHAPTER ROLL

WESTERN DIVISION

Beta	Ohio State University
Delta	University of Michigan
Epsilon	Albion College
Zeta	Western Reserve University
Kappa	Hillsdale College
Mu	Ohio Wesleyan
Omicron	State University of Iowa
Chi	Kenyon College
Beta Alpha	Indiana University
Beta Beta	DePauw University
Beta Gamma	University of Wisconsin
Beta Zeta	Butler University
Beta Eta	University of Minnesota
Beta Pi	Northwestern University
Beta Upsilon	University of Illinois
Beta Phi	Ohio State University
Beta Psi	Wabash College
Gamma Beta	Armour Institute of Technology
Gamma Lambda	Purdue University
Gamma Xi	University of Cincinnati
Gamma Upsilon	Miami University
Delta Nu	Lawrence College
Delta Xi	University of North Dakota
Delta Omicron	Westminster College

Gamma Beta of Delta Tau Delta was founded as the Monolith Club in the year 1900. Reorganization of the club took place the same year, and the name was changed to Consonant Club. Soon the membership included fifteen men, two of whom were members of Delta Tau Delta. In February of 1901 a petition for a charter was presented to Delta Tau Delta. On May 10, 1901, Gamma Beta of Delta Tau Delta was officially installed at Armour Institute.



Summer is over . . . back to Old Armour . . . nights of studying . . . gay dances . . . meetings . . . the harsh thrill of mid-term valentines . . . but first there's Rush Week . . . a dizzying program of Monte Carlo Night . . . Mid Rush Week Dance . . . the Smoker . . . Dad's Night . . . Rush Dance and on Sunday the Mother's Tea. . . . During October we had a Radio Dance on the 7th and a Halloween Dance on the 28th. . . . Nature outdid itself in making the fall of '39 beautiful. . . . In that setting the month of November was superlative. . . . On the 11th we held the Mid-term Informal Radio Dance. . . . The Mother's Club meeting was held the 15th . . . as a climactic finis to that season we danced in tuxes et al at the Pledge Formal to the music of a fine band . . . the night before we went home for the Christmas Holidays we held an appropriate hep-cat session. . . . January and February and March whizzed past and with them went the bitter cold of winter . . . to keep warm we engaged in a Card Party and Informal Get-Together . . . a Mother's Club Party . . . and a Valentine's Day Dance . . . wasn't the house beautiful that night? Hearts everywhere . . . on the ceiling, walls and sleeves. . . . The Delt Prom held at the Terrace Casino . . . we met all the fellows in the Western Division of Delt Chapters. . . . St. Pat's Dance and the house was transformed into a shimmering green magic wonderland. . . . Nice work, freshmen. . . . Spring and our parents met at the Annual Dad's Night on the 20th of April and the Mother's Tea on the 27th. . . . Junior Week . . . no classes . . . yippee. . . . Founder's Day Party with the Alumni May 10 and a dance in their honor the next night . . . and so another glorious Delt year ended with the Senior Farewell Party.



1846

Theta Xi

OFFICERS

First Semester		Second Semester
Frank Grote	*President*	Forrest Wolf
William Manstrom	*Vice President*	Charles Durkee
John Mangan, Jr.	*Secretary*	John Mangan, Jr.
Edward Mock	*Treasurer*	Edward Mock

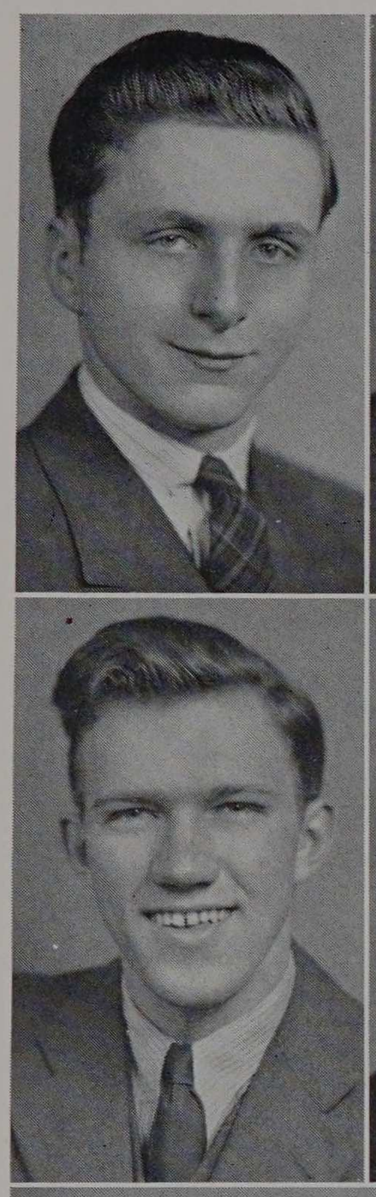


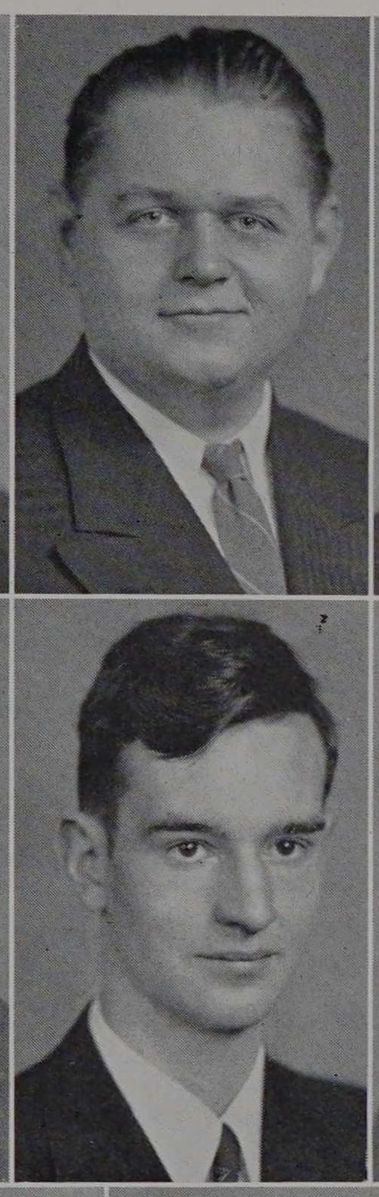
On April 29, 1864, at Rensselaer Polytechnic Institute, the fraternity of Theta Xi was formed by eight students of the school. All eight founders were formerly members of the Sigma Alpha fraternity.

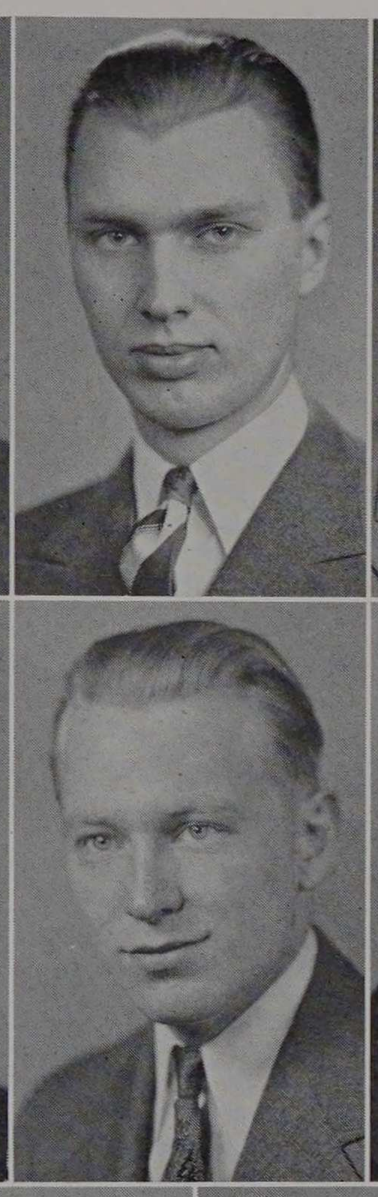
For many years membership in Theta Xi was limited to students of engineering and science. The fraternity in 1926 evinced its desire to select its membership from all branches of learning. Since that time Theta Xi has taken its place as a national general fraternity. The result of this decision has been the enlarging of the organization, and now it numbers thirty-three active chapters.

Omega Lambda, the first local fraternity on the Armour campus, was organized in 1904. The fraternity soon became established as one of the most progressive organizations at Armour. As the organization became stronger, the members decided on affiliation with a national society, and in 1922 the local fraternity became Alpha Gamma Chapter of Theta Xi.

Dres
Durkee
Franzene
Grote
Hansen





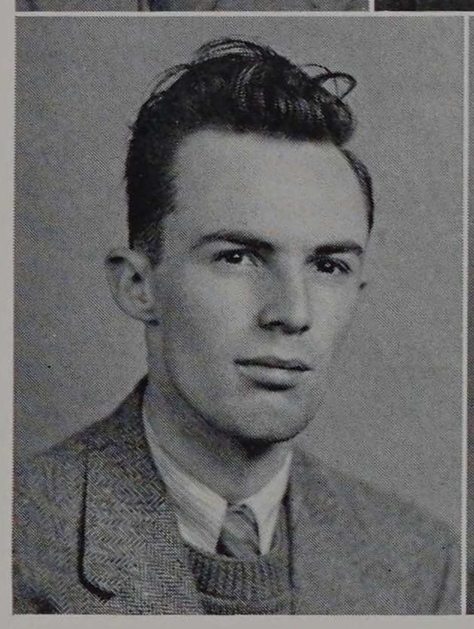


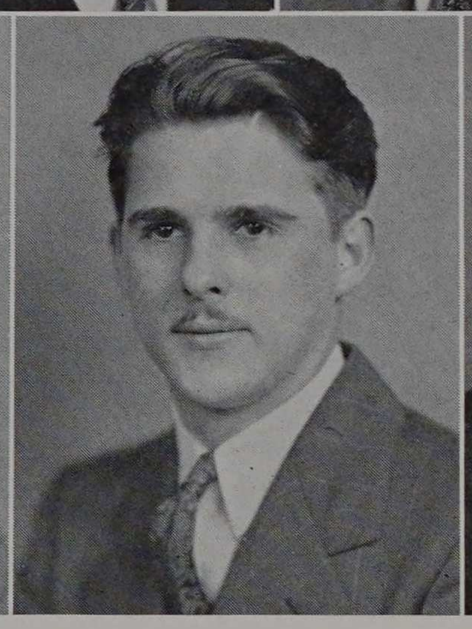


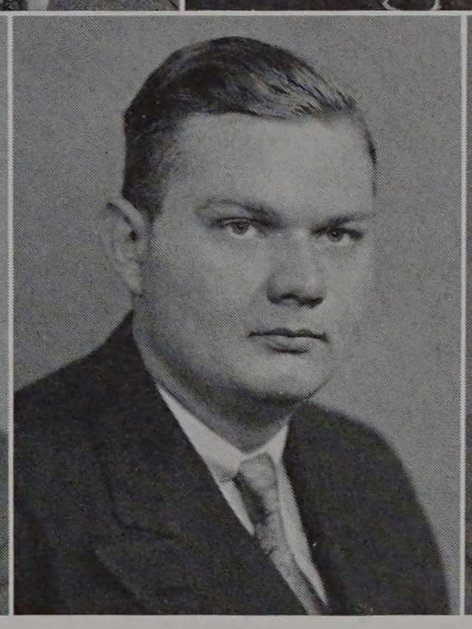


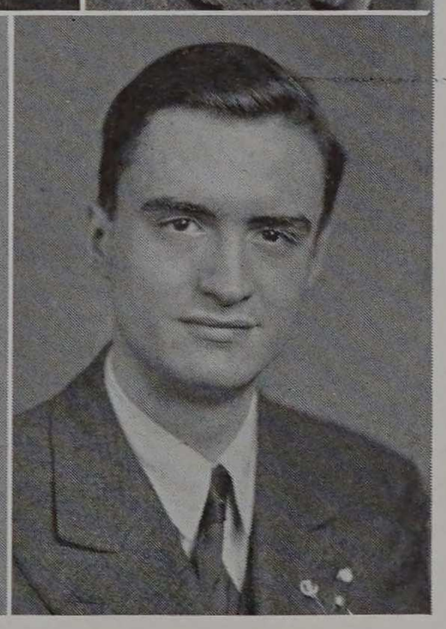
Koenig
Mangan
Manstrom
Mock
Sandusky

Stein
Stryz
Wilson
Wolf









FACULTY

Henry T. Heald
David P. Moreton
Charles E. Paul
John C. Penn
Robert V. Perry
Donald E. Richardson

Arthur W. Sear

ACTIVE MEMBERS

William Dres
Charles Durkee
Roy Franzene
Frank Grote, Jr.
John Mangan, Jr.
William Manstrom
Charles Matt
Edward Mock
Paul Sandusky
Sheldon Stein
William Wilson, Jr.
Forrest Wolf

PLEDGES

Warren Hansen
Paul Koenig

Hillard Stryz

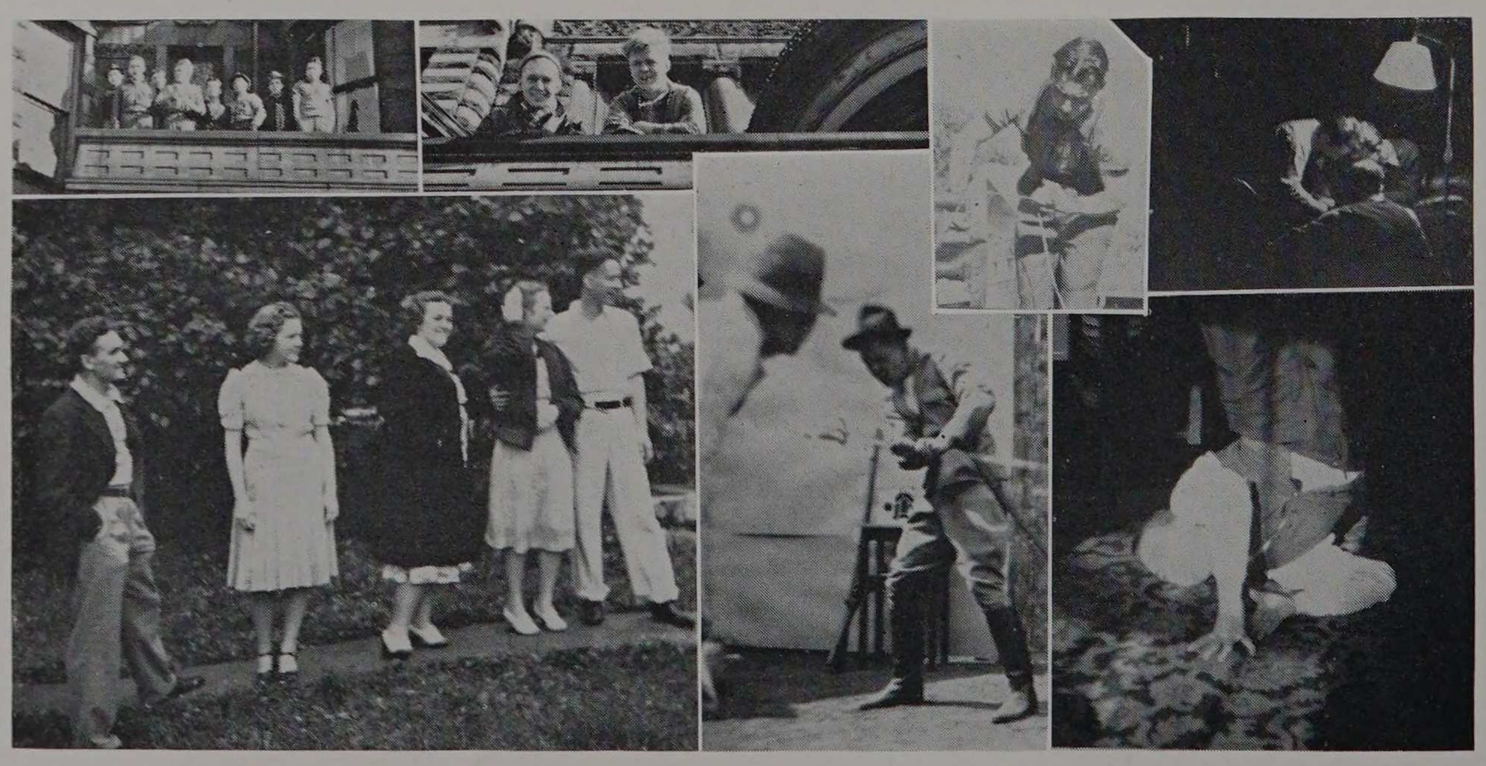
1845

Alpha Sigma Phi

OFFICERS

First Semester		Second Semester
Richard Larson	*President*	Richard Larson
John Cerovski	*Vice President*	Robert Schmidt
Earle Huxhold	*Scribe*	Earle Huxhold
William Caldwell	*Corresponding Scribe*	David Whittingham
William Plengey	*Treasurer*	William Plengey

Alpha Sigma Phi was founded at Yale College on December 6, 1845, as a sophomore society. In 1850 Beta chapter was initiated as a sophomore society at Harvard. Other chapters were initiated, but it was not until 1907 that the national organization was perfected and a new period of expansion begun. At present there are thirty-seven active chapters throughout the country. There are several chapter alumni associations, but the main alumni organization is by means of councils which exist at all of the large cities. Alpha Sigma Phi has many prominent members among her alumni in this country and abroad.





Ballard
Brown
Caldwell
Cerovski
Erickson
Harrison

Heidorn
Hussander
Huxhold
Johnson
Katzbeck
Larson

Lopez-Diaz
McHugh
Malleris
Muehlhausen
Mullen
Piepenbrink

Plengey
Rittenhouse
Roetter
Schmidt
Shaw
Smith

Turner
Vizard
Wasilenko
Wierzbicki
Whittingham

FACULTY

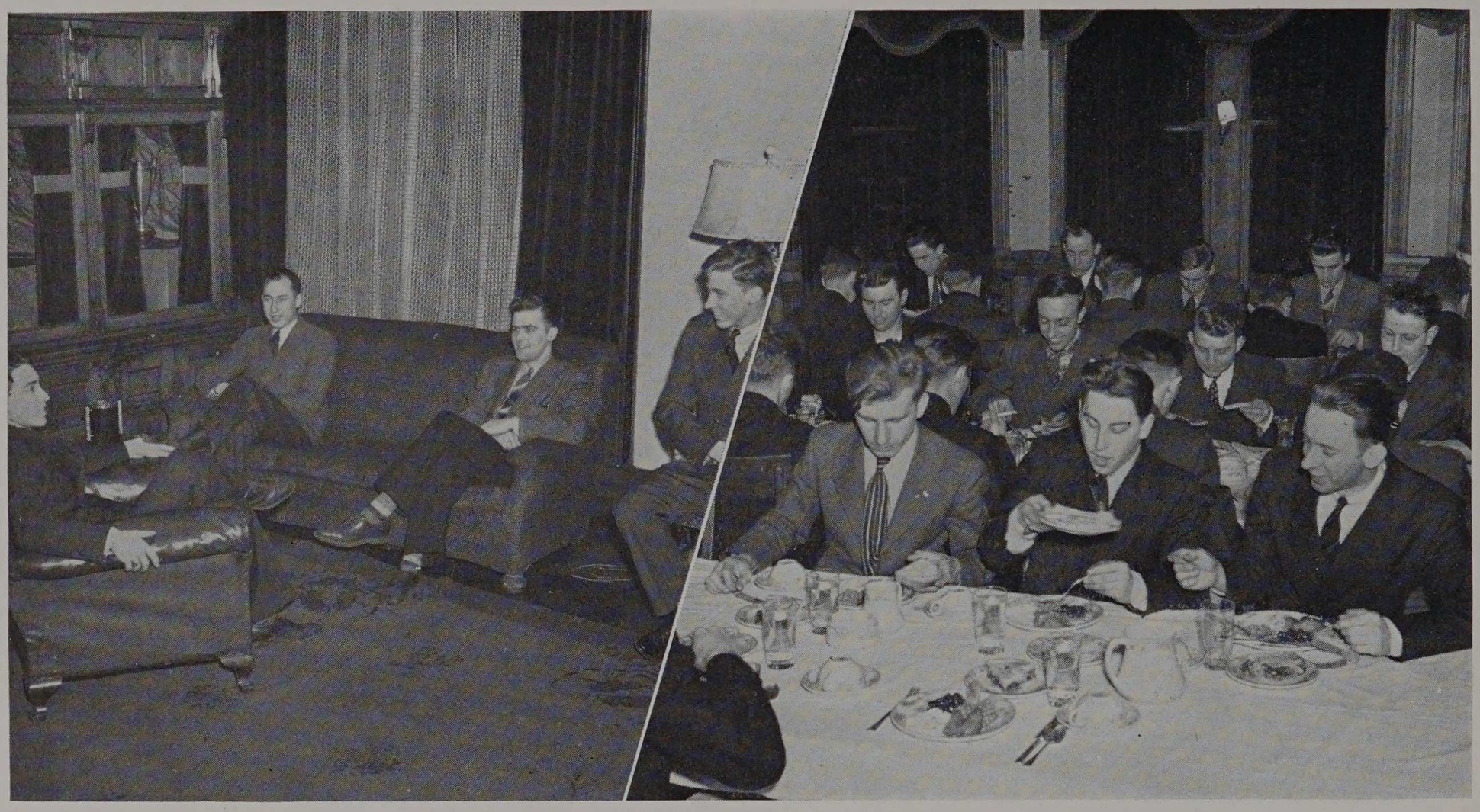
Carl G. Anderson — Horace A. Giddings — Norman Root

ACTIVE MEMBERS

James Brown
William Caldwell
John Cerovski
Ernest Harrison
George Hussander
Earle Huxhold
Fred Johnson
Richard Larson
Chris Malleris
Henry Muehlhausen
Edward Mullen
Vern Parker
Robert Piepenbrink
William Plengey
Robert Schmidt
Harry Shaw
Raymond Smith
William Vizard
Steven Wasilenko
David Whittingham

PLEDGES

Robert Ballard
William Lopez-Diaz
Robert Erickson
LeRoy Heidorn
Adolph Katzbeck
James McHugh
John Rittenhouse
Robert Roetter
Merrill Turner
Edward Wierzbicki



CHAPTER ROLL

Alpha	Yale University
Gamma	Massachusetts State
Delta	Marietta College
Epsilon	Ohio Wesleyan
Zeta	Ohio State University
Eta	Illinois University
Theta	Michigan University
Iota	Cornell University
Kappa	Wisconsin University
Lambda	Columbia University
Mu	University of Washington
Nu	University of California
Xi	University of Nebraska
Omicron	University of Pennsylvania
Pi	University of Colorado
Sigma	University of Kentucky
Tau	Stanford University
Upsilon	Penn State
Phi	Iowa State
Psi	Oregon State
Alpha Alpha	University of Oklahoma
Alpha Beta	University of Iowa
Alpha Delta	Middlebury College
Alpha Epsilon	Syracuse University
Alpha Zeta	U. C. L. A.
Alpha Theta	University of Missouri
Alpha Iota	University of Alabama
Alpha Lambda	Case School of Science
Alpha Mu	Baldwin-Wallace College
Alpha Nu	Westminster College
Alpha Xi	Armour Institute of Technology
Alpha Pi	Purdue University

Phi Pi Phi was a very strong fraternity on the Armour Campus for sixteen years. The chapter had been established for twenty-six years, ten years being Beta Phi. After two years of careful study, it was revealed that the ideals and principles of Alpha Sigma Phi were similar to those of Phi Pi Phi. Hence on July 22, 1939, plans were completed whereas Phi Pi Phi merged with Alpha Sigma Phi.



Great days of competition . . . Rush Week with our Rush Dance and Mother's Club Tea. . . . School no more than started and here are banquets . . . dances . . . remember the initiation of our chapter into Alpha Sigma Phi, October 28, 1939 . . . President Heald, Professor Harris, and all the fellows from Kappa chapter of Wisconsin attended. . . . It wasn't long 'til we had that Hard Times' Party on November 22 . . . costumes and customs were apropos . . . my girl was beautiful . . . hmmm . . . I had a wonderful time!! . . . Again the Mothers met and staged another gala affair . . . the Card Party of December 1. . . . We commemorated our founders at the Founder's Day Dinner, eleven days later. . . . Christmas holidays . . . finals . . . a new semester . . . a new year. . . . All of a sudden we had to ask Betty to that Dinner Dance on March 16 . . . after the dinner we all adjourned to the Chicago U field house for the Annual Armour Tech Relays . . . we saw an Armour man in the races . . . he wasn't first, he wasn't second, in fact he wasn't even close . . . but we were there cheering. . . . Mother's Club Party April 5. . . . The 27th we Alpha Sigs were seen super-dancing in the Continental Room of the Stevens. . . . We ended Junior Week with one of our famous House Dances. . . . Ugh, finals . . . the prof tells me I'll do better next time. . . . We then eased off into the delights of summer vacation with the grand finis of our social functions . . . an all day party during which time we bade farewell, the best of luck, and Godspeed to our graduating brethren of old Alpha Sigma Phi. . . .



1909

Sigma Alpha Mu

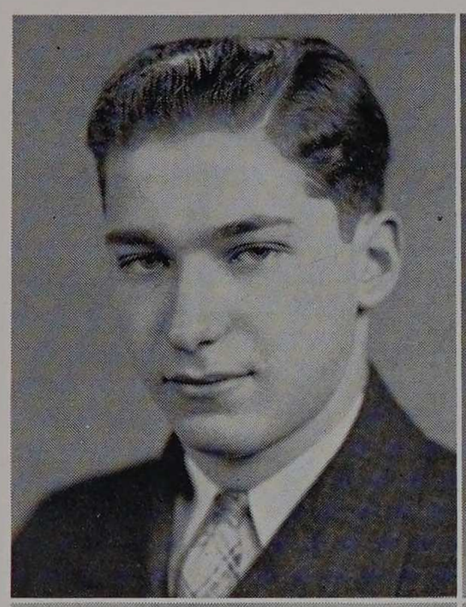
OFFICERS

First Semester		Second Semester
Robert Kohn	*Prior*	Robert Barrett
Robert Barrett	*Exchequer*	Seymour Saperstein
Gerhard Hollander	*Alumni Recorder*	Gerhard Hollander
Robert Abrahamson	*Recorder*	Harry Role

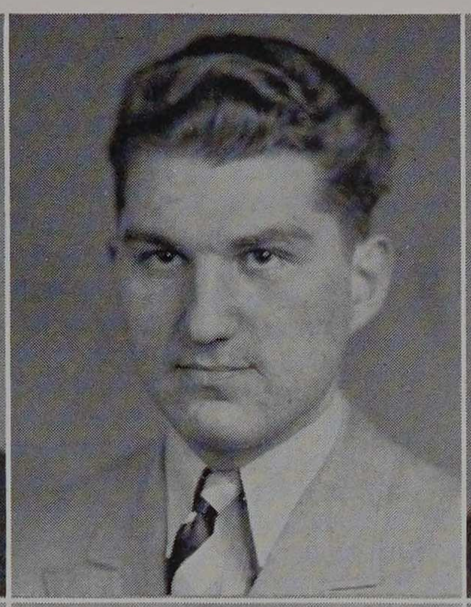


The founding of Sigma Alpha Mu occurred at the College of the City of New York on Thanksgiving Eve, November 26, 1909. The inception of the organization was largely due to the desire of the founders to organize Jewish students of good character to spread the doctrines of fraternalism and self-development. Nationalization of the fraternity was not at first considered, and the second chapter was not founded until 1913. Once extension started, it continued rapidly and the fraternity is now national in scope.

On February 5, 1922, the Ohr Club of Armour Institute, which had been active on the campus for some years, became Sigma Epsilon Chapter of Sigma Alpha Mu. The acceptance of the club's petition brought the largest Jewish fraternity in the United States to the Armour campus. Sigma Epsilon Chapter has always co-operated closely with the chapters of other midwestern schools.



Abrahamson



Barrett



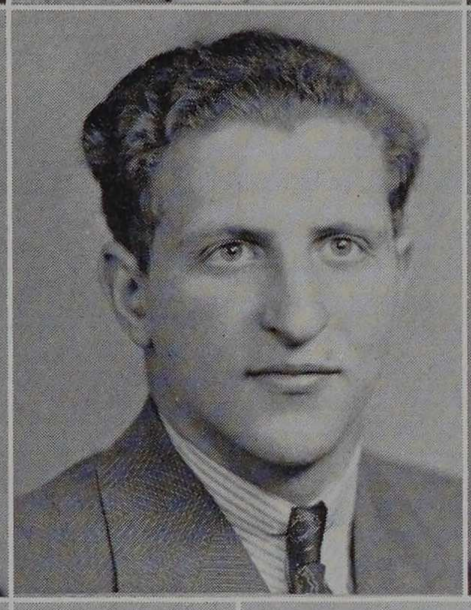
Clayton



Cooper



Hollander



Hurvitz



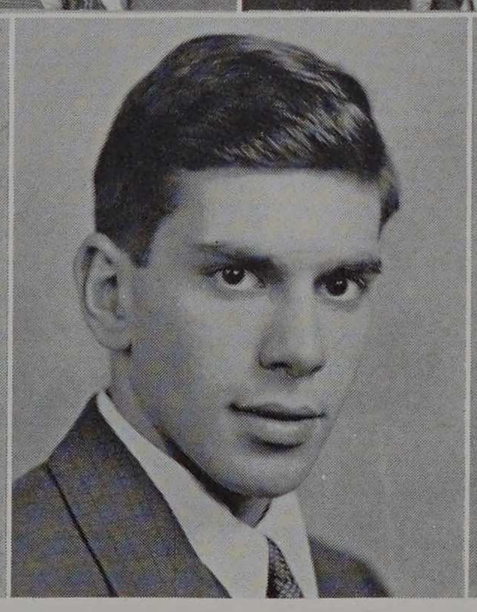
Kohn



Role



Saperstein



Shapiro



Sherman

FACULTY

Norman Schreiber

Herbert Kriesman

ACTIVE MEMBERS

Robert Abrahamson
Robert Barrett
Gerhard Hollander
Robert Kohn
Harry Role
Seymour Saperstein

PLEDGES

Arthur Clayton
Bernard Cooper
John Golden
William Heller
Harold Hurvitz
Norman Hymes
Harold Shapiro
Earl Sherman

Henry Wise

1919

Rho Delta Rho

OFFICERS

First Semester		Second Semester
Leon Epstein	*President*	Leon Epstein
Bernard Sternfeld	*Vice President*	Bernard Sternfeld
Sidney Silverman	*Secretary*	Sidney Silverman
Joseph Heller	*Treasurer*	Joseph Heller



During the winter of 1918 several undergraduate students of Armour Institute, who had been brought together through their common interests and ideals, decided to form a lasting fraternal bond to strengthen their friendship. Every succeeding active chapter of the fraternity has endeavored to carry on the ideals and spirit of the founders.

Rho Delta Rho was chartered in the state of Illinois on August 27, 1919. A year later a petition for the recognition as a local fraternity was accepted and the organization became established on the Armour Campus. The membership of the fraternity has greatly increased since its foundation.

The members of the Alumni Chapter of the fraternity have carried the spirit of the original founders with them even after the close of their college careers. The Alumni Chapter meets once each month, and its membership includes most of the graduates of the Alpha Chapter of Rho Delta Rho.

Alschuler
Berman
Blackstone
Cohen
Davis
Ellis
Epstein

Farkas
Ferber
Franks
Goltz
Heller
Hersh
Horwitz

Jacobs
Joseph
Kolom
Krus
Lachman
Lang
Levin

Levinson
London
Lowy
Mandel
Miller
Mirotsnic
Nadel

Newman
Pinsky
Pollack
Rosenberg
Rumack
Salzman
Sarasin

Silverman
Sniader
Spitz
Sternfeld
Welsch
Workman



FACULTY MEMBERS

Robert M. Levy
Sidney Miner
Bernard Weissman
Henry L. Nachman

ACTIVE MEMBERS

John Alschuler
Morris Blackstone
Jack Cohen
Bennett Edelman
Bernard Ellis
Leon Epstein
Norton Ferber
Edwin Franks
Joseph Heller
Allan Hersh
Louis Jacobs
Aaron Kolom
Benjamin Levin
Harry Levinson
Mortimer Lowy
Ernest Mandel
Frank Miller
Julius Mirotsnic
Jerome Pinsky
Philip Rosenberg
Marshall Salzman
Sidney Silverman
Bernard Sternfeld
Arthur Welsch

PLEDGES

Herbert Berman
Ray Cutler
Jack Davis
Ivan Farkas
Arthur Goltz
Morris Horwitz
Burton Joseph
Aaron Krus
Irwin Lachman
Edward Lang
Mannye London
Lawrence Nadel
Robert Newman
Meyer Pollack
Nathan Rumack
Bernard Sarasin
Dave Sniader
Warren Spitz
Daniel Workman

1907

Triangle

OFFICERS

First Semester		Second Semester
Vern Hassell	*President*	Vern Hassell
James Reuter	*Vice President*	James Reuter
Bruce Lundgren	*Recording Secretary*	Bruce Lundgren
Robert Ericson Eugene Irwin	*Corresponding Secretaries*	Robert Ericson Eugene Irwin
Robert Sweeney	*Treasurer*	Robert Sweeney



Triangle, a fraternity for engineers, was founded at the University of Illinois on April 15, 1907. Though a fraternity of engineers, duplication of membership with other college fraternities is not permitted. Although the fraternity was at first limited to civil engineering students, the membership requirements have since been broadened to include all options of engineering students. This was done because the purpose of the organization was the development of fraternal life, not only among the members of a single course, but among all engineering students. Triangle was the first social fraternity selecting its members from students in a four or five year engineering course.

The Scroll and Triangle, the local fraternity from which the Armour Chapter of Triangle was formed, was composed of six students who had united because of similar ideals. In 1923, after one year as a local fraternity, the Scroll and Triangle was granted a charter as a chapter of Triangle Fraternity.

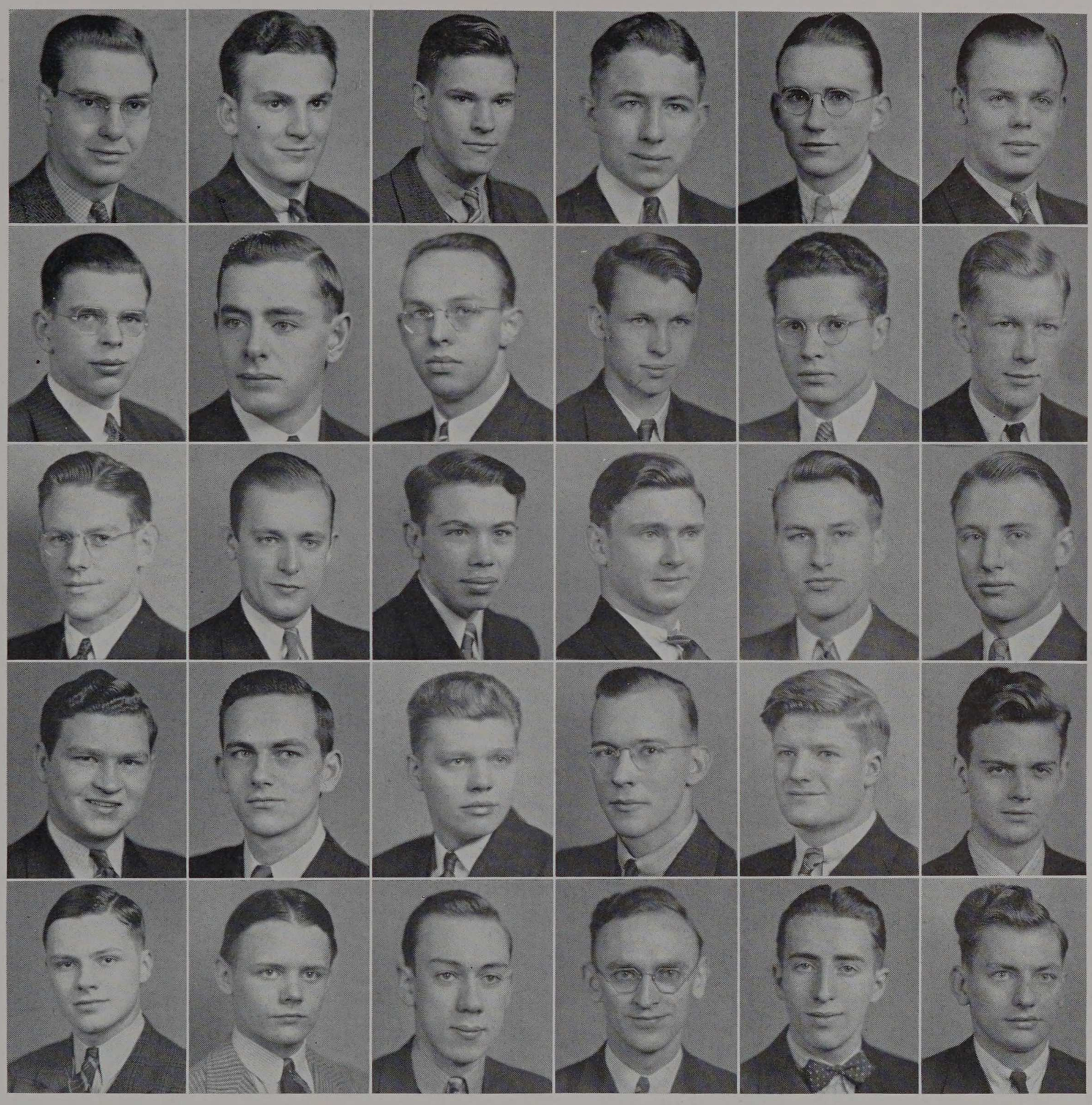
Adams
Barnabee
Clark
Curry
Duree
Ericson

Frost
Hanna
Hassell
Irwin
Johnson, H. R.
Johnson, H. C.

Johnson, V.
Kunzelmann
Lawrence
Logue
Lundgren
McClenegan

McMacken
Miles
Quandee
Reuter
Roberts
Shearer

Sweeney
Tucker
Wallace
Wideman
Wood
Yardley



FACULTY MEMBERS

Philip C. Huntly
R. G. Minarik
Charles A. Tibbals
Sholto M. Spears

ACTIVE MEMBERS

Lloyd Adams
James Barnabee
Edgar Clark
Herbert Curry
Arthur Duree
Robert Ericson
George Frost
George Hanna
Vern Hassell
Eugene Irwin
Harold Johnson
Vernon Johnson
Howard Johnson
James Lawrence
William Logue
Bruce Lundgren
Bert McClenegan
Robert McMacken
George Miles
Harry Quandee
James Reuter
Richard Roberts
Robert Sweeney
Charles Wallace
James Wideman
John Wood
Kenneth Yardley

PLEDGES

Joseph Bondi
John Kunzelmann
James Tucker
Lowen Shearer

1904

Pi Kappa Phi

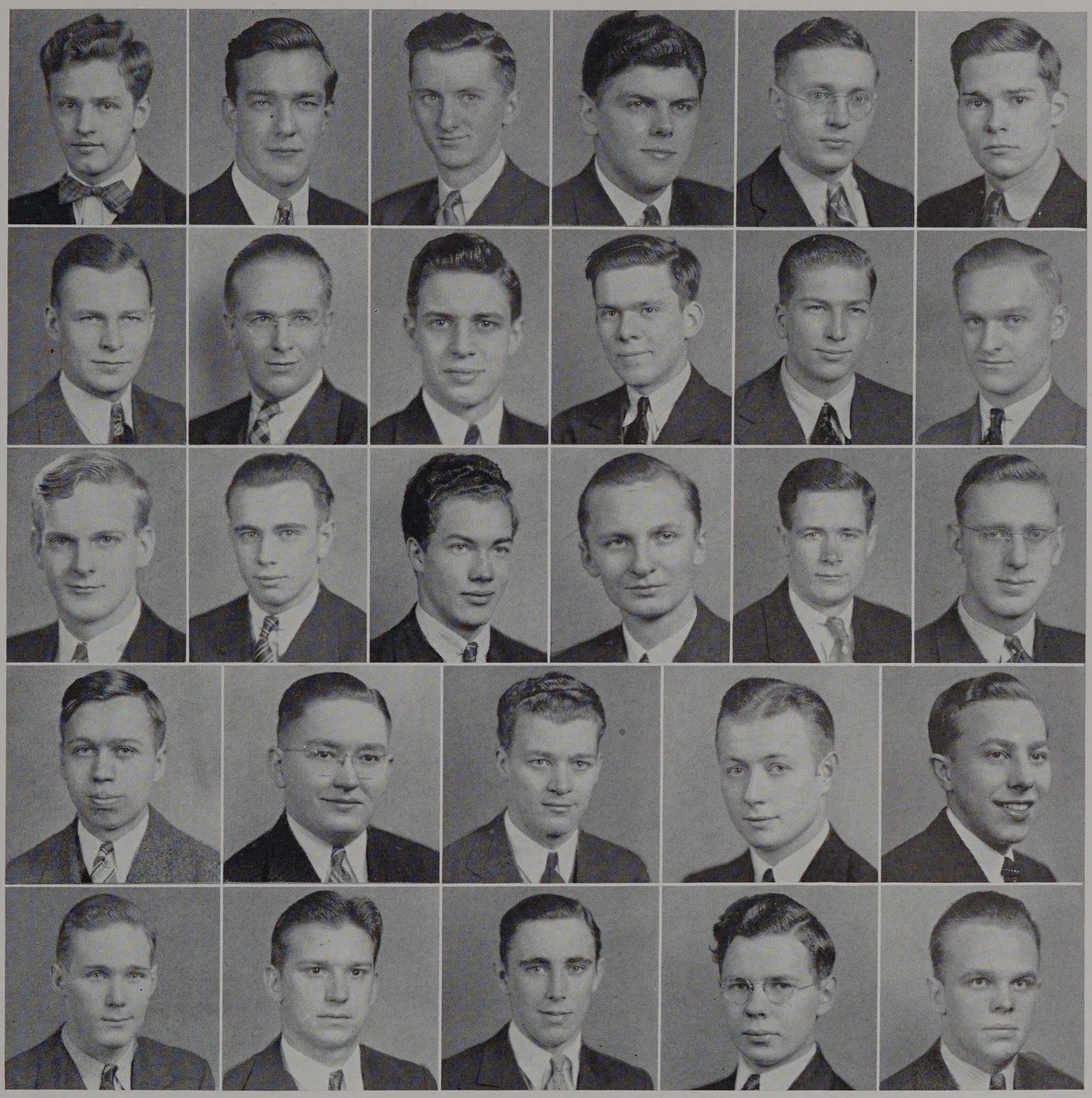
ΟΥΔΕΝ ΔΙΑΣΠΑΣΕΙ ΗΜΑΣ

OFFICERS

First Semester		Second Semester
Roy Burman	*President*	Robert Maxwell
Elmer Matson	*Recording Secretary*	Oliver Dickerhoof
Robert Maxwell	*Corresponding Secretary*	Harold Pavel
Clarence Laskowski	*Treasurer*	Herbert Hansen

Pi Kappa Phi came into being on December 10, 1904, at the College of Charleston, South Carolina. The foundation for the fraternity was so securely laid that of all the fraternities founded in South Carolina, Pi Kappa Phi alone survived. Rigid anti-fraternity legislation in that state made very unfavorable conditions for the growth of fraternal organizations. The organization has had a natural growth and though it has been more pronounced in the South, it has never been confined to that district. The founding of a chapter at the University of California in 1909 was a very important step in the fraternity's history. It led to the chartering of five other chapters west of the Mississippi, and brought into the fraternity new leaders and a new energy which has meant much in shaping its policies. Pi Kappa Phi now has a roll of thirty-eight chapters.





Bujan
Burman
Collender
Dargel
Dickerhoof
Dodge

Freedain
Gerhardt
Gullett
Hansen
Harper
Heidenreich, F.

Heidenreich, H.
Hoff
James
Laskowski
Loftus
Malela

Matson
Maxwell
Olinger
Olsen
Pavel

Sauvage
Schellschmidt
Schmal
Smith
Willman

FACULTY MEMBERS

Samuel F. Bibb
John F. Mangold
William Setterberg

ACTIVE MEMBERS

Albert Bujan
Roy Burman
Merle Dargel
Oliver Dickerhoof
Raymond Dodge
Vladimir Filko
Russell Freedain
John Gerhardt
Cecil Gullett
Herbert Hansen
Richard Harper
Frank Heidenreich
Harry Heidenreich
George Hoff
Clarence Laskowski
Edson Loftus
Edward Malela
Elmer Matson
Robert Maxwell
Richard Olinger
Harold Pavel
John Sauvage
Victor Schellschmidt
Ralph Schmal

PLEDGES

Edward Collender
Jerry James
Andrew Michyeta
Stewart Olsen
Raymond Smith
Dale Willman



CHAPTER ROLL

Alpha	College of Charleston
Beta	Presbyterian College
Gamma	University of California
Delta	Furman University
Epsilon	Davidson College
Zeta	Wofford College
Eta	Emory University
Iota	Georgia School of Technology
Lambda	University of Georgia
Mu	Duke University
Xi	Roanoke College
Omicron	University of Alabama
Pi	Oglethorpe University
Rho	Washington and Lee University
Sigma	University of South Carolina
Tau	North Carolina State College
Upsilon	University of Illinois
Chi	Stetson University
Psi	Cornell University
Omega	Purdue University
Alpha Alpha	Mercer University
Alpha Gamma	University of Oklahoma
Alpha Delta	University of Washington
Alpha Epsilon	University of Florida
Alpha Zeta	Oregon State College
Alpha Eta	Howard College
Alpha Theta	Michigan State College
Alpha Iota	Alabama Polytechnic Institute
Alpha Lambda	University of Mississippi
Alpha Mu	Pennsylvania State College
Alpha Nu	Ohio State University
Alpha Xi	Brooklyn Polytechnic Institute
Alpha Omicron	Iowa State College
Alpha Rho	West Virginia University
Alpha Sigma	University of Tennessee
Alpha Tau	Rensselaer Polytechnic Institute
Alpha Upsilon	Drexel Institute of Technology
Alpha Phi	Armour Institute of Technology

Beta Chapter of Beta Psi was chartered at Armour Institute in 1924. Until 1935 Beta Psi was an influential fraternity on the Armour Campus. In that year the organization was absorbed by the national Pi Kappa Phi Fraternity, after the two fraternities had agreed that their individual ideals were similar. Thus, on May 5, 1935, Alpha Phi Chapter of Pi Kappa Phi took the place of Beta Chapter of Beta Psi.



Here comes Rush Week . . . they tell me all fraternities have 'em. . . . I'm glad it's passed. . . . Talked so much about how wonderful Armour is I began to believe it myself. . . . Yes, sir, all study and no play for me this semester, yes, sir . . . but I can't miss the Campfire nor the Card Party on October 18. . . . The rest of the month I'm really going to bear down on the books. . . . There's the Social Chairman . . . Hi, feller . . . you don't mean we've got a smoker the 22nd . . . and a Halloween Masquerade Dance the 27th . . . and an Open House the 29th. . . . Well, now I can really study . . . yep, all homework in on time, no last minute cramming . . . yep. . . . You don't mean there's a Valentine waiting for me over in the Registrar's Office. . . . Oh well, they can't stop me from having a good time . . . think I'll take Janey to the Pledge Dance the 22nd of November. . . . Had a swell time . . . I think that girl appreciates me. . . . I wonder how Janey feels though . . . I waited for her for two hours and she didn't come so I stood her up . . . that'll learn her. . . . Here it is December . . . awful warm, too . . . the Mothers are holding a Card Party and we have a Founder's Day Banquet December 10 . . . and so the holidays. . . . Can't leave out the New Year's Eve Party, January 1 and December 31. . . . Back to school to get some rest. . . . Passed in everything, but I wonder how come I don't get in Salamander or Tau Beta Pi like Maxwell and Heidenreich did . . . discrimination, that's all. . . . Pretty soon spring will be here . . . but first that Valentine's Party . . . then a Camp Fire, April 19. . . . Don't forget the Pi Kappa Phi District Conclave, April 13-14. . . . Gee, finals are over already . . . and the Senior Farewell is tonight. . . . A summer's vacation. . . . The National Convention August 21-24 . . . and then a new semester. . . . The profs have informed me that I'll do better next semester.



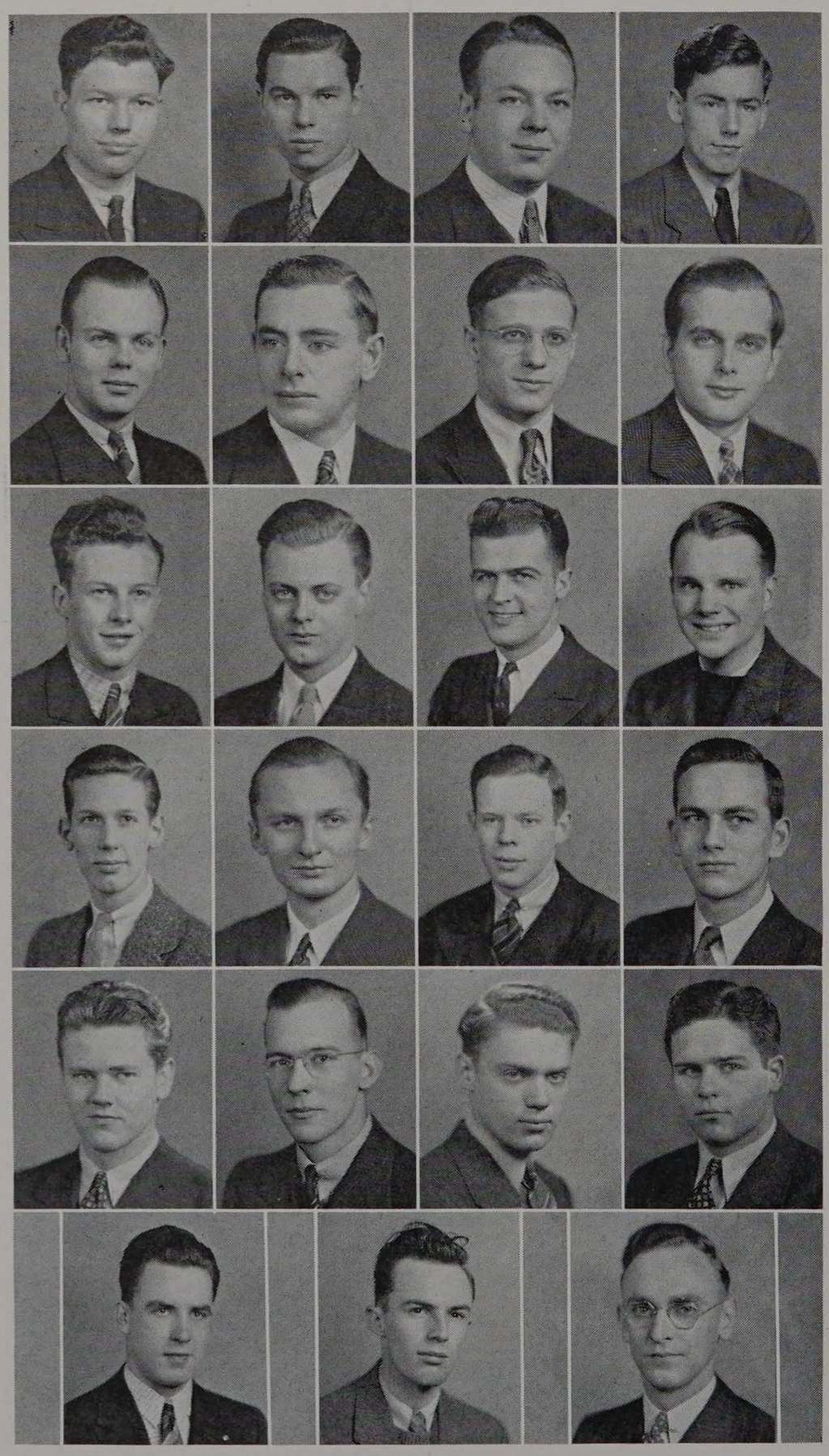
1938

Beta Omega Nu

OFFICERS

First Semester		Second Semester
William Horton	*President*	George Hanna
George Hanna	*Vice President*	Harry Shaw
Harry Shaw	*Secretary*	Robert Lange
Robert Lange	*Sergeant at Arms*	William Manstrom
Clarence Laskowski	*Treasurer*	William Haubert

Bunce, H. Bunce, J. DeMent Doane
Ericson Hanna Harrison Haubert
Hoffman Horton Huxhold Knief
Lange Laskowski Lease Miles
Olson Reuter Sandusky Shanley
Shaw Stein Wideman



FACULTY MEMBERS

John J. Schommer Bernard Weissman
Harold W. Davey

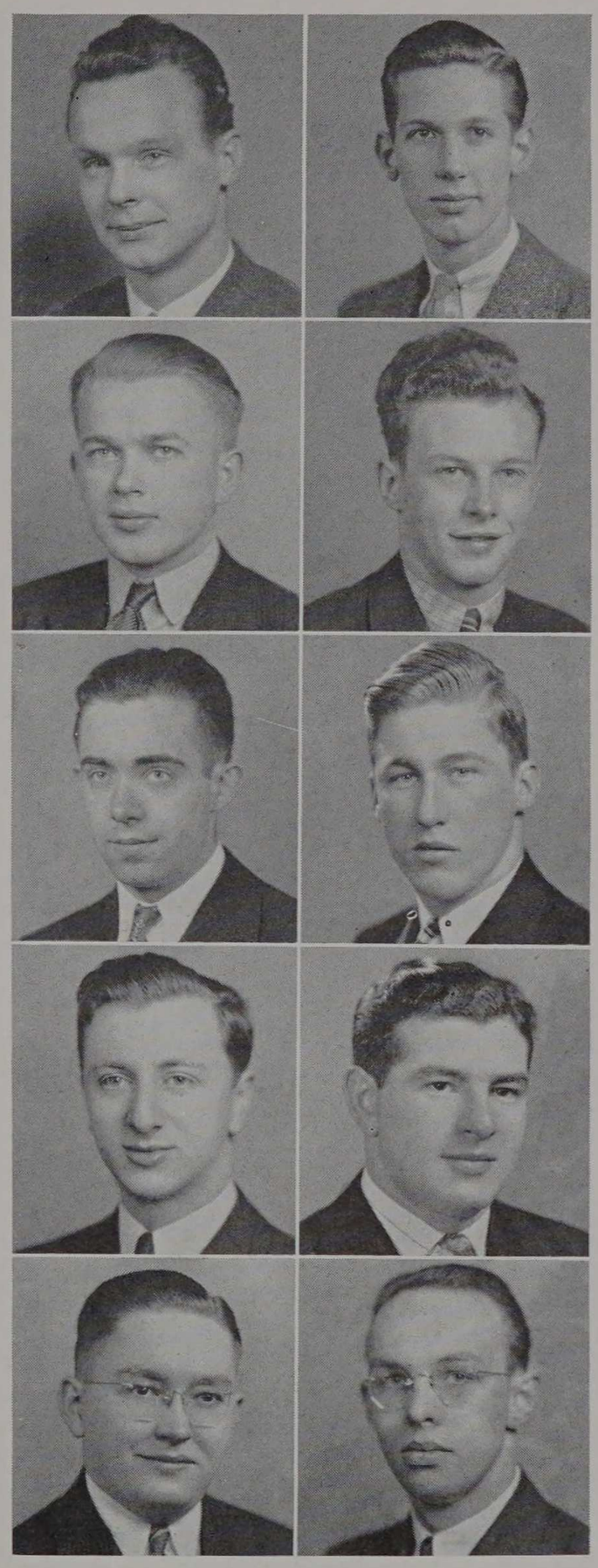
ACTIVE MEMBERS

Hobart Bunce
Jerry Bunce
Clayton DeMent
Judson Doane
Robert Ericson
William Graf
George Hanna
Ernest Harrison
William Haubert
Keith Hoffman
William Horton
Earle Huxhold
Donald Knief
Robert Lange
Clarence Laskowski
Ben Lease
William Manstrom
George Miles
Roger Olson
James Reuter
Paul Sandusky
Jack Shanley
Harry Shaw
Sheldon Stein
James Wideman

In 1938 a group of Armour students representing the social fraternities on the campus conceived the idea of forming an interfraternity society. The purpose of this organization was to establish and promote general good feeling toward co-operation in all fraternity competitions. With these ideals in mind, Beta Omega Nu proceeded to carry out its plans. After a year's trial the officers of the Institute extended permission to form an official interfraternity society, so on January 18, 1939, Beta Omega Nu was granted a charter as a duly recognized organization.

THE COUNCIL

First Semester	Second Semester
Phi Kappa Sigma	
Jack Clark	Robert Lange
Delta Tau Delta	
Donald Sunde	Keith Hoffman
Theta Xi	
Frank Grote	Forrest Wolf
Alpha Sigma Phi	
Richard Larson	Richard Larson
Sigma Alpha Mu	
Robert Kohn	Robert Barrett
Rho Delta Rho	
Leon Epstein	Leon Epstein
Triangle	
Vern Hassell	Vern Hassell
Pi Kappa Phi	
Roy Burman	Robert Maxwell



Clark
Lange

Sunde
Hoffman

Grote
Larson

Kohn
Epstein

Maxwell
Hassell

In 1927 the Interfraternity Council was organized in order to form a close bond between the fraternities. The Council took the place of the loosely organized Interfraternity Rushing Committee, which had attempted to accomplish this aim, without much success. The Interfraternity Council regulates affairs of common interest to the fraternities, including all forms of interfraternity competition, as sports, the fraternity sing, rushing, and scholarship. The president of each recognized fraternity is that fraternity's representative to the Council. It is through this representative that every fraternity has a voice in interfraternity affairs.

Interfraternity Council

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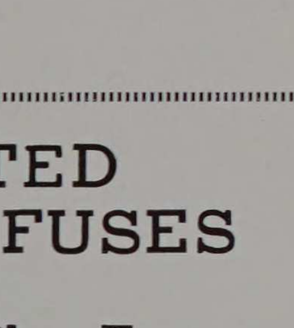

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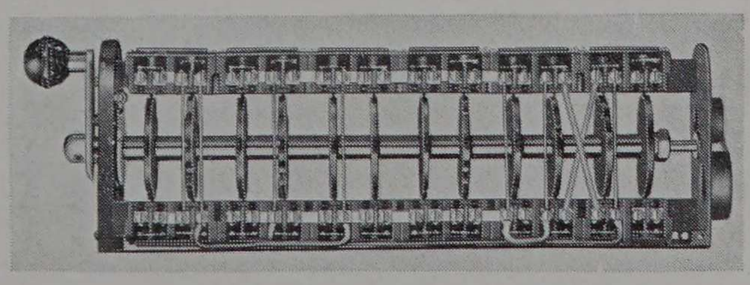


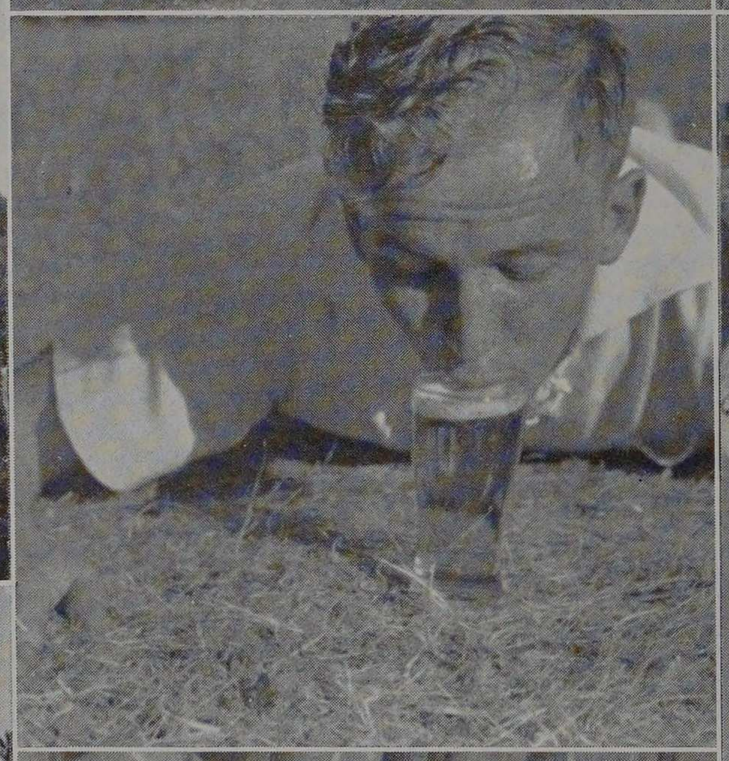
CIVILS



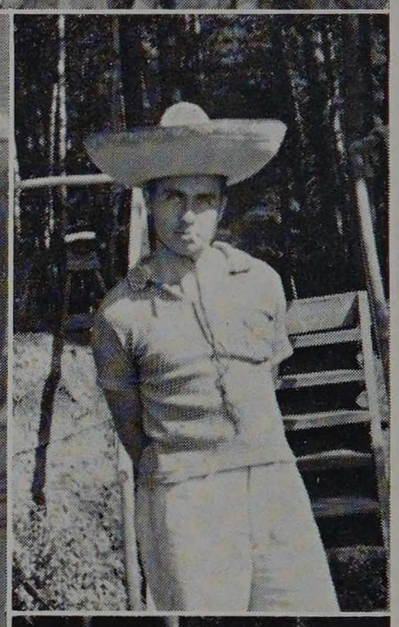


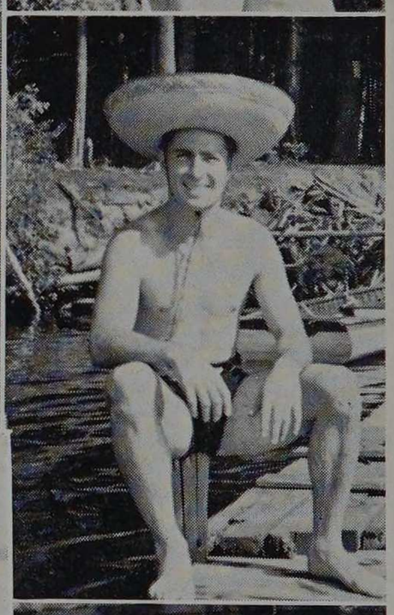


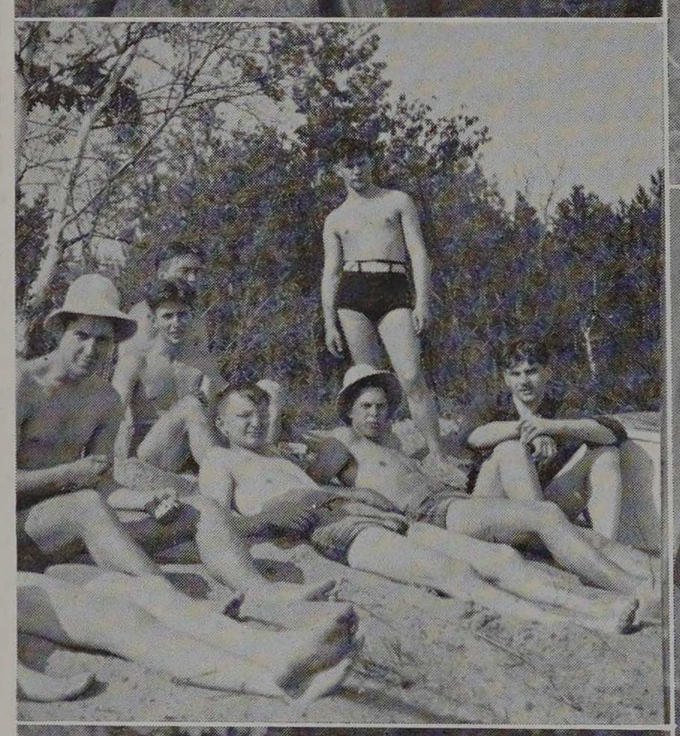






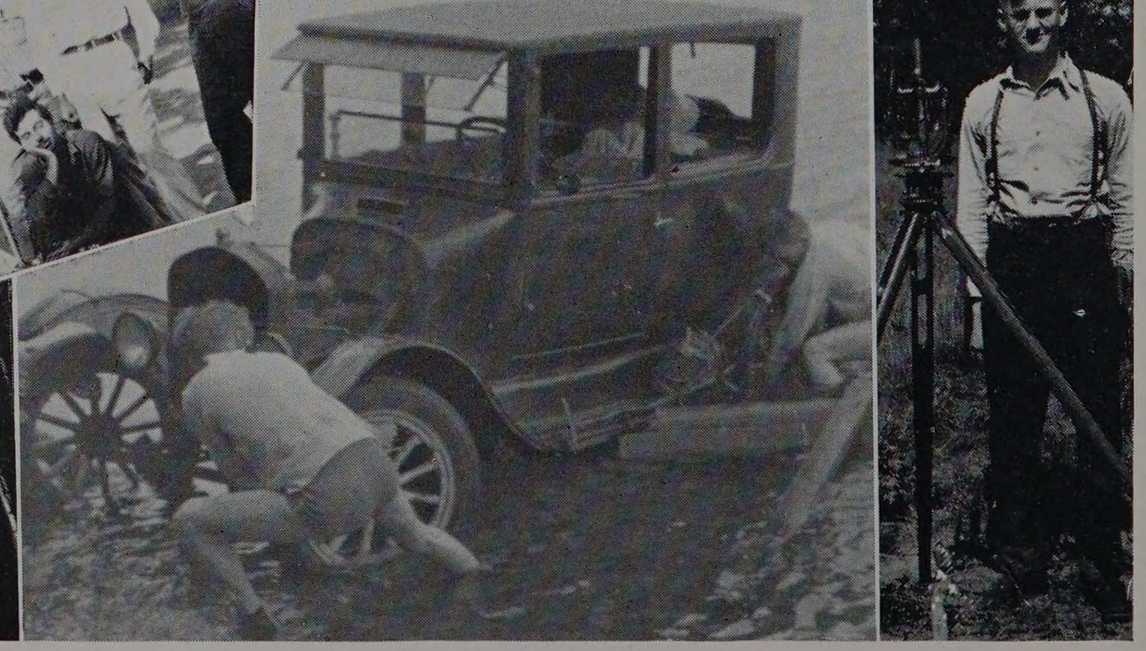


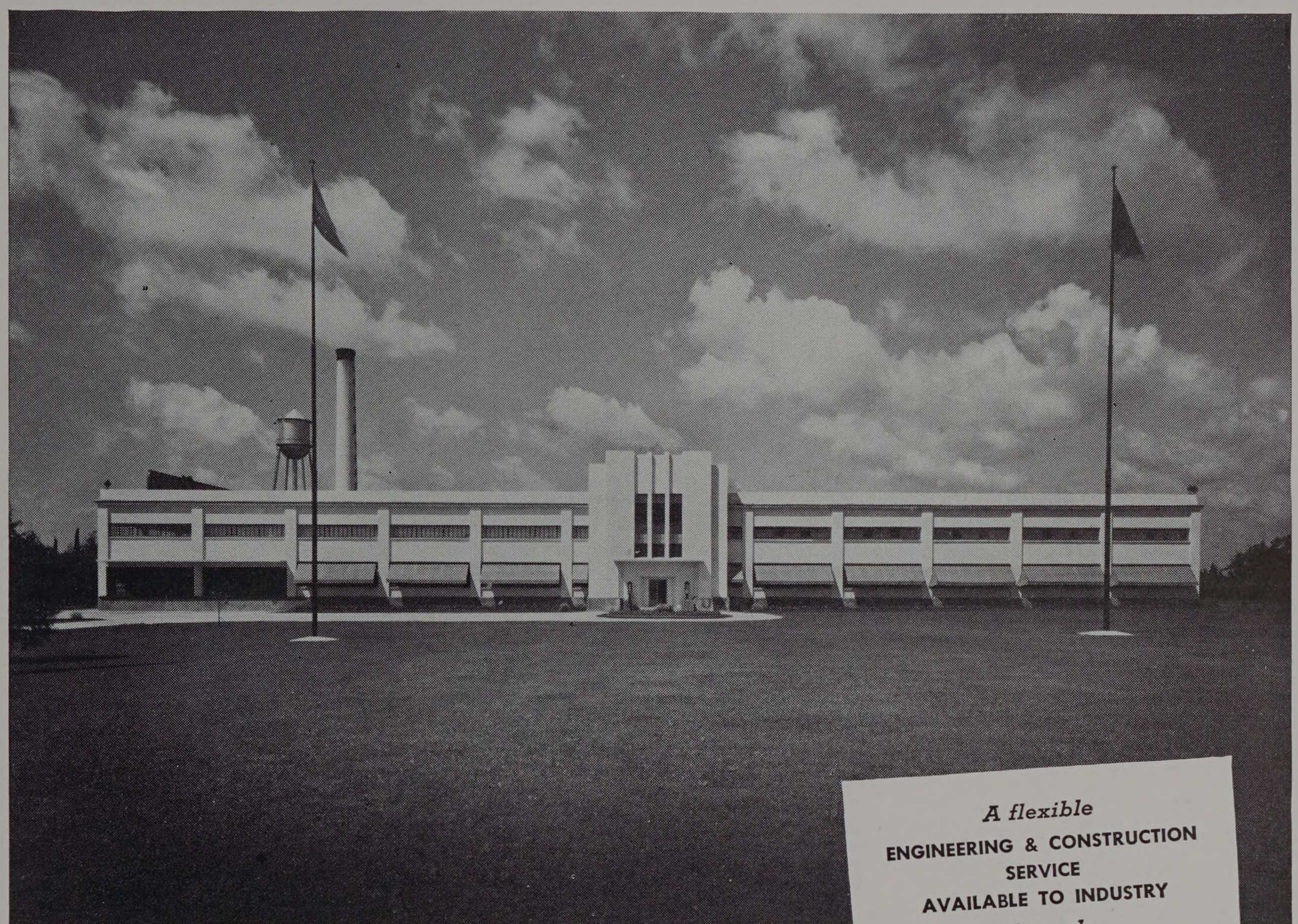












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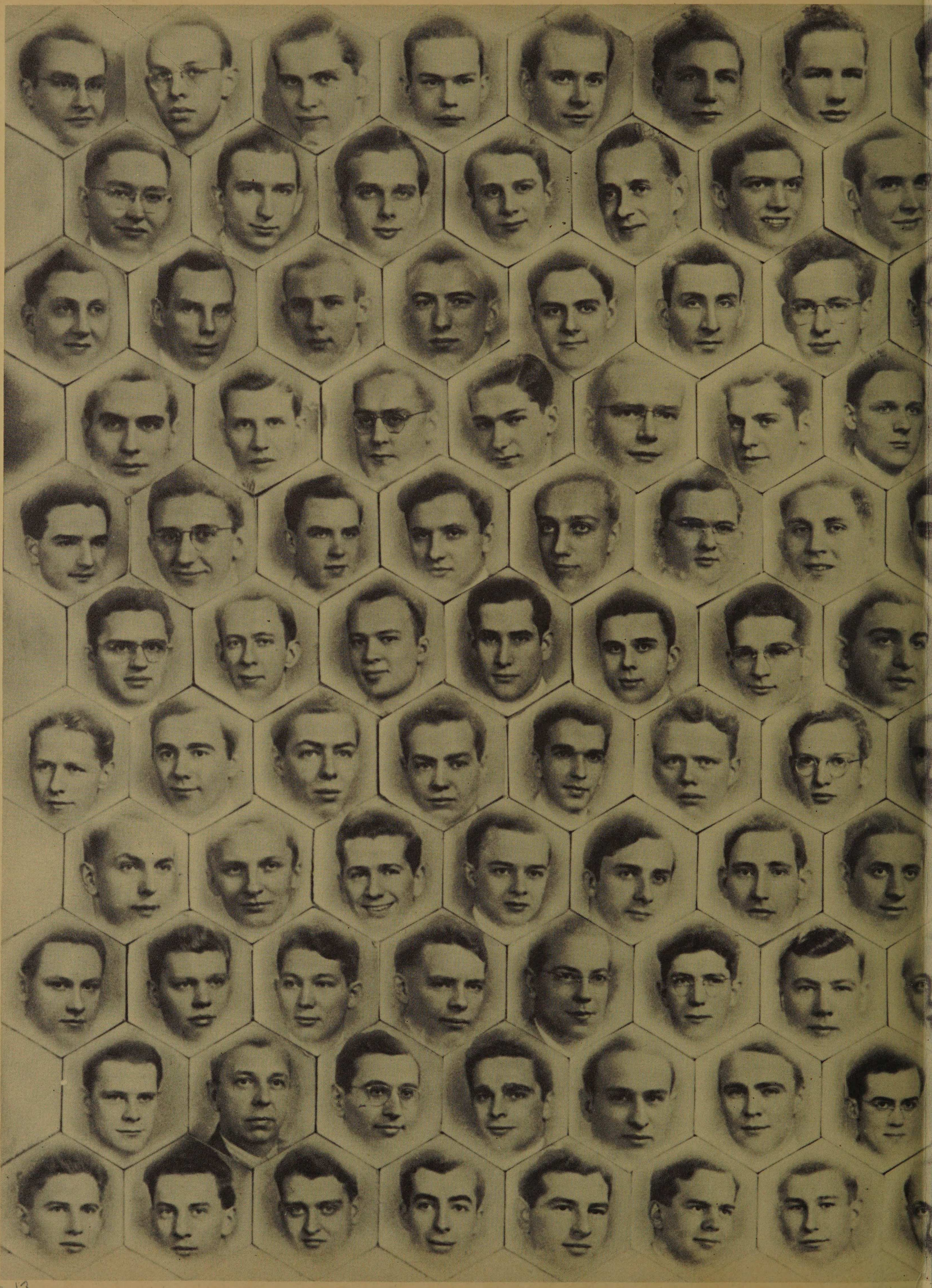

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