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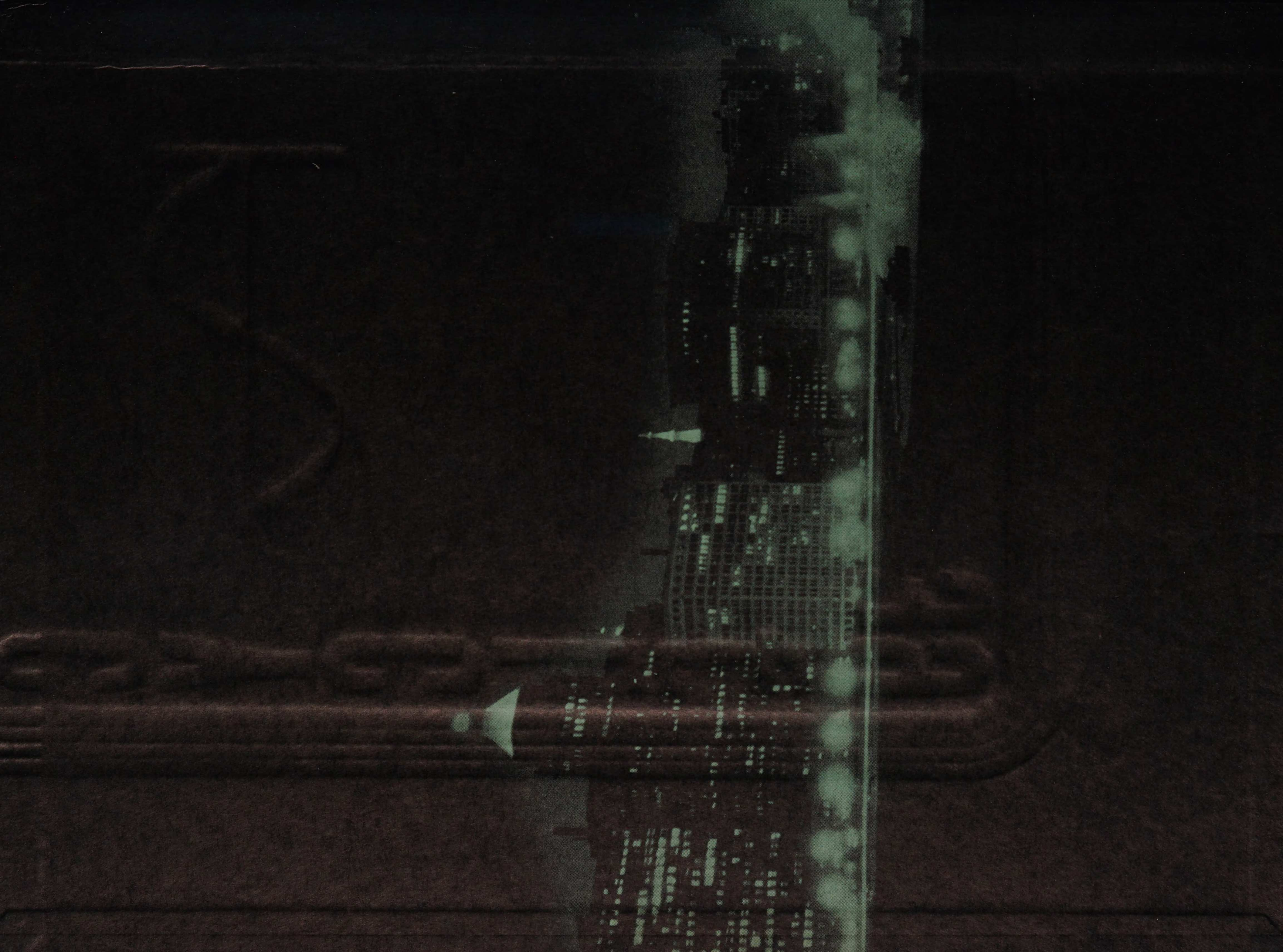




PRESENTED BY THE STUDENTS OF

ARMOUR INSTITUTE OF TECHNOLOGY

CHICAGO, ILLINOIS



Jacobson Rice

THE 1939

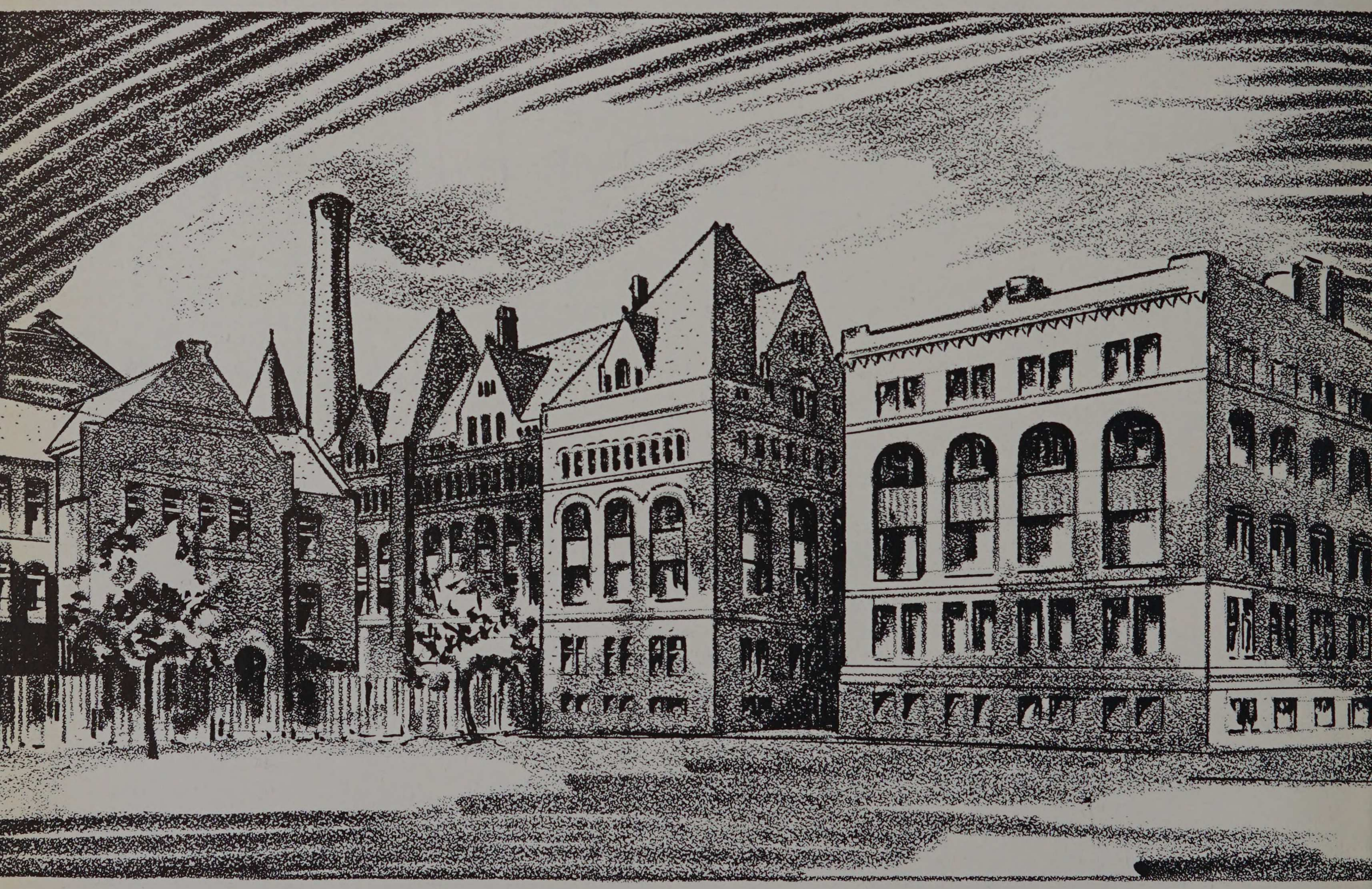
DAN JACOBSON . . . *Editor-in-chief*

CYCLE

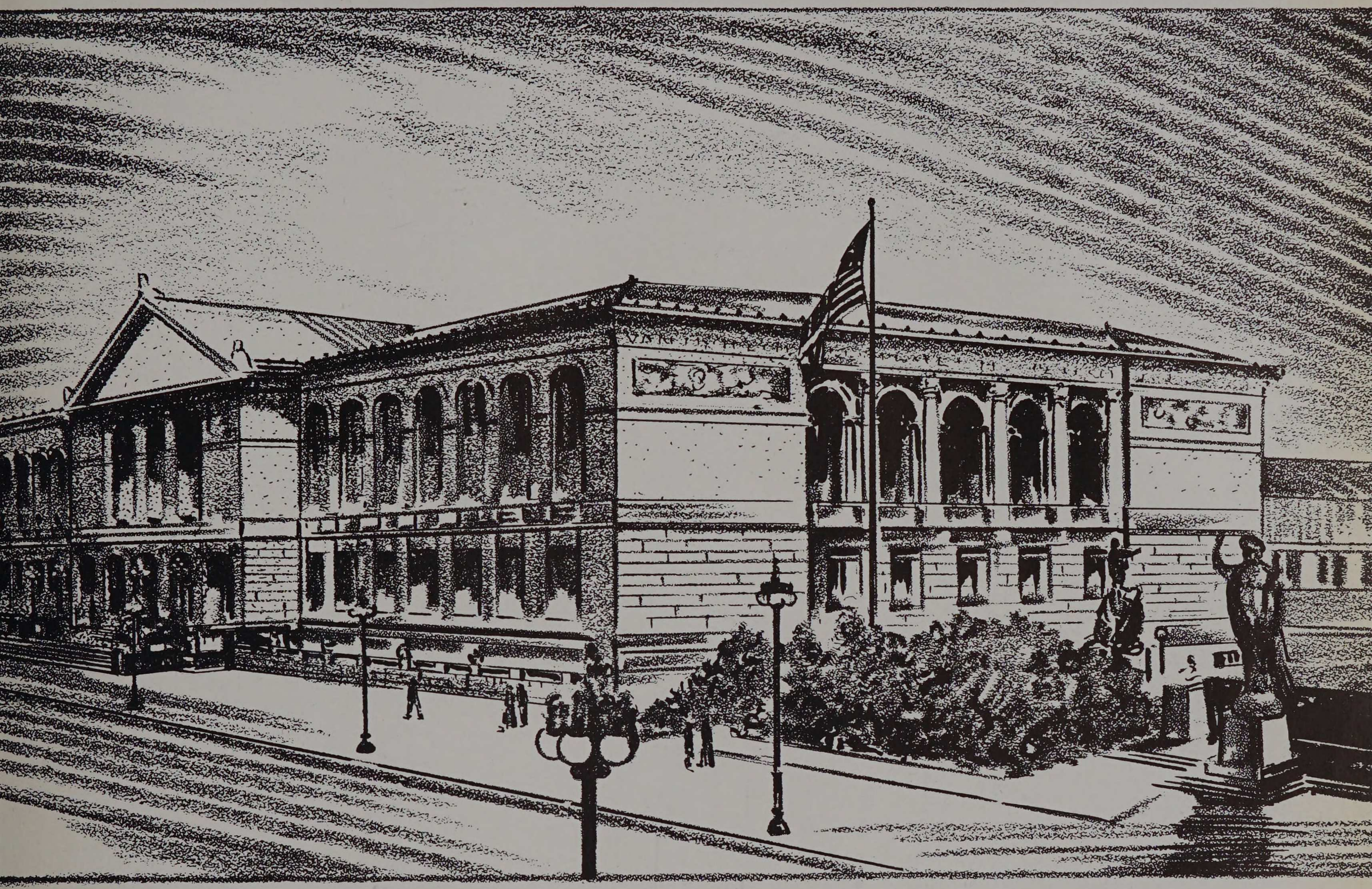
NORMAN RICE . . . *Business Manager*

FOR 1939

A record has been set here at Armour during the school year of 1938-39. It has been a year filled with achievement and material development as far as students, faculty, and administration of Armour Institute are concerned. We have continued to carry out the established high principles of engineering education, but we have also tried to establish new student ideals and higher school standards. The new Student Union is the realization of innumerable dreams and plans born years before the final work was started. Completed this year, it is typical of the pro-



ENGINEERING



ARCHITECTURE

gressive spirit which always exists about Armour. Advancements have been made in research, improvements have been made in the curriculum, and the student enrollment has been greater than ever before.

The staff of the CYCLE of '39 has attempted to assemble a permanent record of the achievements which have been made this year.

It is hoped that this pictorial and editorial description of the year's events and activities will find a preferred place in the library of each and every TECHAWK.



JUNE 8, 1939 . . . A date that will linger with the Class of 1939 for years to come. It was on that day that one hundred and fifty sons of Armour reached a long anticipated finale of four years of study. The forty-third annual commencement was held at the Museum of Science and Industry in Jackson Park, Chicago. This famous building has been one of Chicago's most beautiful examples of fine architecture since the Exposition of 1893, and because it now represents the progressive spirit of modern industry and science, it was deemed proper that the senior class should hold its commencement exercises there.

Graduation day has often been looked upon as a day of parting for old classmates and pals, but we, as engineers, may consider it as merely a transition point which we may jump over together. Engineering is a profession which unifies the men who participate in its development.

The many organizations and activities which the student engineer enters while at college continue to seek his interest after he has begun to establish himself in the engineering world. As graduates of Armour Institute of Technology, many of us will find employment here in the city of our curricular training. Others will go to stations throughout the country, and a few will find that their work leads them to foreign lands. Close together or far apart, we need not allow our alliance to weaken in the slightest degree. The Armour Alumni Association, the Armour Engineer and Alumnus, and the annual CYCLE will each contribute a part to strengthen the ties which have been made during these four years, but each organization needs the support of those who wish to derive the benefits of continued union. Let us all remember that our connection to Armour Tech has only begun, and that our alma mater can continue to help us in obtaining steady advancement. Don't forget Armour Tech and CHICAGO!





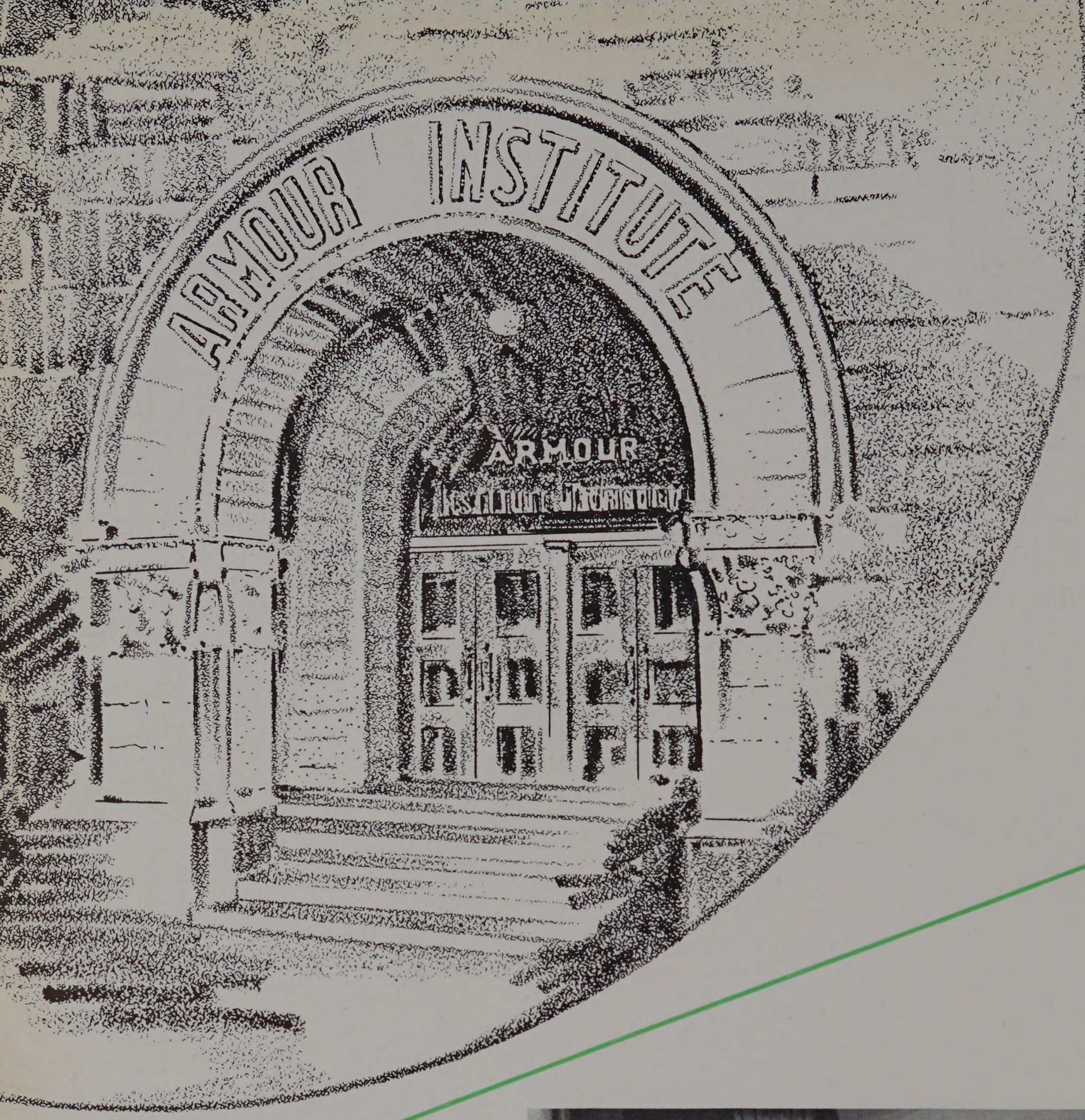
IN RECOGNITION

Scholar, poet, humanist, teacher, aviator, journalist, author, and farmer, Walter Hendricks exemplifies that spirit of diversified and creative activity that has marked superior men. A member of the Institute faculty for seventeen years, now chairman of the Department of Languages and Literature, Professor Hendricks has displayed tremendous energy in his thorough participation in the academic and extra-curricular life of Armour.

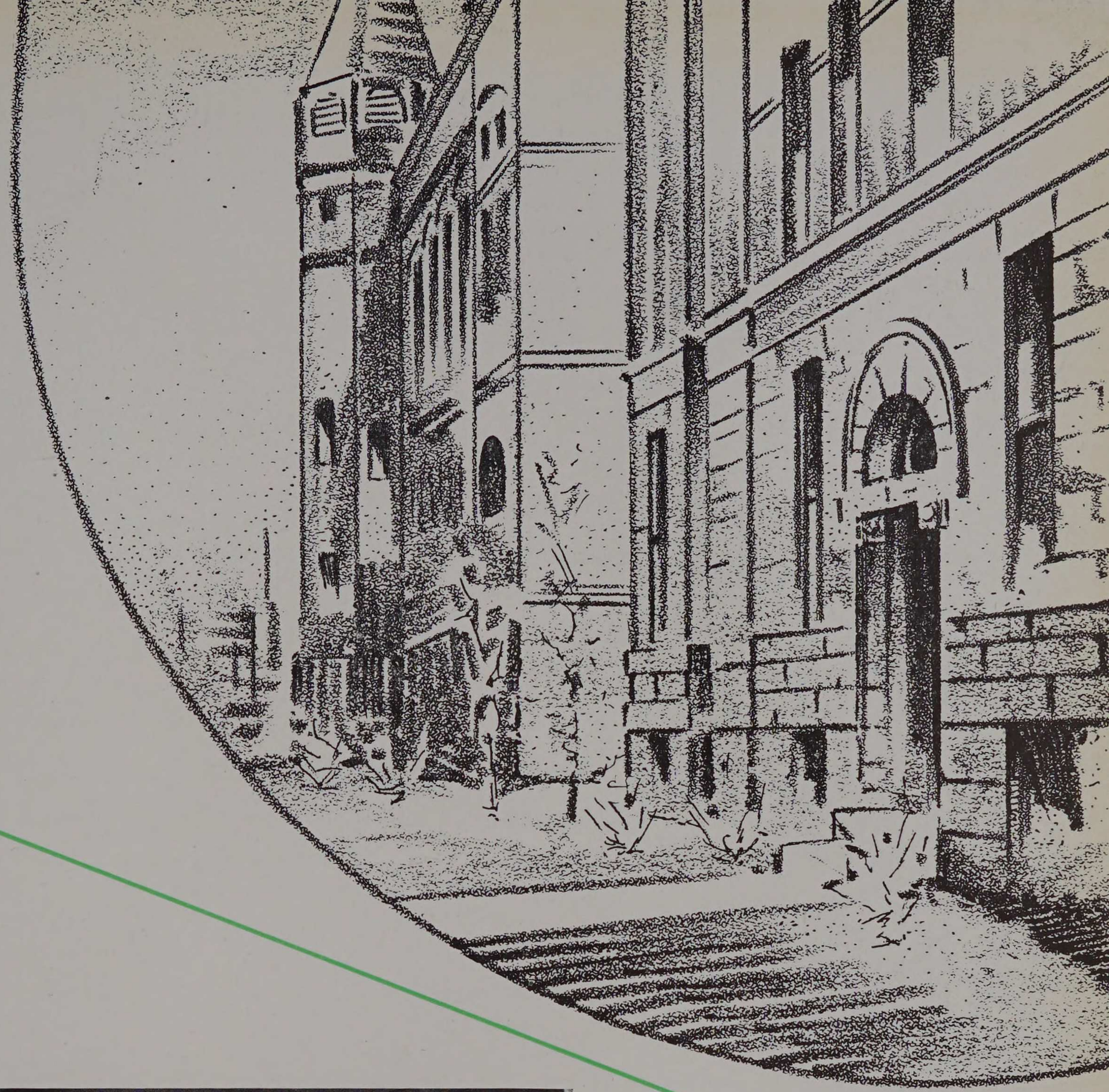
A philosopher and idealist whose greatest interest is life as found in his fellow men, Professor Hendricks has earned the gratitude and respect of the men of Armour who have contacted him within the classroom and off campus. Optimistic and good natured, he fills his lectures and his writings with a spirit of liberality and truth. His emphasis on the arts and their importance in living is reflected in his own philosophy of life which sees good in everything as evidenced in his keen interest of each student and his individual problem.

One of his principal responsibilities at Armour is the directorship of the student and Institute publications, including the Cycle, Armour Tech News, and Engineer. He has devoted considerable time and effort toward the editorial administration of these representative publications. Their repeated excellence and originality are in large part due to his inspiring leadership. Each semester he somehow finds time to teach a course in social philosophy, poetry, or drama at the request of interested students. This is in addition to his regular program of instruction. His summers are spent on his six hundred acre Vermont farm with his family, where he turns to exhaustive reading and the agrarian life.

In recognition of the inestimable services which Professor Walter Hendricks has rendered to the Institute and to his fellow men, this publication is dedicated.



The Student Lounge,
Student Union Building





PRESIDENT H. T. HEALD

The recent incorporation of a number of additional activities at Armour, with the enlargement of the physical plant, has given Tech a new spirit. Personifying that spirit is her youthful and vigorous President, Henry Townley Heald. Not yet thirty-five, President Heald is already a recognized leader in the field of engineering education in the United States.

President Heald has been associated with Armour since 1927 when he made appearance on campus as Associate Professor in the department of Civil Engineering. In '33 he was named Dean of Freshmen, and in the following year was given the difficult but interesting position of Dean of the Undergraduate College. He has been president of the Institute since the spring of 1938.

The rapid advancement of President Heald at Armour is accreditable to his energy and enthusiasm, guided by a remarkable friendliness and likeable personality. His election to presidency of the Institute was an honor and a benefit to the school and the man, but it was a regretful undergraduate body that saw a dean who had gained the trust and confidence of every student moved to a position where it was impossible for him to carry on the contact enjoyed previously. A man of few words but intensive activity, President Heald is engaged in carrying on the extensive expansion program at Armour.

A college president in every sense of the word, Tech is proud of her Henry Townley Heald, and sees under his capable leadership a growing institution with an ever broadening view on education.





DEAN C. A. TIBBALS

Deans may be viewed with alarm and derision in most colleges the country over, but at Armour it is a definite exception. There isn't a more genial, even-tempered, likeable and capable dean than Dr. Charles Austin Tibbals. Patient and tolerant, ambitious and industrious, Dean Tibbals opens his office to all, devoting his full time and energies to the solution of problems confronting the student and the faculty as well. His unflinching fairness, combined with a frankness in search of truth, inspires confidence and trust which is well founded.

Coming to Tech in her infancy, Dr. Tibbals has grown with her from rank of instructor in chemistry to Dean of the Undergraduate College. His is the highly interesting but extremely demanding task of being dad to a thousand young men. To him they turn for succor and advice, in him they find aid and counsel. His office to the left of the main entrance is patronized by all, especially those in trouble. His inexhaustive supply of patience and tolerance, born from an understanding of the difficulties common to college men, has admirably fitted him to the job of mediator and advisor.

The activities of the dean being more than enough for several men, Dr. Tibbals was forced to discontinue his famous freshman chemistry lecture now known only to the upperclassmen. However, he still teaches one of his early courses in the chemical engineering curriculum.

The merry twinkle in his eye and the intriguing fascination of his well attended mustache are characteristic of the unique individuality of Tech's own Dean Tibbals. He can inspire only pride and admiration from the students about him who realize that he has in a great measure been responsible for the growth and progress of Armour as a college training good engineers.

ARMOUR INSTITUTE



H. P. DUTTON, DEAN

EVENING DIVISION

STUDENT OFFICERS OF THE "NIGHTHAWKS"

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Attendance at the evening classes at the Institute last year was nearly double that of any previous year. Registration for the current semester, while below last year's, is still far in advance of any other year. This growth shows that the program of development of the Institute is not limited to any one activity.

But the increase also indicates a growing realization of the fact that, for the man who aspires to the responsibilities of leadership, education for this changing, competitive world really only commences with "commencement."

The Evening Division is steadily increasing the scope of its services to technical, industrial and architectural Chicago; witness the various extension courses and conferences successfully given in the past two years.

We are not forgetting the needs of our own graduates. Armour men can, in the Evening Division, further qualify themselves for the business and administrative phases of their work and for technical requirements unforeseen in college. Or they can go on to advanced study in the fields of their interests, under a distinguished faculty. We want our alumni to find at the Institute a continuing stimulus and aid to advancement, intellectual as well as material.

H. P. DUTTON,
Dean of the Evening Division.



9 P. M. at Armour



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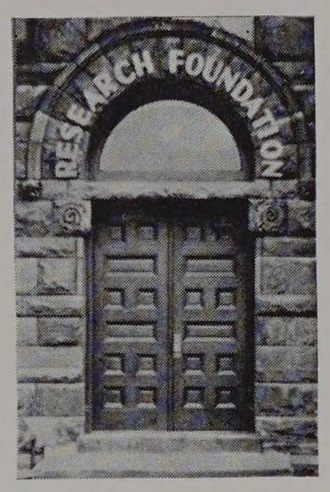

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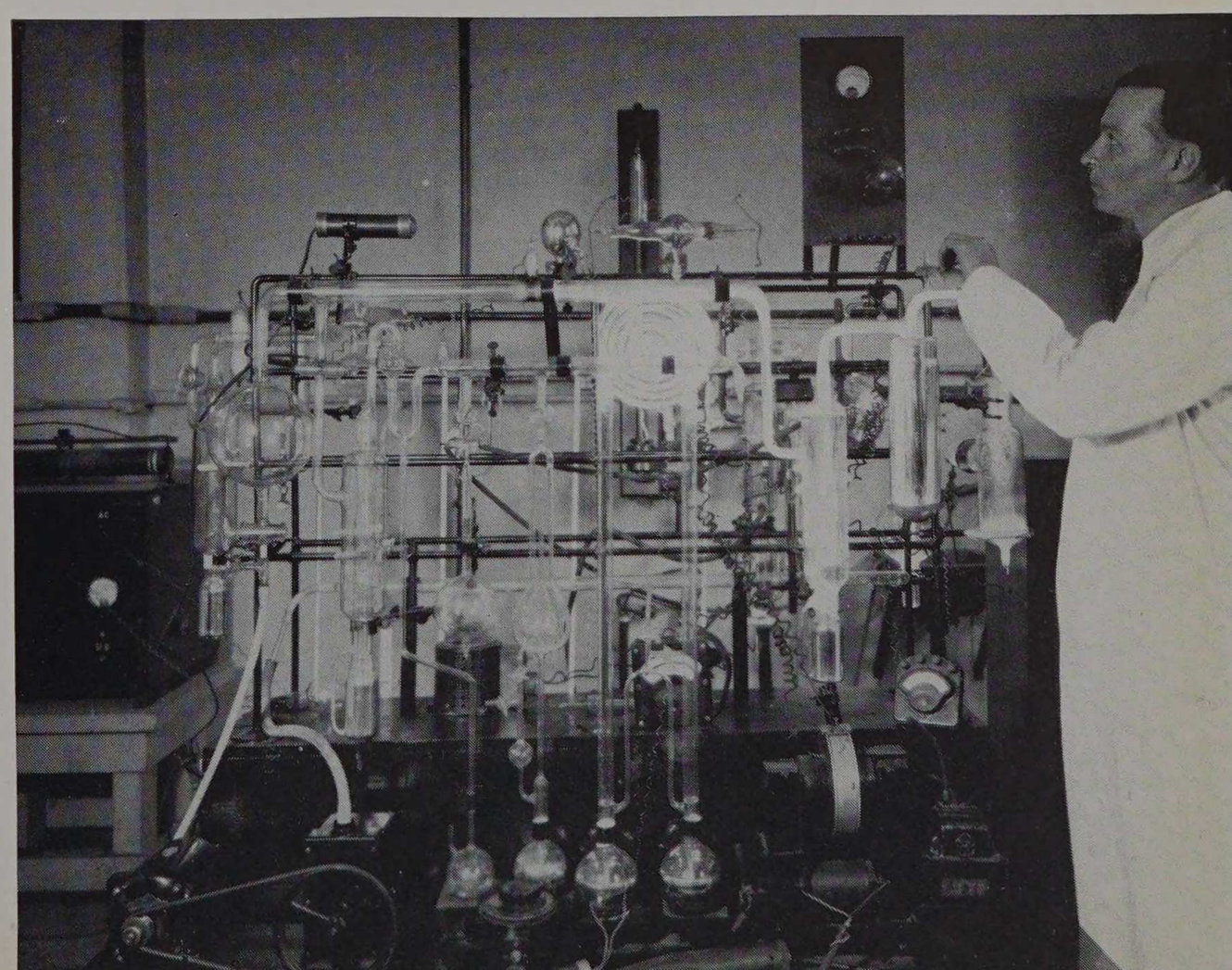



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FORTY-SECOND ANNUAL COMMENCEMENT

COMMENCEMENT EXERCISES

Auditorium of the Museum of Science and Industry

June Ninth, Nineteen Hundred Thirty-eight

Invocation by the Chaplain, Dr. George Lawrence Scherger

Commencement Address by Lawrence Wilkerson Wallace, D.S., M.E., D.Eng.

Director of Engineering and Research, Crane Company

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Otto Zmeskal

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FOR THE DEGREE OF FIRE PROTECTION ENGINEER

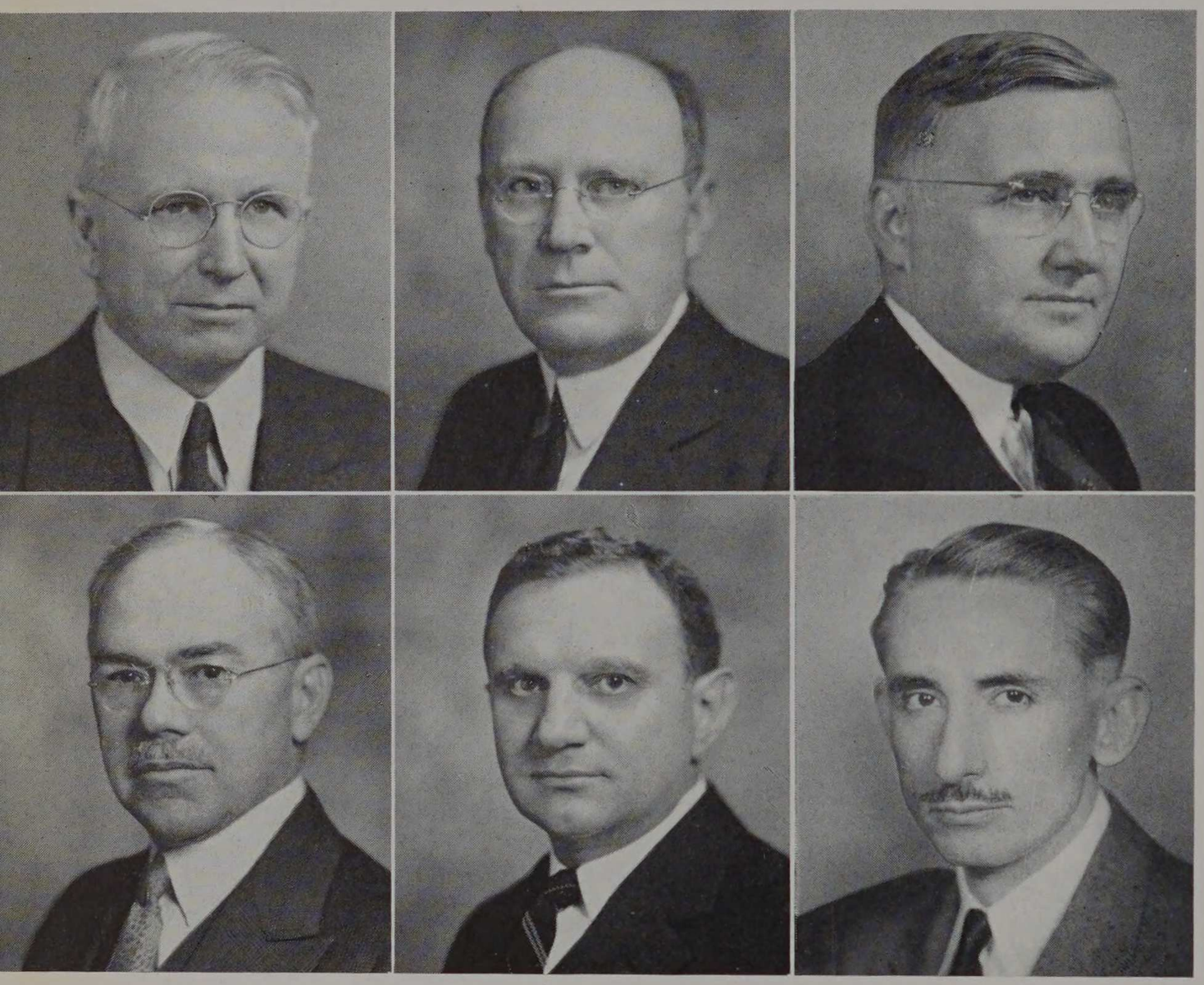
Clarence William Price

FOR THE DEGREE OF MECHANICAL ENGINEER

Albert Herman Winkler

[One Hundred and Fifty Degrees of Bachelor of Science Were Conferred]

DEPARTMENTAL DIREC



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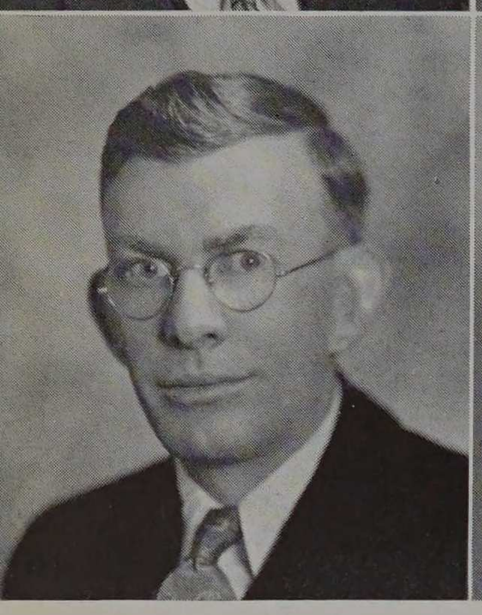

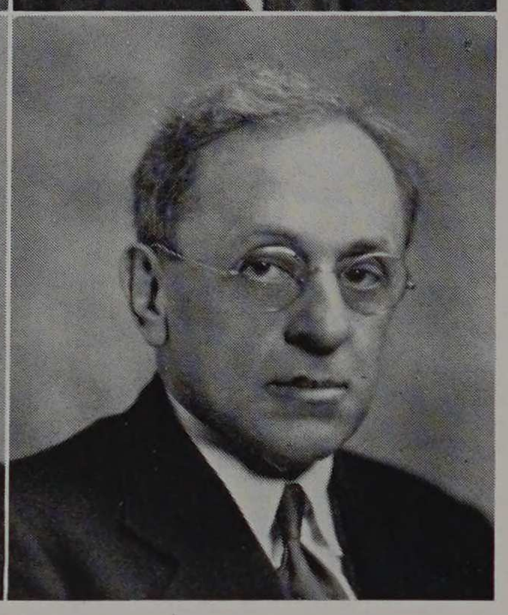

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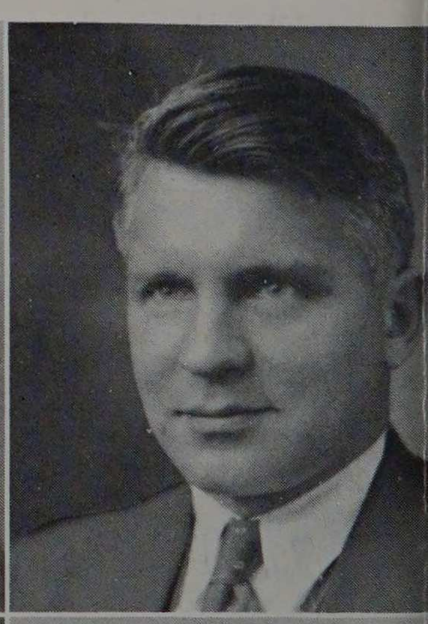
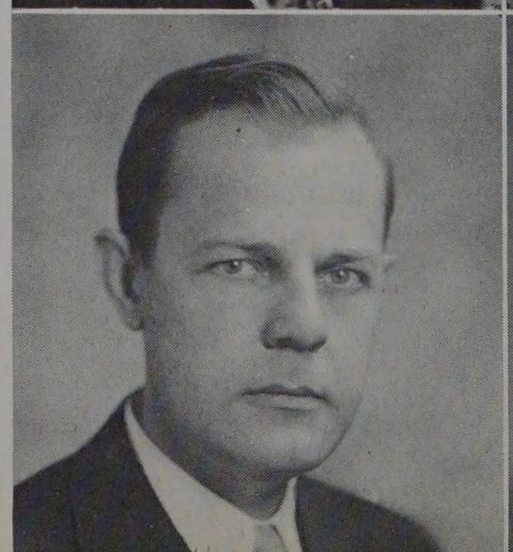
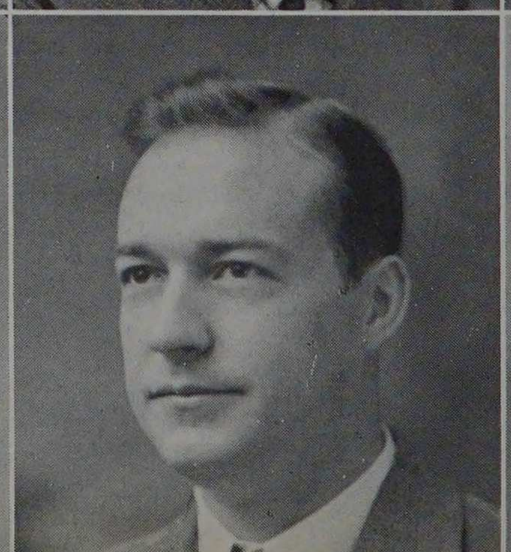


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CLAYTON O. DOHRENWEND (On Leave)

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CHARLES H. DORNBUSCH

Associate Professor of Architecture
(No biography)

HERBERT ENSZ

Associate Professor of Civil Engineering
B.S. and C.E. University of Colorado
Chi Epsilon

PATRICK J. FITZPATRICK

Research Asst. in Heat Transfer
B.S. Notre Dame University

ERNEST FREIREICH

Instructor in Chemical Engineering
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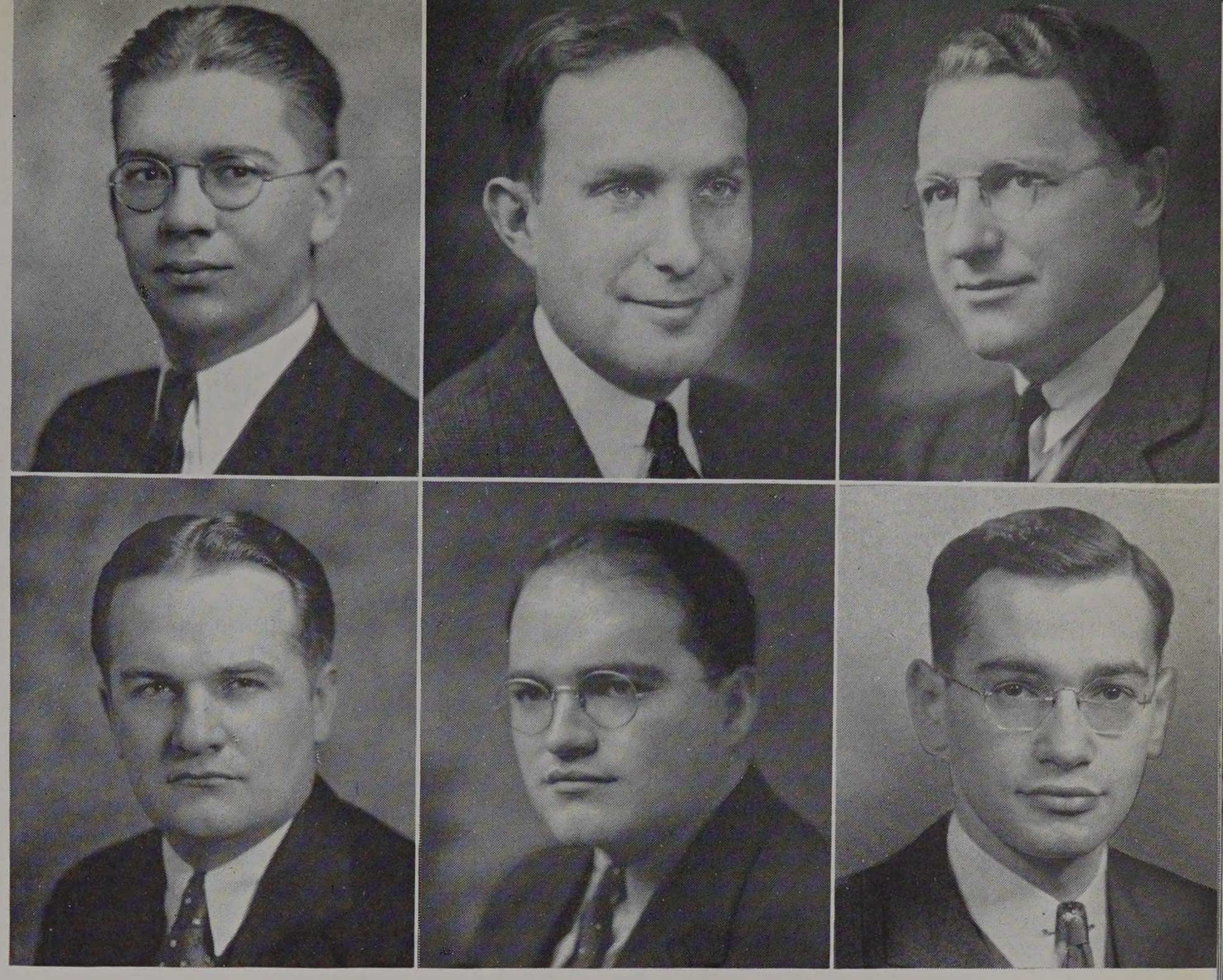

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M.A. Southern Methodist University
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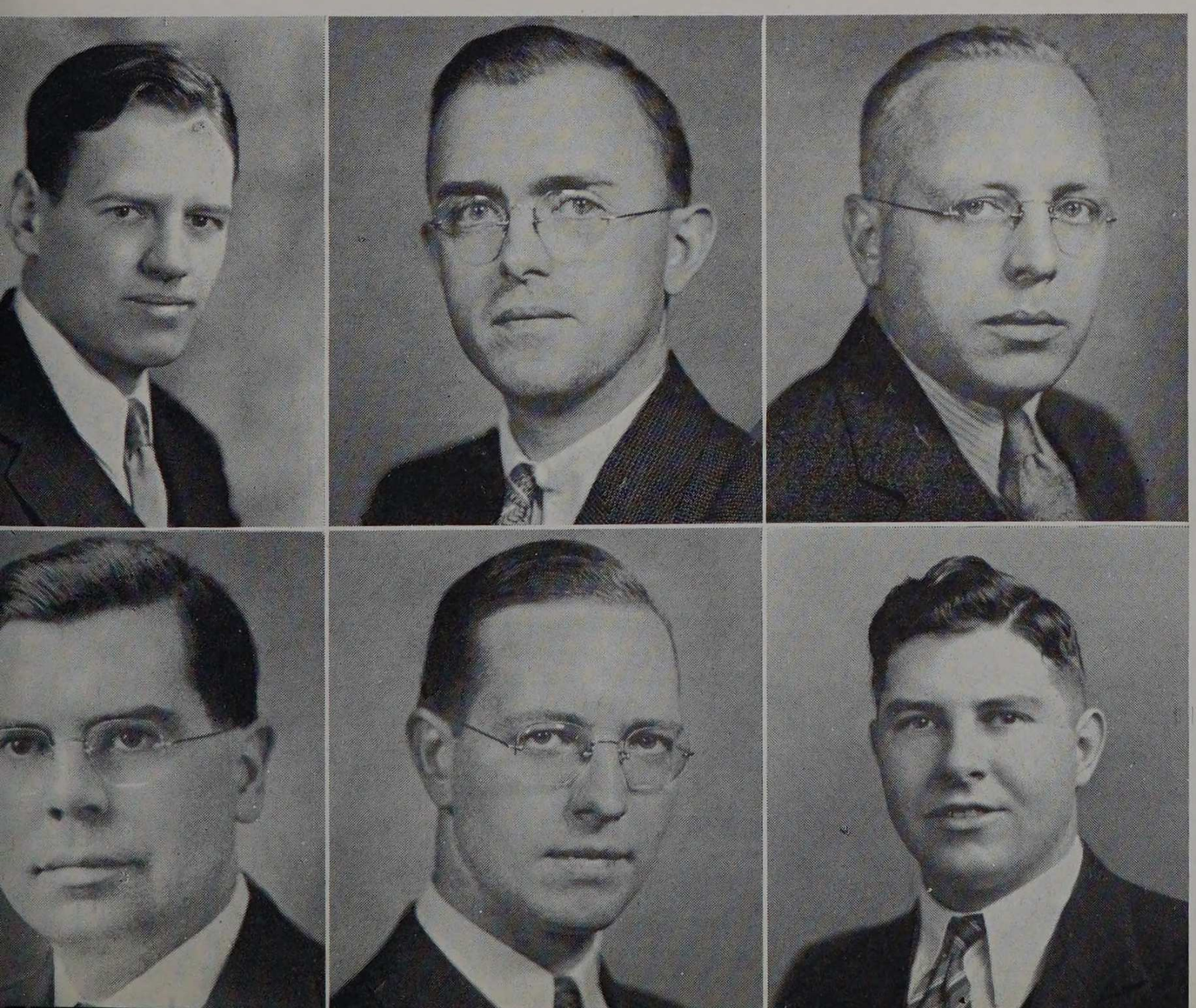

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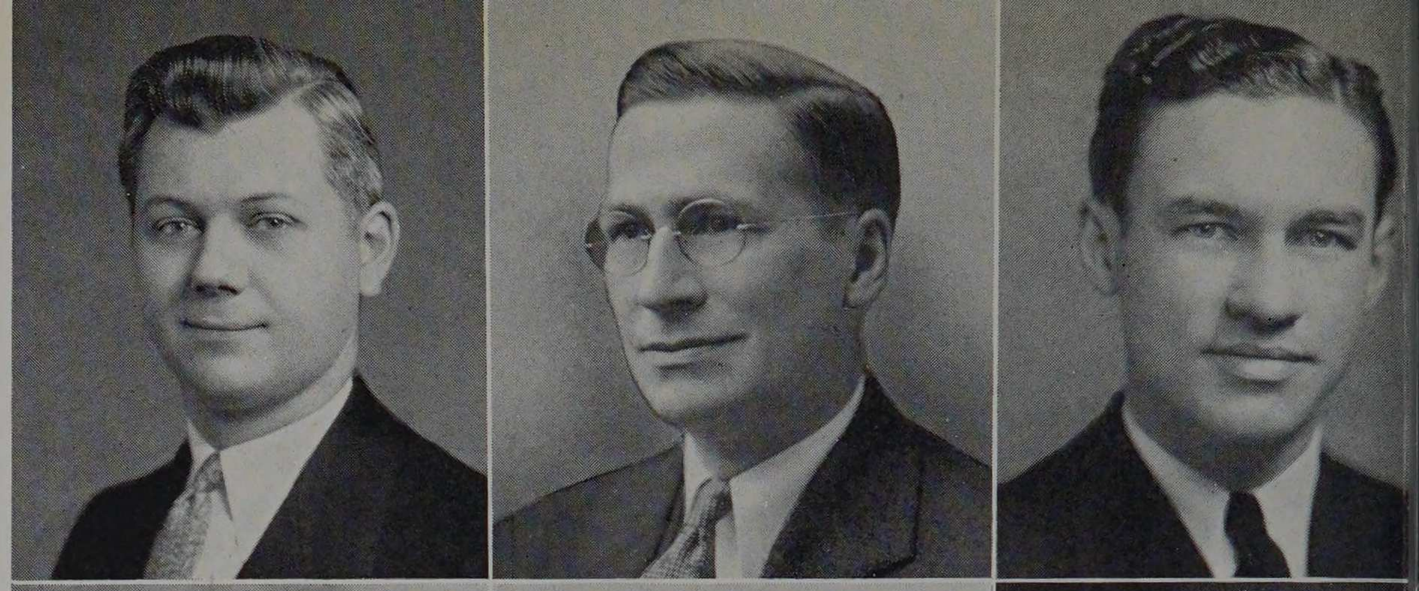
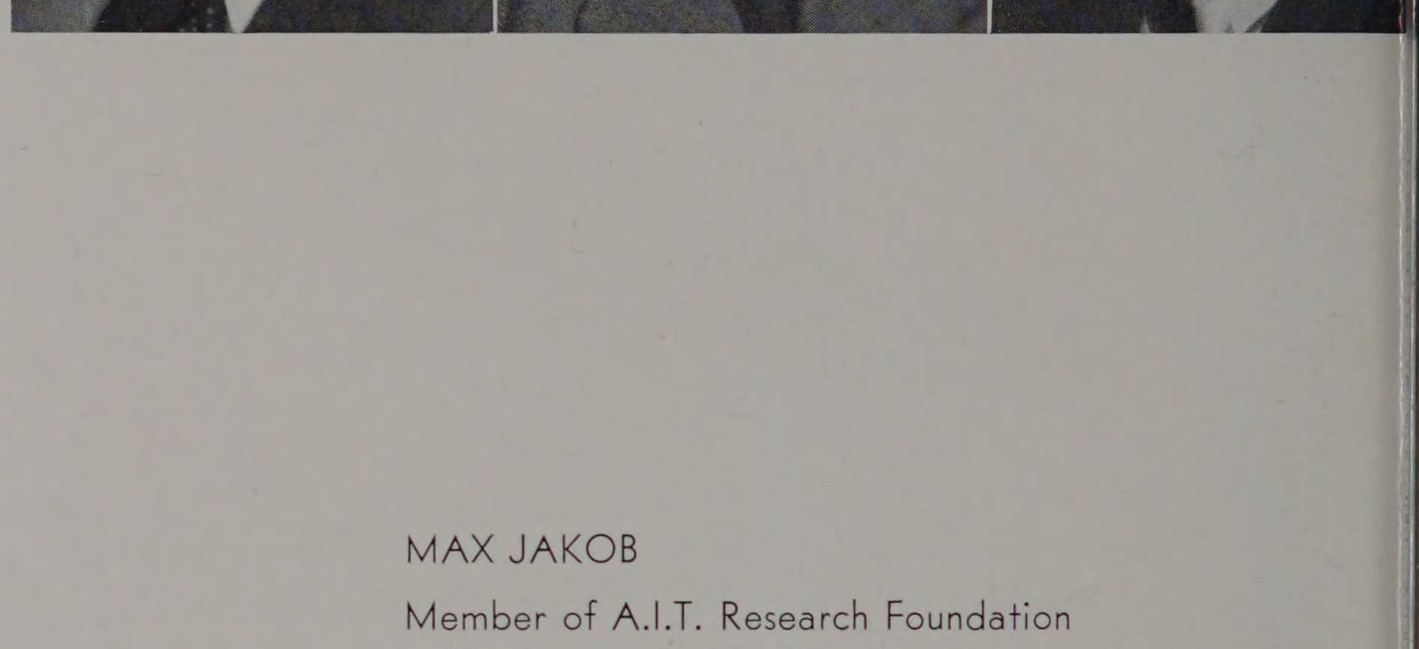
Assistant in Human Engineering
A.B. Dartmouth College





MAX JAKOB

Member of A.I.T. Research Foundation
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EARLE LEWIS KENT (On Leave)

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VASILI ILYICH KOMAREWSKY

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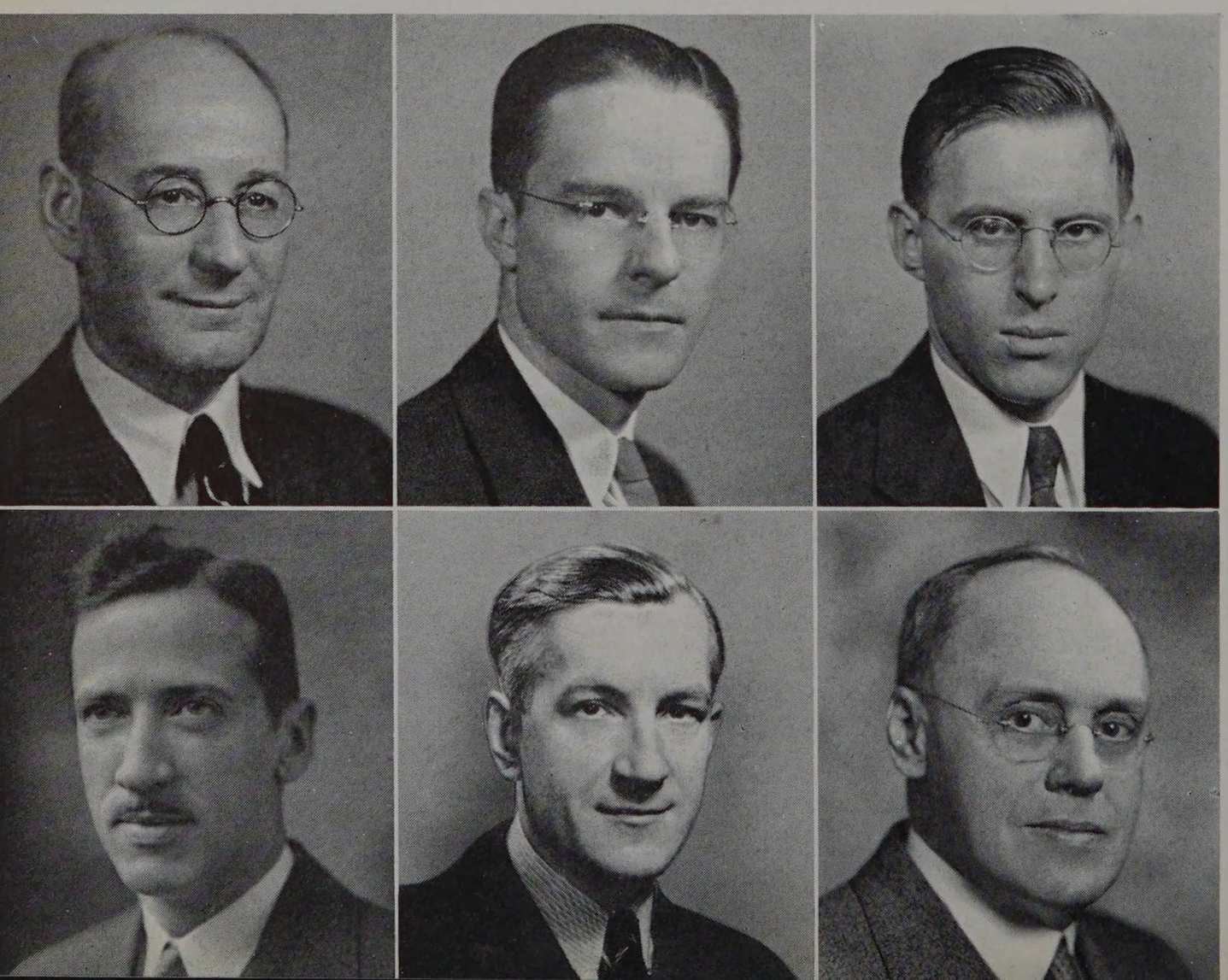
Ch.Dr. University of Moscow, Russia

WILLIAM CHARLES KRATHWOHL

Professor of Mathematics
A.B. Harvard College
M.A. Columbia University
Ph.D. University of Chicago
Phi Kappa Delta





ALBERT H. KREHBIEL

Professor of Freehand Drawing and Water Color

JOHN D. LARKIN

Associate Professor of Political Science
A.B. Berea College
A.M. University of Chicago
Ph.D. Harvard University

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Tau Beta Pi, Pi Tau Sigma

JOHN FREDERIC MANGOLD

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B.E. and C.E. University of Iowa
Sphinx, Pi Kappa Phi

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M.S. University of Illinois
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Phi Lambda Upsilon

RALPH MANSFIELD

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WILLIAM J. McLARNEY

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Theta Tau

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M.D. Loyola University
Sr. Attending Mercy Hospital
Assistant Professor of Medicine at Loyola University
Kappa Psi

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B.A., Ph.D. Yale University

ALFRED L. MELL

Instructor in Architectural Design
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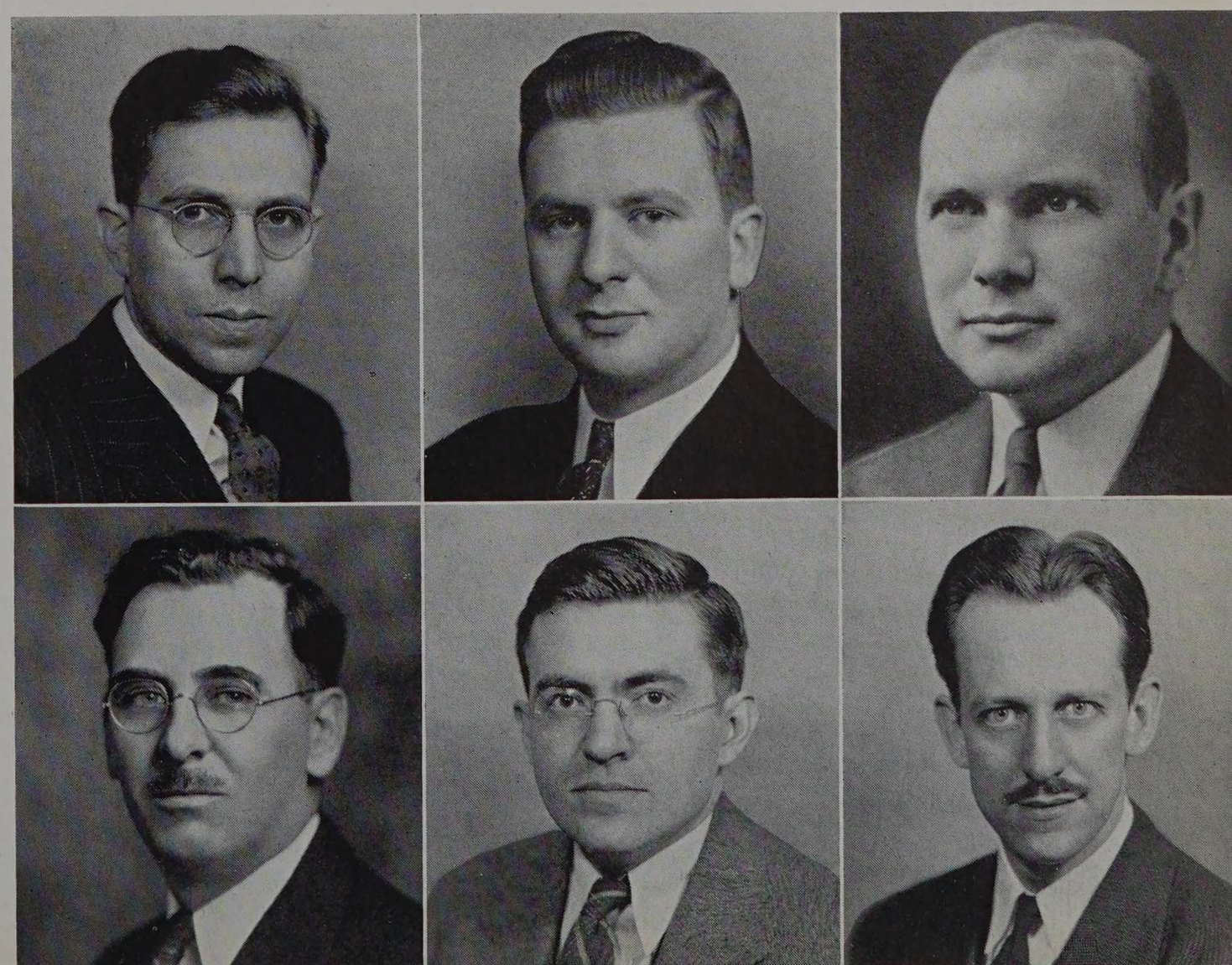
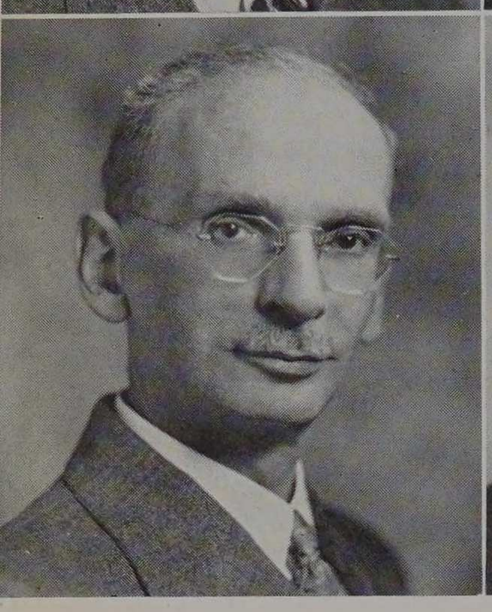
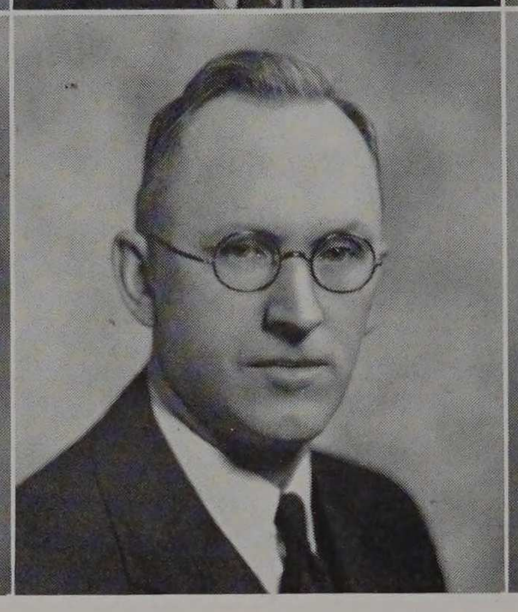
Scarab, Delta Tau Delta






RUFUS OLDENBURGER

Assistant Professor of Mathematics
A.B., M.S. and Ph.D. University of Chicago, Lewis Institute, University of Michigan
Eta Sigma Phi, Sigma Xi, Phi Beta Kappa

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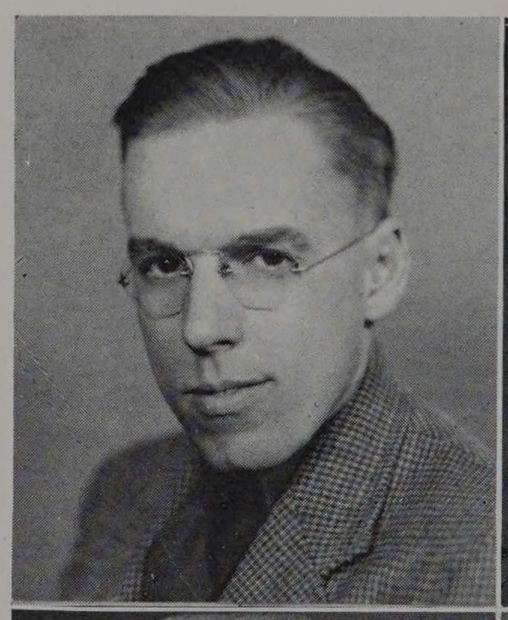
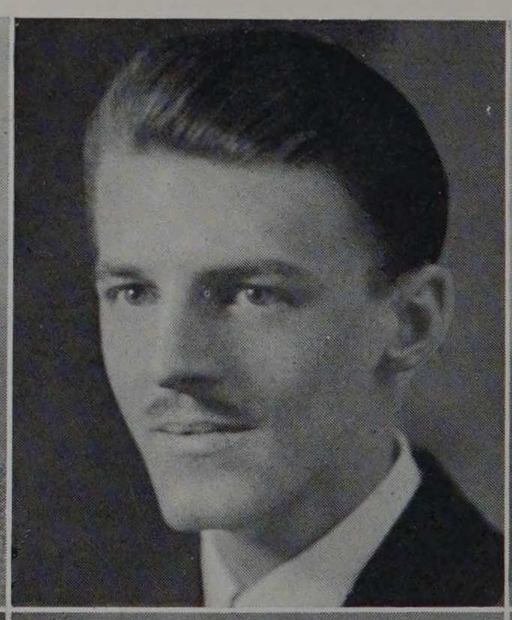

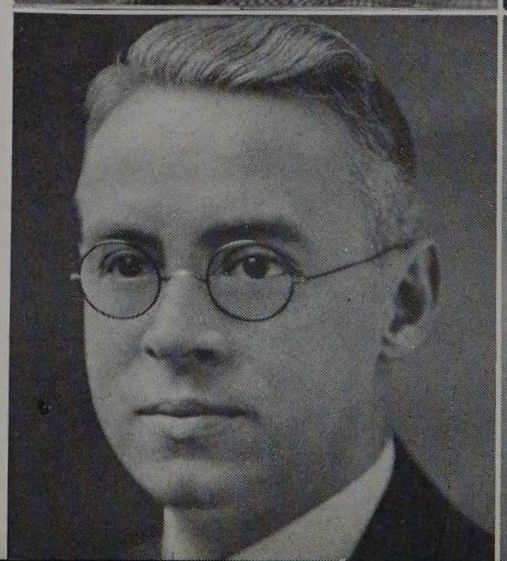
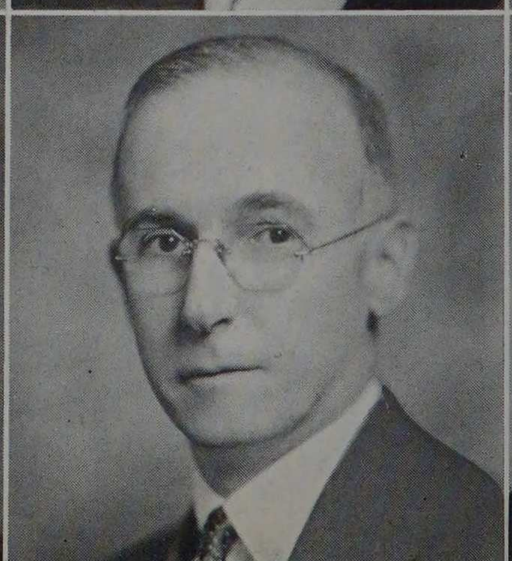


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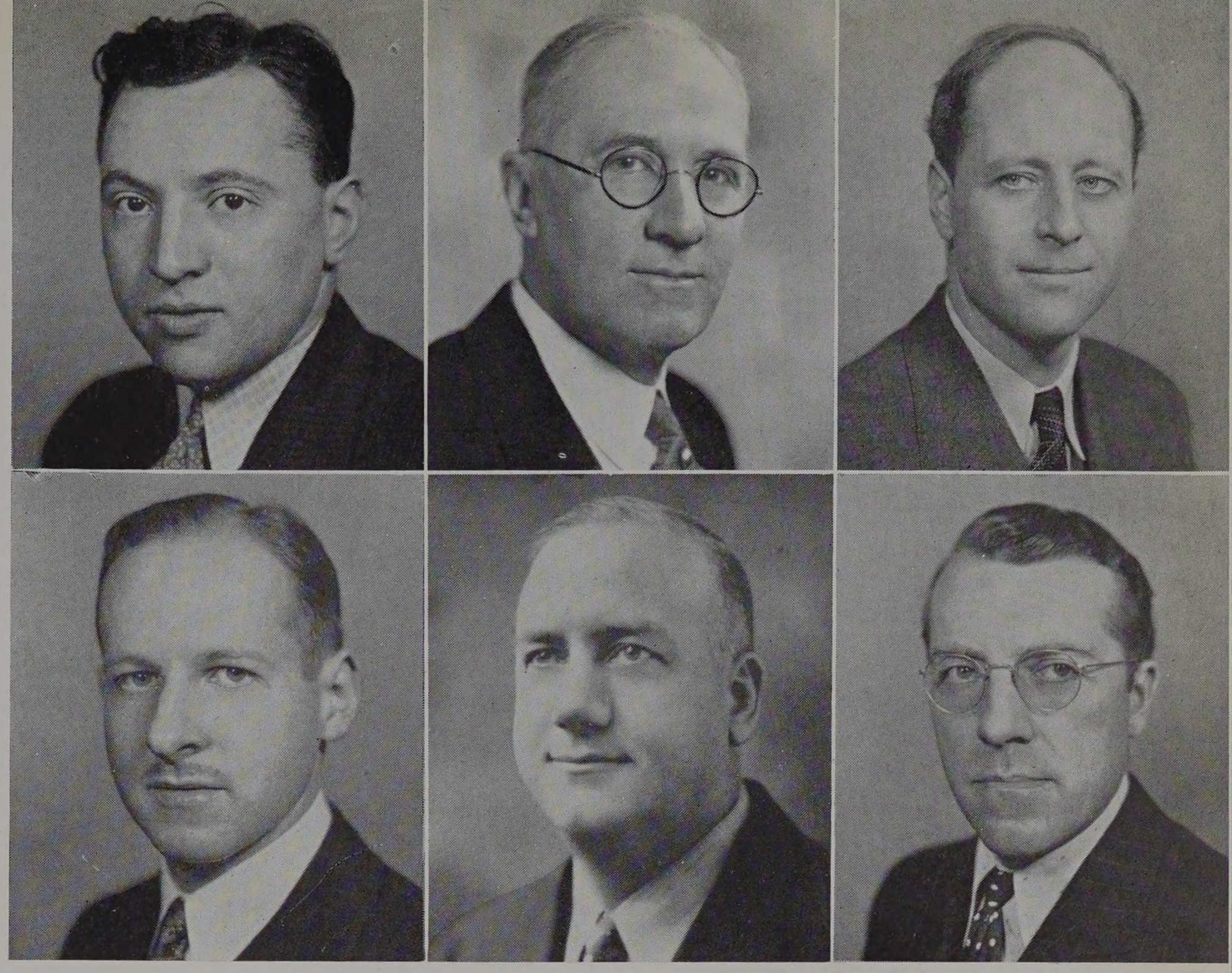

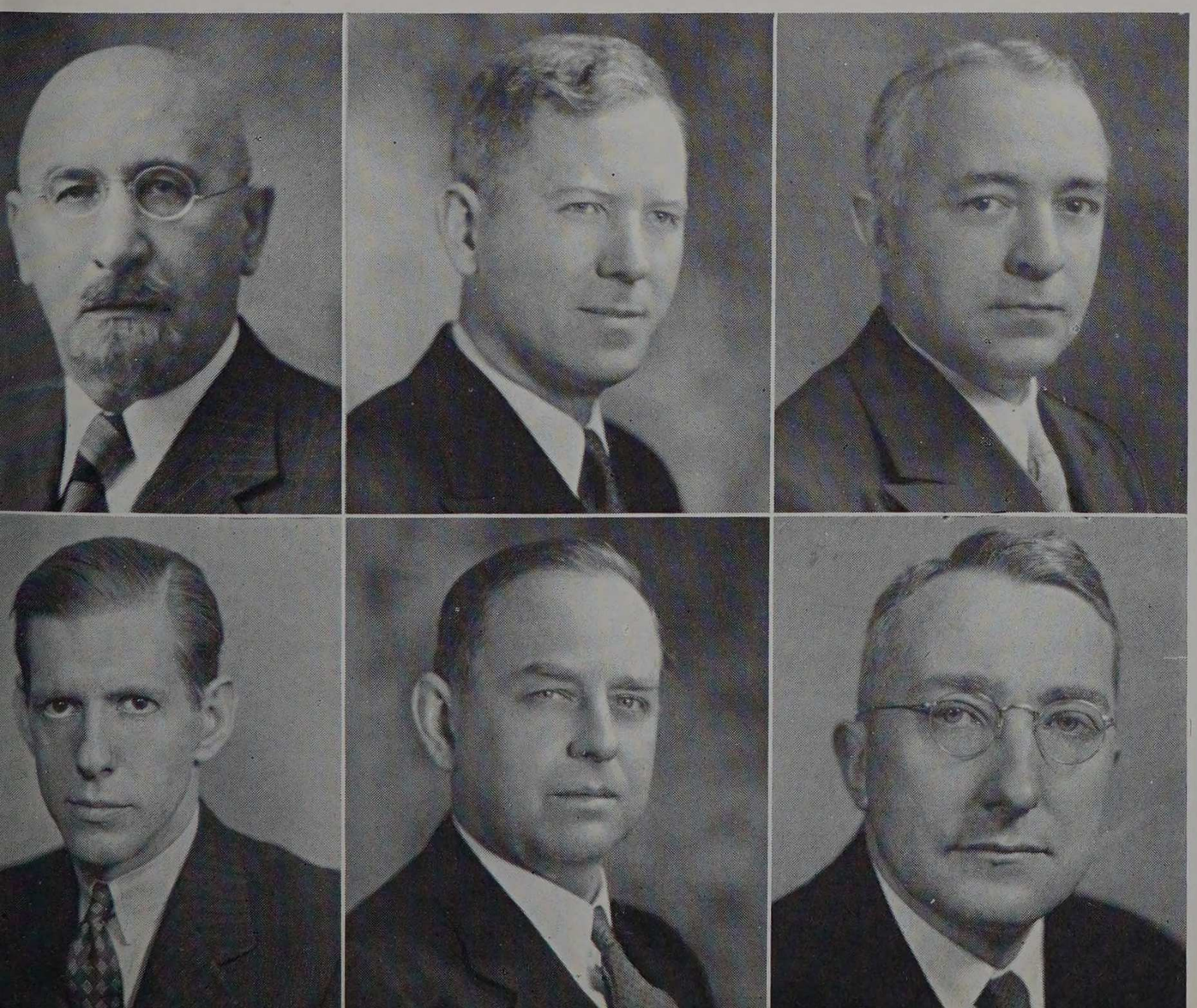

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Salamander, Acacia

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Director of Athletics
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HAROLD ALFRED VAGTBORG

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Sigma Tau, Pi Delta Epsilon, Mu San, Kappa Delta Rho

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M.S. State University of Louisiana
Ph.D. Stanford University
Sigma Chi

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Manager of the Student Union and Coach of Wrestling and Boxing
B.A., LL.B. DePaul University

MELVILLE BAKER WELLS

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B.C.E. and C.E. Purdue University
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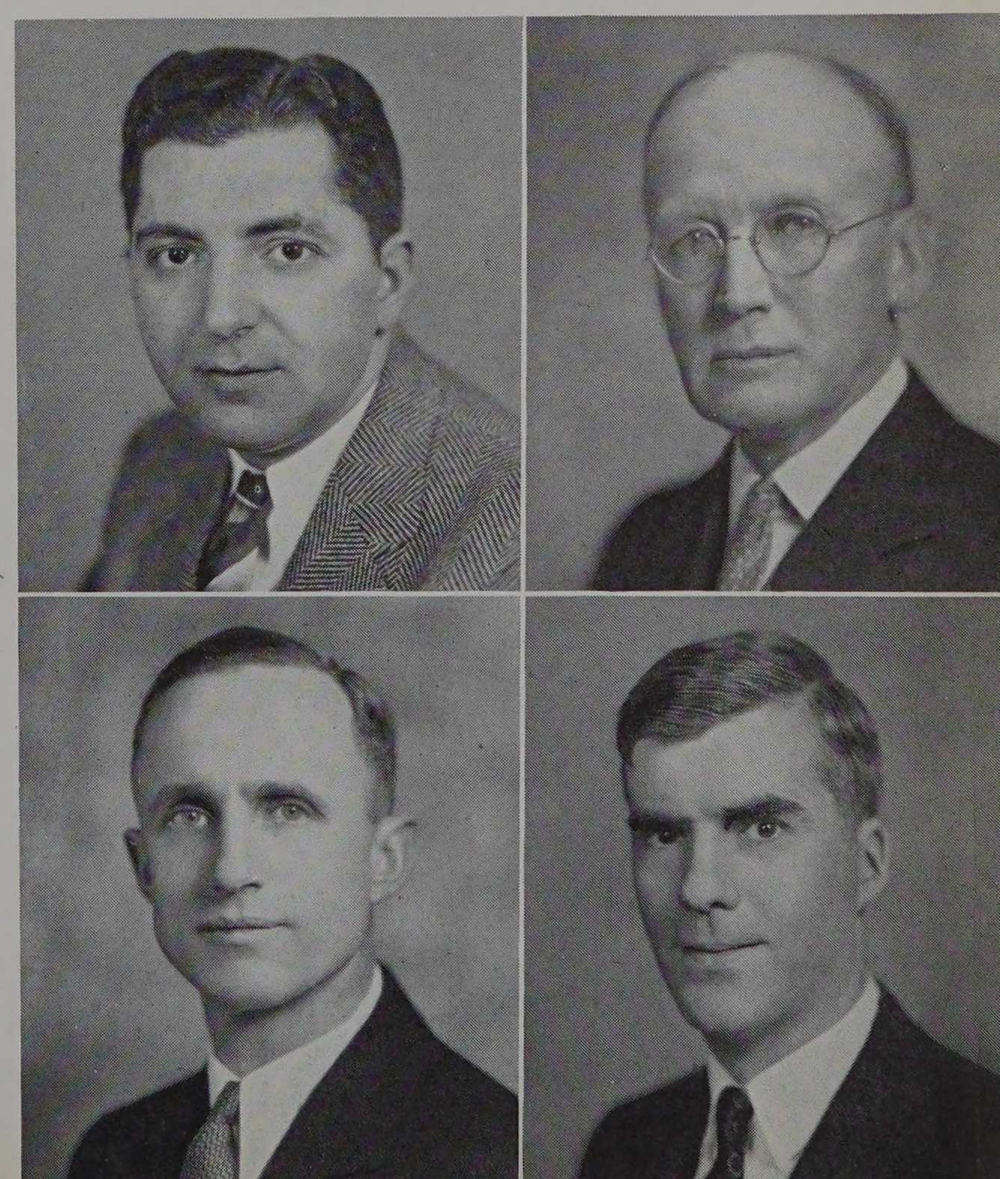
B.S. and M.E. Armour Institute of Technology
Colorado School of Mines
Pi Tau Sigma

GEORGE E. ZIEGLER

Assistant Professor of Physics
B.S., M.S. and Ph.D. University of Chicago
Sigma Xi



HENRY G. FISK

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Sigma Xi, Pi Mu Sigma

FRANCIS W. GODWIN

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University of Indiana

ALFRED O. WALKER

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Ph.D. University of Chicago
Sigma Chi

GRADUATE ASSISTANTS AND FELLOWS

Sydney D. Black
John Bodnar
John W. Boehr
William M. Cade
Clark A. Crawford
Robert C. De Hart
Thomas W. Doub
John H. Fellouris
Arthur Goldsmith
Leonard O. Holmes
William W. Humphrey
Burge B. Kepford
John H. Kuck
Raymond I. Leland
Robert M. Levy
Robert M. Lundberg
Douglas P. Meigs
Hugh J. Miser
Daniel A. Okum
Edward A. Poste
Kenneth A. Rees
Charles H. Riesz
Michael N. Salgo
Robert G. Shirriff
George Thodos
Edward F. Wagner
Robert M. Williams

NEW FACULTY APPOINTMENTS

In February, 1938, Dr. Michael Sadowsky was appointed Instructor in Mathematics, and Mr. Alexander Cowie, Instructor in Mechanical Engineering. Other new faculty appointments include Dr. Hans Reissner, for many years Professor of Mechanics at the Technische Hochschule in Berlin, Research Professor of Engineering; Dr. John L. Miller, Associate Professor of Metallurgy; Dr. Myril B. Reed, Assistant Professor of Electrical Engineering; Dr. Sanford B. Meech, Assistant Professor of English; Mr. Merrill G. Christophersen, Instructor in English; Dr. William L. Wasley and Dr. Howard M. Kindsvater, Instructors in Chemistry; and Mr. William M. Simpson, Instructor in Civil Engineering. Dr. Haldon A. Leedy joined the staff of the Research Foundation, and became Instructor in Physics. Mr. Swen Anderson came to the Institute to join the Department of Fire Protection Engineering, and Mr. R. G. Minarik became Assistant Professor of Mechanical Engineering. Mr. A. B. Lewis took up the duties of Assistant to the President, and also serves as Business Manager of the Armour Engineer and Alumnus. Dr. Rufus Oldenburger resumed his duties as Assistant Professor of Mathematics after a year's leave of absence, during which he served as an Assistant at the Institute for Advanced Study at Princeton.

PROMOTIONS

Dr. William A. Pearl was promoted to Professor of Mechanical Engineering and Director of Engineering Shops; Mr. Harold A. Vagtborg to Professor of Municipal and Sanitary Engineering and Managing Director of the Research Foundation; and Dr. Carl G. Anderson to Assistant Professor of Mechanical Engineering.

LEAVES OF ABSENCE

Mr. Earle L. Kent, Instructor in Electrical Engineering, was granted a leave of absence for the year 1938-39 to pursue graduate study, and Mr. Clayton O. Dohrenwend, Instructor in Civil Engineering, was granted a leave of absence for the first semester of 1938-39, for the same purpose. Professor D. P. Moreton, of the Department of Electrical Engineering, was also granted leave after concluding his work on the new Student Union.

RESIGNATIONS

Resignations included Mr. William F. McCaughey, Associate Professor of Architectural Design; Mr. Jarl T. Sorensen, Instructor in Fire Protection Engineering; Mr. Walter L. Suter, Assistant Professor of Architectural Design; Mr. David Chapman, Instructor in Architecture; Mr. Otto Zmeskal, Instructor in Metallurgy; and Mr. Homer C. Combs, Instructor in English.

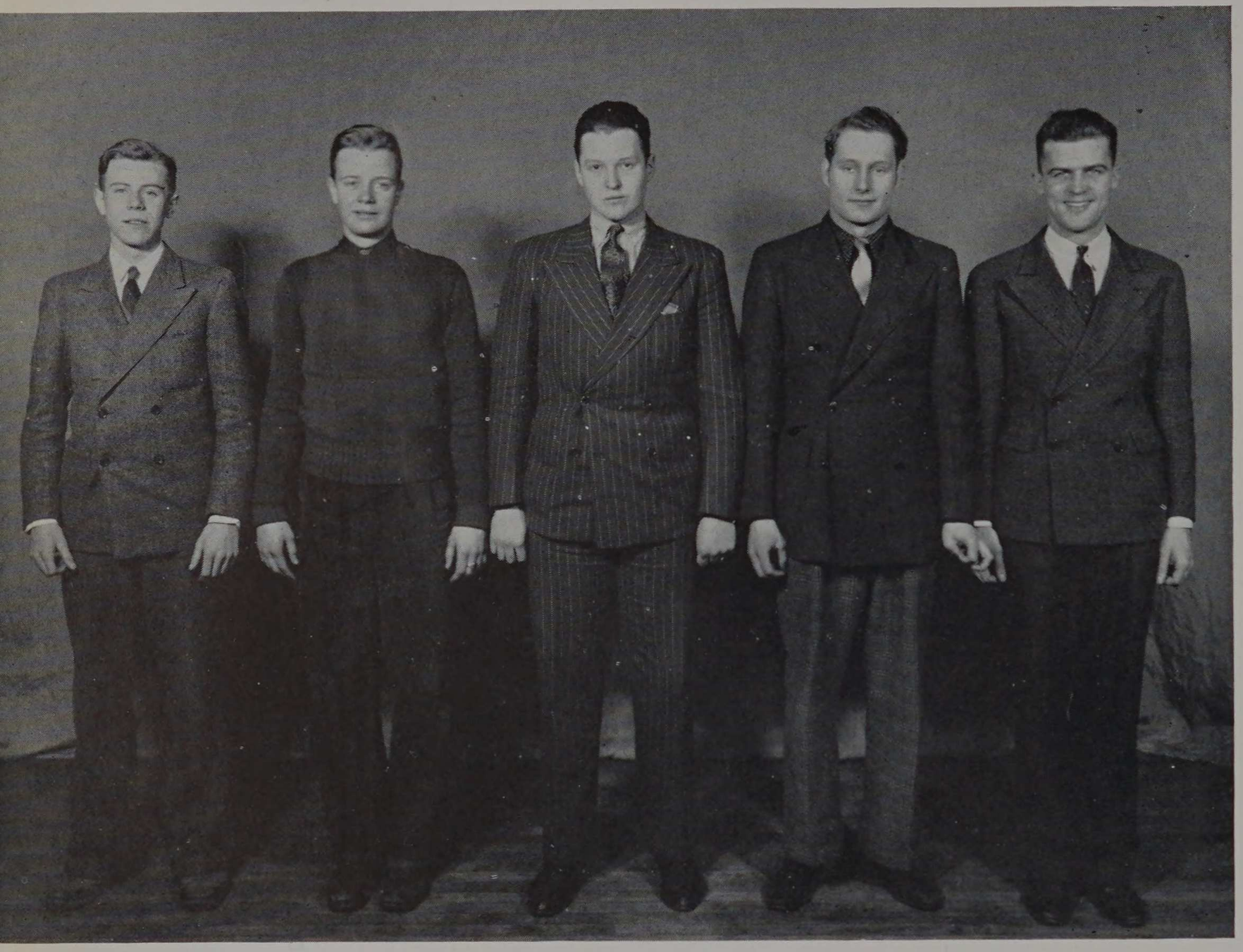


CLAS

FROSH • SOPHS • JUNIORS • SENIORS • • SENIOR COMMITTEES • HONOR EDITION AWARDS • CO-OPS

S E S

THE FROSH



Tatge
Talcott
Krupnik
Ther
Huxhold

Theodore Krupnick . . . . . President
Robert Ther . . . . . Vice-President
Richard Talcott . . . . . Secretary-Treasurer
Earl Huxhold . . . . . A. T. S. A. Representative
Robert Tatge . . . . . Social Chairman

During the week of September the 12th the mighty campus of Armour Tech was opened as a haven for handsome, intelligent high school graduates. Armour was indeed an institution where merriment was the chief concern, and the fraternities were the benefactors of the novices who had wended their way to the intersection of Thirty-third and Federal Streets. Three hundred and thirty innocent individuals were fattened for one glorious week and were then hurriedly shown the slaughter when school

1942

Such is the life
of a freshman



actually began. The "mill" began to function that horrible second week, and it left a panting group of bewildered, would-be engineers in its wake upon the approach of the first week end.

Late in the semester the team that represented the class in the Intramural Basketball Tournament emerged from the contest victorious.

In the spring the class played host to the school and gave a successful dance. It can now be said that the Class of '42 has buckled down to the job in hand; the disorganized frosh are rightfully assuming their positions with the men of Armour.

The class will undoubtedly lose a considerable number of men before enrollment next fall, and although the loss will be felt appreciably, it will not be without its good points. The men that enroll from this class in the fall will be men who have shown their intention to remain at Armour and who give promise of building a better Class of '42.

Row 1: Saperstein, Swanson, Korshak, Dillon, Storz, Barsumian, Elischer, Forty, Bluestein, Wasilenko, Fisher, Bay.
Row 2: Hayford, Danforth, Dunworth, Bredlau, Lundh, Wolaver, Wolfrum, Schultz, Schmudde, Mohr, Cooper, Boynton.
Row 3: Hartmann, Arko, Galandak, De Giorgi, Willis, Talcott, Center, Spatenberg, Steinberger, Franz, Loftus, Hawk, Moore.
Row 4: Slechbart, Zeleny, Hasty, Caplan, Hoffman, McEvoy, Tornga, Young, Schneider, Hussander, Coyle, Biltgen, Herter.

Row 1: Lindberg, Klein, F., Klein, B., Jindrich, Silla, Wong, Cooper, Thompson, Bunce, Chan, Hollander.
Row 2: Benwitz, Lind, Bergstrom, Brazelton, Ball, Krupnik, De Boo, Tatge, Mays, Rosenberg, Achinakian, Bergstrom.
Row 3: Long, Beeby, Bartusch, Simonini, Peterman, Esterle, Zamirowski, Matthews, Ther, Eadie, Davison, Kusczak, Butkus.
Row 4: Cutaia, Kite, Navadomskis, Staats, James, Gramont, Pazucha, Sheped, Bakas, Peterson, Jones, Ellinger.

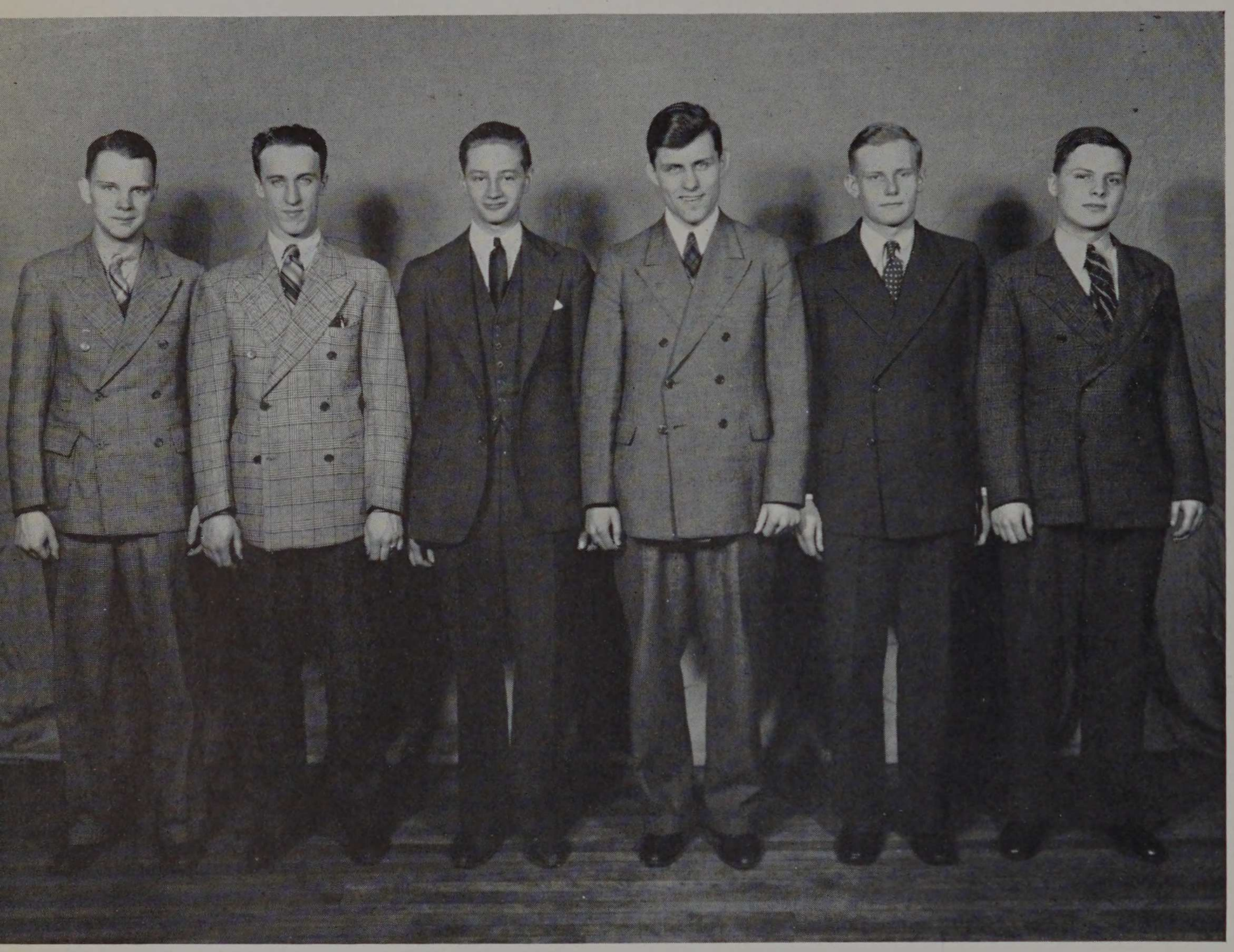


Row 1: Robin, Carlson, McMacken, Adams, Radkiewicz, Domenz, Schneider, Ramseth, Minter, Crawford, Villiers.
Row 2: Stein, Hughes, Hunstiger, Heidorn, Antrim, Robbins, Woodbury, Johnson, Sogin, Palm, Jachimiec, Goluszka, Young, Duda, Croak.
Row 3: Irwin, Nordhaus, Sobilo, Barnabee, Wittekindt, Aggerbeck, Piepenbrink, Johnson, Roetter, Voderberg, Ceroke, Strodtman, Zimmerman, Carner.

Row 1: Rodriguez, Cox, McFarland, Mulcahy, Pollak, Mueller, Remaly, Miller, Ciembronowicz.
Row 2: Rudecki, Taylor, Kasman, Mullen, Bergstrom, Edahl, Biltgen, Bonar, Krause.



THE SOPHS



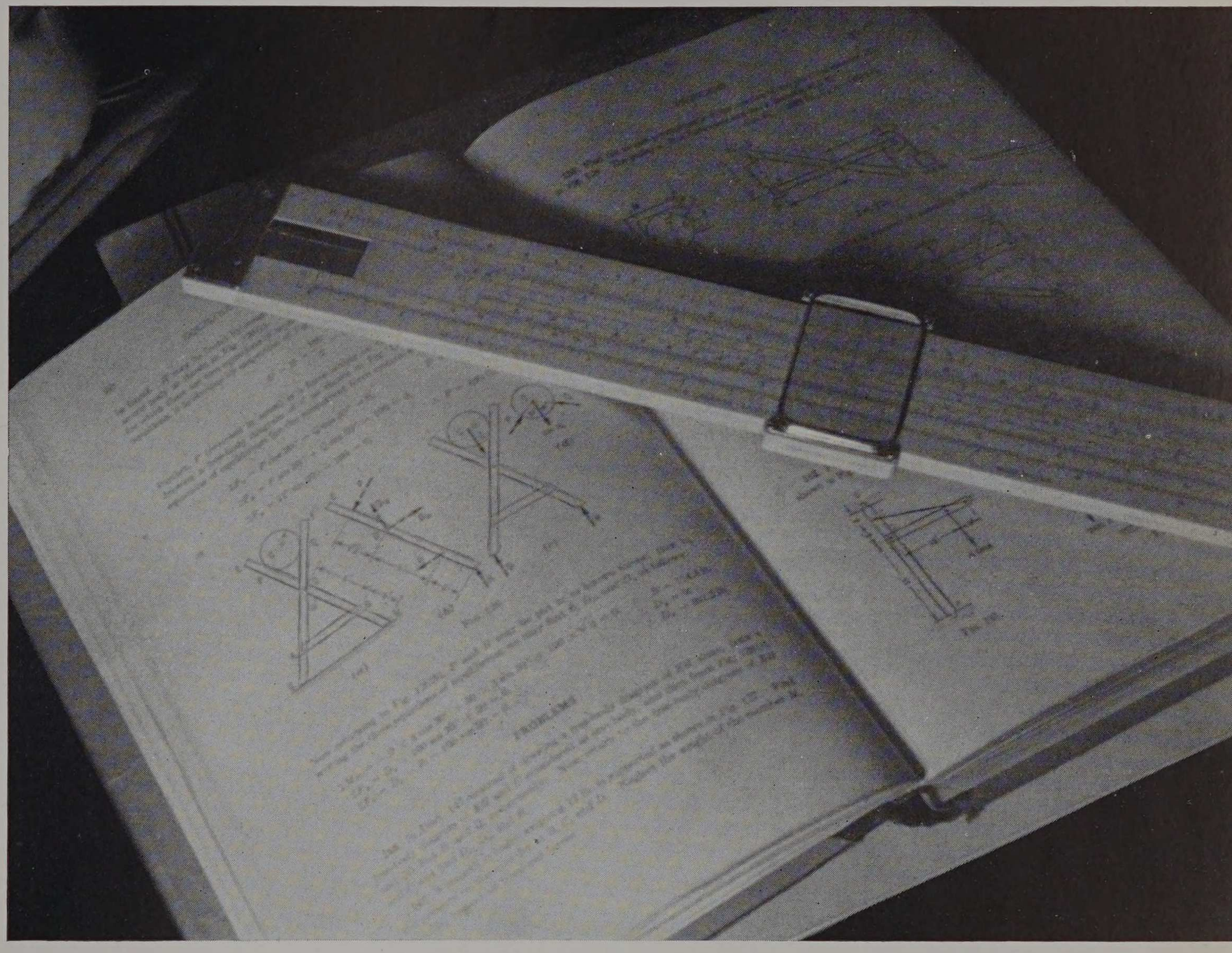
Knief
Murray
Reh
Pfeffer
Jacobsen
Sweeney

Kenneth Myers . . . . . President
Frank Reh . . . . . Vice-President
Joseph McErlean . . . . . Secretary
Donald Knief . . . . . Treasurer
James Murray . . . . . Social Chairman
Robert Sweeney . . . . . A. T. S. A. Representative

How different it is to enroll at Armour this year compared with the task of the year previous! We entered not as a group of struggling freshmen, alone, hesitant and worried, but as a unit with friends and companions on all sides ready to continue our study of engineering. It felt good to return to school, to the grounds and even to the faculty. We imagined ourselves to be a part of Armour, and we were determined to uphold both the school and our class in the year that was to follow.

1941

Midnight occupation
of a Soph



Early in the semester, we won the school hardball championship, and a few weeks later pushed a team into the semi-finals of the touchball tourney.

Although we lost the last game of the interclass basketball series, defeat came only after a vigorously contested match. We watched these accomplishments with pride and knew that these battles completed the unification of the class. Devils that we were, we laughed at despair and prepared for a joyous future.

And now two years of college work exist only as history. Although we have successfully withstood broadsides of calc, physics and mechanics, other courses must be vanquished. We must secure two more victories before full honor and prestige can be rightfully accorded the Class of '41.

Row 1: Gehle, Hahn, Gaudio, Knorring, Parkin, Huebner, Pfeffer, Flood, Waber, Kominsky, Lewis, Aronow.
Row 2: Heinlein, Vallino, Biedron, Bosnak, Stancl, Reh, Groundwater, Murray, Schalla, Super, Grosse, Crego.
Row 3: Siemen, Kotiza, Blastik, Sibik, Hillger, Powers, Hermanovich, Shank, Molda, Bauer, Crousse, Newmark, Janner.
Row 4: Bauch, Roehm, Newell, Naum, Johnson, Krueger, Brendle, Kolody, Whitley, Latini, Heller, Sorensen, Dress, Lionello.

Row 1: Muehlhausen, Stoolman, Condes, Behrens, Sitkd, Knief, Baumann, Kunz, Furch, Dworzan, Sorokin, Gray.
Row 2: Grindahl, Sanowskis, Sliwa, Giltzow, Ericson, Yursis, Baer, Zwaska, Giannini, Perrin, Janner, Bixby, Cole.
Row 3: Wegger, Mahn, Linick, Hruda, Niems, Decker, Hellman, Peterson, Gecas, Dryer, Falk, Dailey, Doane.
Row 4: Meyer, Harmon, Hass, Bullen, Prane, Lange, Boarini, Larson, Michaud, Whitley, Rainer, Donoghue, Hauswald, Zimmerman.



Row 1: Colant, Fuchs, Seils, Lenart, Anderson, Bergmann, Biederman, Salzman, Ziven, Sassmann, Pointek, Zoellner.
Row 2: De Money, O'Brien, Stowell, Mann, Steinweg, Blume, Miller, Kulieke, Reinke, Alschuler, Powers, Sweeney, McMahon.
Row 3: Strassenburg, Schoenberg, Smith, Pederson, Hartman, Olson, Jackel, Hart, Sarasin, Schrot, West, Vaupell.
Row 4: Mustakas, Greenberg, Crotty, Shanley, Malala, Ettinger, Smith, Lange, Olson, Pettes, Grabbenheim, Wolf, Durkee, McAleer.

Row 1: Sorkin, Kiefer, Nagel, Zimmerman, Donoghue, Ratzel, Fisher, Brodsky, Kramer, Obergfell, Schroeder, Anderson.
Row 2: Saigh, Kirkland, Druschitz, Reimer, Sauvage, Goetz, Emmons, Hauswald, Hurda, Jacobsen, Teplitz, Gorman.
Row 3: Rusanowski, Barrett, Koclanes, Clark, Savon, Grinndal, Young, Penn, Franzene, Massman, Matthews, Plengey, Tannehill.
Row 4: Carrier, Johnson, Barteldes, Bodnar, Poweri, Levinson, Peterson, Holmboe, Kent, Brown, Nevhaus, Erickson.

THE JUNIORS



Yeager
Pedersen
Balsewick
Heenan
Hartman
Fahey

Eulo
Quandee
Sunde
Oldenburg
Bartusek

The class of '40 returned to school for its third year from professional environments. It was no longer a class of the textbook variety. It had been out in the field. The civils had encamped at Trout Lake to brush up on their surveying, the fire protects had been working throughout the middle west in inspection bureau offices, the architects and chemicals had worked on their summer professional problems and many juicers and mechanicals had been employed in industry. The professional contact that the class had made was beneficial. It had produced a more sober, a more conscientious group. The rollicking, rioting band of the year previous had matured.

1940

Relaxing—And not one
is a Fire Protect!



The sobering influence proved to be a benefit during this school year. Studies were tackled with renewed vigor.

The Junior Formal was held March 11th at the Congress Casino. It proved to be the highlight of the year's social entertainment. In May the Class' second dance, the popular Informal, received widespread acclaim and climaxed the activities of Junior Week.

Our Junior year has slipped by. Soon an additional year at Armour will have passed. If the present attitude of the Class can be taken as a basis for prediction, there is little doubt that the Class will triumph in the years that are to follow.

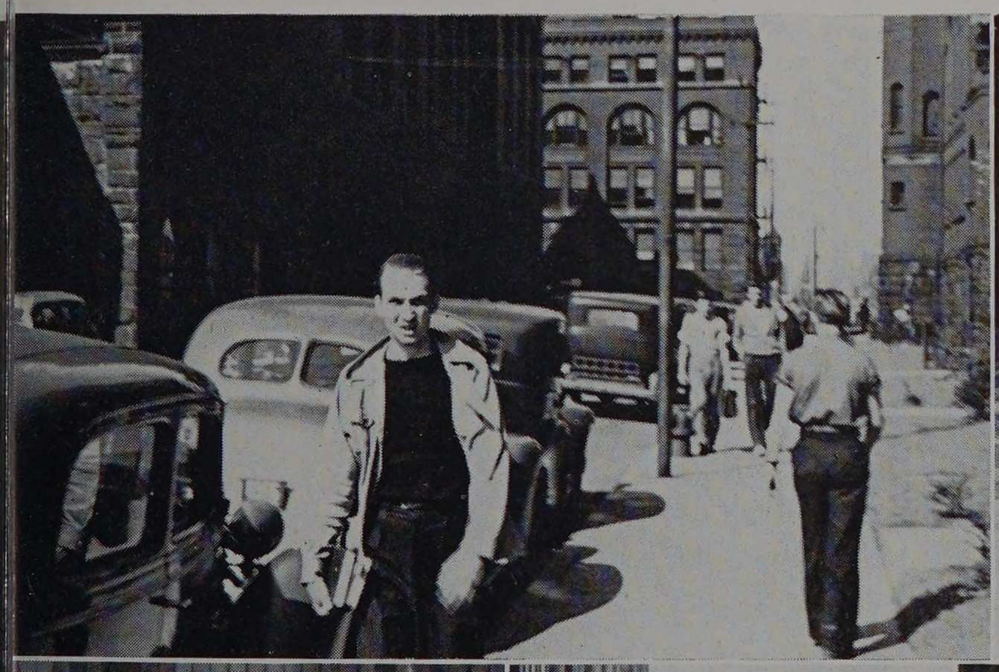
Row 1: Newhart, Getz, Sher, Johnson, Eulo, Collopy, Dzikowski, Kazmierowicz, Pavel, Minard, Bigos, Shapiro.
Row 2: Flood, Kalnin, Schrot, Collins, Fahey, Anderson, Worchester, Prehler, Holle, Sweeney, Gromak, Hartman, Alter, Petri, Leonard, Byrne.
Row 3: Patlogan, Otrembiak, Gruca, Urbaniak, Sandiford, Dost, Waszczyk, Miller, Smith, Sullivan, Ptak, Smith, Freeman, Charlton, Sunde, Quandee.
Row 4: Russnak, Eggers, Foster, Schweitzer, Mueller, Heenan, Scott, Hunter, Kotulla, Underhill, Barry, Schultz, Ransel, De Ment, Floreen.

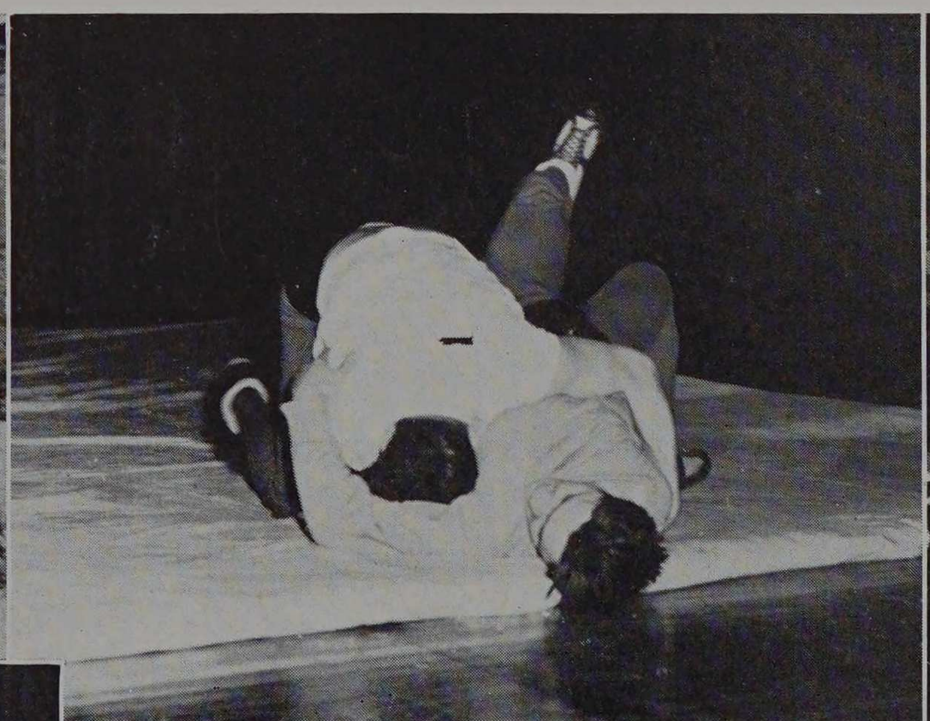
Row 1: Rosenthal, Mentzel, Kreydich, Basic, Nader, ToeLaer, Rummell, Maxwell, Brannick, Slavin, Gaebler, Francone.
Row 2: Yeager, Winkley, Cohen, Heller, Brinkerhoff, Frost, Veras, Blume, Clark, Stimpel, Arndt, Herdman, Klamczynski.
Row 3: Haubert, Mashinter, Galancak, Woll, Reuter, Grunwald, Haedike, Wolniak, Risany, Minieka, Kohn, Abrahamson, Marks.
Row 4: Maze, Bleaden, Denz, Michka, Camras, Reyns, Ramp, Bunce, Ellin, Hansen, Erisman, Anderson, Dahl.

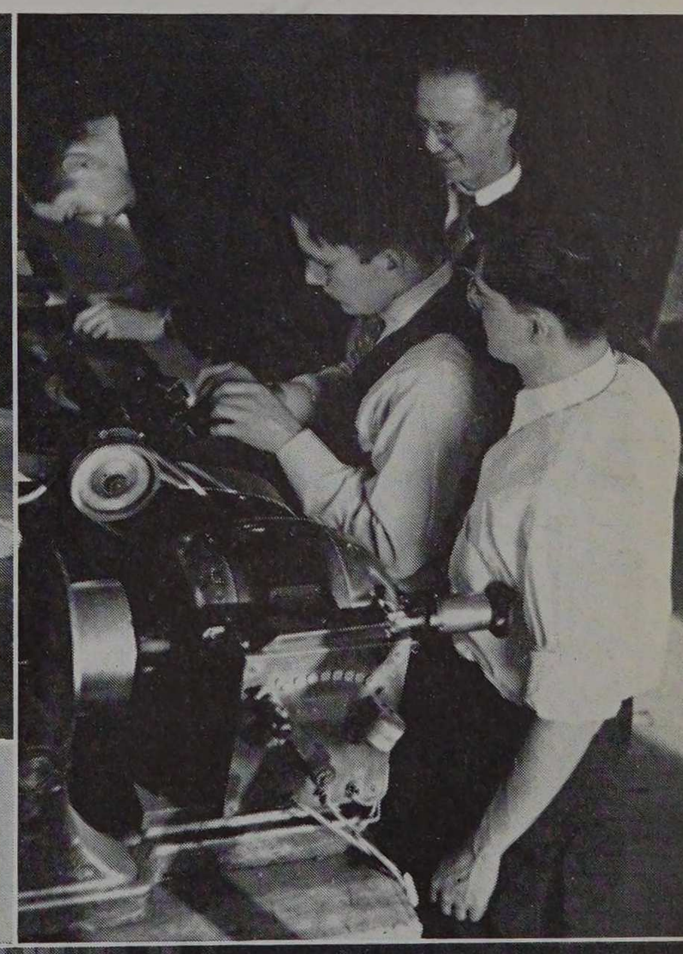


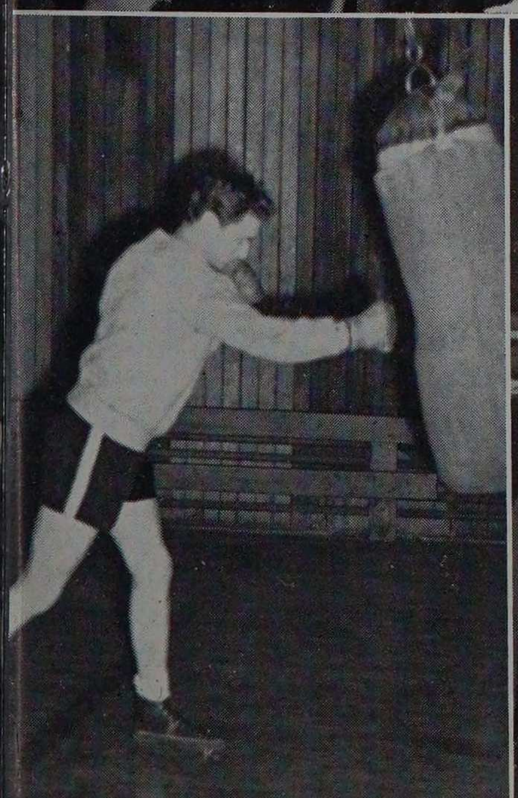
Row 1: Malleris, Wagner, Kurland, Stefansky, Johnson, Shaver, Damm, Horn, Ryant, Newman, Silverman, Sternfeld.
Row 2: Wolfe, Kahl, Foss, Caldwell, Gerhardt, Zeinz, McDermott, Dahlin, Weber, Oldenburg, Rehwaldt, Speth, Wolfson.
Row 3: Mackey, D., Mackey, W., Laskowski, Hawkins, Jaedtke, Lykowski, Balsewick, Goluska, Hanna, Fiebig, Petersen, Opila, Elgenson.
Row 4: O'Neill, Gentleman, Lindgren, Dickerhoff, Smessaert, Walkoe, Catlin, Shaw, Long, Toth, Hassell, Wagner.

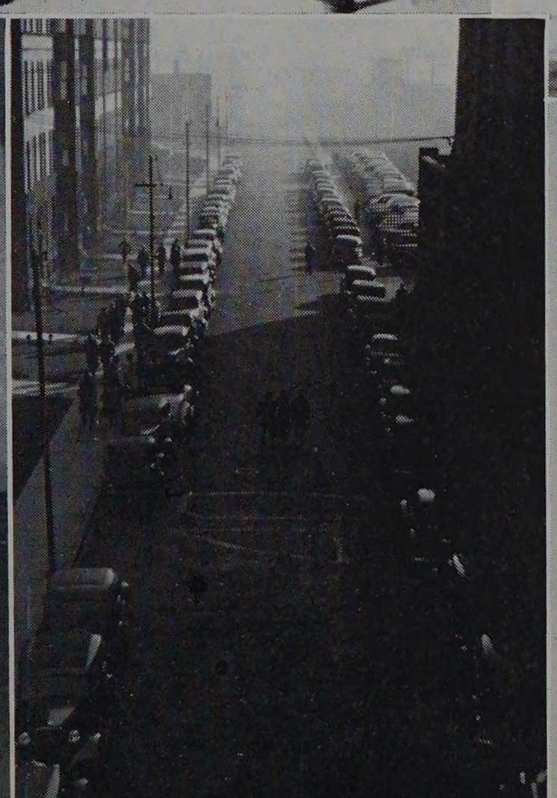
JUNIOR ACTIVITIES



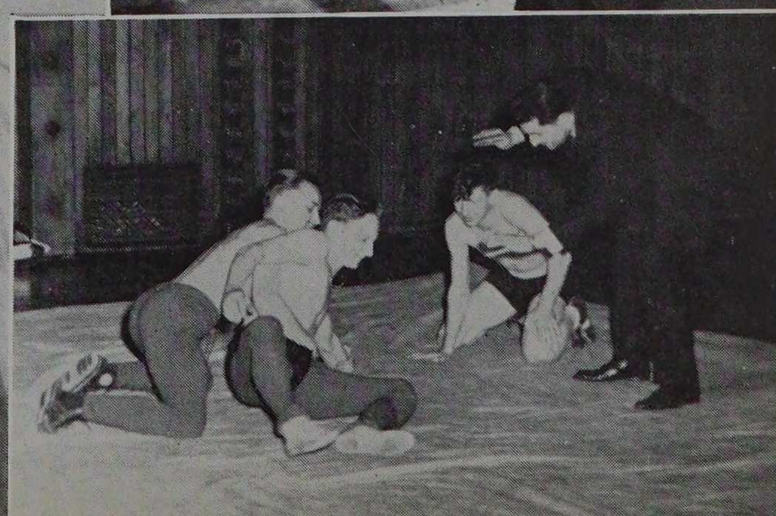












THE SENIORS



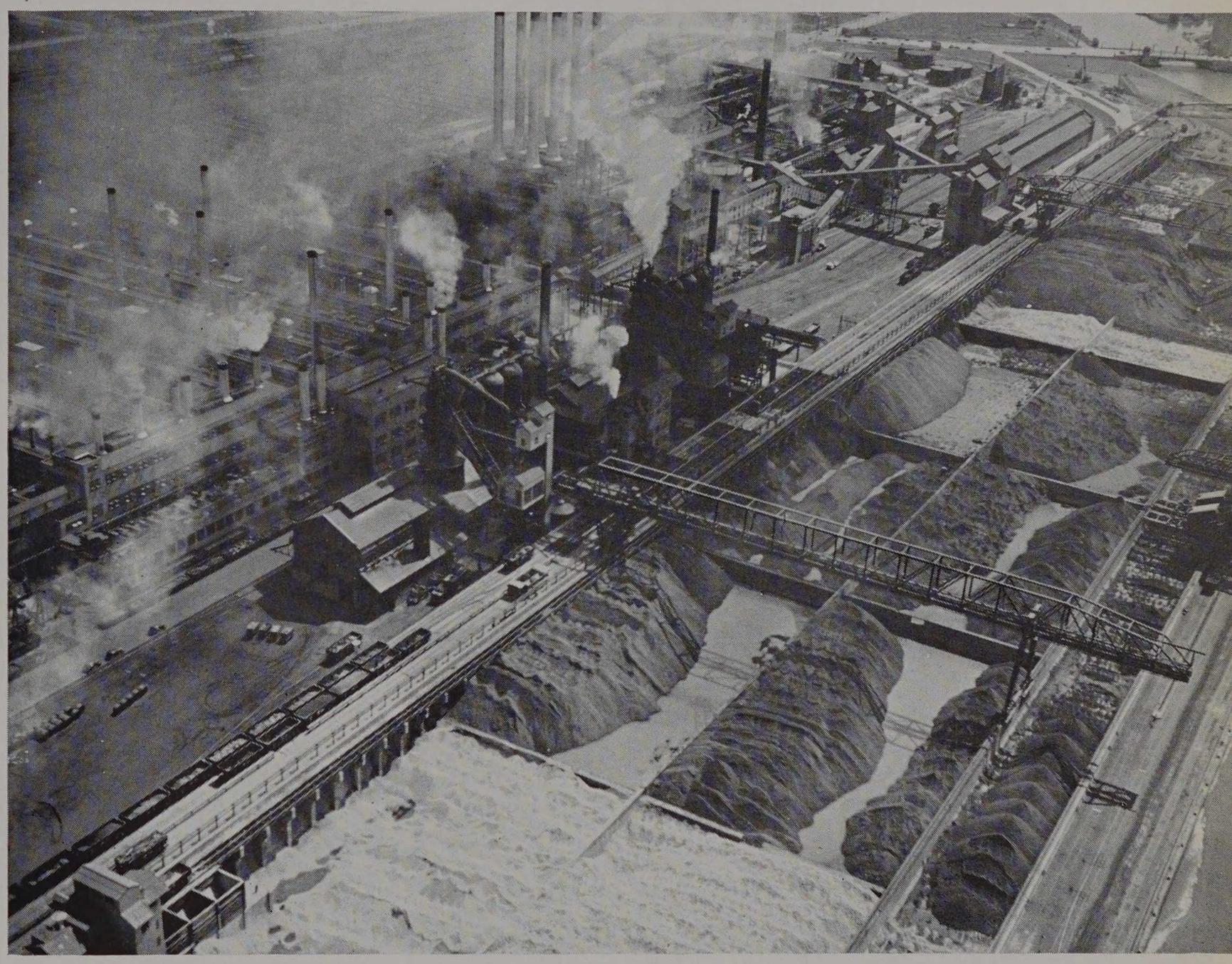
Reh
Bush
Clark
Isakson
Finnegan

Anderson
Zarem
Anthon
Wagner
Moculeski

Four years in the future seem literally ages away. But to look back upon four years, the time is found to have flown for every member of the senior class. When we were burdened by professors and heckled by sophomores in our freshman year, four years in the future seemed remote indeed. But now that the time has passed, our freshman days and memories are vividly recalled. It is difficult to believe those days were but events of four years past. We are Seniors. But we find it difficult to believe.

1939

"Visions of Progress"



During these years at Armour, we have waited for June, 1939. Now we are going to leave, but not with the enthusiasm of the past. We have grown to be part of Armour and severing our daily contacts is going to be done regretfully.

We read about plans for renovation, and watched with interest the progress of the succeeding construction work. And as Armour grew, so did we. We are truly a class that has grown with Armour. We will depart soon, but memories and traditions of the school will always linger.

W. A. Hofmann | B Knutson | M. Ephraim Jr. | E. Johannisson | [illegible]

J. J. Ratto | E. D. Gryglas | C. R. Adeszko | F. G. Jahnke | L. M.

E. K. Swanson | V. E. Terpe | E. Van Alsburg | C. V. Peterson | P. P. K

W. A. Ryan | L. F. Wooding | A. Levenberg | A. M. Zarem | E. St

R. I. Bush | J. Gregory | W. J. Capodanno | C. O. Miller | E. C. M

L. G. Anderson | J. B. McCormack | S. P. Finnegan | R. W. Young | B. F. Os

F. C. Brewster | B. G. Anderson | M. C. Kester | L. C. Stocchia | J. D.

G. L. Reinhardt | E. X. Norris | R. B. Boerth | T. F. Quarnstrom | E. H.

H. C. Johnson | H. A. Rothenberg | O. J. Peltier | Leo P. Popek | F. L.

A. G. Spengler | O. M. Hoffman | L. J. Saigh | H. S. Anthon | F. He

G. Bjornstad | W. J. Kolaske | W. H. Penn | M. E. Biddle | D. M.

W. B. Buchanan | H. L. Makolagzyk | R. A. Davis | M. Goldsmith | T. E. M

J. C. Chadwick | E. K. Kosciuck | J. R. Wilkinson | A. J. KUBICKA | R. A.

C. C. Carlson | B. R. Lorenzen | T. A. Clark | R. F. May | J. C. Le

A. H. Fried | Don C. Cogge | R. B. Fridstein | E. D. Chapman | L. S.

R. T. Smith | A. W. Gilbert | R. F. Scheel | H. Schaffer | T. E. M

[illegible]	S. C. Spencer	L. A. Bain	W. E. Kruse	S. J. Mouleski
Kotlik	E. H. Olson	J. P. Bugielski	T. W. Yeakley Jr.	J. L. Masin
Aleika	T. Collier	C. W. Reh	E. J. Loutzenheiser	P. F. Henriksen
Ton	R. H. Vandekieft	H. Graf Jr.	B. K. Lyckberg	J. J. Janicek
Shelf	R. R. Tullgren	H R Coyle	H. Schwartz	J. Barale
Ald	R. Kotal	B. H. Griesbach	A. S. Pater	H. C. Soukup
Tebson	E. J. Daniel	J. Ramirez	J. D. Kease	J. Gilbert
Jarick	E. K. Osterberg	G. F. Morris	E. D. Isakson	E. S. Grabacki
Lock	H. L. Harrison	B. Kirz	J. Gromboeker	R. G. Winblad
Bauer	E. A. Chevalley	C. H. Harris	G. W. Thomas	N. D. Rice
Fay	S. Evanoff	B. G. Lease	R. J. Jaffee	H. A. McDaniel
Eley	L. D. Urbain	A. C. Hinman	E. W. Landon	E. F. Wagner
Brodt	L. Reach.	H. Schlifke	G. J. Demig	V. F. Volpe
Dahl	G. A. Scott	G. J. Prawdzik	A. S. Davidkhanian	Joe Blow
				J. B. Calhoun
Lynch	K. A. Wagner.	D. E. Kroll	A. M. Richardson Jr.	R. J. Morrison
Seley	T. F. Cunningham	N. L. Bartlett	L. E. Dixon	D. W. Jacobson

CHESTER R. ADESZKO • Chicago

B.S. in Chemical Engineering

Baseball—Manager • Alpha Chi Sigma

BOLTON G. ANDERSON • Chicago

B.S. in Fire Protection Engineering

'39 Social Chairman • Senior Commissioner • FPES • Cycle—Social Editor

L. GERALD ANDERSON • Chicago

B.S. in Electrical Engineering

AIEE • Eta Kappa Nu

HAROLD S. ANTHON • Chicago

B.S. in Civil Engineering

Wrestling • Tennis—Manager • Senior Commissioner • WSE • Interhonorary Council • Chi Epsilon • Tau Beta Pi • Black Night • Phi Pi Phi

LEWIS BAIN • Chicago

B.S. in Chemical Engineering

Boxing • Tech News • Cycle • AIChE • SAM • Phi Lambda Upsilon • Alpha Chi Sigma

JOHN BARALE • Chicago

B.S. in Mechanical Engineering

ASME

N. L. BARTLETT • Forest Park

B.S. in Mechanical Engineering

Michigan State College • ASME

BERNARD W. BERNSTROM • Superior, Wis.

B.S. in Mechanical Engineering

Boxing • Cycle—Assistant Editor • Board of Control • Interfraternity Council • ASME • Sphinx • Delta Tau Delta

MILBURN E. BIDDLE • Chicago

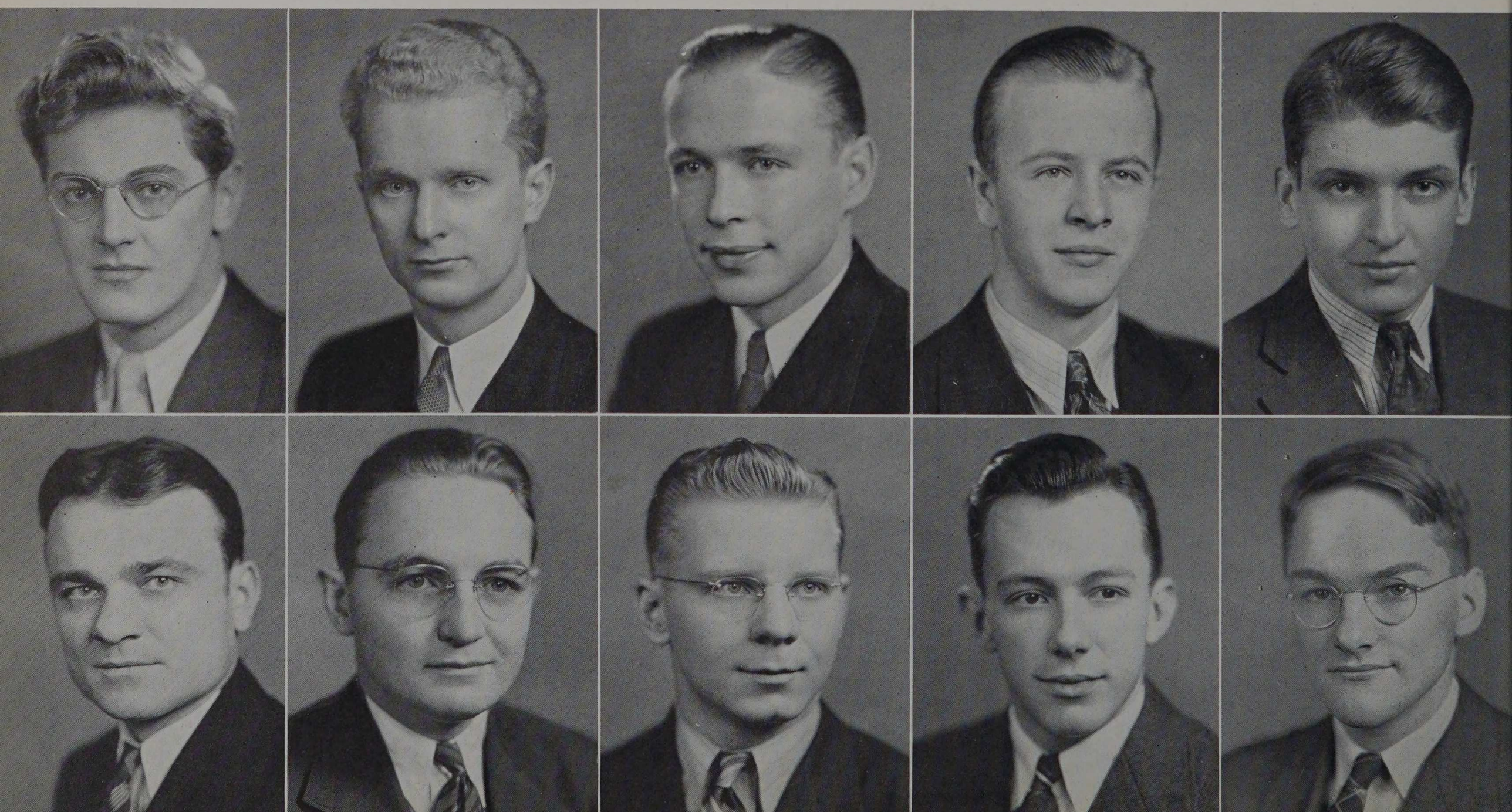
B.S. in Mechanical Engineering

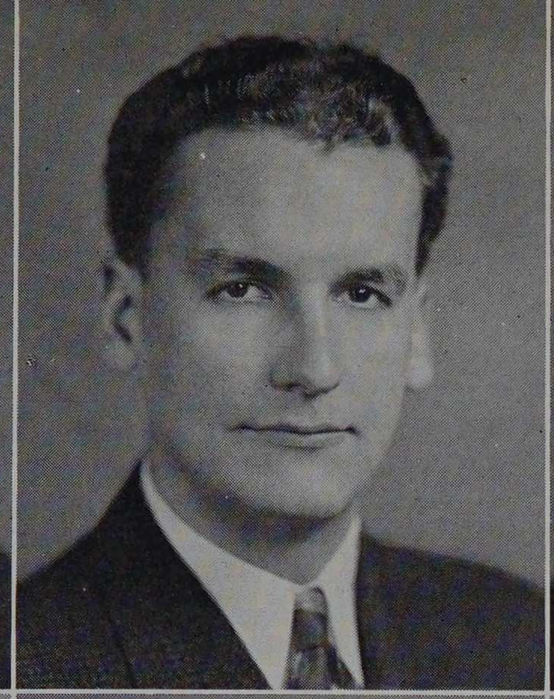
Tennis • ASME • Cycle • Boxing

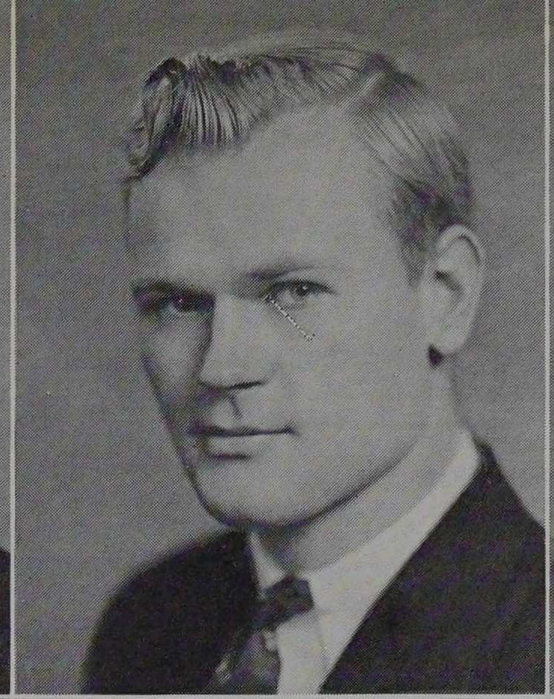
GEORGE BJORNSTAD • Chicago

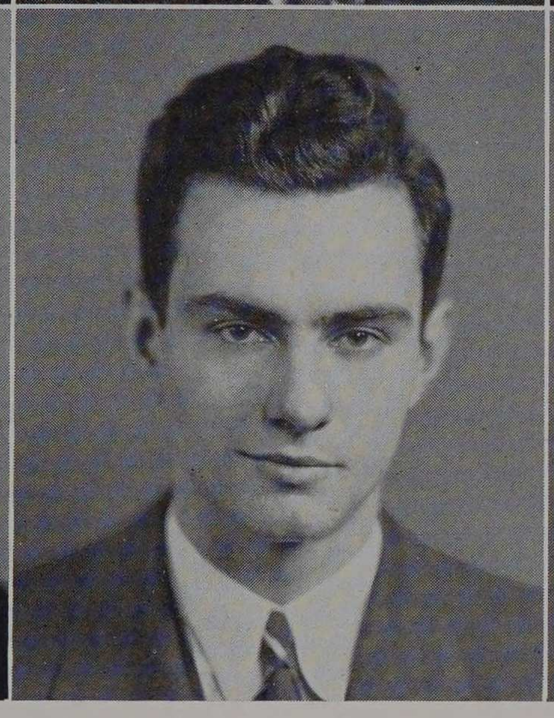
B.S. in Chemical Engineering

B.S., Northwestern U • Rifle Team • AIChE








ROLAND B. BOERTITZ • Chicago

B.S. in Chemical Engineering

Jewelry Committee • Senior Commissioner • AIChE • Phi Lambda Upsilon—President • Alpha Chi Sigma • Tau Beta Pi

ROBERT A. BRADT • Chicago

B.S. in Architecture

AAS • Scarab

FRANKLIN C. BREWSTER • Joliet

B.S. in Electrical Engineering

AIEE

JOSEPH P. BUGIELSKI • Chicago

B.S. in Civil Engineering

Chicago Tech • Radio Club • Wrestling • WSE

WILLIAM B. BUCKMAN • Chicago

B.S. in Chemical Engineering

Tech Players • Chess Club • Cap and Gown Committee • AIChE • Pi Kappa Phi

REGINALD I. BUSH • Chicago

B.S. in Electrical Engineering

Boxing • Senior Commissioner • Jr. Marshal • Eta Kappa Nu

THOMAS B. CALHOUN • Evanston

B.S. in Chemical Engineering

Lake Forest College • Boxing • AIChE • Phi Eta Sigma • Alpha Chi Sigma

ERNEST C. CARLSON • Chicago

B.S. in Civil Engineering

Baseball • Wrestling • Boxing • WSE

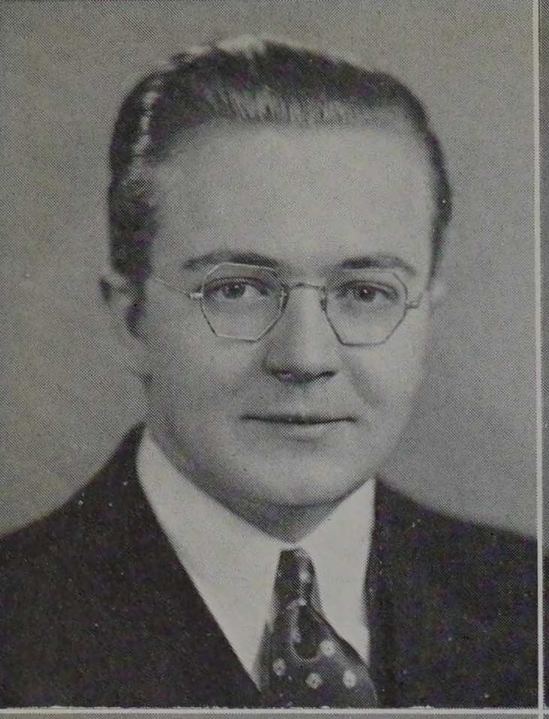
J. C. CHADERTON • Toronto

B.S. in Civil Engineering

WILLIAM D. CHAPMAN • Chicago

B.S. in Mechanical Engineering

University of Illinois • Senior Social Committee • ASME



EDWARD A. CHEVALLEY • Chicago

B.S. in Electrical Engineering
Campus Club • Radio Club • Tech News • Glee Club • AIEE • Rho Epsilon—President • Eta Kappa Nu



THOMAS A. CLARK • Chicago

B.S. in Mechanical Engineering
Boxing—Captain • Junior Marshal • Senior Commissioner • Tech News • Cycle—Athletics • Cap and Gown Committee • ASME • Interfraternity Council • Sphinx • Phi Kappa Sigma



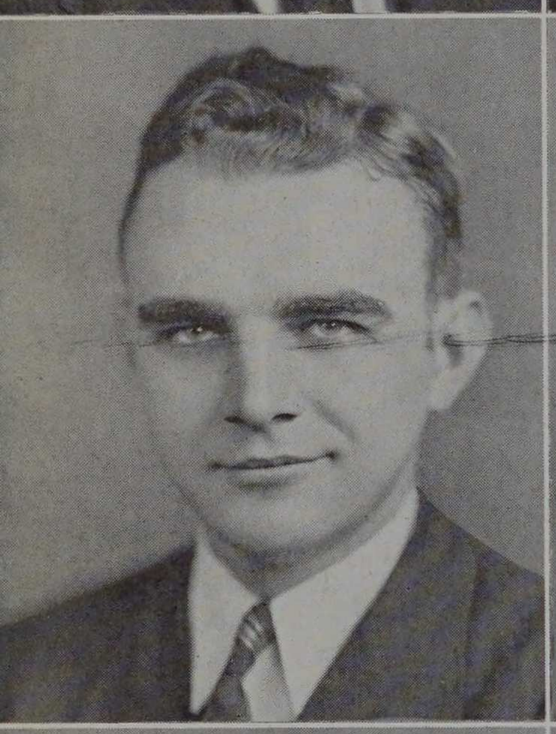
THOMAS COLLIER • Chicago

B.S. in Civil Engineering
University of Panama • Tennis • Wrestling • Boxing—Manager • Junior Marshal • ATSA • Senior Social Committee • WSE • Cycle—Organizations • Interfraternity Council • Beta Omega Nu • Phi Pi Phi



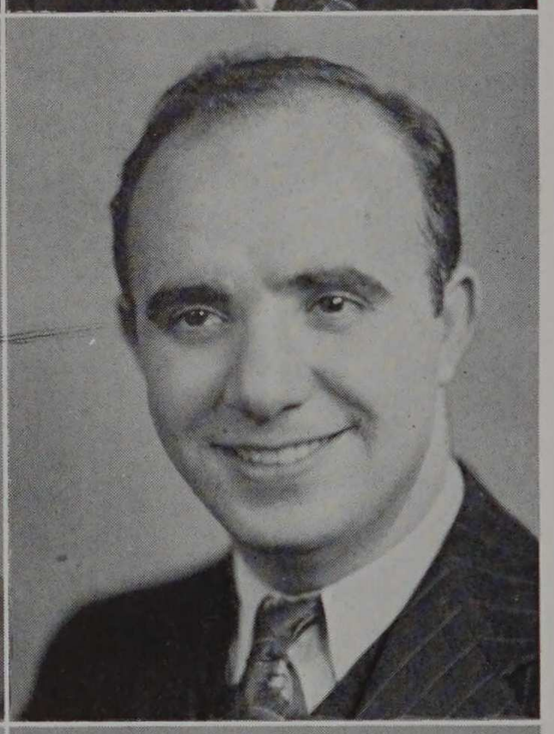
HOWARD R. COYLE • Chicago

B.S. in Engineering Science
Tech News • Glee Club • AIChE • Pi Nu Epsilon • Alpha Chi Sigma • Sphinx • Tau Beta Pi • Triangle



EMIL J. DANIEL • Chicago

B.S. in Electrical Engineering
AIEE

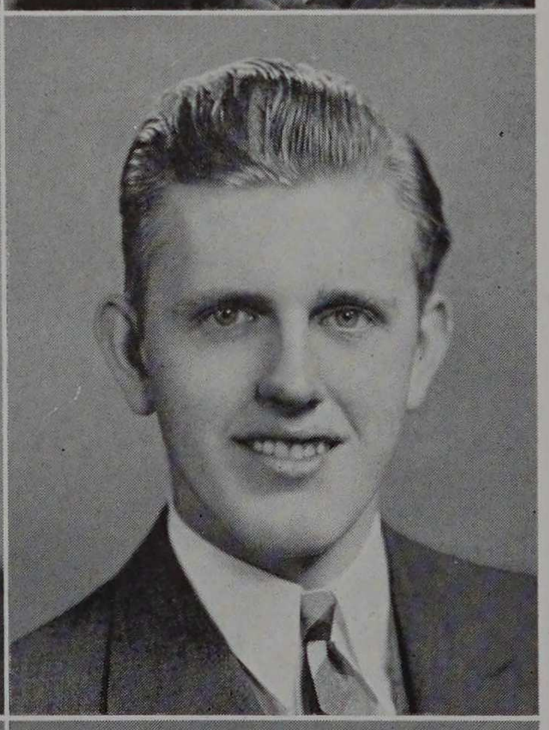


A. S. DAVIDKHANIAN • Chicago

B.S. in Civil Engineering



ROBERT A. DAVIS • Chicago
B.S. in Architecture



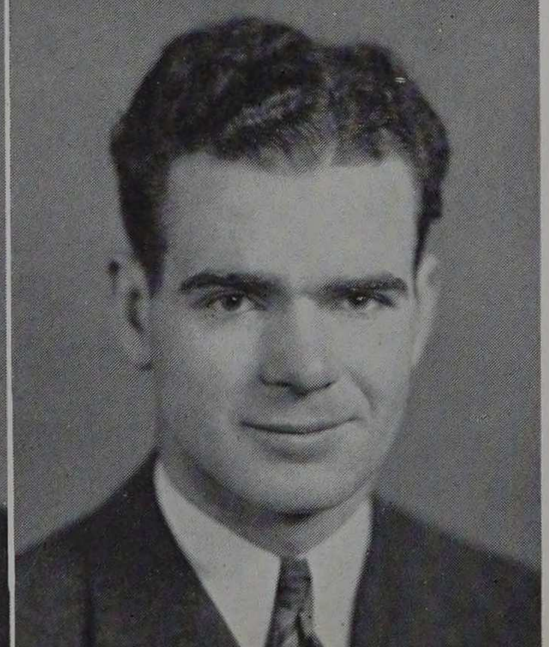
ARTHUR J. DEMPSEY • Pontiac, Mich.

B.S. in Mechanical Engineering
Rifle Club • Rifle Team—Captain • Armour Eye • ASME • Commencement Committee



GEORGE J. DERRIG • Chicago

B.S. in Mechanical Engineering
ASME • Honor Marshal • Cycle—Distribution • Pi Tau Sigma



R. E. DIXON • Chicago

B.S. in Fire Protection Engineering
Glee Club • Track • Junior Marshal • Announcement Committee • FPES • Honor A

MAX EPHRAIM, Jr. • Chicago

B.S. in Mechanical Engineering
Tech News • Commencement Committee • Tech Players • ASME • Honor Marshal • Sphinx • Pi Tau Sigma • Rho Delta Rho

STEPHEN P. FINNEGAN • Chicago

B.S. in Fire Protection Engineering
Track—Captain • Wrestling • Pentathlon • Glee Club • Engineer and Alumnus • Senior Commission • Jewelry Committee • FPES • Pi Nu Epsilon • Sphinx • Honor A

IRVING M. FOOTLIK • Chicago

B.S. in Mechanical Engineering
'39 Social Committee • Tech News • Cycle • ASME • SAM • Rho Delta Rho

ROBERT B. FRIDSTEIN • Chicago

B.S. in Mechanical Engineering
ASME • Armour Eye

ARTHUR N. FRIED • Chicago

B.S. in Chemical Engineering
AIChE • Armour Eye

ALLAN W. GILBERT • St. Louis

B.S. in Fire Protection Engineering
FPES

JAMES GILBERT, Jr. • Chicago

B.S. in Mechanical Engineering
ASME

ANTHONY C. GIOVAN • Chicago

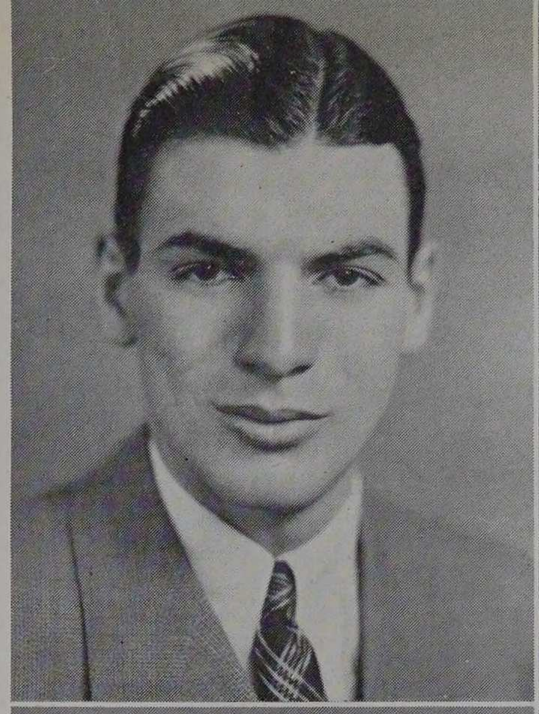
B.S. in Mechanical Engineering
ASME • Armour Eye • Cycle—Photography • SAM • Interfraternity Council • Beta Omega Nu • Theta Xi

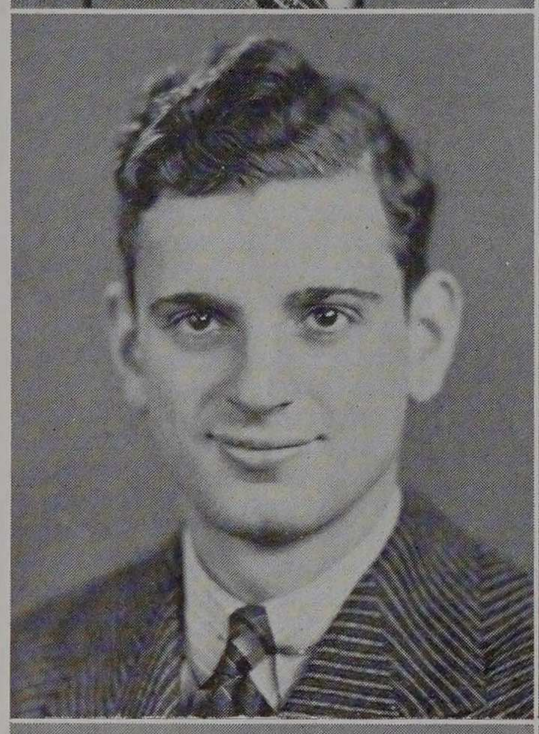
EDWARD S. GRABACKI • Chicago

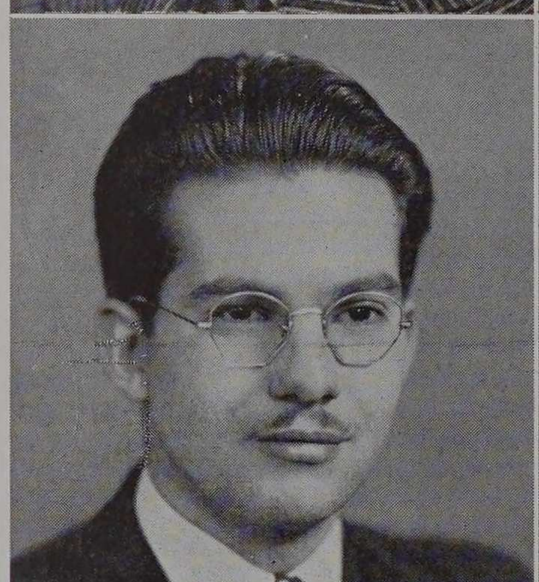
B.S. in Mechanical Engineering
Basketball—Manager • ASME • Pi Tau Sigma

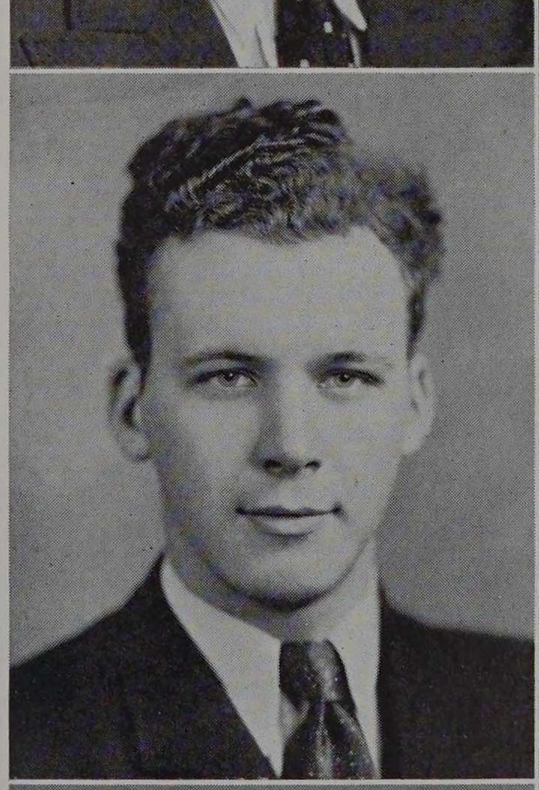
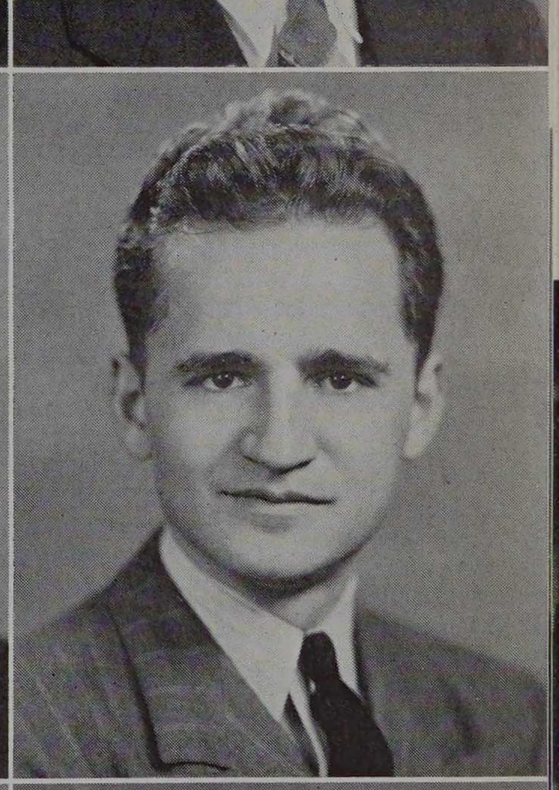
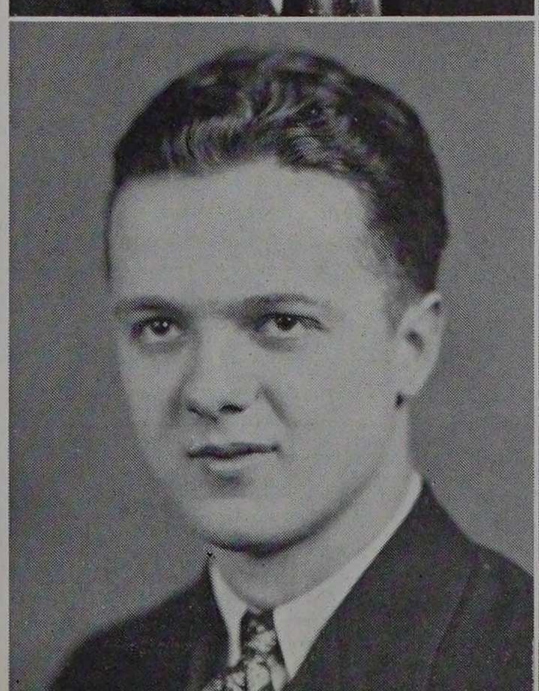
JACK GREGORY • Chicago

B.S. in Electrical Engineering
Rifle Club • AIEE • Phi Pi Phi








BERTRAM HARRY GRIESBACH • Chicago

B.S. in Mechanical Engineering
Campus Club • Chess Club • Armour Eye • Tech Players • ASME

JULIAN GROMBACHER • Chicago

B.S. in Chemical Engineering
Track • Chess Club • AIChE • ATSA • Rho Delta Rho

EUGENE D. GRYGLAS • Chicago

B.S. in Chemical Engineering
Boxing • AIChE • Alpha Chi Sigma

CHARLES W. HARRIS • Chicago

B.S. in Civil Engineering
WSE

HERBERT L. HARRISON • Chicago

B.S. in Mechanical Engineering
ASME • Cycle • Rho Delta Rho

JAMES D. HEBSON • Chicago

B.S. in Electrical Engineering
Tech News • AIEE • Eta Kappa Nu

PAUL F. HENRIKSEN • Chicago

B.S. in Mechanical Engineering
Basketball—Co-Captain • ASME • Black Knight • Honor A • Pi Tau Sigma • Tau Beta Pi

PAUL M. HOFFMAN • Wilmette

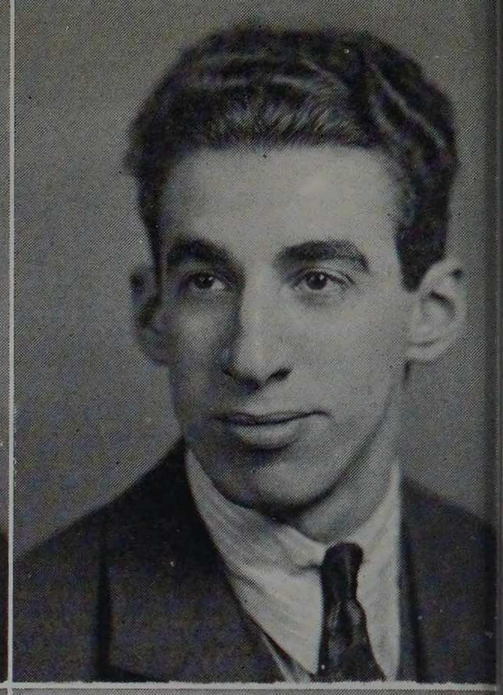
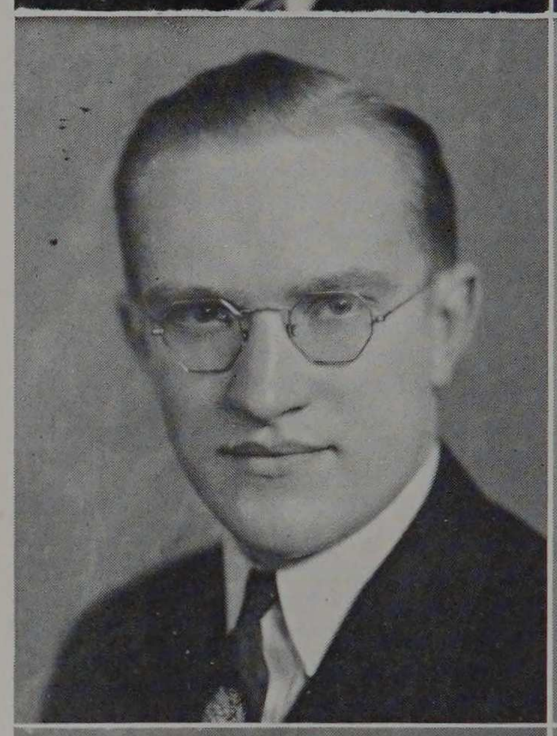
B.S. in Fire Protection Engineering
Orchestra • FPES • Pi Nu Epsilon • Salamander • Pi Kappa Phi—Pres.

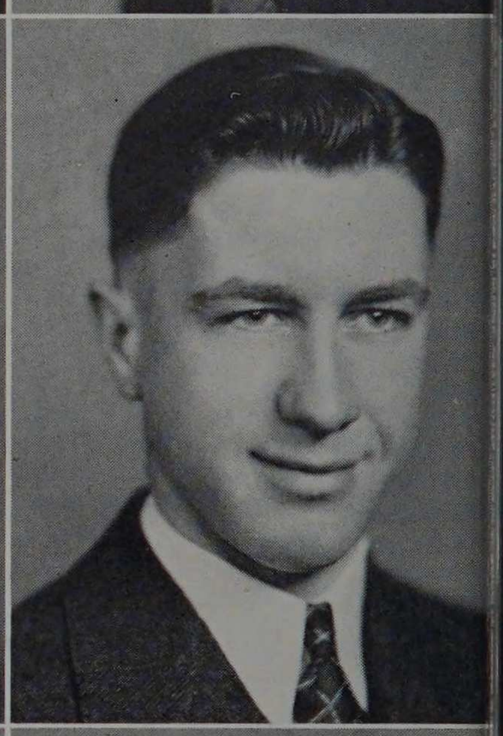
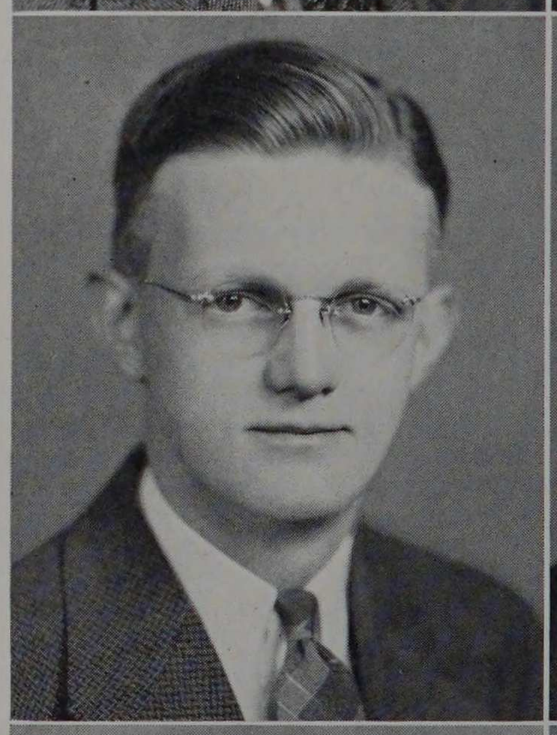
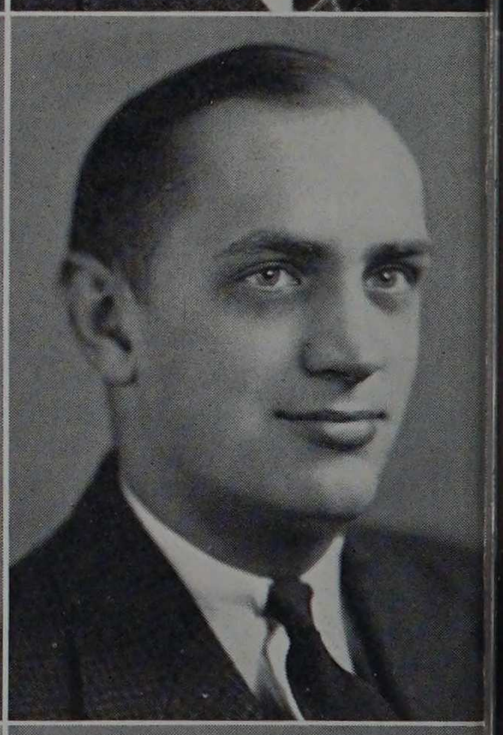
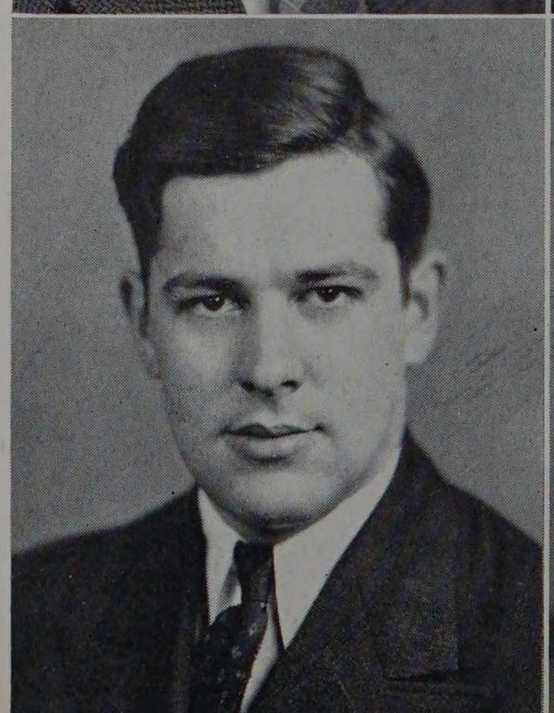
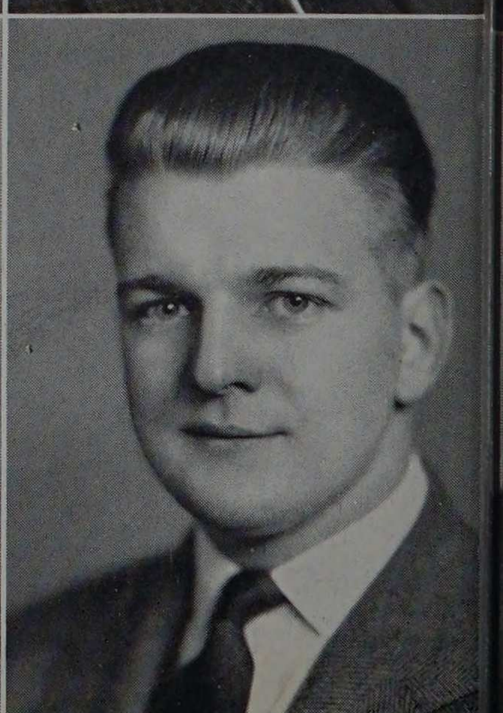
W. A. HOFMANN, Jr. • Des Plaines

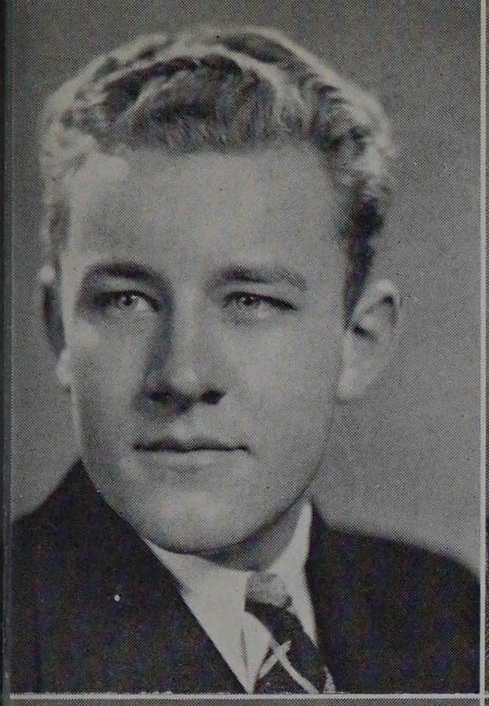
B.S. in Chemical Engineering
De Paul U. • Basketball • AIChE • Alpha Chi Sigma • Phi Lambda Upsilon

ERIC N. ISAKSON • Chicago

B.S. in Chemical Engineering
Senior Commission • Alpha Chi Sigma

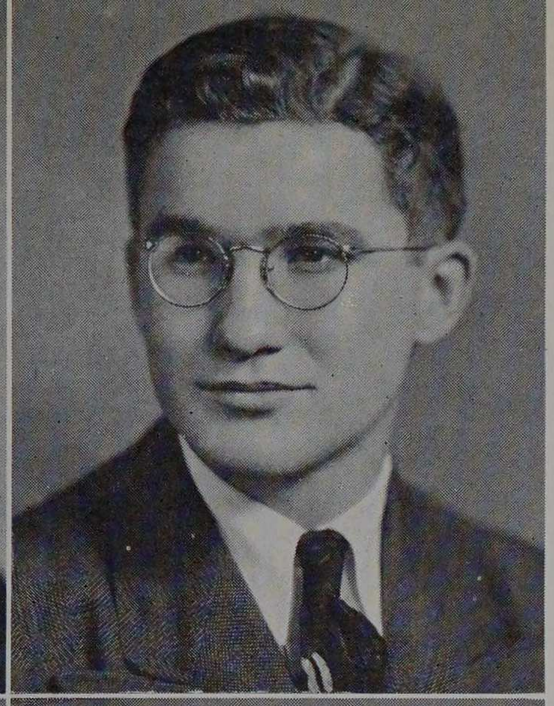






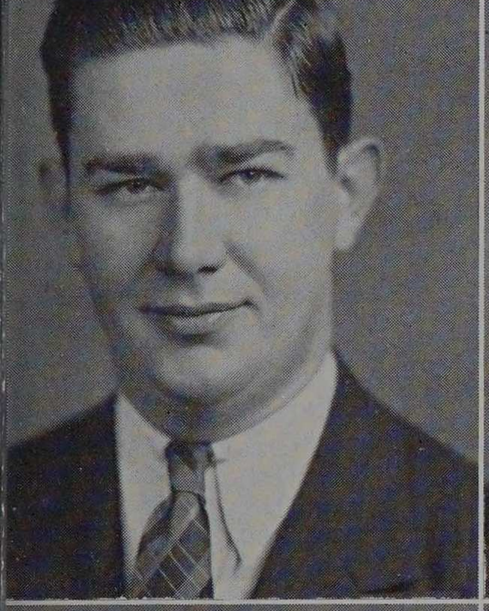
DANIEL W. JACOBSON • Chicago

B.S. in Fire Protection Engineering
Glee Club • FPES • Engineer and Alumnus • Senior Photography • Jewelry Committee • Cycle—Editor in Chief • Honor Marshal • Interhonorary Council • Sphinx • Salamander—President



ROBERT I. JAFFEE • Chicago

B.S. in Chemical Engineering
Wrestling • Tech Players • AIChE • Announcement Committee • Phi Lambda Upsilon • Sphinx • Tau Beta Pi • Rho Delta Rho



FRED G. JAHNKE • Chicago

B.S. in Mechanical Engineering
Orchestra • ASME • Armour Eye • Pi Nu Epsilon



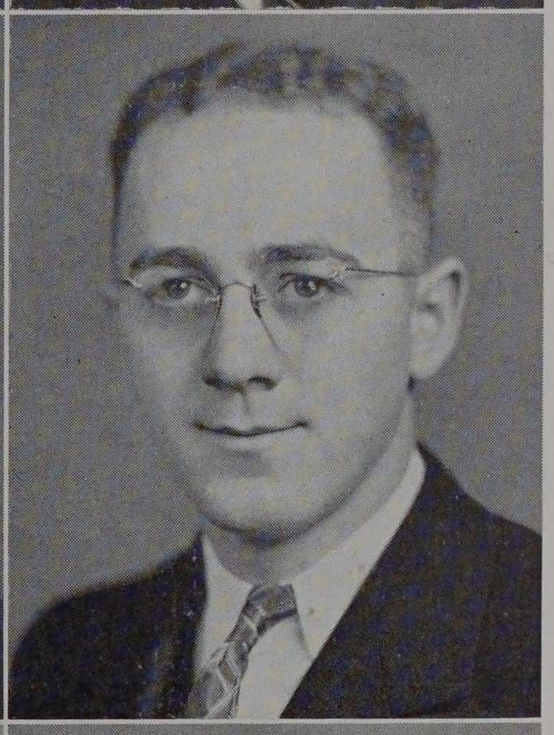
JOSEPH J. JANICEK • Chicago

B.S. in Mechanical Engineering
Basketball • Junior Marshal • ASME • Pi Tau Sigma—President • Tau Beta Pi



E. ERIC JOHANNISSON • Chicago

B.S. in Mechanical Engineering
ASME



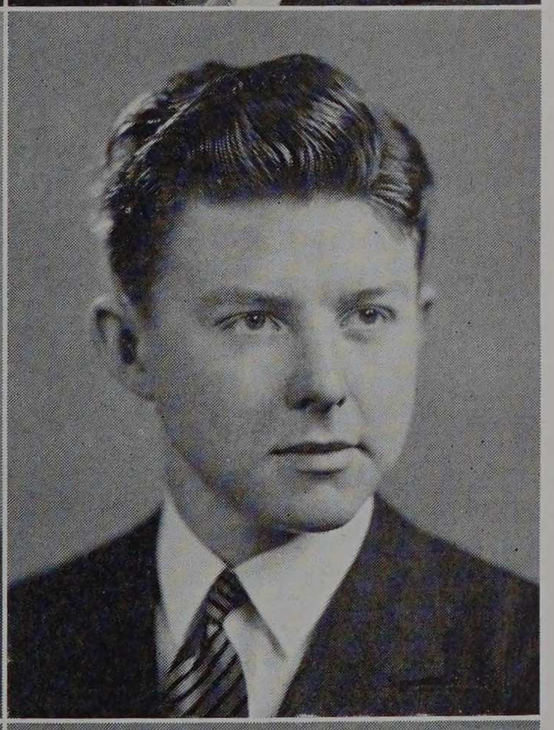
HAROLD C. JOHNSON • Chicago

B.S. in Chemical Engineering
Glee Club • Rifle Club • Tech News • AIChE



FRANK A. KAMAN • Grand Rapids

B.S. in Chemical Engineering



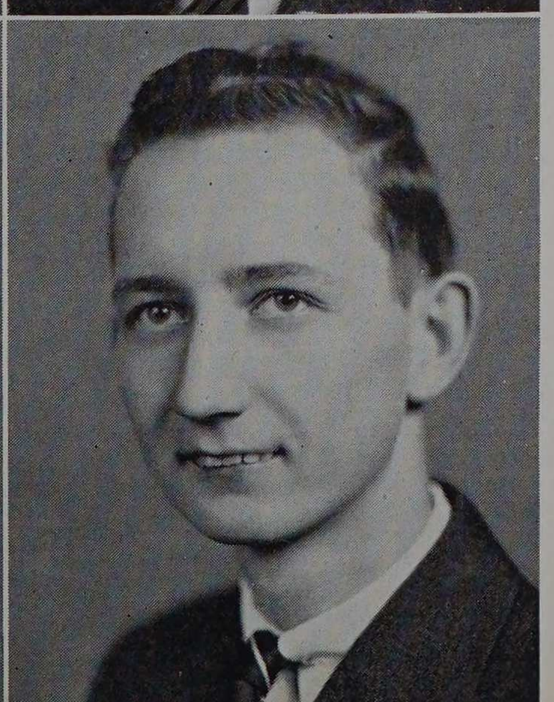
JOHN D. KEANE • Chicago

B.S. in Chemical Engineering
Glee Club • Tech Players • Tech News • Engineer and Alumnus • Honor Marshal • AIChE • Program Committee • Alpha Chi Sigma • Phi Lambda Upsilon • Tau Beta Pi



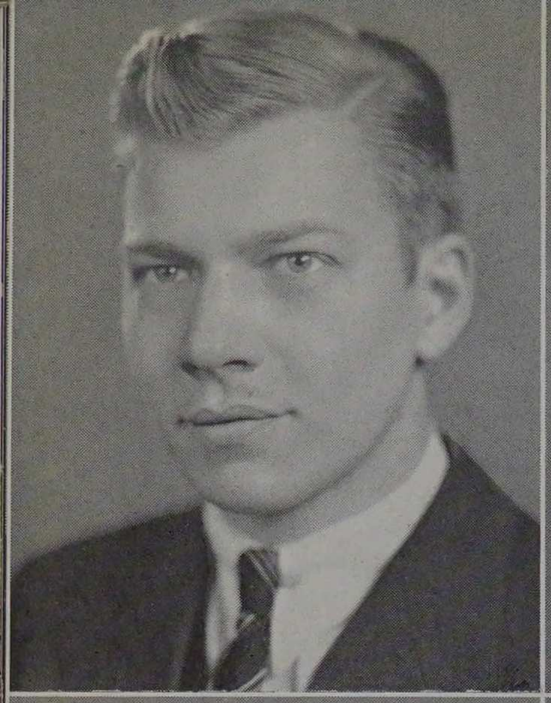
BENJAMIN KIRZ • Chicago

B.S. in Civil Engineering
WSE • Chi Epsilon



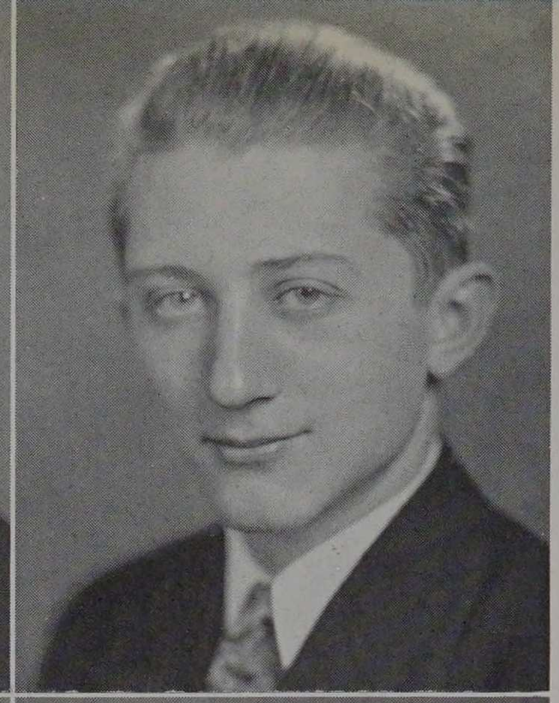
MILTON C. KESTER • Chicago

B.S. in Chemical Engineering
Boxing • Math Club • Rifle Club • Rifle Team • AIChE



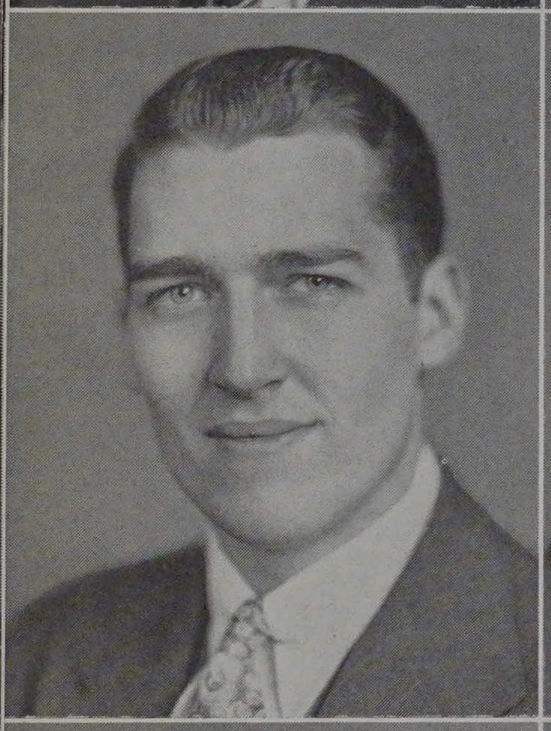
WILLIAM J. KOLASKE • Chicago

B.S. in Mechanical Engineering
Boxing • ASME • Glee Club



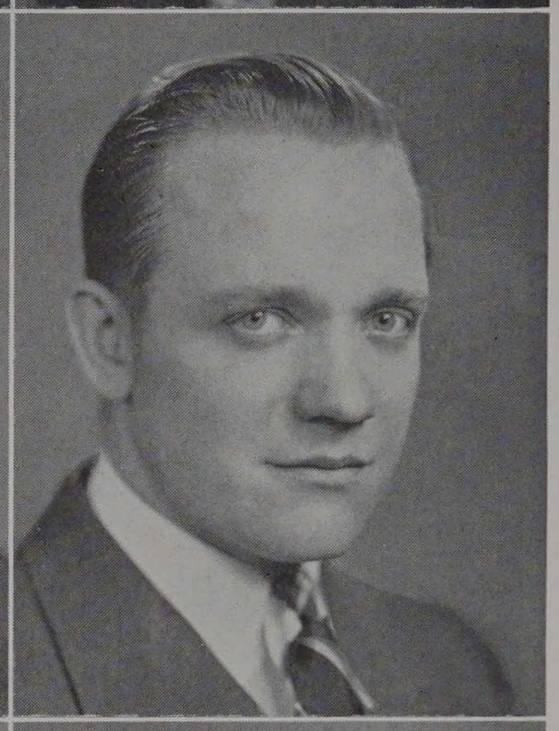
EDMUND K. KOSCIUCH • Chicago

B.S. in Mechanical Engineering
Glee Club • ASME



J. RUSSEL KOTAL • Chicago

B.S. in Electrical Engineering
Tech News—Editor-in-Chief • Glee Club • Rifle Club • AIEE • Senior Social Committee • Interhonorary Council • Black Knight • Pi Nu Epsilon • Sphinx—President.



STEPHEN E. KROLL • Chicago

B.S. in Mechanical Engineering
ASME • WSE



WILLARD E. KRUSE • Chicago

B.S. in Chemical Engineering
Baseball—Captain • Boxing • ATSA • AIChE • Honor A—Pres. • Alpha Chi Sigma • Phi Lambda Upsilon • Black Knight



WILLIAM J. KURTZ • Chicago

B.S. in Electrical Engineering
AIEE • Radio Club



ERNEST W. LANDOW • Chicago

B.S. in Mechanical Engineering
Central "Y" College • ASME • Armour Eye



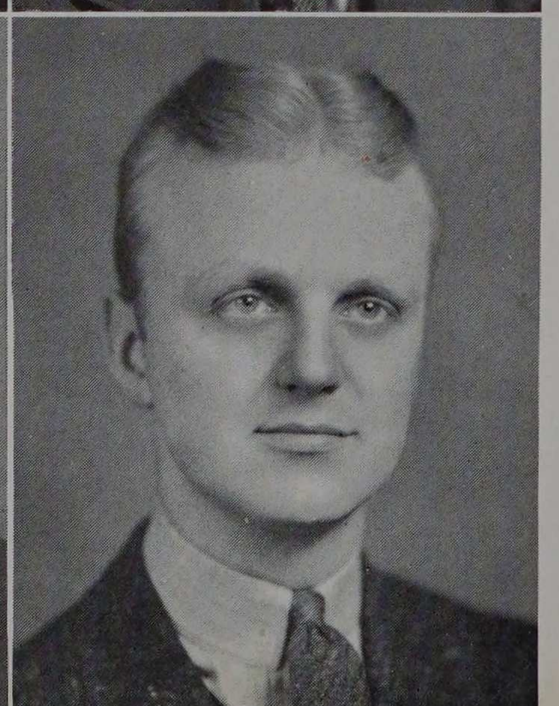
BEN G. LEASE • Chicago

B.S. in Mechanical Engineering



ALLAN LEVENBERG • Chicago

B.S. in Chemical Engineering



JOHN C. LINDAHL • Evanston

B.S. in Architecture
Boxing • '38 Cycle • AAS • Scarab • Beta Omega Nu • Phi Kappa Sigma

EDWIN J. LOUTZENHEISER • Gothenburg, Neb.
B.S. in Chemical Engineering
AIChE • Orchestra • Phi Lambda Upsilon • Pi Nu Epsilon • Tau Beta Pi—Pres. • Alpha Chi Sigma • ATSA • Honor Marshal • Interhonorary Council • Triangle

BERNDT K. LYCKBERG • Chicago
B.S. in Chemical Engineering
Baseball • Glee Club • Junior Marshal • '38 Cycle • AIChE • Pi Nu Epsilon • Alpha Chi Sigma • Phi Lambda Upsilon • Tau Beta Pi

EDWARD F. MARIK • Bellwood
B.S. in Electrical Engineering
Glee Club • Armour Eye • AIEE • Eta Kappa Nu

JOHN L. MASIN • Berwyn
B.S. in Chemical Engineering
ASME • AIChE • SAM

RICHARD F. MAY • Chicago
B.S. in Chemical Engineering
AIChE • Golf Team • SAM

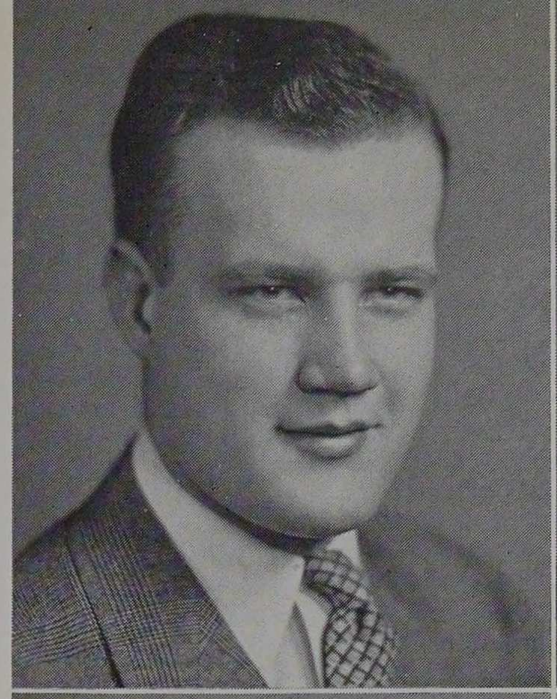
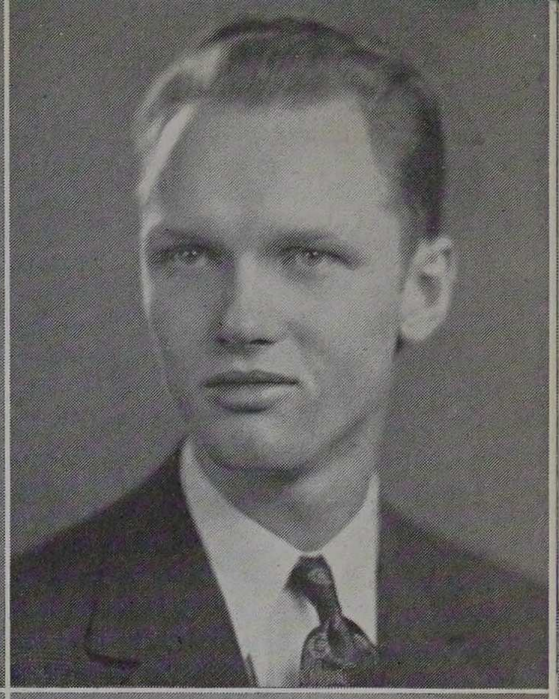
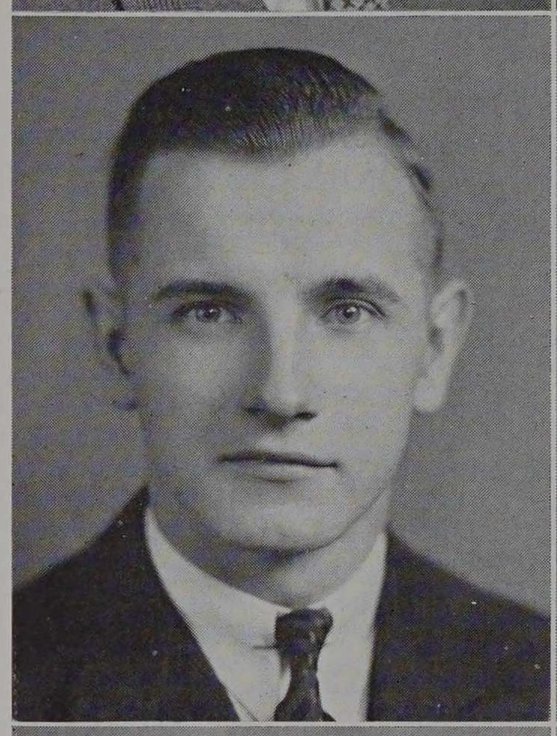
JOHN B. McCORMACK • Chicago
B.S. in Electrical Engineering
U. of Denver • AIEE

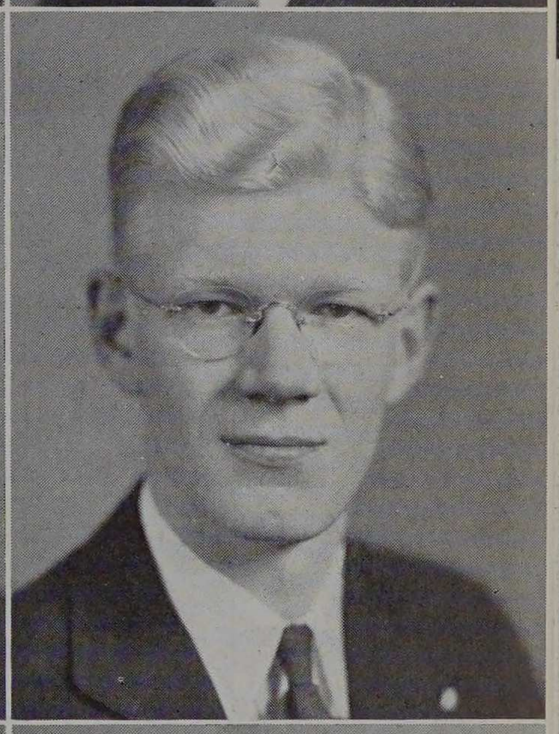
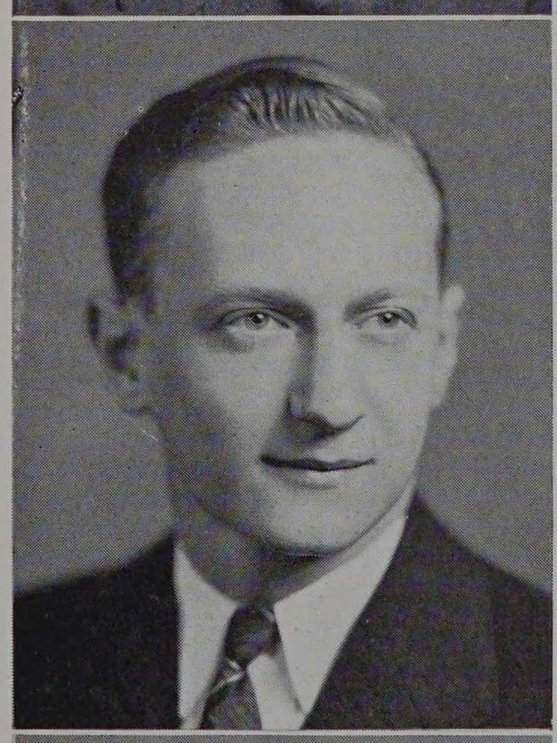
HARDEY I. McDANIEL • Oak Park
B.S. in Chemical Engineering
Wrestling • Rifle Team • Glee Club • AIChE

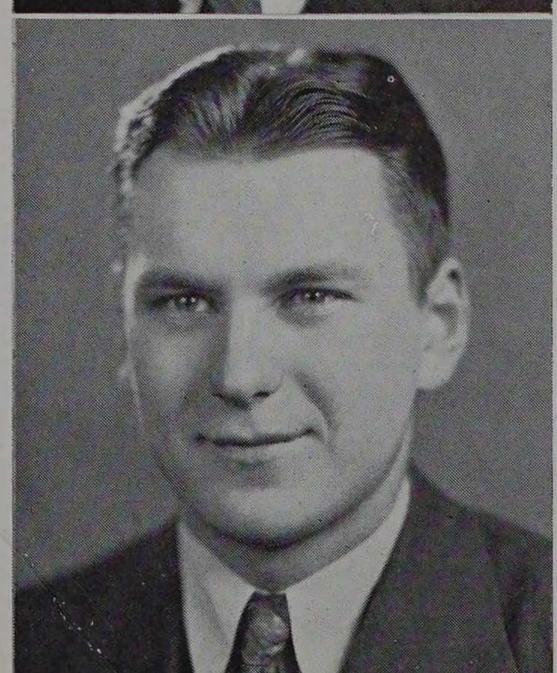
HENRY L. MIKOLAJCZYK • Chicago
B.S. in Architecture
AAS • Rifle Team

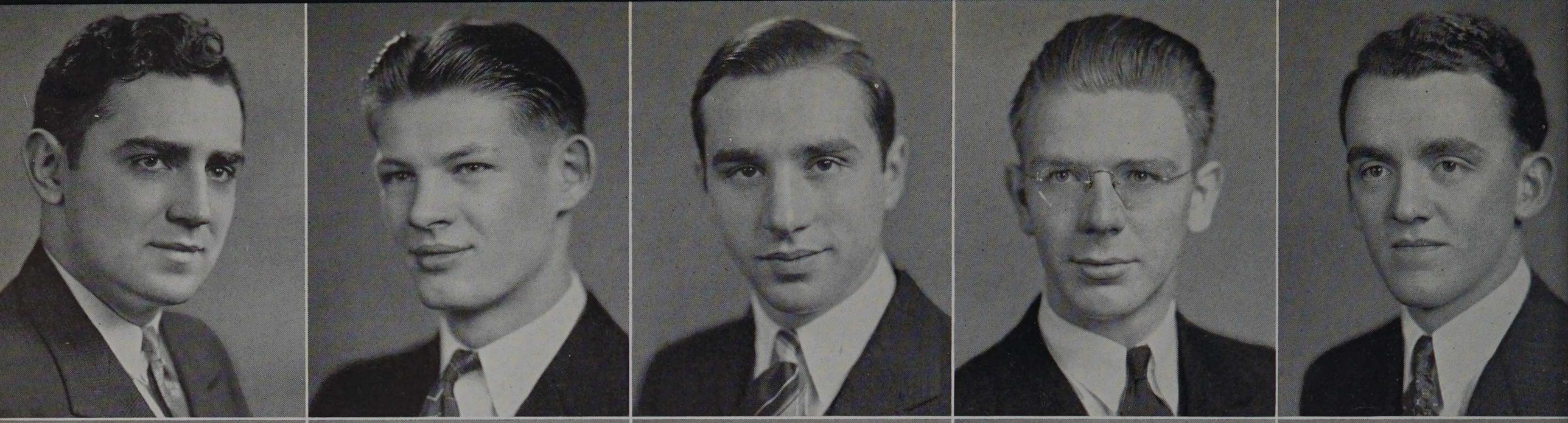
P. PETER MILEIKA • Summit
B.S. in Mechanical Engineering
Basketball • ASME

SAMUEL P. MILLER • Chicago
B.S. in Mechanical Engineering
Track • Math Club • ASME



EDWIN C. MITCHELL • Chicago

B.S. in Mechanical Engineering
'39 Social Committee • Tech Players • ASME • Cycle • Soph. Class President

SIGMUND J. L. MOCULESKI • Chicago

B.S. in Chemical Engineering
Glee Club • Baseball • AIChE • Senior Commission • Senior Social Committee • Cycle • Phi Lambda Upsilon

EDWARD MORRIS • Chicago

B.S. in Mechanical Engineering
ASME • Commencement Committee • Interfraternity Council • Rho Delta Rho—Pres.

GUY F. MORRIS • Chicago

B.S. in Chemical Engineering
Rifle Club • Orchestra • Rifle Team • Tech News • Alpha Chi Sigma

ROBERT J. MORRISON • Chicago

B.S. in Fire Protection Engineering
Basketball • Tech News • FPES

T. EDWIN MOSELEY • Chicago

B.S. in Architecture

FRED NEUBAUER • Chicago

B.S. in Civil Engineering
WSE • Rifle Club • Triangle

ELMER H. OLSON • Chicago

B.S. in Civil Engineering

EDWARD K. OSTERBERG • Chicago

B.S. in Electrical Engineering
Orchestra • AIEE • Eta Kappa Nu

BERNARD F. OSWALD • Chicago

B.S. in Mechanical Engineering
ASME • Jewelry Committee • SAM • Frosh Class Pres.

ANTON S. PATER • Cicero
B.S. in Chemical Engineering
AIChE • Phi Lambda Upsilon

PAUL J. PELTIER • Chicago
B.S. in Chemical Engineering
Rifle Club • Rifle Team • Black Knight • Alpha Chi Sigma • AIChE • SAM • Phi Lambda Upsilon • Tau Beta Pi

WILLIAM HENRY PENN • Chicago
B.S. in Engineering Science
Baseball • Triangle

CARROLL V. PETERSON • Chicago
B.S. in Chemical Engineering
Glee Club • Announcement Committee • AIChE • Alpha Chi Sigma

GEORGE J. PRAWDZIK • Chicago
B.S. in Civil Engineering
Basketball • WSE

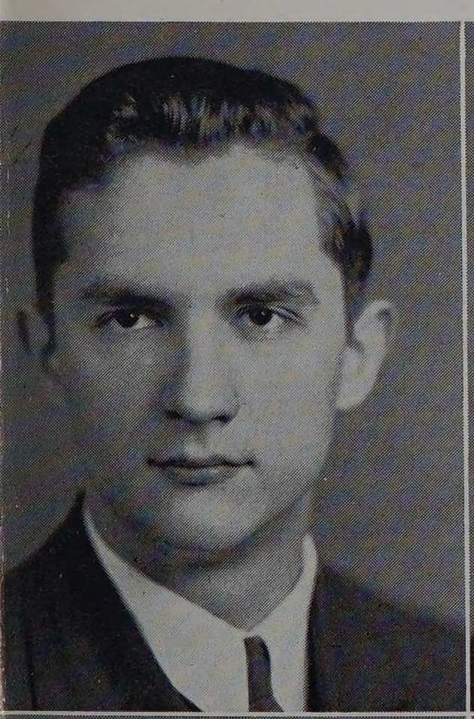
THOMAS F. QUARNSTROM • Chicago
B.S. in Electrical Engineering
AIEE • Campus Club • Radio Club • Rho Epsilon

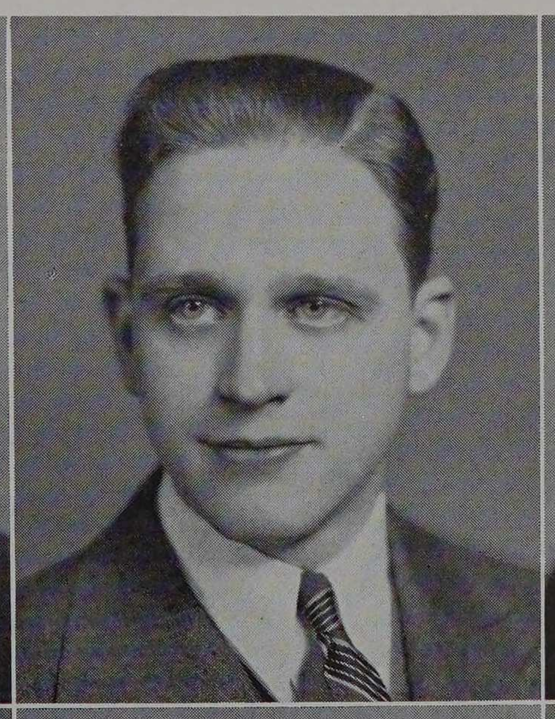
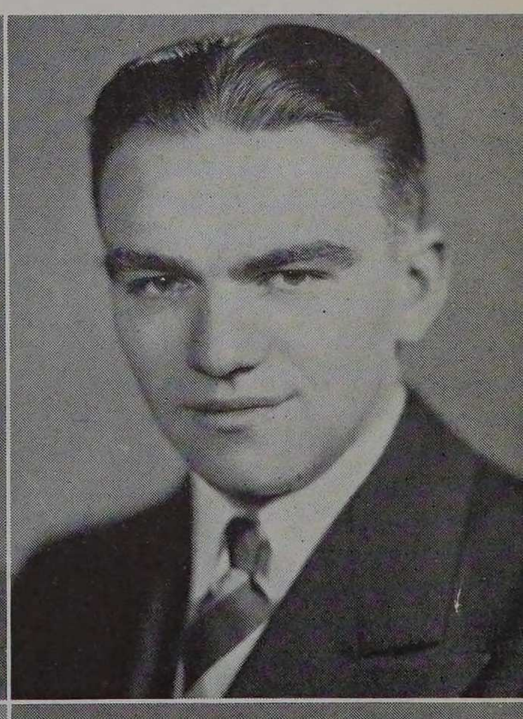
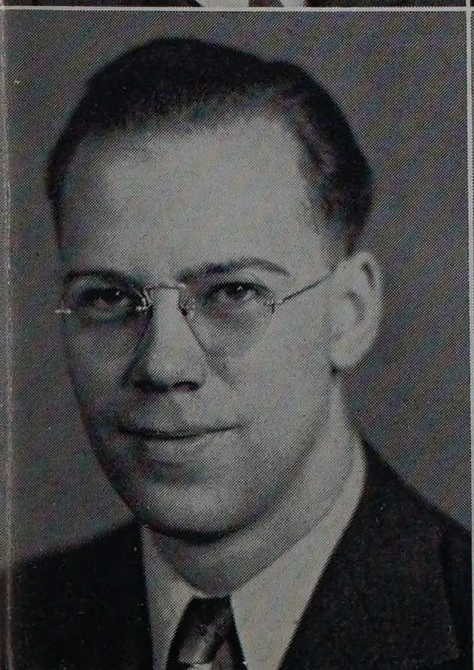
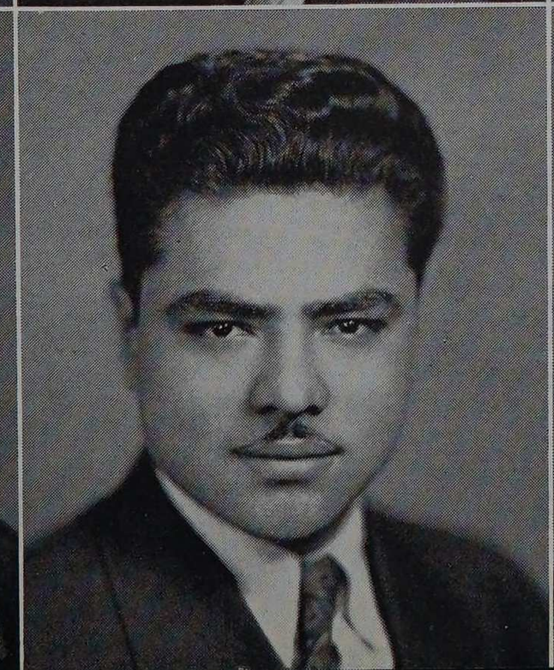
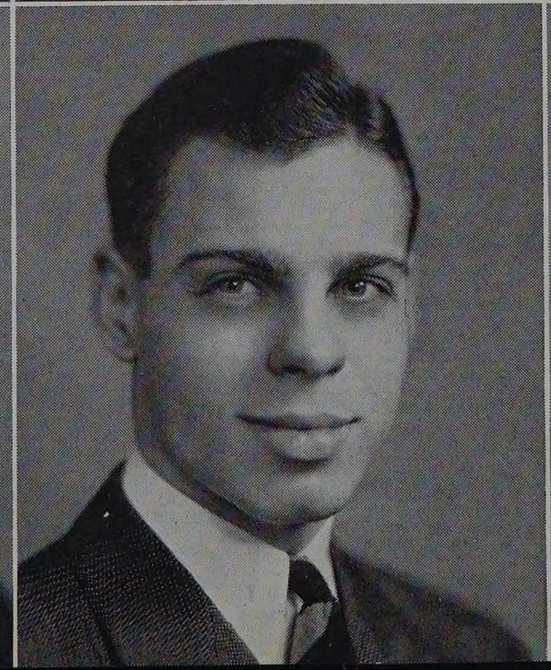
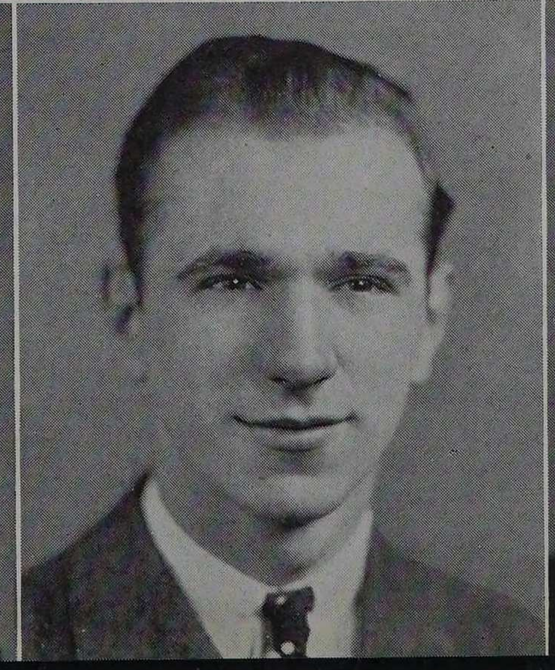
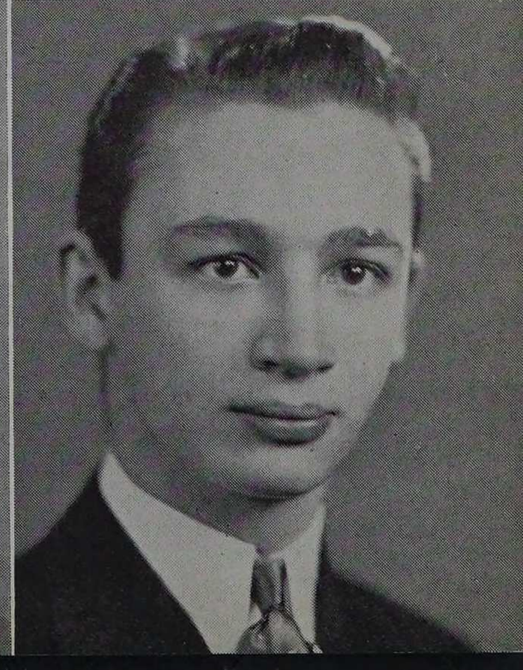
JOSEPH P. RAMIREZ • Chicago
B. S. in Civil Engineering

JOHN J. RATTO • Chicago
B.S. in Chemical Engineering
Track—Manager • Cheer Leader • Rifle Team • '38 Cycle • Engineer and Alumnus • Tech News • Jewelry Committee • AIChE • Alpha Chi Sigma

JOHN REA, Jr. • Chicago
B.S. in Architecture
AAS • Tech Players • Tech News • Scarab

CARL W. REH • Chicago
B.S. in Civil Engineering
Fencing • Orchestra • Senior Commission • Announcement Committee • WSE • Chi Epsilon • Pi Nu Epsilon • Sphinx



GEORGE REINHARDT • Wilmette
B.S. in Chemical Engineering
U. of Illinois • Chess Club • AIChE

NORMAN D. RICE • Chicago
B.S. in Mechanical Engineering
Glee Club • ASME • '38 Cycle • '39 Cycle—Business Manager • Pi Nu Epsilon • Pi Tau Sigma • Tau Beta Pi

AMBROSE M. RICHARDSON • Chicago
B.S. in Architecture
AAS • Senior Commission • Commencement Committee • Tau Beta Pi • Scarab—President

DON C. ROGGE • Gary
B.S. in Fire Protection Engineering
FPES • Interfraternity Council • Salamander • Triangle—President

LEO P. ROPEK • Chicago
B.S. in Electrical Engineering

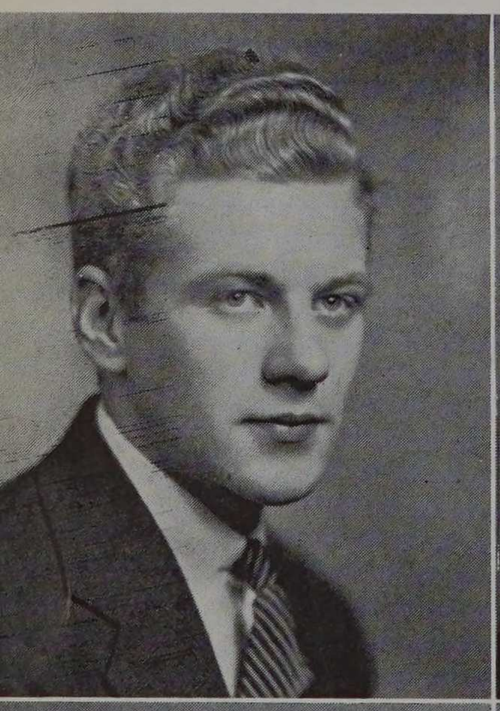
HARVEY ROTHENBERG • Chicago
B.S. in Chemical Engineering
Track • Boxing • AIChE • Honor A • Rho Delta Rho

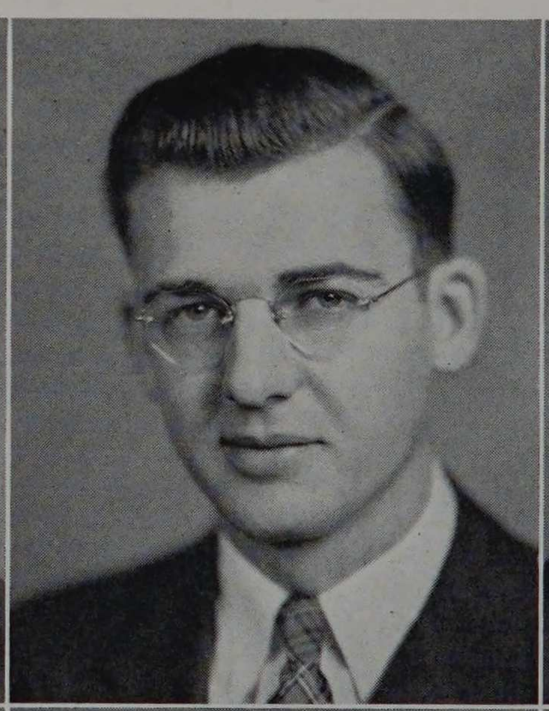
WILLIAM A. RYAN • Chicago
B.S. in Chemical Engineering
Track • AIChE • Announcement Committee • Alpha Chi Sigma

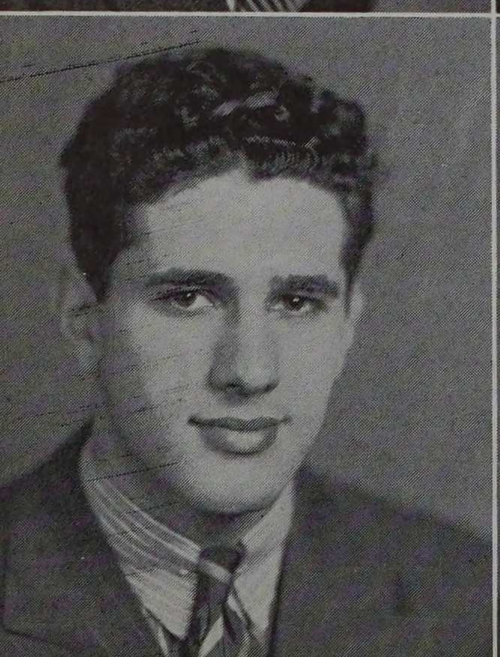
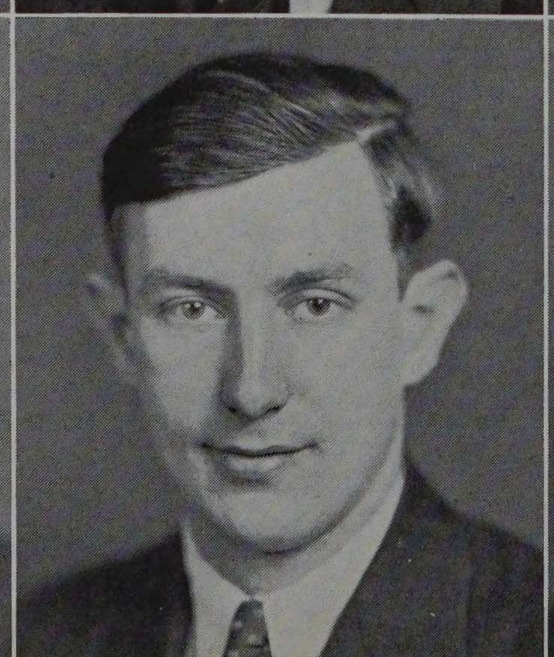
DONALD J. SAIGH • Chicago
B.S. in Civil Engineering
WSE • Chi Epsilon

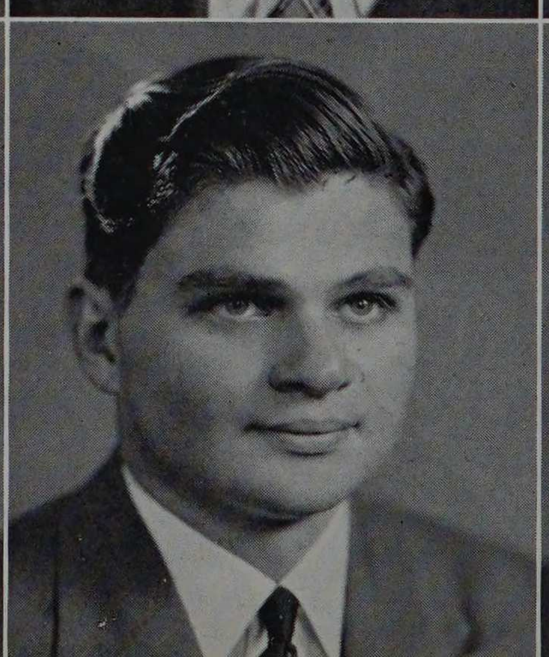
I. ERWIN SCHLIFKE • Chicago
B.S. in Mechanical Engineering
Wrestling • ASME • Interfraternity Council • Sigma Alpha Mu

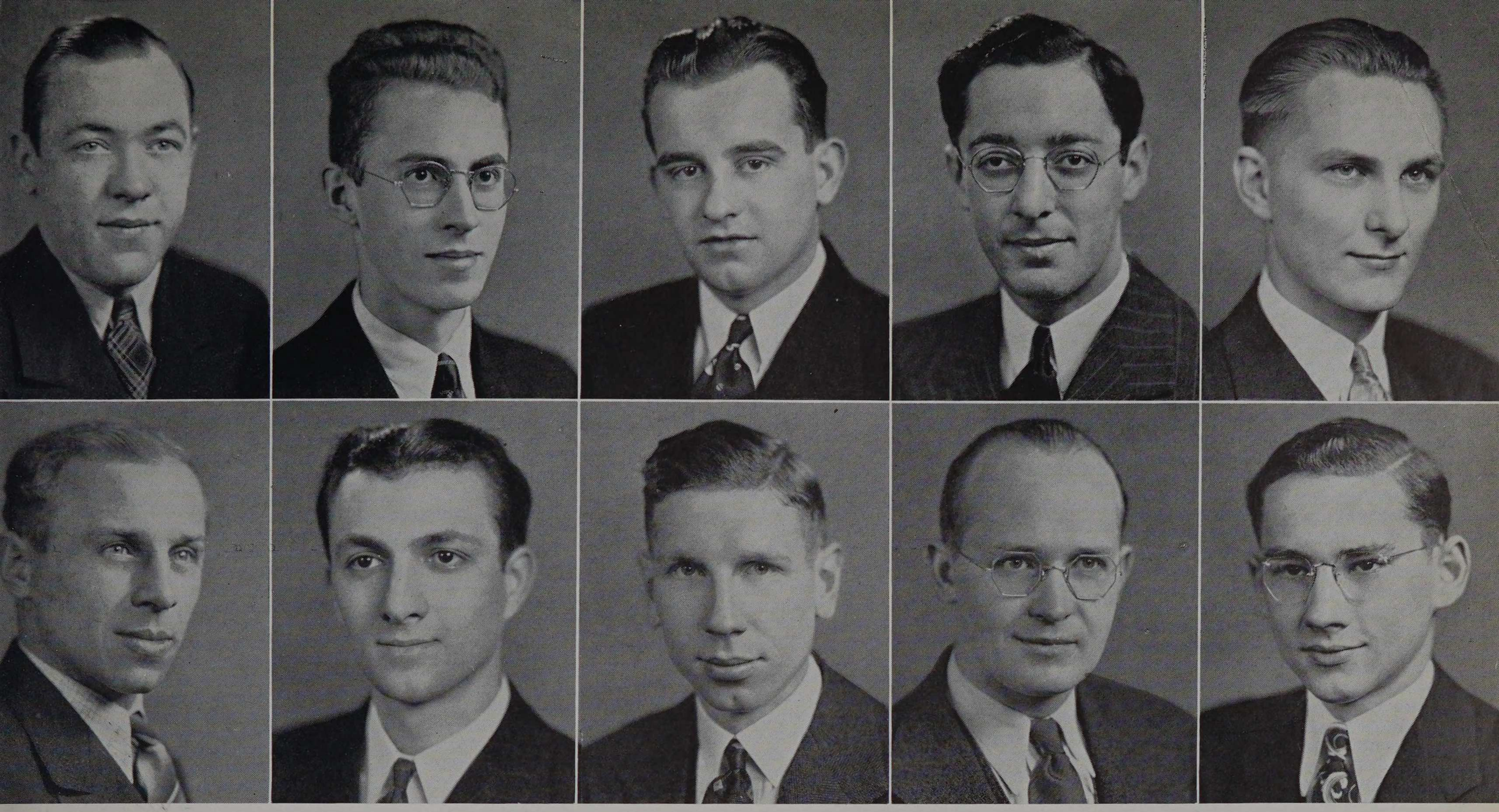
HYMAN SCHWARTZ • Chicago
B.S. in Mechanical Engineering
Glee Club • ASME





GEORGE A. SCOTT • Rockford
B.S. in Architecture
Scarab

EDWARD STARON • Chicago
B.S. in Mechanical Engineering
ASME

ROGER T. SMITH • Maywood
B.S. in Chemical Engineering
Math Club • Tech News • AIChE • Commencement Committee • Alpha Chi Sigma • Phi Lambda Upsilon

LAWRENCE STROCCHIA • Chicago
B.S. in Electrical Engineering
Glee Club • AIEE • Cap and Gown Committee • Eta Kappa Nu

HARRY C. SOUKUP • Chicago
B.S. in Mechanical Engineering
ASME • Pi Tau Sigma

EDWARD R. SWANSON • Chicago
B.S. in Fire Protection Engineering
Tennis • Basketball—Co-Captain • FPES • Honor A

SAM. C. SPENCER • Chicago
B.S. in Chemical Engineering
ATSA • AIChE • Rho Delta Rho

VERNON TERP • Chicago
B.S. in Electrical Engineering
AIEE • Eta Kappa Nu

ALLEN J. SPENGLER • Chicago
B.S. in Chemical Engineering
Glee Club • AIChE • Pi Nu Epsilon

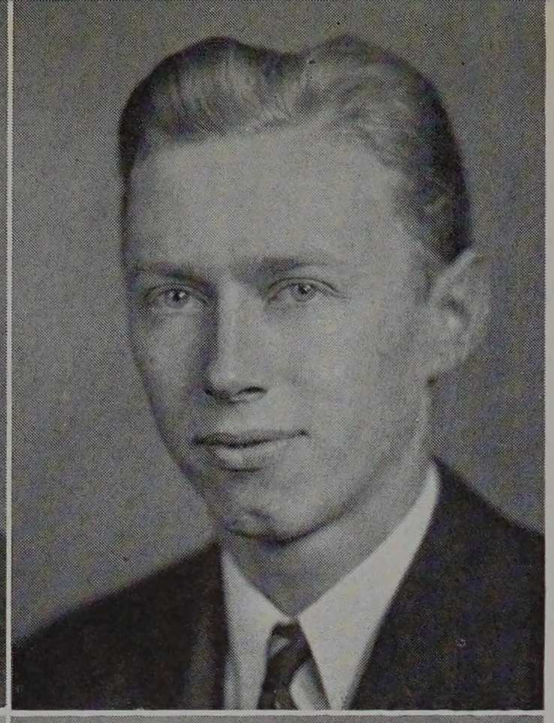
GEORGE W. THOMAS • Cicero
B.S. in Chemical Engineering
Central "Y" College • AIChE



RALPH R. TULLGREN • Chicago

B.S. in Civil Engineering

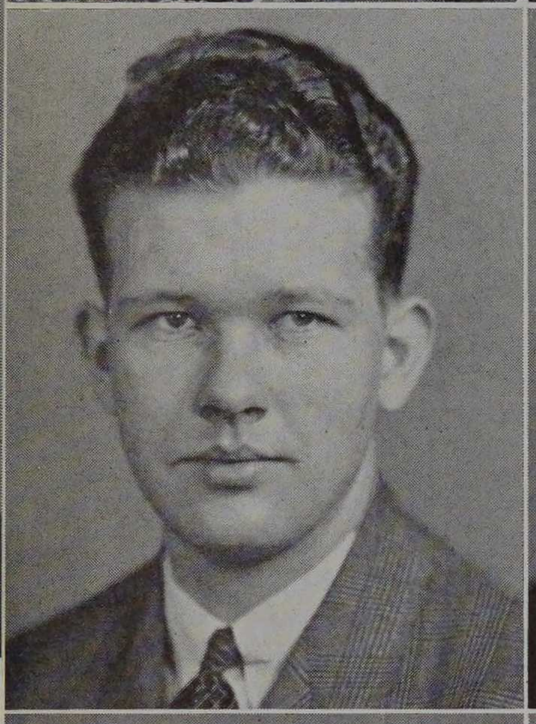
Wrestling—Captain • Pentathlon • Baseball • Campus Club • WSE • Jewelry Committee • Honor A • Delta Tau Delta



EARL L. VAN ALSBURG • Chicago

B.S. in Mechanical Engineering

ASME • '38 Cycle



RICHARD N. VANDEKIEFT • Villa Park

B.S. in Mechanical Engineering

Senior Commission • Cap and Gown Committee • Honor A • ASME • ATSA • Glee Club • Track • Beta Omega Nu • Phi Pi Phi • Black Knight



VINCENT F. VOLPE • Chicago

B.S. in Mechanical Engineering

ASME • '38 Cycle



EVERETT F. WAGNER • Park Ridge

B.S. in Engineering Science

Rifle Club • AIChE • Senior Commission • Commencement Committee • Alpha Chi Sigma



WILLIAM A. WAGNER • Chicago

B.S. in Architecture

AAS • Engineer and Alumnus • Junior Marshal • Senior Commission • Announcement Committee • Wrestling • Scarab



DONALD M. WAY • Chicago

B.S. in Civil Engineering

Boxing • WSE • Chi Epsilon



JOHN R. WILKINSON • Chicago

B.S. in Architecture

AAS • Orchestra • Glee Club

ROBERT A. WINBLAD • Chicago

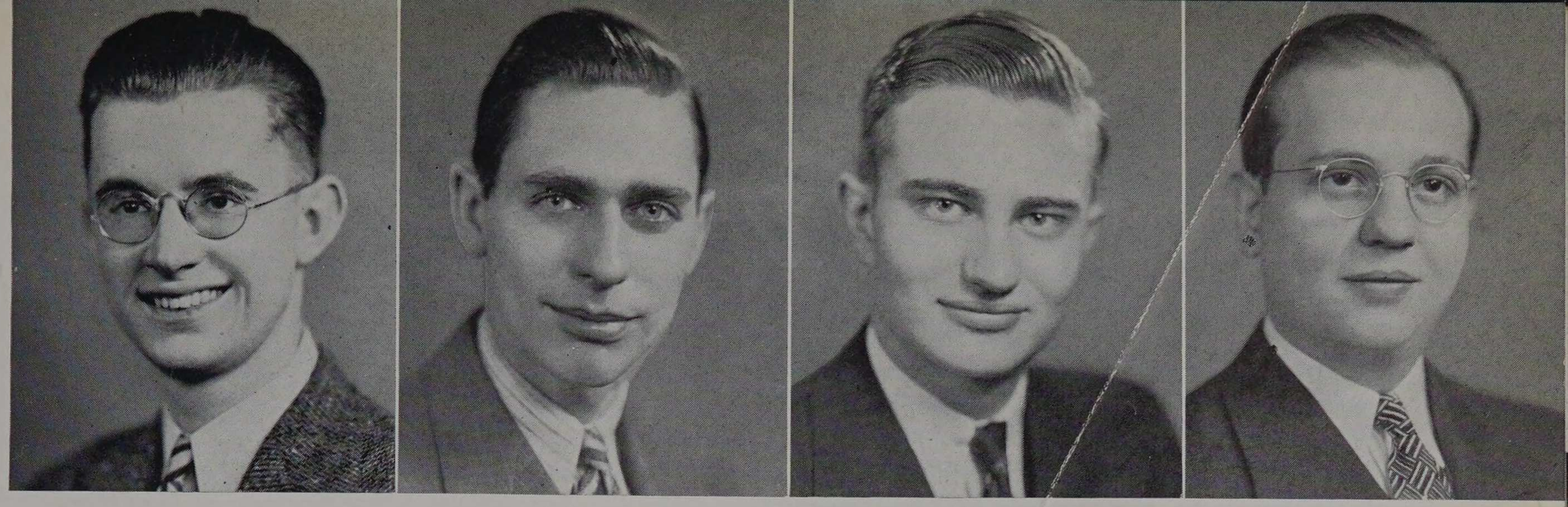
B.S. in Mechanical Engineering

Tech News • Swimming—Captain • Golf Team—Manager • Glee Club • Announcement Committee • ASME • Beta Omega Nu • Pi Nu Epsilon • Pi Tau Sigma • Pi Kappa Phi

LAWRENCE F. WOODING • Chicago

B.S. in Electrical Engineering

AIEE • Armour Eye • Rifle Club



THOMAS W. YEAKLE, Jr. • Chicago
B.S. in Fire Protection Engineering
Glee Club • Math Club • FPES • Chess Club • Musical Clubs—President • Tech News • Honor Marshal • Basketball—Manager • Black Knight • Pi Nu Epsilon • Sphinx • Salamander • Tau Beta Pi

ROBERT S. YOUNG • Chicago
B.S. in Mechanical Engineering

RICHARD W. YOUNG • Danville, Ill.
B.S. in Mechanical Engineering
Glee Club • Orchestra • ASME • Pi Nu Epsilon • Theta Xi

A. MORDECAI ZAREM • Chicago
B.S. in Electrical Engineering
AIEE • Tech News • Senior Commission • WSE • Jewelry Committee • Math Club • Chess Club • Honor Marshall • Rho Epsilon • Sphinx • Eta Kappa Nu • Tau Beta Pi

SENIORS WITHOUT PICTURES

WILLIAM J. CAPODANNO • Chicago
B.S. in Chemical Engineering
Lewis Institute • Boxing • AIChE

WILLIAM GRAF • Chicago
B.S. in Mechanical Engineering

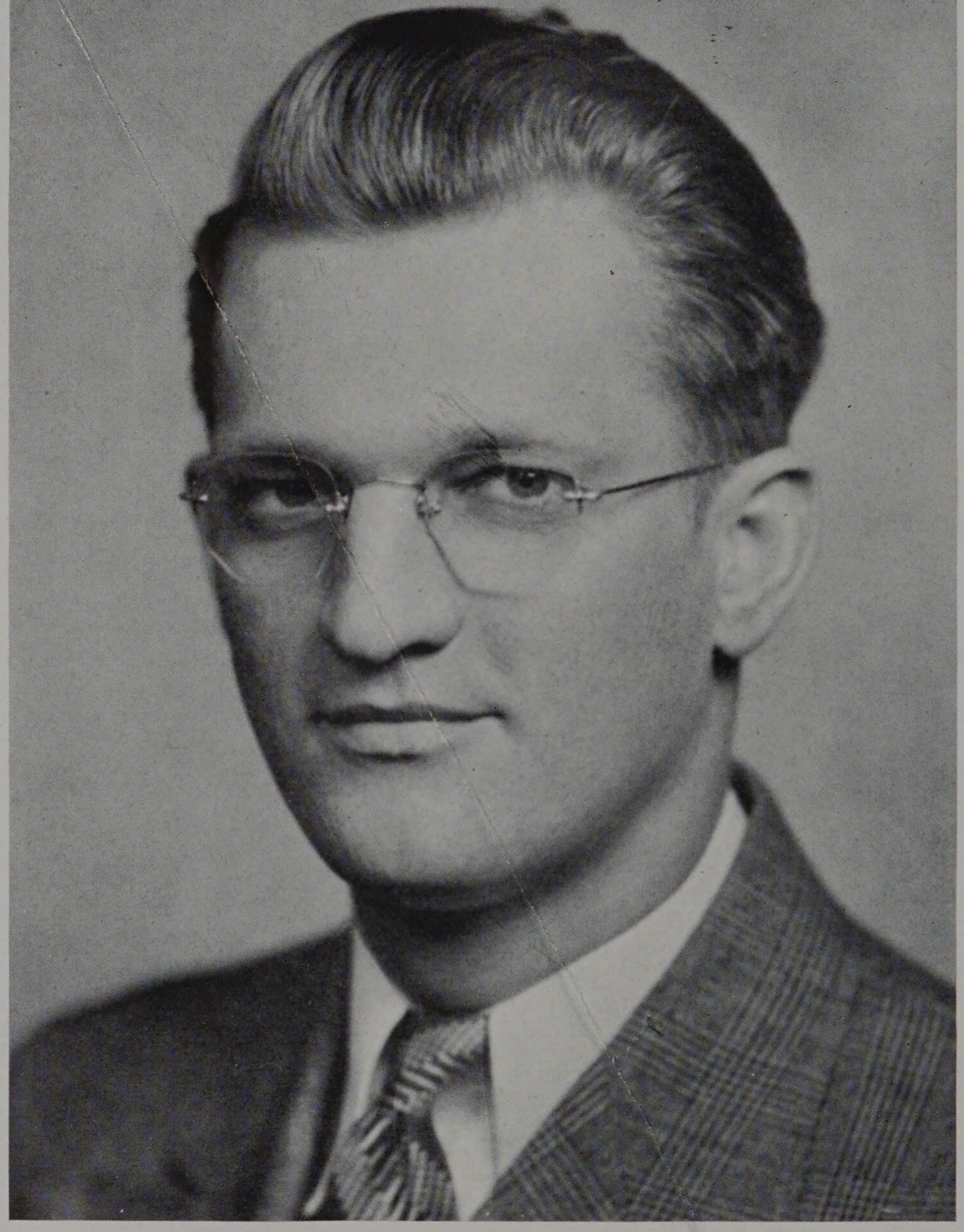
BERNHARDT LORENZEN • Chicago
B.S. in Electrical Engineering
AIEE

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.

IN MEMORIAM



CHARLES J. KOVACIK
1914-1938

ROBERT W. ARNDT
(No picture)
1918-1939

SENIOR CLASS COMMITTEES

SOCIAL COMMITTEE

B. G. Anderson
W. D. Chapman
T. A. Collier
I. M. Footlik
R. Kotal
E. C. Mitchell
S. J. L. Moculeski

JEWELRY COMMITTEE

A. M. Zarem
S. P. Finnegan
D. W. Jacobson
R. B. Boertitz
B. F. Oswald
J. J. Ratto
R. R. Tullgren

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A. J. Dempsey
E. Morris
A. M. Richardson
R. T. Smith
E. F. Wagner

ANNOUNCEMENT COMMITTEE

R. E. Dixon
R. I. Jaffee
C. Peterson
C. W. Reh
W. A. Ryan
R. A. Winblad
W. A. Wagner

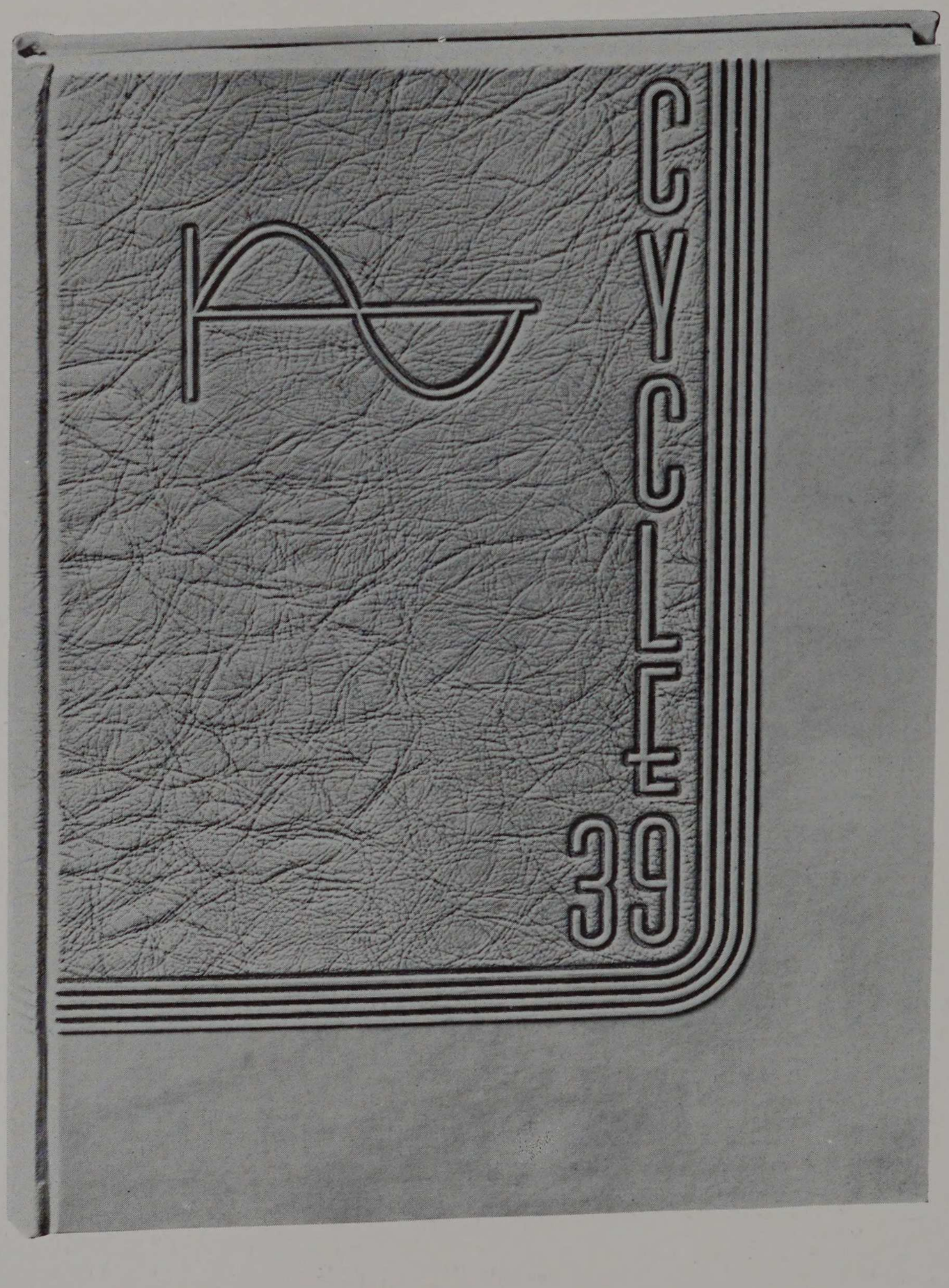
CAP AND GOWN COMMITTEE

T. A. Clark
R. N. Vandekieft

SENIOR PHOTOGRAPHY

D. W. Jacobson

HONOR AWARDS OF



THE 1939 CYCLE AWARD FOR HIGH SCHOLARSHIP*

John Rea, Jr. . . . . Department of Architecture

Max Ephraim, Jr. . . . . Department of Mechanical Engineering

Harold S. Anthon . . . . . Department of Civil Engineering

A. Mordecai Zarem . . . . . Department of Electrical Engineering

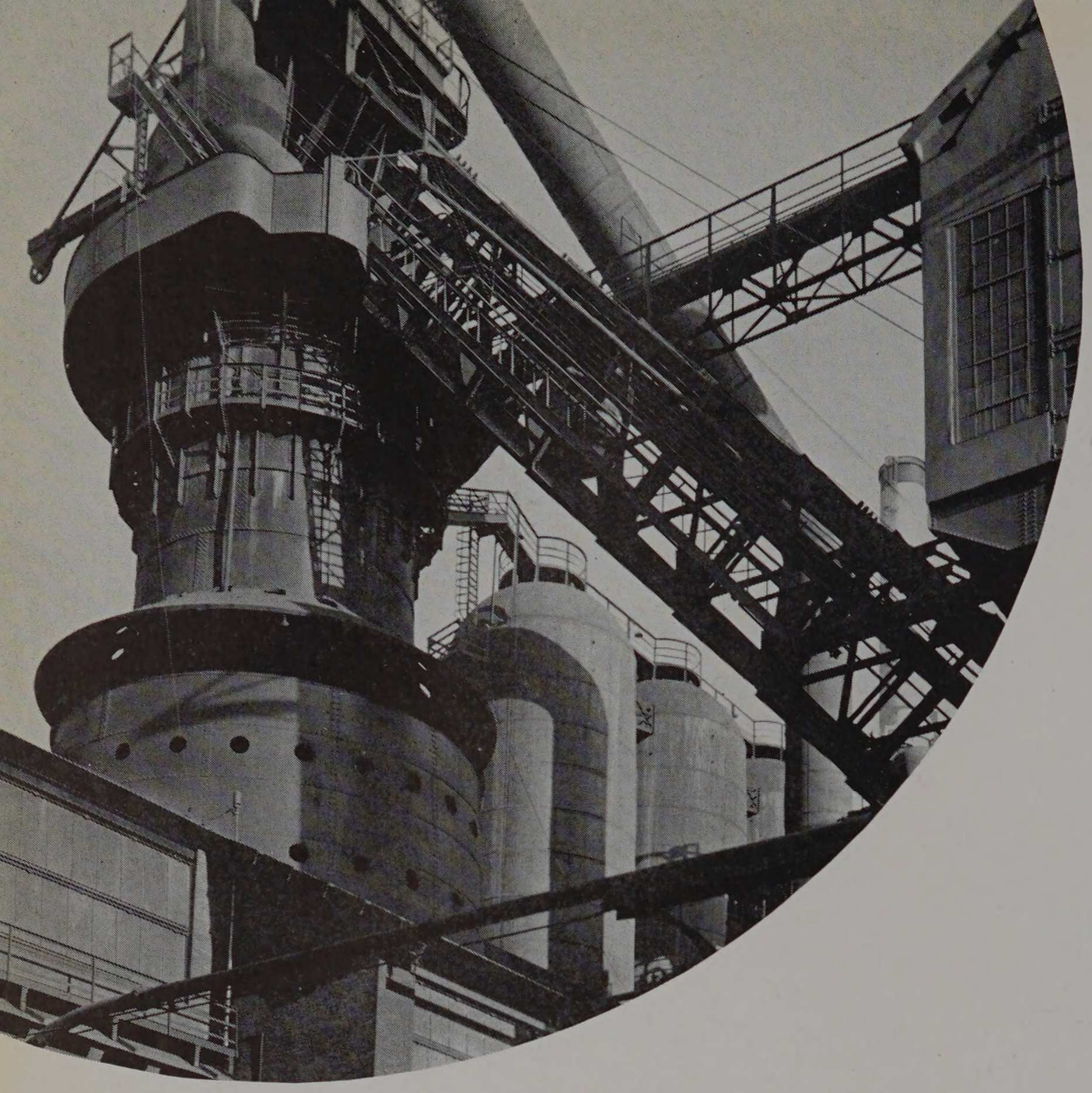
Edwin J. Loutzenheiser . . . . . Department of Chemical Engineering

Daniel W. Jacobson . . . . . Department of Fire Protection Engineering

*This award has been made in consideration of scholastic standing at the time the CYCLE went to press.

THE ARMOUR TECH STUDENT ASSOCIATION HONOR CYCLE AWARD

Thomas Clark
Thomas Collier
Stephen P. Finnegan
Paul Henriksen
Joseph Janicek
Willard Kruse
Edward Swanson
Ralph Tullgren
Richard Vandekieft
Robert Winblad



ARMOUR

Unique is the position of the co-operative students at Armour. In school during only one-half of a five year period, they spend the remaining time gaining engineering experience by working in industry. A new and radical departure from standard college training this may seem, yet it is not so much as one might believe: The co-operative system of education was first introduced in 1906 at the University of Cincinnati from whence, by 1930, it had spread to nineteen engineering colleges.

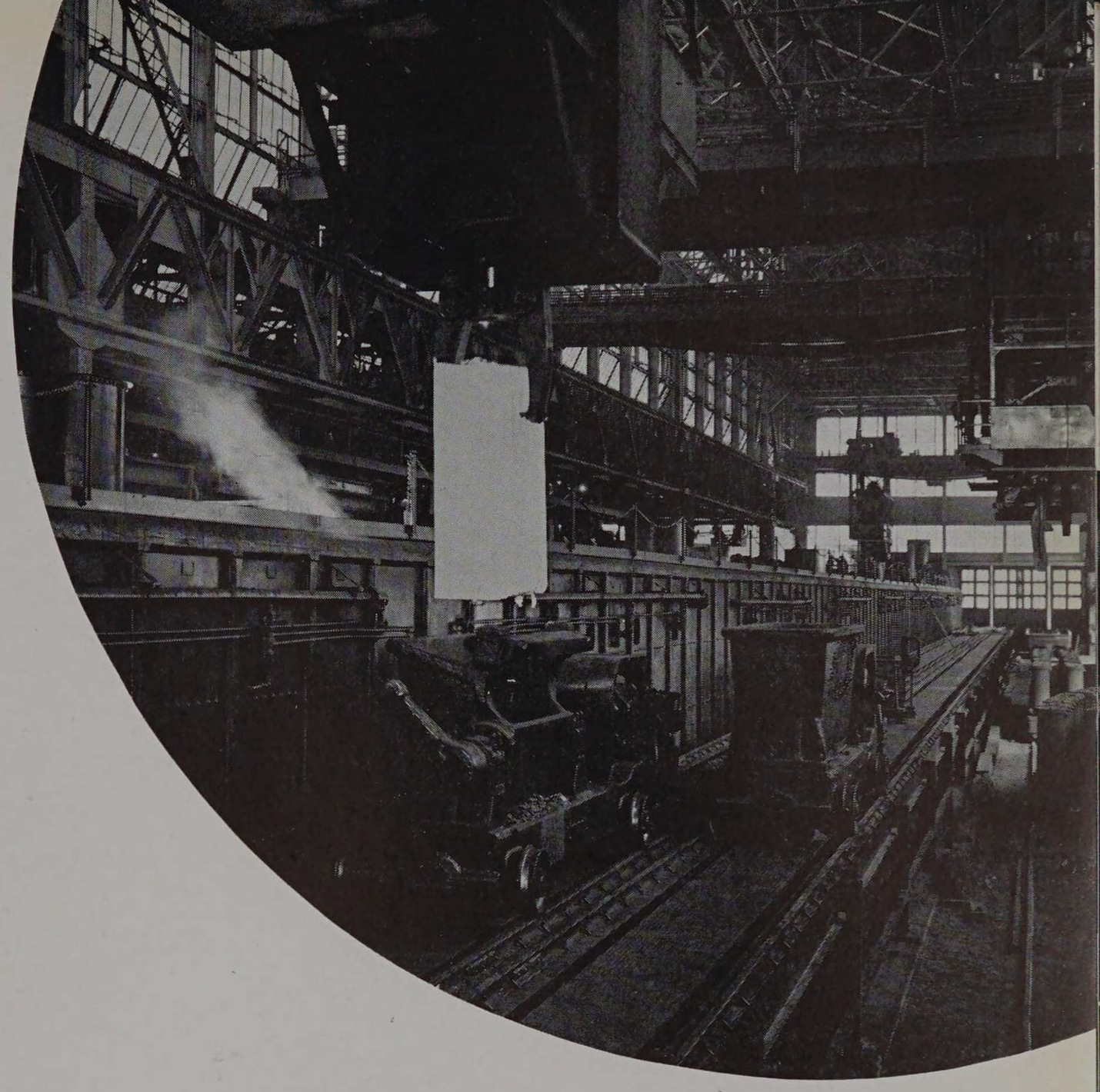
To Armour goes the credit for pioneering this type of education in the middle west. General Thomas S. Hammond, President of the Whiting Corporation and the Illinois Manufacturers' Association inter-



CO-OP CLUB OFFICERS

Meyers
Schellschmidt
Heidenreich

S CO-OPS



ested James D. Cunningham, Chairman of the Board of Trustees of the Institute and of the Republic Flow Meters Company, in the co-op plan. Through the endeavors of these two men, an outline of the co-operative course developed.

November of 1935 saw the formation of a committee composed from members of the faculty. Mr. L. J. Lease was appointed a member of the department of mechanical engineering as coordinator for the Institute in its relation with industry. Under Mr. Lease's guidance the course developed so that there are now 236 co-operative students enrolled.



Cuculic
Krahulec
Appelt

Row 1: Watson, Stuecheli, Cunny, Cavanagh, Staroba, Anderson, Hoffman, Kozica, Boyer, G. J. Bickell, D. D. Bickell.
Row 2: Tuman, Streit, Welsch, Lombard, Kraegel, Alderson, Kallas, Cibira, Snowdon, Valaitis, Sandusky, Jensen.
Row 3: Partlow, Fischer, Gibney, N. Wright, C. Wright, Jasis, Loben, Fitch, Groen, Noyes, Whittingham, Armstrong, Adams.

Row 1: Nigrelli, Meyers, Wilms, Blaida, Kucera, Woods, Olsen, Kruse, Kosley, Beckmann, Kleinwachter.
Row 2: Hering, Heidenreich, Schmidt, Olinger, Schmal, Ruhe, Radvillas, Johnson, Garvey, Taylor, Wognum, Gustavson, Smith, Larinoff.
Row 3: Schoeffmann, Kulieke, Chubinski, Parker, Hutchings, Krantz, Zalewa, Jones, Ahlstromer, Anthony, Hollowich, Kallevik, Leverenz.





Row 1: Robin, Carlson, McMacken, Adams, Radkiewicz, Domenz, Schneider, Ramseth, Minter, Crawford, Villiers.
Row 2: Stein, Hughes, Hunstiger, Heidorn, Antrim, Robbins, Woodbury, Johnson, Sogin, Palm, Jachimiec, Goluszka, Young, Duda, Croak.
Row 3: Irwin, Nordhaus, Sobilo, Barnabee, Wittekindt, Aggerbeck, Piepenbrink, Johnson, Roetter, Voderberg, Ceroke, Strodtman, Zimmerman, Carner.



Row 1: Koeller, Wenk, Nerhus, Martin, True, Mascarello, Schultz, Vander Ploeg, Hill, Schellschmidt, Webb.
Row 2: Kurst, Langewisch, Johnson, Poppe, Withgott, Ransome, Lundgren, Warner, Ohman, Nelson, Nicholson, Thodos.
Row 3: Korrell, Beyer, Buchhass, Hemman, Kaplinski, Graham, Carlson, Koch, Elwood, Brown, Hansen, Weinold.



Row 1: Weiss, Shearer, Guckel, Adams, Futterer, Johnson, Lind.
Row 2: Bagdon, Aikens, Warhus, Kaul, Jemsek, Lee, Clarke, Blair.

Row 1: Rieder, Bobco, Swanson, Stone, Hayes, Kelly, Wierciak.
Row 2: Kocourek, Keonig, Heenan, Rapp, Hanuska, Siebert, Danson.
Row 3: Swanson, Lesage, Welsh, Cuculic, Berg, Erickson, Miles.



Row 1: Gaderlund, Wierzbicki, Hill, Nelson, Smith, Schmidt.
Row 2: Appelt, Krahulec, Whittingham, Sweitzer, Lavold, Zywot, J. Hill.

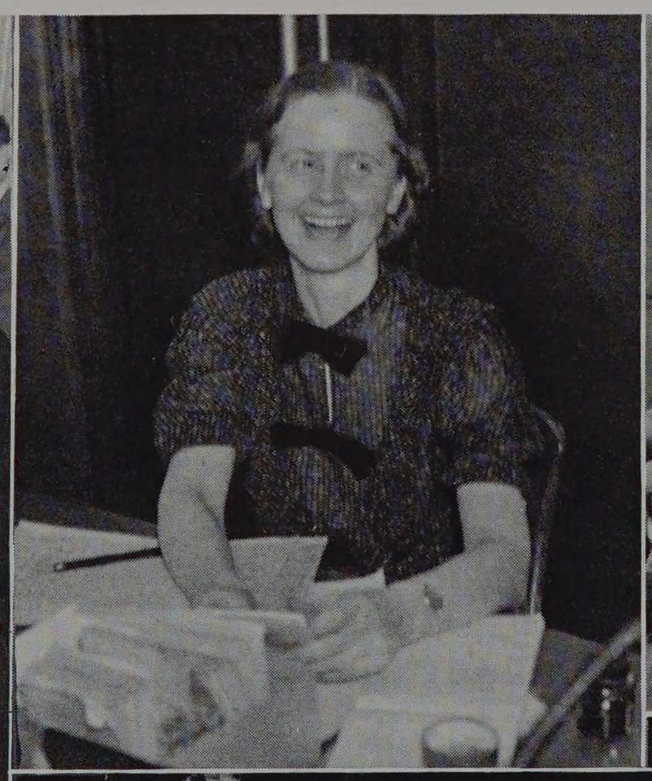
A co-op coffee clatch



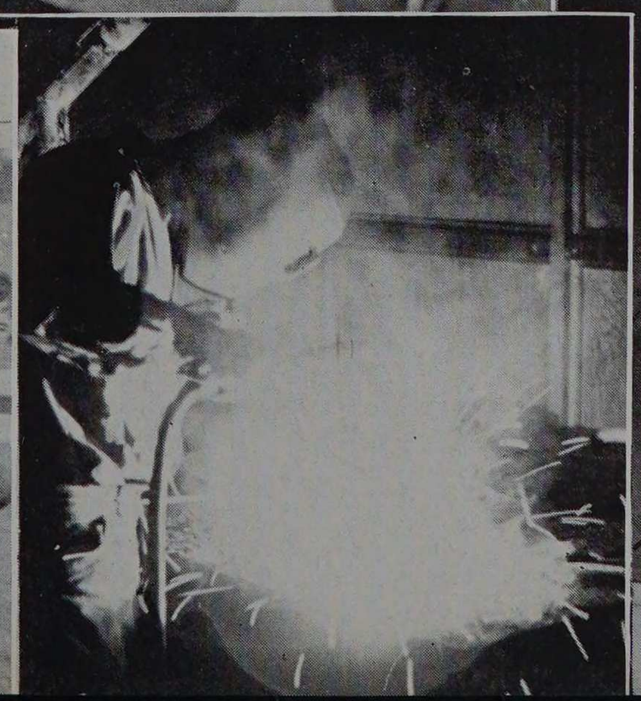
Sig-nals, 726.423 B.T.U.



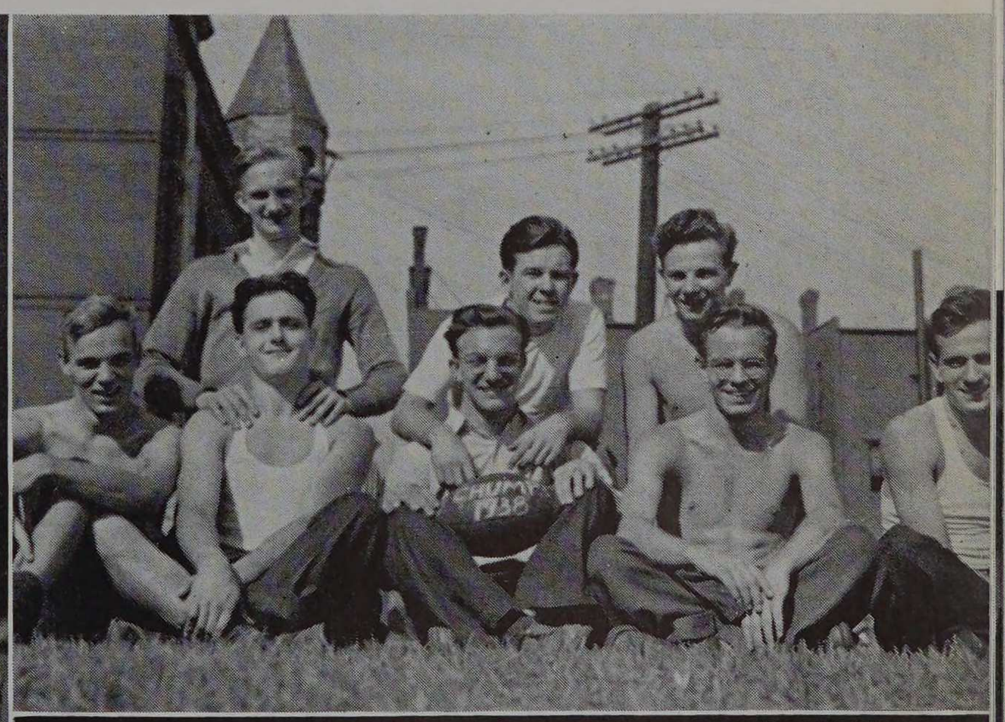
Miss Haw, co-ops' pal



Not h—-, just welding shop



Touchball Chumps, 1938



A study in approaching tummy aches





ATHLE

BASEBALL • BASKETBALL • TRACK • TENNIS • WRESTLING • BOXING • SWIMMING • GOLF

TIES

BASE



Manager Adeszko

Pacocha on the mound

The Tech nine concluded its '38 season with a win over Ypsilanti to finish with a .539 average. Seven wins as compared with six losses account for the mark. While .500 is good ball playing for any club, the team was a bit disappointed in its performance. Starting out with five wins, coupled with eight straight from the previous season, the Techawks had a thirteen game streak broken by Lake Forest when that outfit won after a fourteen inning duel. The streak includes a win over the Mills semipros, one of the highlights of the season. A natural let-down after the long victory string was an 11-0 defeat at the hands of the North Central Cardinals, who repeated in the same week, but by a more narrow margin, 13-12. Wheaton proved easy on Armour's home lot, falling 19-7 before the Slants of Kruse. The team then took their annual trip, meeting Ypsilanti and Michigan State on the foreign fields, resulting in a pair of losses. The final games included wins over DeKalb and Ypsilanti and a



The '38 Team

BALL



Coach Stenger

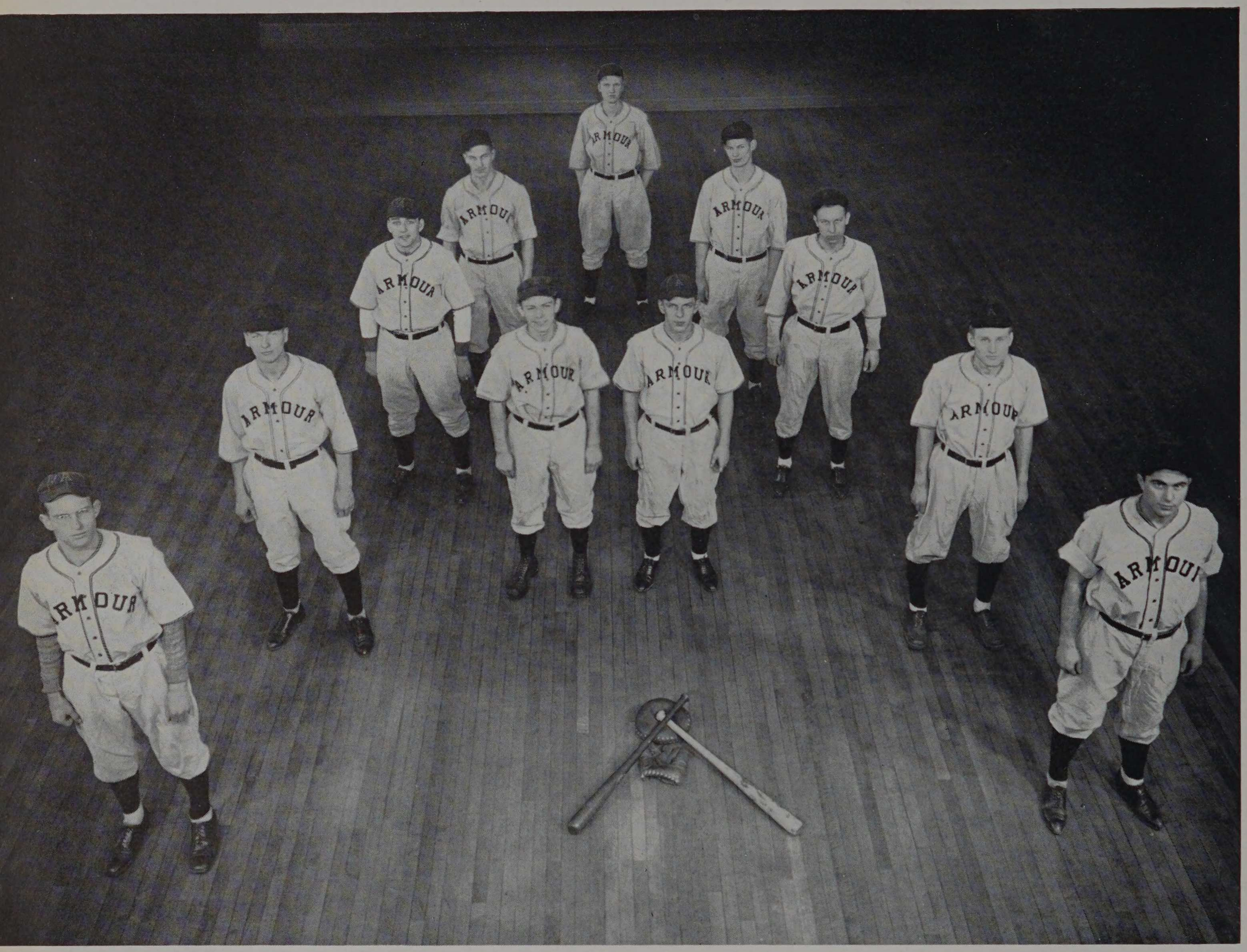


"Waggy," Coach, and "Willie"

loss to Lake Forest. The weather man was no more encouraging to the team in its warm-ups in preparation for the opener with Chicago U than he had been the previous year, but it proved to be no obstacle, as proved by the 4-0 shut-out for the Techawks. Victory number 2 was another shut-out, 1-0, over the Mills semipros. What was supposed to be a baseball game proved to be a farce as Armour defeated Elmhurst, 19-6. In a heated battle waged on the Wheaton diamond, the Ministers lost to Stenger boys 6-2 midst arguments and heated words from both dugouts. DeKalb almost broke the winning streak when they lost to the Institute 7-6. Giving Armour 14 innings instead of 14 straight wins, Lake Forest broke the streak as they won 7-6. The next loss was a Coach's nightmare come true. North Central won 11-0 as the Techawks displayed how not to play baseball.



The Teckawks' boosters


ARMOUR

Lyckberg

Carrier Moculeski

Tullgren Kruse

Leonard Bauch

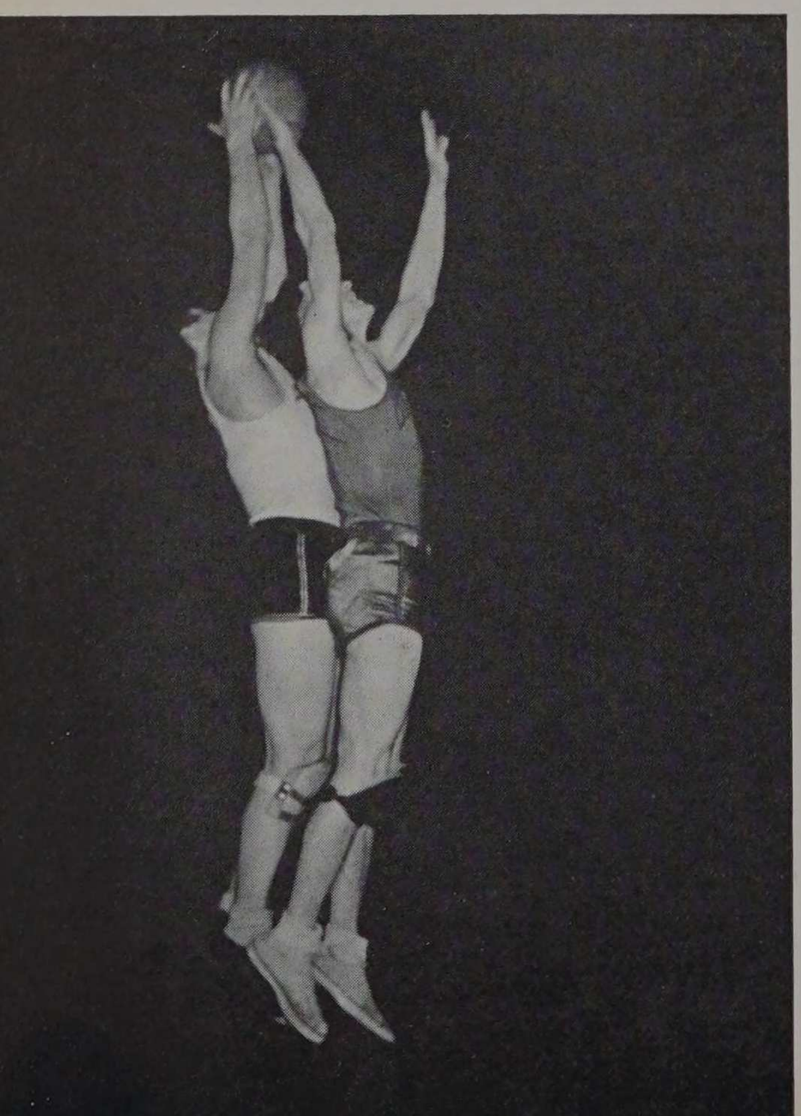
Krause Penn

Yursis Thodos

Meeting the same team a week later, again the Tech nine bit the dust, but not ungloriously. The score stood 13-12 when the last strike crossed the plate. Meeting Wheaton for the second time, the team again trounced the Ministers, this time by the nice margin of 19-7. The Techawks sojourned in Michigan for three days after meeting Ypsilanti in order to meet the Michigan State Spartans. Again our diamondeers proved themselves to be near the top in college baseball, for it was only after nine hard-fought innings that this strong conference team managed to win, 5-4. Led by Pacocha and Kruse, Armour defeated DeKalb in what almost turned out to be a double header. Pitcher Maiman of Lake Forest had a little too much on the ball for the Armourites, the score standing 7-0 for Lake Forest. A well-deserved win for Armour in its closing game of the year was brought about by some mighty fine pitching by Pacocha when he met Ypsilanti.

BASKET

After getting away to a great start by winning three of the first games, the Techawks faltered and could win but two of the remaining ten of the season. The fact that six players were forced to miss games because of injuries certainly did not make Stenger's task easier. Heading this list of casualties was Co-captain Paul Henriksen, who was lost to the team for the entire season because of an injury received in an early practice session. However, Ed Swanson took very good care of the captain's ledger sheet by leading all scorers with a total of 119 points. Two sophomores, O'Connor and Sliwa, had marks of 81 and 70 points, respectively, to follow Ed on the scoring list; these two in turn were followed by Norkus with 61 points, and Scherer, a guard, with 54 points. Scherer was elected to lead next year's team as Captain. The juniors and sophomores of this year's squad should form an experienced and well-balanced nucleus, since six of them participated in at least ten games of this year's schedule. A thrilling photo-finish win over Chicago Teacher's College opened the season. As in most of this year's games, Armour found itself behind at halftime, this time to the tune of 9-18.



Gimme that pill!



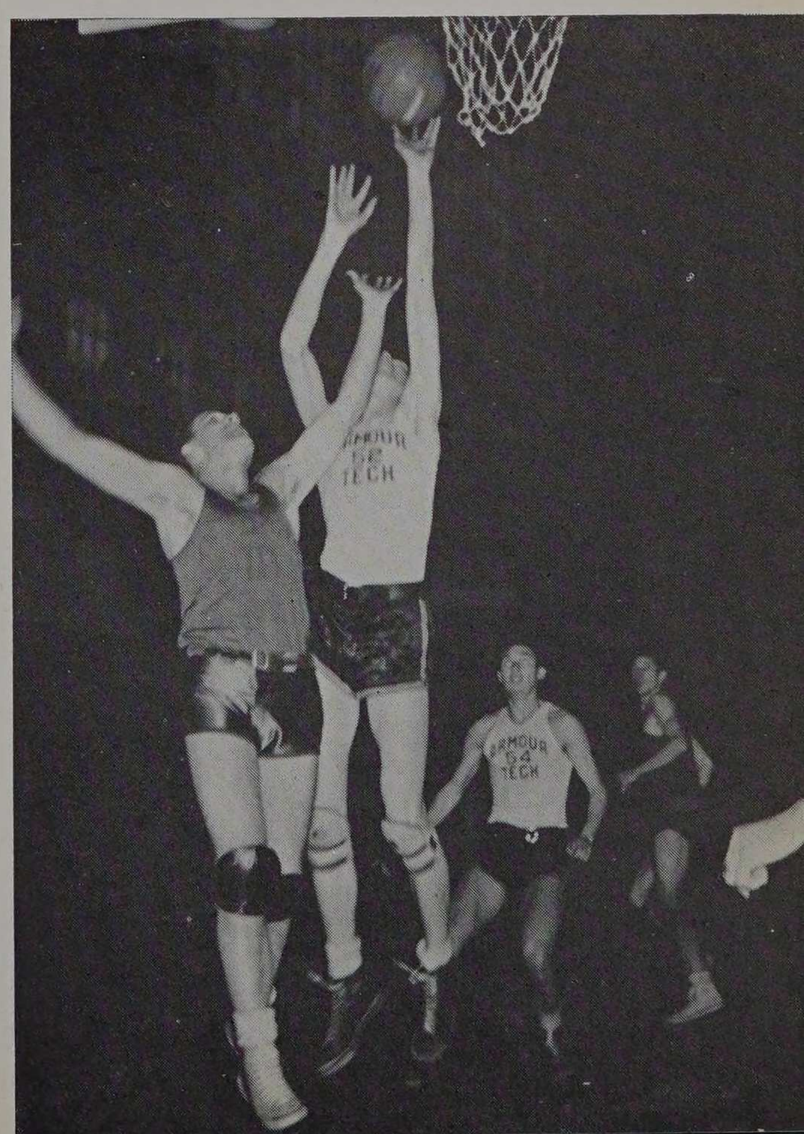
Manager Grabacki

BALL

Capitalizing on 9 of their 11 free throws, Armour rallied to win 30-29. The Techawks made it two in a row when they outplayed Arkansas State for a well-deserved 37-34 victory. Swanson scored ten of his, pace-setting a total of fifteen points in this period. O'Connor than collaborated with Swanson in scoring twelve points in the final half to keep Armour well in front of its opponents. In the Lake Forest game the Armourites were not able to get any sustained attack under way and went down in defeat, 33-29. The Armour players scored most of their baskets the hard way, fighting hard for rebounds and scoring from under the basket. The final gun cut short a late desperate rally which brought Armour within four points of a tie. All the offensive power the quintet potentially possessed suddenly and unexpectedly came into being when the team met and beat the strong Northern Illinois State Teachers of DeKalb. Playing an inspired game with the emphasis on team work, the Techawks triumphed, 36-31. Chicago U proved to be much too much for the team, as attested by the lopsided score of 48 to 11 for the men from the midway. Nothing seemed could be done against their air-tight zone defense.



Coach Stenger



"Swanee" points for Tech



Swanson

Rudakas Natinchek

Weber Sher

Hoffmann Norkus

Brierley Barrett-Smith

Henricksen Fahey Fisher Lurz Sliwa

Janicek Kubicka

O'Connor Scherer

Inability to hold down Maiman cost Armour a second defeat at the hands of Lake Forest, this time 54-45. Jumping away to an early lead, Armour was never headed as they downed the George Williams team 30-26. Unable to hold on to a four-point lead with but a minute to go for the gun, Armour was forced into an overtime period with Elmhurst, and went down in defeat, 31-37. Chicago Teacher's again proved to be meat as Armour polished them off, 34-29, with the aid of the three S's, Swanson, Scherer, and Sliwa. Traveling to Toledo for the first time, the team was swamped by De Sales, 35-51. The trip to Detroit was equally unsuccessful, with Detroit U on the long end of a 60-35 score. Unable to cope with the accurate long-shot scoring of Detroit Tech, the Techawks took it on the chin, 33-40. The final of the year had De Sales practically duplicating its victory over Armour, the score being 56-35.



Manager Monson

OUTDOOR

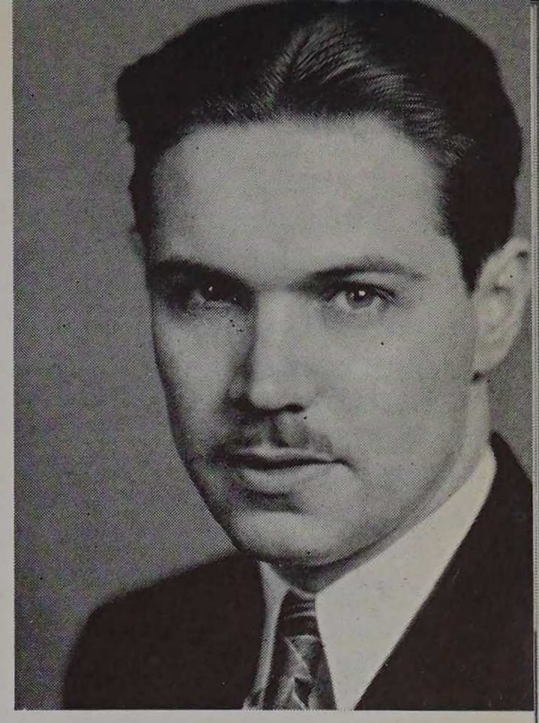
The '38 outdoor track season was the most successful that had been enjoyed in several years. The Techmen closed the season with a victory over Loyola that brought the total of wins up to nine. On the other side of the record was a pair of losses to North Central, who have been the champions of the Illinois College Conference for the last four years, and a loss to Illinois Wesleyan. Outstanding among the wins was a 65-61 triumph over Bradley Tech, the first Armour win over this school in eight years. In a triangular meet with Wheaton and Elmhurst, the Techmen scored 119 points as compared to 55 for Wheaton and 45 for Elmhurst, or 19 more points than the other two schools' total.

The season also brought with it several new and tied records. In the first meet of the season Dixon cleared eleven feet six inches to hang up a new pole vault record. The following week at North Central, Elwood also cleared that height to gain a tie. This record was tied twice before Elwood pushed it up to twelve feet in the Armour Relays. Bingham, the first Armour man to win a major event in the Relays, tied the 60 yard dash record of :06.5 several times during the indoor season and in a meet against Elmhurst tied the 70 yard low hurdle record of :08.1. He broke the 70 yard dash at the Relays. The first meet of the outdoor season also brought a new record in the discus throw as Vandekieft tossed it 127 feet 3 inches. The Bradley meet gave Finnegan the chance he wanted and he stepped out to run way out in front and come in with a new record in the two mile run. In the final meet with Loyola, Clark tied the high



An outdoor meet

TRACK '38



Coach Root

jump record, and either he or Vandekieft should top this mark in the '39 season.

Worthy of mention is the commendable showing made at the Illinois Relays. The two-mile relay team of Ryan, Deuter, Finnegan, and Platz placed third in the college event, and against competition that "am" competition. Again in the relays, Armour took a fourth when the medley team of Dunbar, Deuter, Finnegan, and Platz scored. Looking at it from all angles, it was a very satisfying season, and Coach Norm Root deserves congratulations for whipping together such a fine bunch of athletes.

In the opening meet with Beloit on April 16, Armour had a slight edge on firsts, taking seven, as compared to the Goldmen's six. It was the seconds and thirds that clinched the meet for our Cinder men.

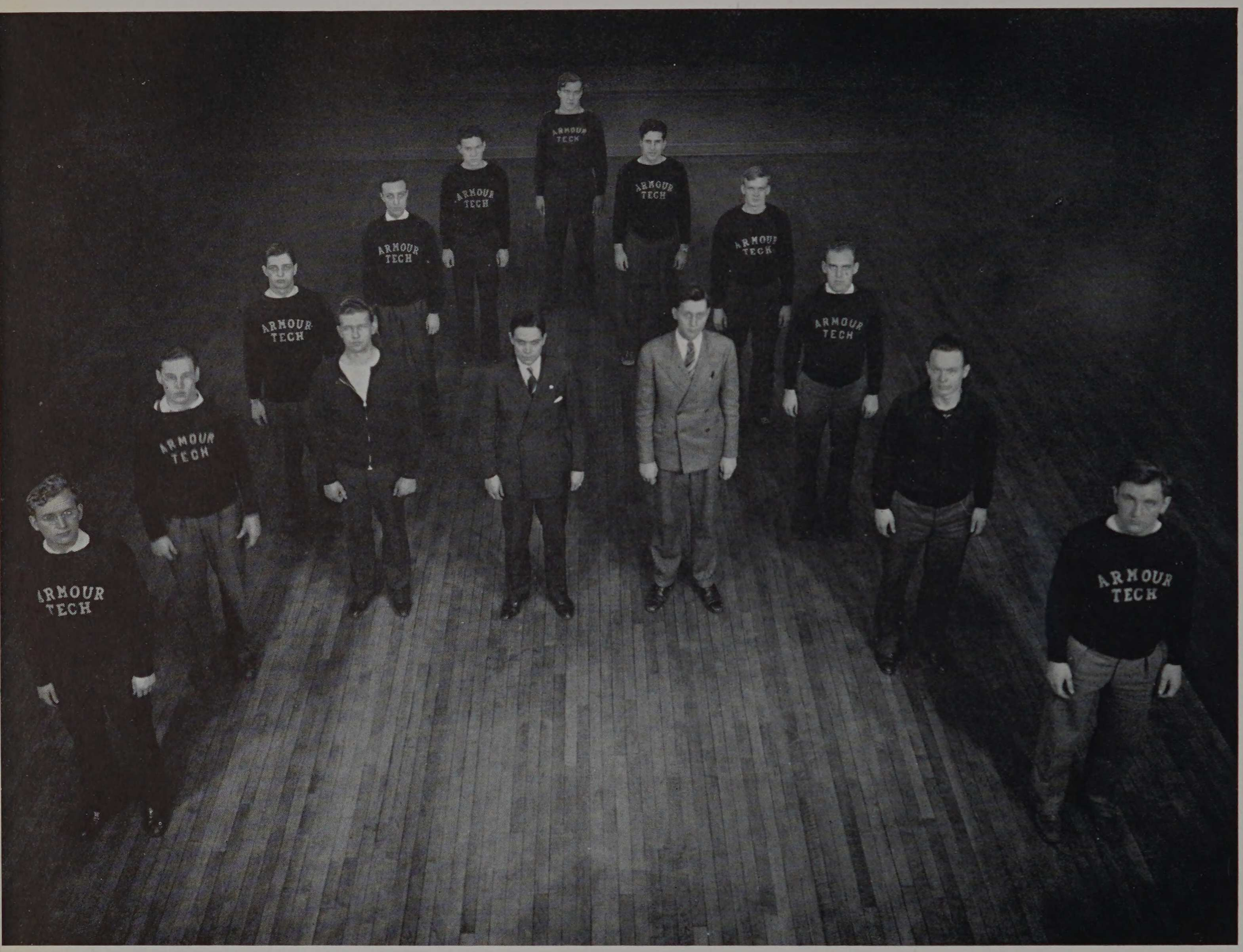
Taking away every first place available, the Techmen handed Elmhurst a 109-22 trouncing in the second meet.

The only meet held on Ogden field gave Armour her third victory, as Wright bowed down before a $90\frac{1}{2}$-$35\frac{1}{2}$ onslaught.

The defeat, 66-65, at the hands of Illinois Wesleyan, was a heart-breaker. The tracksters swept into the lead with first and seconds in the shot-put, pole vault and broad jump, only to have Wesleyan pull up to a 61-61 tie with the javelin throw, the only remaining event. Pilkis of Wesleyan threw the spear 155 feet to Clark's 148 to give Wesleyan their 1 point edge.

"Hank" cheers the boys on




ARMOUR TECH

Burman

Hruda Rothenberg

Cerovski Heidenreich

Mathews Miller

Vandekieft Root Erisman

Finnegan Clark

Opila Elwood

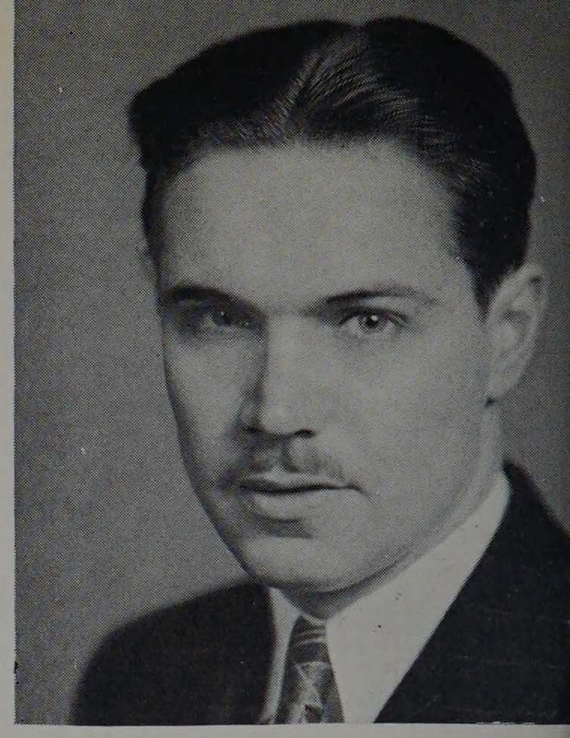
May 11 and 12 were busy days, with the Beloit Relays on the 11th, and the Wheaton-Elmhurst meet the next day. Armour's track representatives were nosed out of any placing positions, but managed to score a total of 13¾ points in the Relays. As noted before, the triangular meet the next day was a whitewash for Armour.

It was in the following week that Bradley went to its first defeat in eight years against an Armour squad. This was followed by the North Central Cardinal's win, walloping Armour, 99-32. The closing win over Loyola saw Clark take three firsts in the broad jump, javelin throw, and high jump, as Armour swept the discus throw with Vandekieft, Burman, and Stehman taking honors.



Manager Ratto

Coach Root



INDOOR TRACK '39

The Techawk cindermen closed the 1939 season showing a record of two wins and two losses, the losses being attributed to the graduation of several of last year's high point men. However, Coach Root, working with the last year regulars and a few new men, brought out a team which after a poor beginning with two losses began to find itself, and concluded the last two meets with easy victories.

The first meet of the season was with North Central, whose powerful team scored a 64 to 31 victory over the Techawks. It was in this meet that Co-captain Finnegan suffered an attack of appendicitis and was lost for the season. This left the team without a real two miler. Co-captain Vandekieft was high point man for Armour with victories in the shot put and high jump.

On February 24 Loyola, for the first time in several years, came, saw, and conquered the Techawks to the tune of $60\frac{1}{2}$-$34\frac{1}{2}$. Clean sweeps by the visitors in the quarter mile and two mile events turned the trick for them. Rothenberg took high point honors for the Techawks with a first in the low hurdles, a second in the high hurdles, and a third in the dash.

The middle of the following week the Techawks began to hit their strides as they scored over Wilson Jr. College and then, on March 13, turned in a victory over Elmhurst. The Armourites were on the long end of a 64-27 count, with eight firsts and clean sweeps in four events.

Burman

Matthews

Rothenberg

Hruda

Cerovski

Miller

Elwood

Heidenreich

Beeby

Clark

Barry

Prekos

Vandekeift Root Erisman Finnegan

Bujan

Graham

Opila

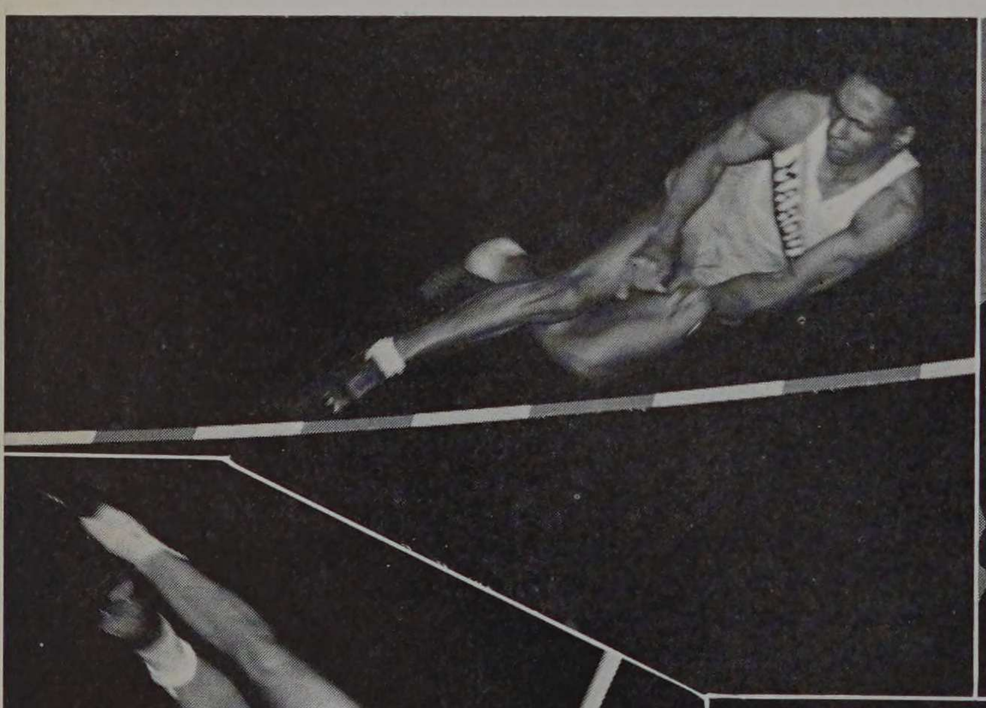
Sarasin

11TH ARMOUR

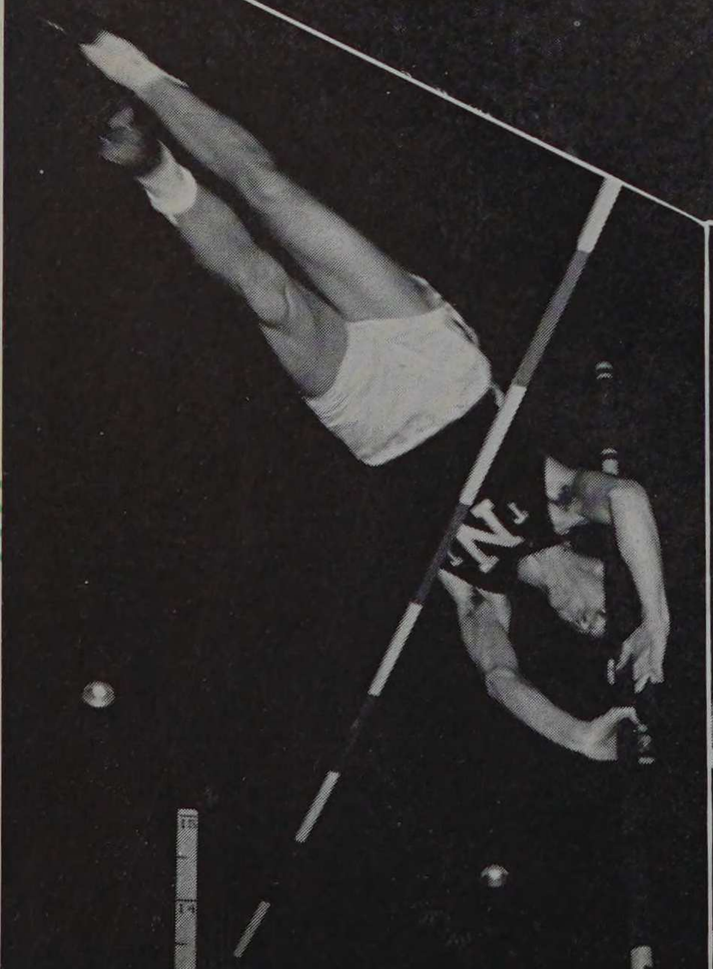
The eleventh running of the Armour Tech Relay games proved to be truly a night of stars as Armour acted as host to some 400 track and field athletes who, although highly touted, were hardly expected to smash four classic records and to tie another. The scene again was the University of Chicago's Field House, which on March 18 was filled to overflowing with a large and spirited crowd.

The first mark to hit the sidelines was the shotput which went asunder almost before the spectators had time to be seated. Here Elmer Hackney, football star from Kansas State University, threw the 16 pound shot 51 feet 9 1/4 inches for the longest toss made by any athlete in competition this year. Almost before the ovation claiming the new record had died, all eyes were shifted to the straightaway where Walter Skelton of Marquette was equaling the existing record in the 70 yard dash of 7.1 seconds.

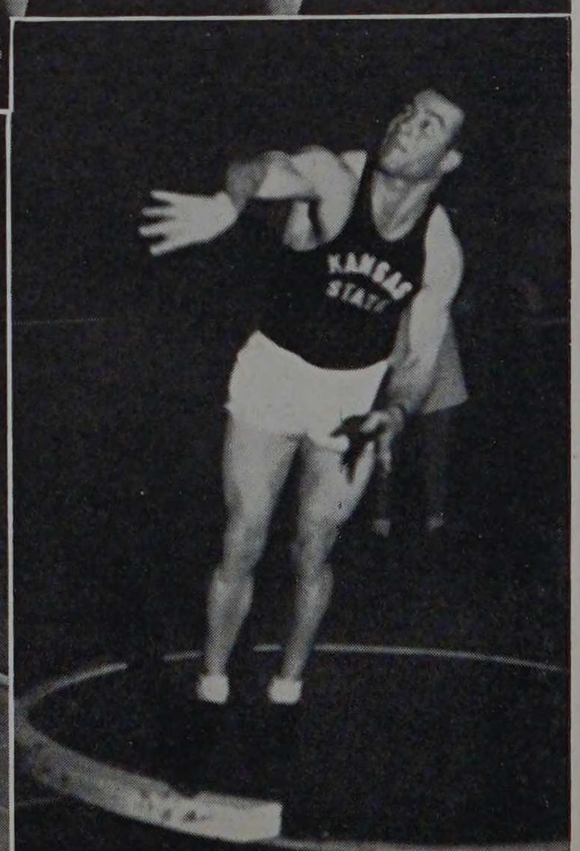
Next the spotlight turned to the pole vault, where Ed Thistlewaite of Northwestern was making history, clearing the bar at 13 feet 11 1/8 inches, setting a new relay record.











TECH RELAYS

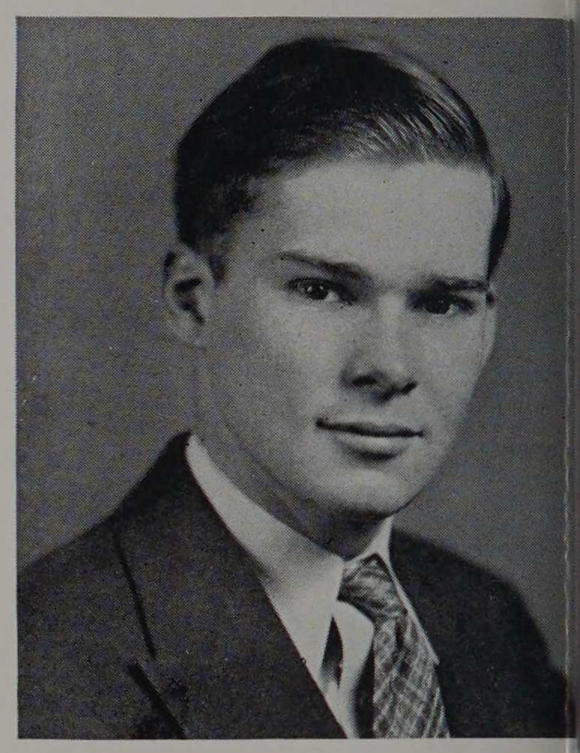
College teams also did their part to lift the Tech games to an even higher level by establishing two new marks. Wagner of North Central covered the 440 in the college division in :49.4 to lower the old mark by 0.6 seconds. In the two mile relay of the college division the Michigan Normal team stepped out to a record time of 8:06.5.

Team honors went to Michigan State Normal for scoring three firsts, one tie for first, and three seconds in the college division. In the same division North Central and Grinnell took second and third places respectively.

All in all, the Eleventh Relays was a credit to Armour and to all who competed in its events. Next year the stars will go to even greater performances and, in time, the Tech Relays will be the track classic of the nation.

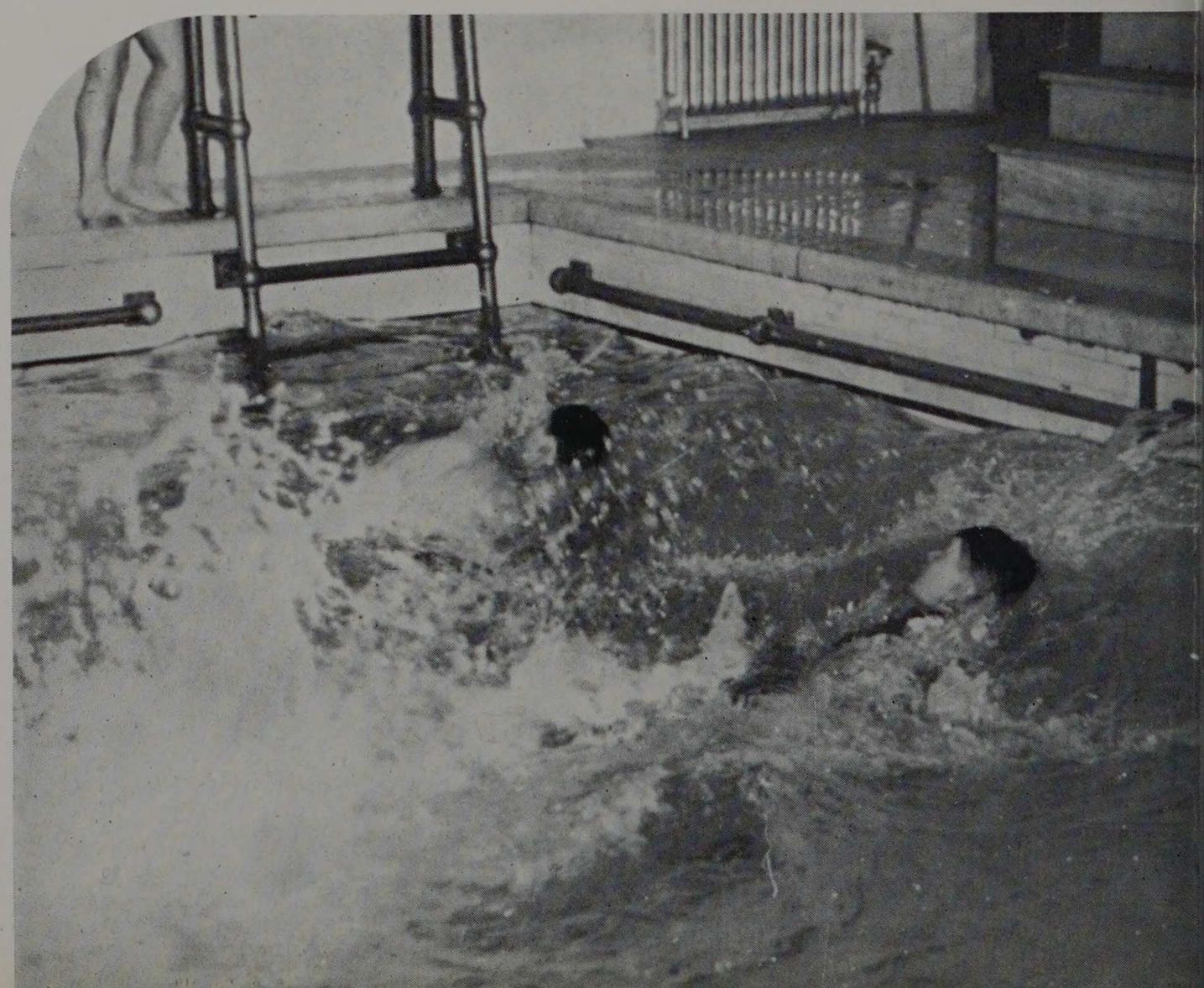


SWIM



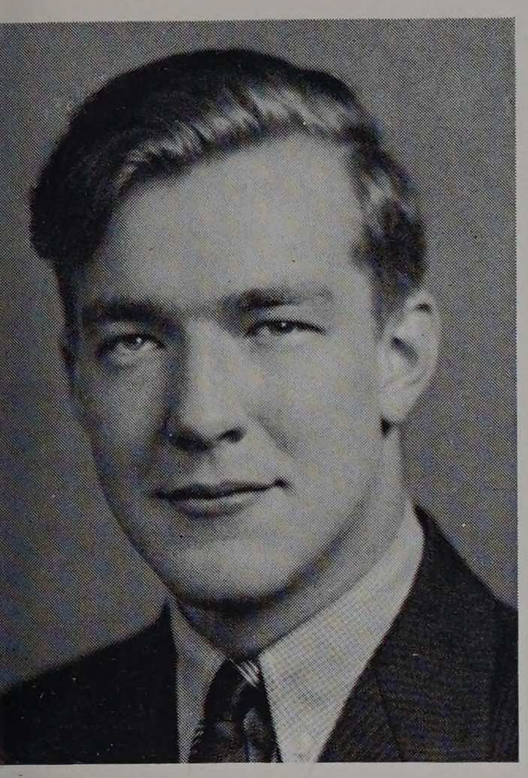
Captain Dodge

The conclusion of the Tech swimming season found the tankmen on the top side of a 7-5 meet record. This proved to be a great improvement over last season when the Techmen were on the short end of a 7-5 meet record. An even greater improvement is forecast for next year, what with the loss of only one man through graduation, and the possibilities always offered by incoming freshmen. Earl Anderson, captain-elect for the coming year, with the aid of Coach McGillivray should be able to whip a fine team into shape with the material that will be on hand. The team was materially strengthened by the contribution of Talcott, Huxhold, and Rademacher from the freshman class. Teams come and teams go but Dodge stays on to win consistently for Armour in his specialty, the



Close finish

MING

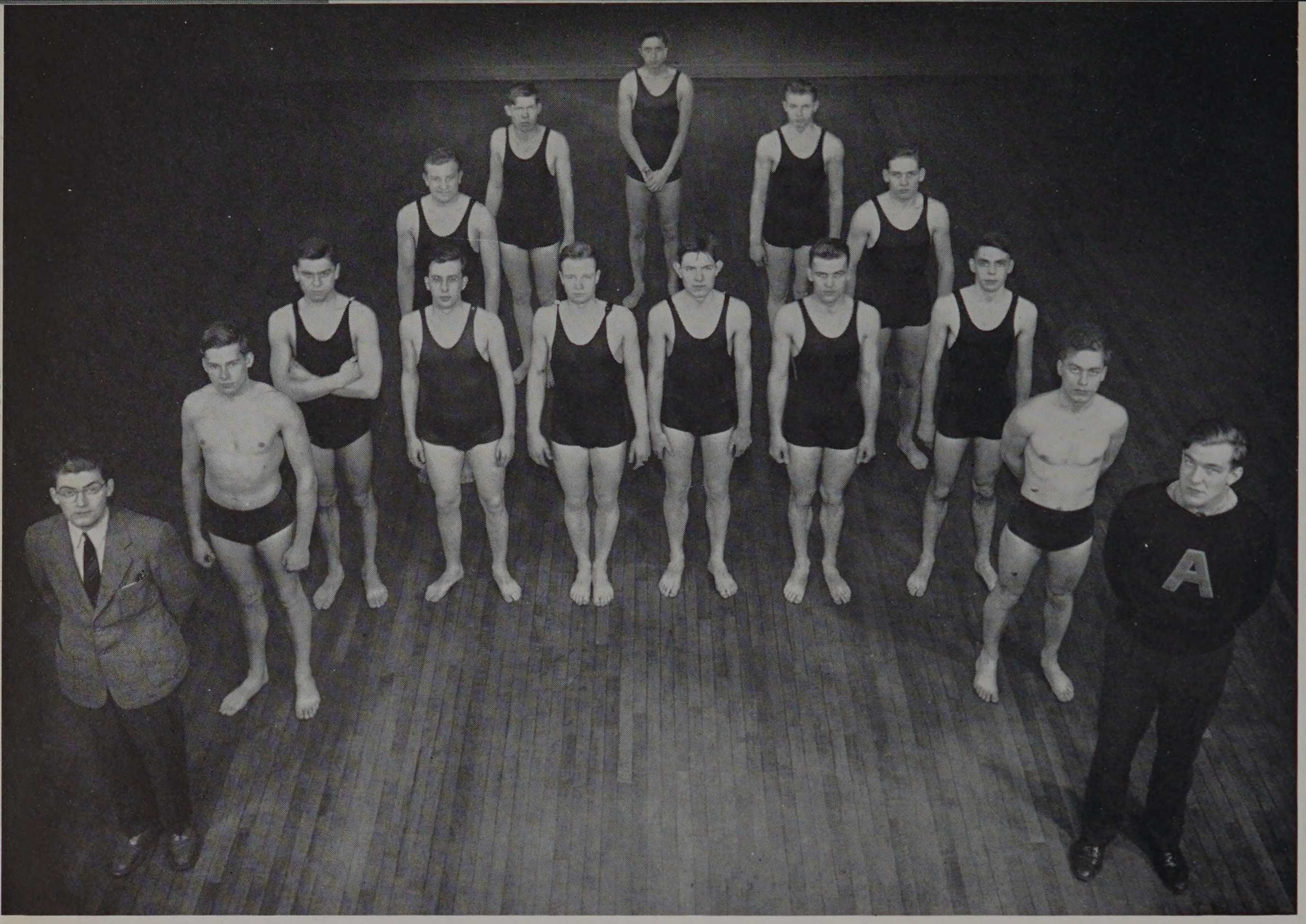


Manager Burman

220 yard free-style. Winblad won his fourth letter award in as many years as he piloted the team through its successful season, while Pettes held sway on the diving board. Huxhold, Hutchings, and Rademacher made a threesome for the medley that opponents found hard to beat. The opening meet with Loyola saw our tanksters fall away before a 46-20 score. The following meet with North Central also proved a heartbreaker, the Armourites losing 44-31. In the third meet the Techawks braved the ferocious tricks of winter to swim against DePauw at Greencastle, Indiana. Although the Armour mermen put up a strong battle, the DePauw squad, a more experienced team, managed to win, 49-35. In their next meet the tankers swam to an easy victory over the North Central Redbirds at Bartlett pool. The final tabulation being 48 points for the Armourites,



The four "sea-horsemen"



Blume

Pettes Mankus

Rain Rademacher

Bell Stowell

Slavin Talcott DeMoney Huxhold

Dodge Hutchings

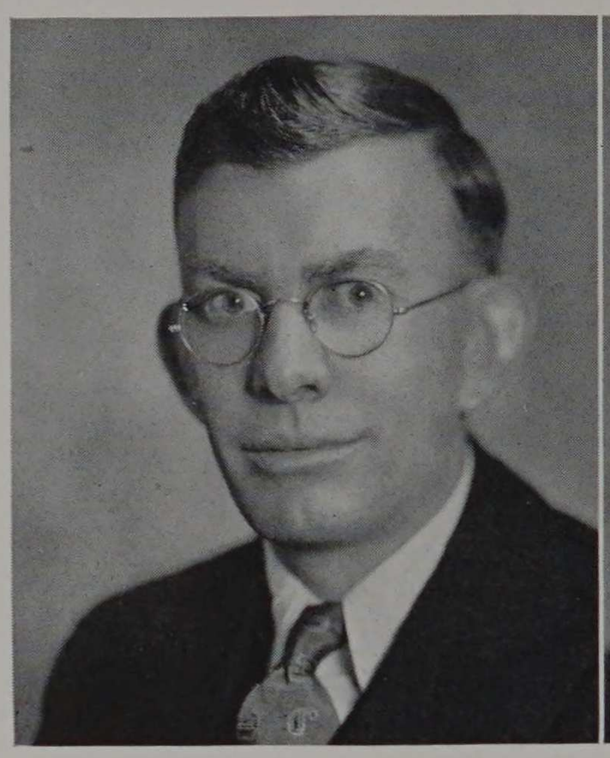
Winblad Burman

and the Naperville crew 27. In taking the Cardinals, the proteges of Coach McGillivray scored first in all events with the sole exception of the diving. The swimmers evened their record in the following two meets by winning over Bradley Polytech, 32-30, and whipping Kalamazoo Teachers College 48-30. Both meets were held in Bartlett pool. In a revival of the once bitter Tech-Williams feud, the Techmen splashed out a 42 1/2 to 32 1/2 win. This raised their total to four straight for the season. Through the efforts of Captain Winblad and Huxhold the Techmen again copped the relay while their teammates managed to race through the other heats garnering a majority of points. The medley trio ran into rough water for the first time this seaon, for only after a last minute spurt were they able to finish in a tie with the revived Williams paddlers. The mermen turned the Kalamazoo meet into a 49-26 rout dropping one first place position. The meet was held in the Michigan Team's pool and was one of the most decisive victories recorded during the team's string of five straight. The following week was hell-week for the Tech-tankers as they saw their hopes washed down the drain with losses to DePauw and Bradley Tech. Both consolation and vengeance were had in the last two meets of the season, as the mermen made merry with the Herzl Junior College team in their home pool, drowning them by the scores of 42-24 and 45-21 in two successive meets. In the first meet Dodge again came through by leading the pack with Pettes close on his heels through the five lengths of the 100 yard free-style. The second meet saw Captain Winblad, swimming for the last time for Armour, as a leading factor in the team's winning both of the relays. Out of a total of 14 first places Armour took all but three of the blue ribbons.



Coach McGillivray

GOLF



Coach Bibb



Manager Sheehan

The 1938 Tech golf season, although not a perfect record of fairway victories, proved to be a most interesting year. The team welcomed back six experienced men from the previous season as well as a promising group of aspirants. Inspired throughout its seven-meet schedule by Coach Sammy Bibb, the team went on to win four meets against three losses. Captain Twick Davidson, along with Carl Malmfeldt, Chuck Skuza, Jack Shanahan, and Ralph Schmal, were responsible for the greater part of the team's scoring.

The opening encounter was played April 23 against Loyola at Bob-O-Link, but despite several low scores turned in by the Tech golfers, the north siders walked away with the honors, winning $14\frac{1}{2}$-$3\frac{1}{2}$. At the second meet the golfers engaged in matched play against the alumni at Southmoor Country Club. This time it was the varsity's turn to shine, romping over the alumni by the final score of 18-12.

May 7 the Tech men whipped Wheaton at Southmoor, but the week-end of May 10 saw two losses as the team journeyed to Illinois State Teachers at Charleston, Illinois, and thence to Terre Haute. Wabash increased the losses total as they won on the next day. The golfers closed the season by winning their return match with Wheaton.



Korrell, Sunde, Bibb, Schmal

Coach Bibb shows 'em how.

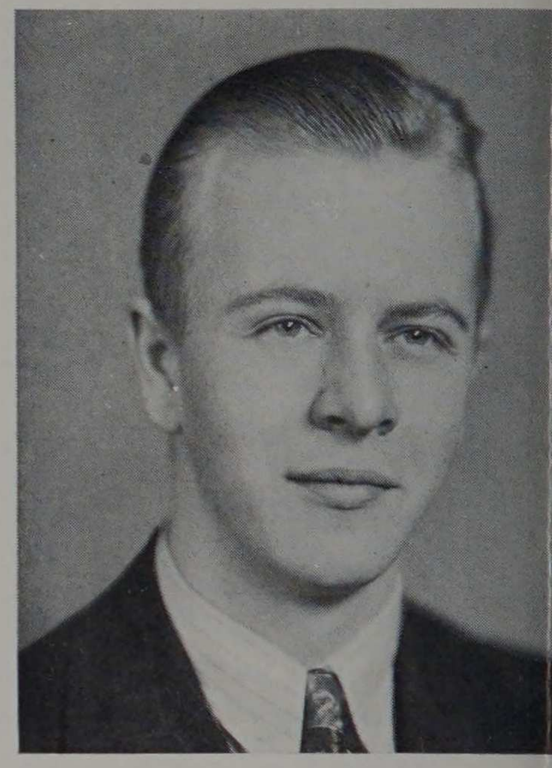


TEN

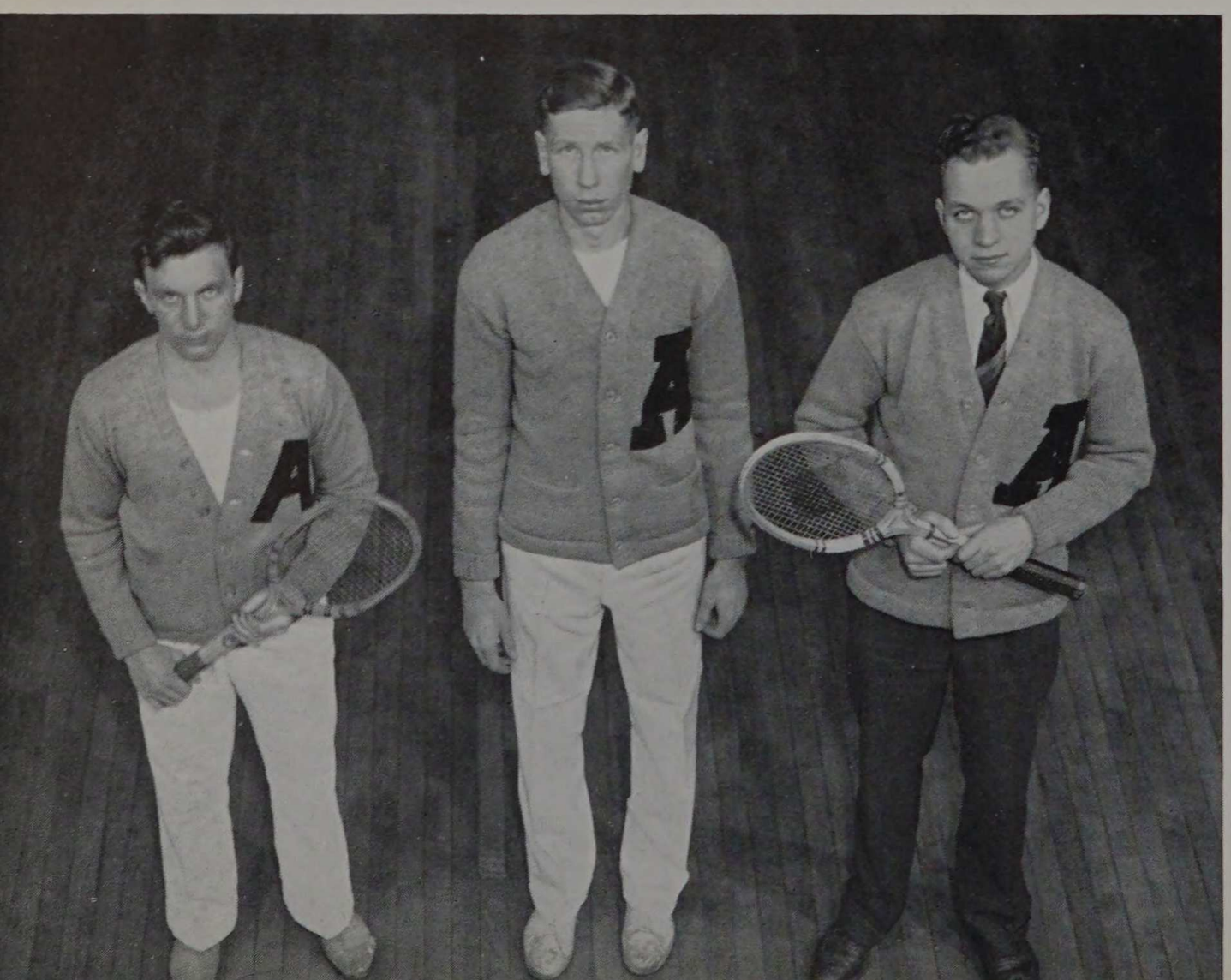
The tennis team lived up to all the high hopes and expectations held for them. A seasonal record of eight wins, a tie and two losses is what is offered for scrutiny by Swanson, Natinchek, Kubic, Lange, and Wagner, Inc., and it certainly meets with approval. The effect is heightened when it is considered that this includes wins over such schools as Indiana State, Illinois Wesleyan, and North Central, while both losses were by one match only, and these to Purdue and Loyola.

The individual honors go to Captain Joe Kubic, who played a very dependable type of game while winning all but one of his eleven matches. Incidentally, Kubic is the only member of the team lost through graduation, all of which adds up to a good team for this season. Ed Swanson and Nick Natinchek both had nine wins and three defeats for their seasonal record. Natinchek was elected pilot of this year's squad. Just beginning his net career at Armour was Bob Lange, who did a pleasing job of scoring eight victories, while becoming a victim in four matches. Last, but not least, is Wagner, who won five of the eight matches he played.

Opening the season on the Midway courts, the Techmen had no trouble defeating Chicago Normal, 6-1. The unfortunate Armourite who succumbed to the Chicago Normal number one man was Natinchek, who went down 6-1, 6-1. Captain Kubic lost only one game when he defeated



Manager Anthon



Wagner

Swanson

Natinchek



Coach Colvert

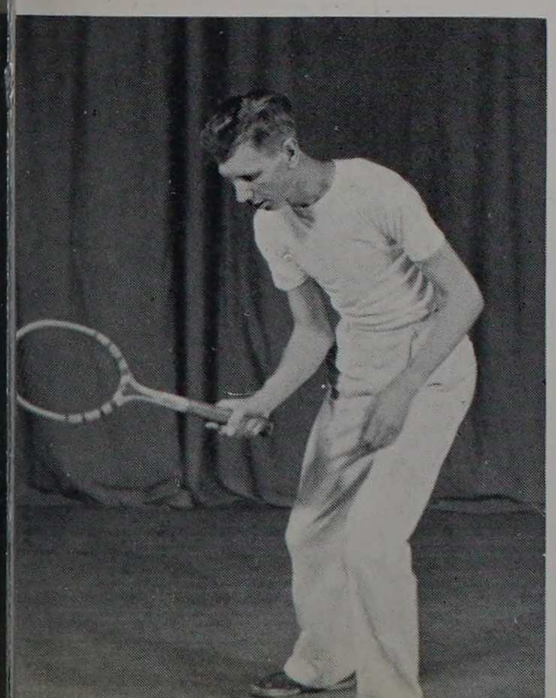
Doyle 6-1, 6-0. The remaining matches, while not push-overs, were taken in fine style by the Colvertmen.

Hinging on one match and Armour within one match of victory, Tech's chances faded with the setting sun on the perfect tennis day that she met Loyola. Loyola won 4-3. The favor of the meet oscillated many times, gruelling sets of deuce games stretching the time of the play to four hours.

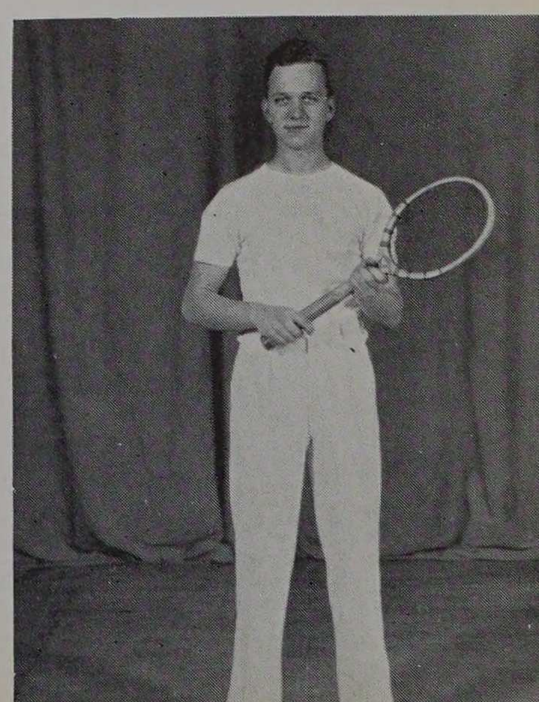
Although defeated 6-1 by the University of Chicago "B" team, the Armour boys showed great form and fight before a gallery of enthusiastic tennis fans on the Midway. Top honors went to Swanson, who overwhelmed Norian 6-3, 6-1 after losing a love set.

Hitting their stride after Chicago and Loyola, the racketmen slashed their way to a decisive victory over St. Viator by shutting them out 7-0. The match against Wheaton wound up in a 3-3 tie, and this after winning three out of four of the single matches.

Although the weather man cut their afternoon activities short, the racketeers were able to smash Illinois Wesleyan 4-0 before the deluge. Kubic continued in his winning way by overcoming Hartman with ease, 6-2, 6-1, while the remaining matches were more or less closely contested. Decisively whipping North Central for the second time, the Techsters wound up the season in great shape.

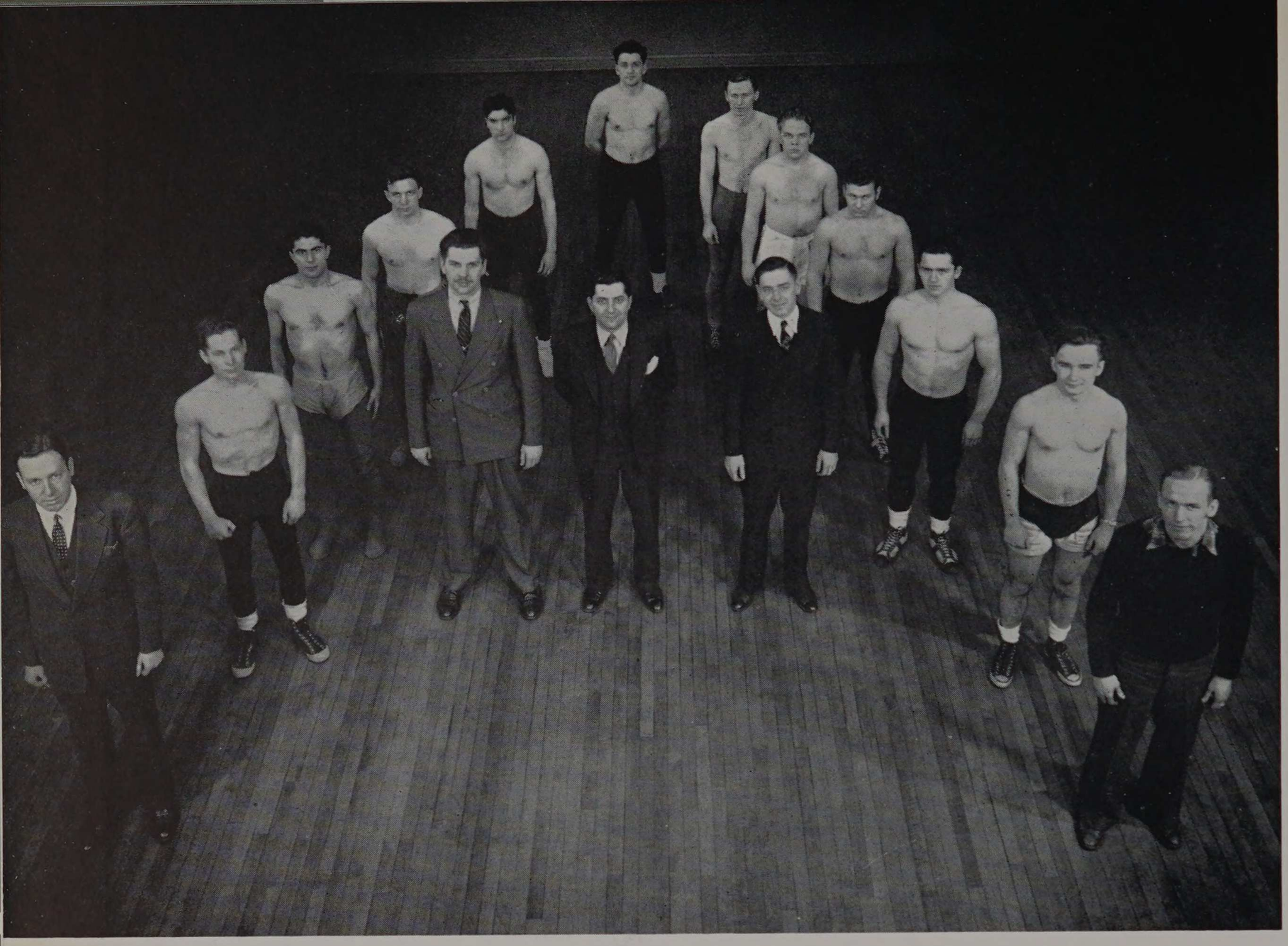


Swanson



Natinchek

WRE



Tullgren

Butkus

Nigrelli

Willman

R. Wagner

Jensen

Thodos

Kazmierowicz

Balsewick

Weissman

Hanna

W. Wagner

De Boo

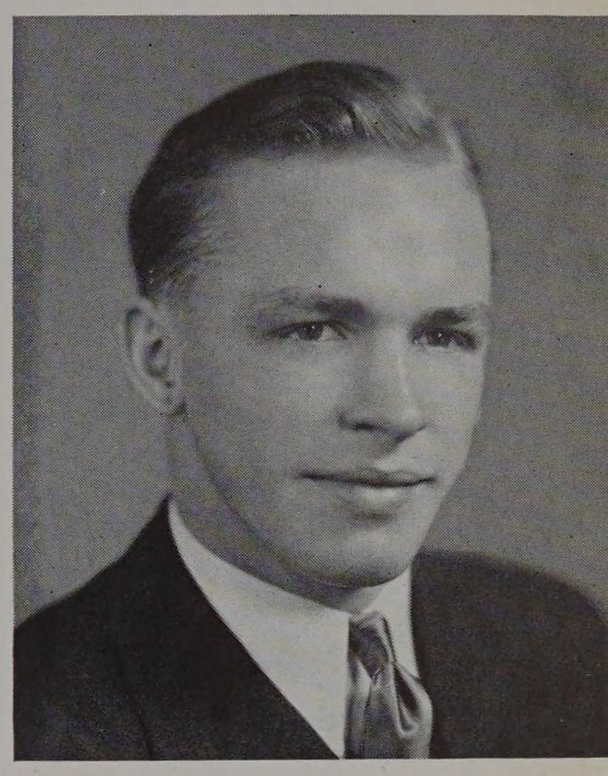
Collier

Ropek

STLING

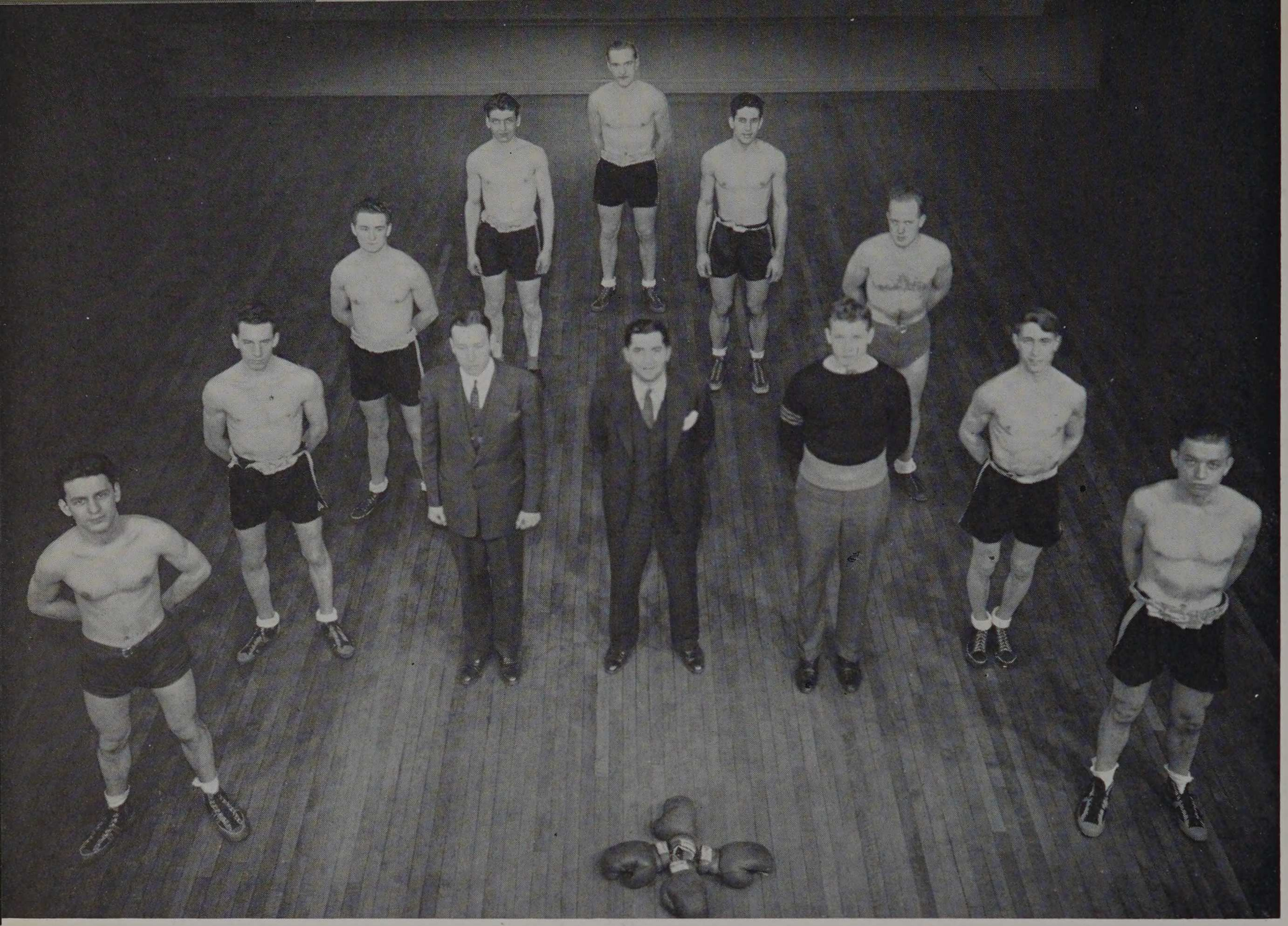


Coach Weissman



Manager Ropek

A writer's worst job is to sit down and attempt to record for posterity an unsuccessful team's season. Sonny Weissman, with this thought ever in mind, again produced a team that saves said writer this embarrassment. Looking at the wrestler's record we see seven wins out of eleven meets, which just on the face of figures falls in the category of another "success story." Delving a little deeper we find that the four winning opponents constitute just about the toughest foursome any wrestling team might want to run up against; namely, Purdue, Case, DeKalb, and Wheaton. And yet deeper as we go after "whys and wherefors" we find the Techawks taking Purdue into camp in a return bout, wrestling this time under the customary time advantage system. In other words the Boilermakers won the first meet by the point system where a win is up to the referee's decision as to which boy displayed the best form. Something like awarding points for fancy diving. Outstanding among the grapplers this year was Till, who was defeated only once, and that time at Purdue. Tullgren, graduating captain, was another to enjoy a successful season, winning a majority of his bouts. Kazmierowicz became more proficient as the season advanced, and along with Hanna, captain elect, will form the nucleus of next year's team.



Gryglas

Bain Rothenberg

Collis Carlson

Kotulla Collier Weissman Mankus Colant

Malleris Barteldes

XING



Coach Weissman



Collier, Mgr.



Clark, Capt.

Since the inauguration of the Golden Gloves tournament in Chicago some years ago, Armour has always had a team entered, and this year was no exception. Conceded by most everyone to be one of the toughest tournaments in the country, the boys from Thoidy-thoid and the tracks have always made a presentable showing. Five Armourites saw action in this classic this year. DeGeorgi, who fought at White City, made the best showing by winning three bouts before he stopped a fast one. Colant advanced to the quarter finals, only to lose out on a very close decision. Incidentally, he's the lad that will do the captaining in the season to come. Peterson, Kotulla, and Erickson, fighting in the Loyola Section, were defeated in their first bouts. Sonny Weissman, broker of the Armour sock market, also has had no little experience in the Golden Gloves. However, Sonny's connections with the Gloves have been a little less hazardous and at the same time more remunerative than those of the boxers. He's seen quite some service as a sectional referee. Lack of meets was a sore spot with the squad, and in their only scheduled meet of the season the boxers took quite a beating at the hands of Culver. Cappodano was the only Techman to come through with a win, although Colant, Erickson, and Barnabee all lost by only one point.

INTERFRATERNITY ATHLETICS

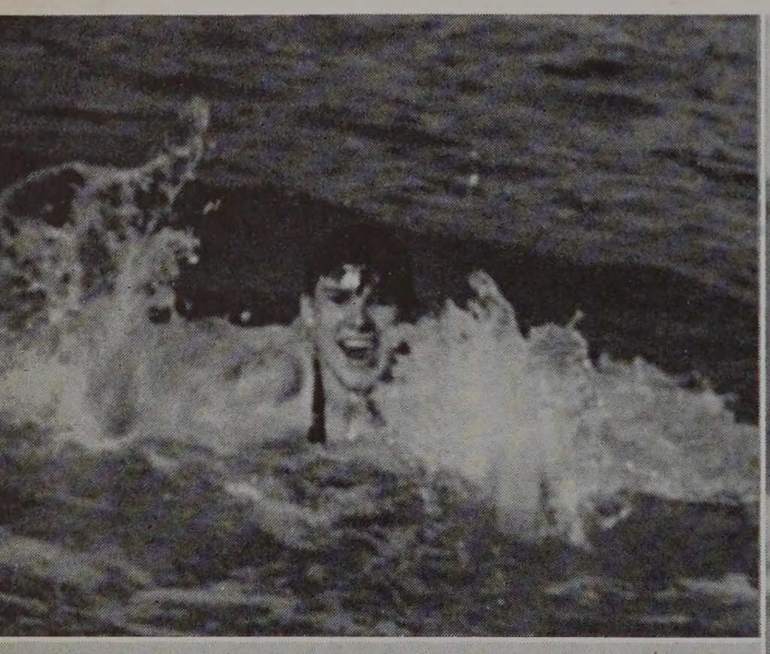
The fraternity men, ever ready to drop books to take part in athletic competition, kept busy during every season of the past year.

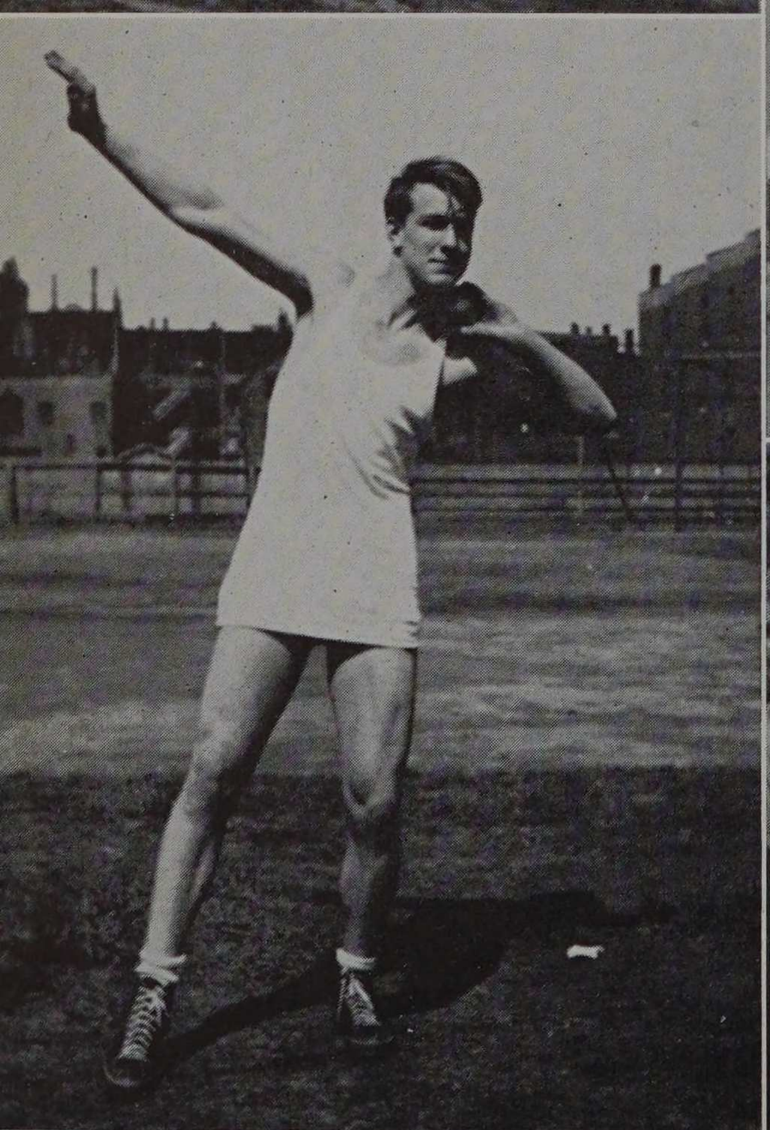
In the spring, baseball and track occupied the interest of this group. The results of the competition showed Phi Pi Phi superior in the track and relay events, while Phi Kappa Sigma won the baseball championship.

Fall found football and bowling in popularity. Phi Pi Phi won the bowling cup for the third time, and the Delts annexed their second straight touchball championship.

Basketball and ping-pong came into their own at the same time, and when the smoke had cleared away, Phi Pi had regained the basketball trophy, while Pi Kap kept possession of the ping-pong cup.

Shots taken at Interfrat events.



















Autumn action in interclass touchball.
Champs of the '38 season.

INTERCLASS ATHLETICS

Athletic activity at Armour isn't confined to just a few sterling athletes with the ability to make the teams, but is indulged in by a majority of the Techmen, who seem willing to drop their slip-sticks for a moment and get a little "intramural" exercise. Hardly giving the ink time to dry on the registration cards, Armour's own World Series got under way and proceeded to a hasty end as the sophomores won the hardball tournament. The senior chems won their second touchball tournament, the frosh took basketball, boxing and wrestling, winners were split among the classes, and the seniors proved the better trackmen. This leaves swimming and softball pending at this writing, for the juniors so far haven't had an opportunity to take part.

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Sweeney
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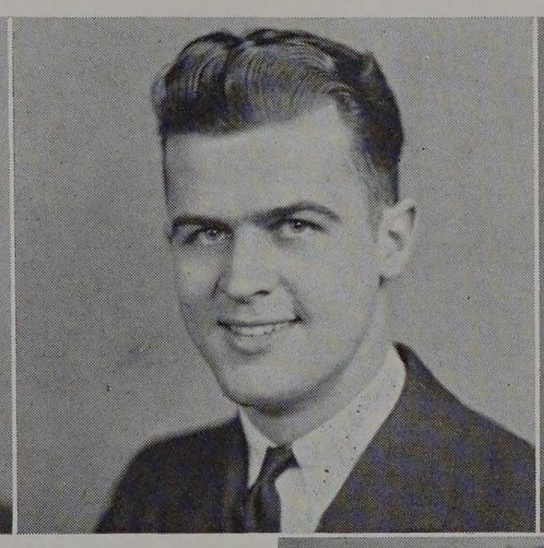
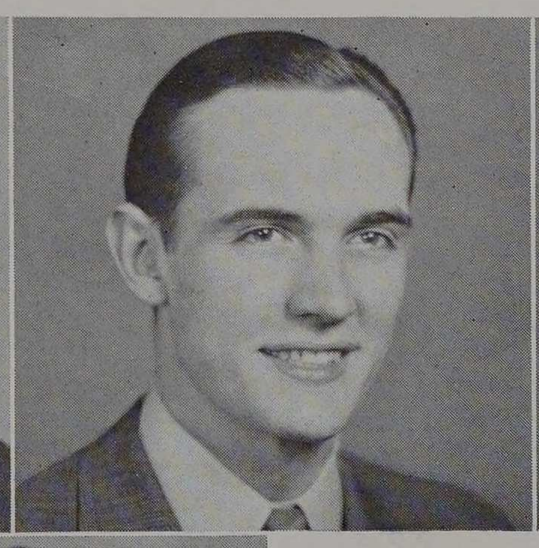
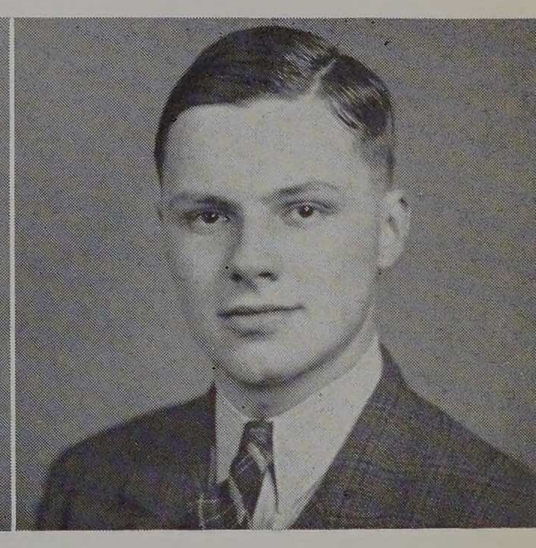




ACTIV

TECHNIQUES

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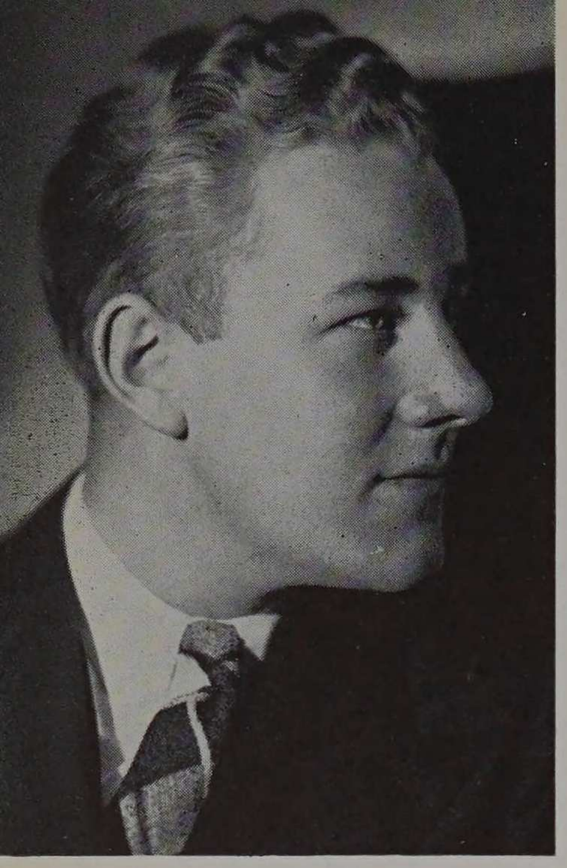


Dan Jacobson

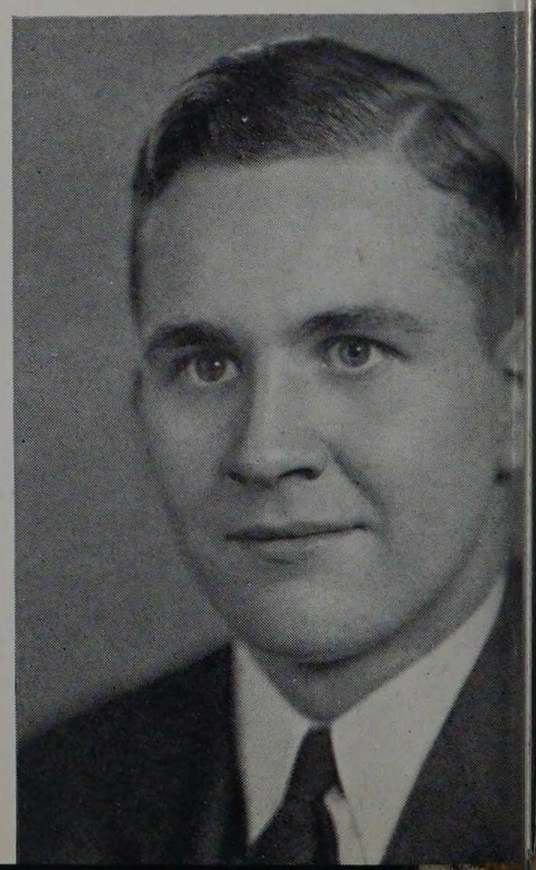
THE 1939

"Different!" That is how we, the staff of the CYCLE of 1939, like to describe this yearbook. Different in style, different in design, it represents many interesting hours of planning and work by a staff which has operated as an "all-star" team. Everyone was given a definite place and a duty to fulfill, and the publication shows the results. Using fewer words and more pictures than ever before, we have tried to incorporate more LIFE in this volume by giving a straightforward presentation of views and happenings about Armour in a concise, modern fashion. Every organization, every fraternity, every team, and every student have been accounted for, and we will not consider our work successful unless it meets the approval of each man who has contributed a part. In every publication of this kind, a great amount of effort is expended in obtaining an artistic layout. In designing the pages and cover of the "Cycle" of '39, we have tried to combine art with engineering by using rectangular and circular systems of assembly. In this way it was hoped that we would please both engineer and architect, as well as anyone else who might be interested in Armour Institute of Technology. To members of the faculty and others who have unselfishly given their aid, we extend our sincere thanks.

We hope that the staff of next year's annual will derive as much real enjoyment from their work as we have. We wish them the best results in their undertaking, and hope that they, too, will produce something "different."

DAN JACOBSON, Editor.

Norman Rice

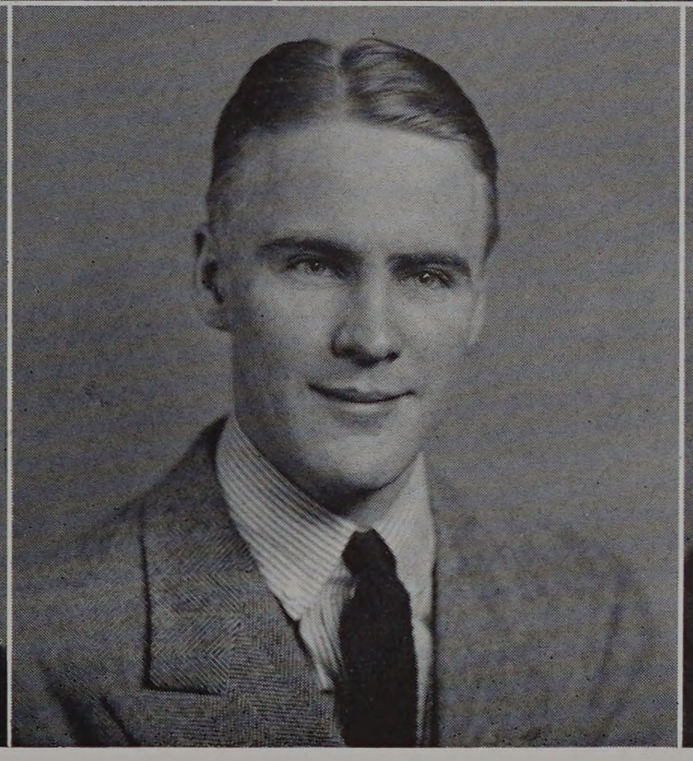
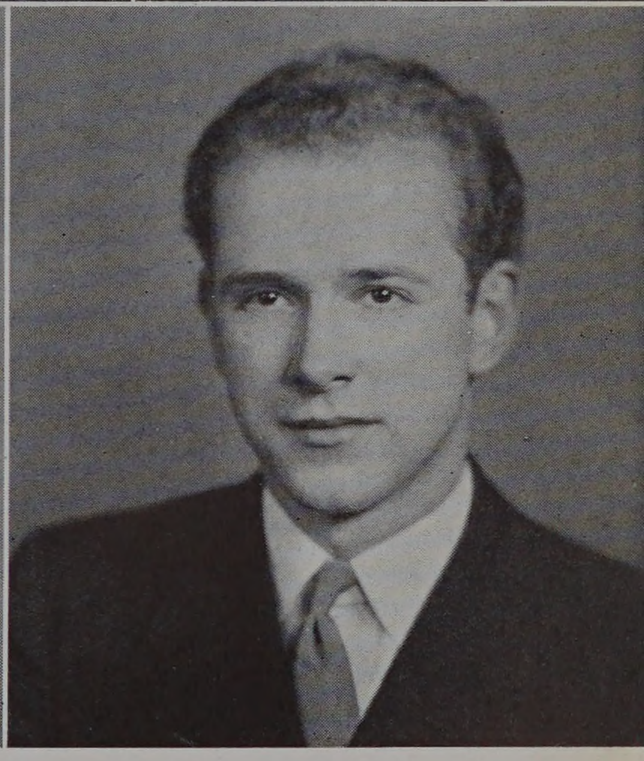


CYCLE







Above:
Anderson
Bernstrom
J. Clark
T. Clark
Collier

Below:
Giovan
P. Jacobson
Ransel
Worcester

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ARMOUR ENGINEER

AND ALUMNUS



THE ARMOUR ENGINEER & ALUMNUS

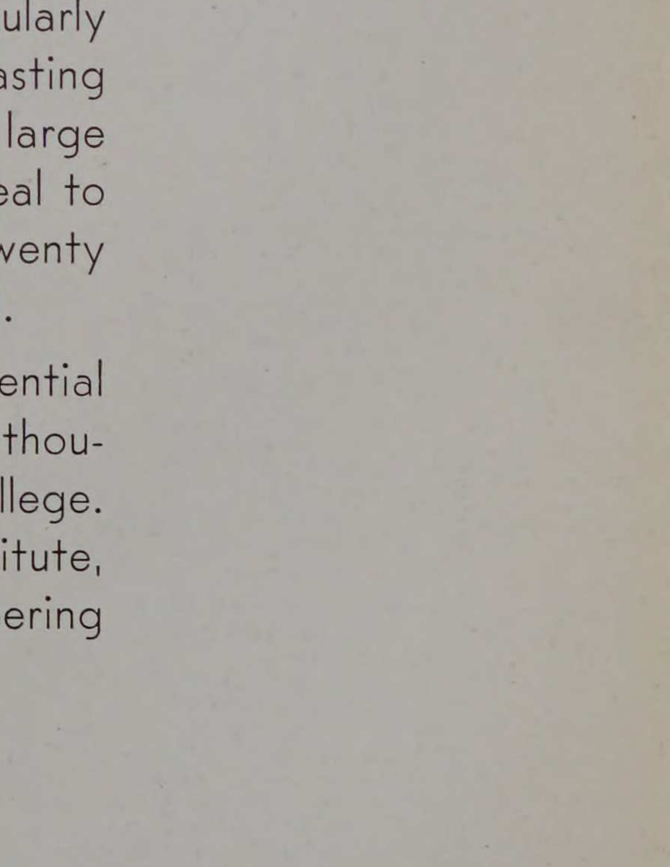


W. Hendricks

The exceptionally high standard of the publications of Armour Institute of Technology is indicative of the time and attention given to their perfection. The **Armour Engineer and Alumnus,** now thirty years old, is the farthest reaching of these publications, bringing to the students of the Institute, present and past, news of their classmates and news of their alma mater. The **Engineer** is under the general management of Professor Walter Hendricks, Editor-in-Chief. Mr. A. B. Lewis, Assistant to the President, is in charge of business affairs.

Outside of the fact that the **Armour Engineer** is an alumni guide and an indicator of Institute activity, it is also a recognized scientific journal. Foreign libraries, as well as our own national scientific societies, regularly receive the publication. Its four issues annually bring articles of lasting interest on current subjects of a technical nature. The inclusion of a large number of excellent photographs has popularized it so as to appeal to other than engineers. At present it has a circulation of over twenty thousand copies, reaching every alumnus in this country and abroad.

In recent years it has become an increasingly important and influential instrument of Institute publicity. It has attracted the attention of thousands of Armour's friends who follow the life and activity of the college. The **Engineer** has done, and is doing, a creditable service to the Institute, its graduates, and to society as a journal of the progress of engineering education as reflected here at Armour.



A. B. Lewis

Armour Tech News

Z-140 | Armour Institute of Technology, Chicago, Illinois, Tuesday March 14, 1939 | Vol XXIII No. 5

Class Averages Released; School Paced by Seniors

Scholastic averages for the entire school have been released by the registrar's office. A. M. Zarem, electrical, leads the senior class with an average of 2.98. The junior class is led by a chemical, H. F. Newman, with an average of 2.89. M. Camras with an average of 2.96 heads the sophomore class, while the freshmen are led by A. F. Norwood with a straight A average of 3.00.

The seniors top the classes in the ratings, followed by the lower classes in order.

Senior class 1.65
Junior class 1.49
Sophomore class 1.29
Freshman class 1.12

As can be seen, the senior class has a much higher average than the other classes. This gradual increase in the averages is caused by the dropping out of the poorer students in the lower classes.

Electricals Lead

Departmental averages show that the electricals lead the big three (chemicals, electricals, and mechanicals) with an average of 1.53. The fire protects lead all of the departments with a 1.80 average.

Mechanical Engineering ..1.36
Electrical Engineering 1.53
Civil Engineering 1.21
Chemical Engineering 1.46
Fire Protection Engineering 1.80
Architecture 1.33
Engineering Science 1.45

The averages of the first ten men of both the senior and junior class are:

Seniors

Zarem, A. M., E.E.....2.98
Ephraim, Max, M.E.....2.95
Derrig, Geo. J., M.E.....2.93
Loutzenheiser, E. J., Ch.E.....
.....2.73
Jacobson, Dan W., FPE...2.70
Yeakle, Thomas W., FPE..2.64
Rice, Norman D. M.E.... 2.60
Moculeski, S. J., Ch.E.....2.57
Janicek, Joe J., M.E.....2.49
Anthon, Harold S., C.E.....2.48

Juniors

Henry F. Newman, Ch.E...2.89
John Catlin, M.E. 2.80
Francis A. Opila, C.E. 2.80
Alvin Winkler, M.E. 2.78
T. A. Hunter, FPE 2.77
Sidney A. Heenan, Ch. E...2.76
Donald Sunde, FPE 2.74
R. H. Wagner, M.E. 2.73
John R. Gerhardt, Sci. 2.72
Chas. J. Ryant, Ch.E. 2.68

Fraternities comprise a large amount of the activities of Armour. The honorary fraternities, which are based on scholastic ability, lead the

(*Continued on page four*)

Members of Camera Club Hear Student Speakers

Chinatown played host to the Armour Eye last Wednesday, March 8. The occasion was a group dinner given by the club at one of the more exclusive chop suey houses. After obtaining their fill of Chinese delicacies, the members of the Eye adjourned to their rooms in Chapin Hall where they heard two lectures by fellow members.

First of the evening's speakers was James A. Rummell on "The Construction and Use of Photo-electric Cells in Conjunction with Photography." Rummell described the inner working of the photo-electric cell in theory and practice. The lecture continued with the applications of the photo-electric cell to actual problems in the field of photography.

Donald F. Crego, president of the Eye, discussed the subject "Infra Red Light." During the course of the lecture, reference was made to the fact that excellent photographs can be taken in a perfectly dark room if a hot flat iron has its infra-red rays focused on the subject. The infra red rays, however, must be used in conjunction with a specially prepared film.

A new studio camera built by Conley has been purchased. The camera takes a 5 by 7 inch picture. After the lecture various tests were made with the camera.



Drama, Thrills, Young Ladies, Feature Play

Mystery — suspense — excitement thrills—will be in store for all who are planning to see "Captain Applejack" presented by the Armour Players on the evenings of April 21st and 22nd in the auditorium of the Student Union Building.

This, the second production of the current school year, is a modern play written in an extremely fascinating Arabian Nights entertainment mood and contains much more physical action and universal appeal than would be expected in any other type of dramatization.

Selection of the cast, including the feminine roles, has already been completed, and rehearsals are now under way. Richard Lescher has designed a set which will enable the audience to view all action on the stage from all angles.

After the curtain has been drawn on the final act of the play, the entertainment will by no means be over. Don Charlton and his Armour Tech social orchestra will then swing into action for the dancing enjoyment of all.

The Cast

Captain Applejack.Charles MacAleer
Dennet .....Hugo Geissler
William Zehr
Banner .....Zenon Prance
Albert Sankowskis
Pengard .....Richard Hanneman
Alfred Banas
Lush .....Gene Kalin
Johnny Jason ....Robert Underhill
Berlaski .....Guy Morris
Alfred Minwegen

The young ladies who are assuming the femine roles are from the Chicago Teachers College where they have had experience in dramatic arts

(*Continued on page four*)

Rug Cutters Swing Out At Senior Ball

Techawks will have another chance to enjoy a fine dance in the Student Union because the seniors have planned another open dance to be held Saturday, March 25, at 9:30 p.m. As the first class to hold a dance in the Union, the seniors have set a precedent of holding dances on the campus. An unusual feature of the dance is the fact that the price of a bid will be only one dollar.

After auditioning several orchestras, the social committee, consisting of B. G. Anderson, chairman, T. Collier, I. M. Footlik, W. D. Chapman, R. Kotal, S. J. Moculeski, and E. C. Mitchell, finally selected Don Wallace and his orchestra. With this eleven piece orchestra to supply the music, all who attend are promised an enjoyable evening of dancing.

The senior class is trying to start a series of inexpensive dances in the Union. "We are attempting to encourage more social affairs in the Student Union with prices as low as possible," stated B. G. Anderson, "and still have well-known orchestras."

Future Managers To Hear Talk by Personnel Officer

"How College Graduates Look to a Personnel Officer" is the subject of a talk to be given next Friday, March 17, before the Armour Chapter of the Society for Advancement of Management, by Mason Smith, personnel manager of Marshall Field and Co.

Mr. Smith, who daily comes in contact with a large number of college men, should give senior students some interesting pointers on qualifying for a position.

The student branch of S.A.M. meets Fridays at 10:30 in the West Lecture Room of the Student Union.

Juniors Pick Marshals for Junior Week

On Wednesday noon, March 8, the Junior Commission held its fifth meeting of the year. Members of the commission are L. W. Norkus, J. M. Fahey, and S. A. Heenan of the Chemicals; A. H. Pedersen and J. C. Balsewick of the Civils; H. B. Quandee and D. H. Sunde of the Fire Protects; R. J. Bartusek, C. R. Eulo, and W. F. Yeager of the Mechanicals, E. M. Mandel of the Architects, and K. F. Oldenburg and J. Hartman of the Electricals. Officers are D. H. Sunde, President; K. F. Oldenburg, Vice President; C. R. Eulo, Secretary; and A. H. Pedersen, Treasurer.

The Engineering Science department again asked that they be given the recognition and consideration a distinct department deserves. A motion to the effect that they be allowed to have a Junior Marshall was defeated, the reason being that there are only three students.

The various committees in charge of the department elections of Junior Marshals gave their reports next. Results were as follows: Junior Marshals are; J. G. Eggers, Jack Clark, S. A. Heenan, D. J. Mackey, W. H. Scherer and J D. Shaver. Alternates elected are Edw. Brannick, J. G. Cerovski, G. E. Damm, Ralph Erisman and L. W. Norkus.

From these Junior Marshals will be chosen the Head Marshal. This Marshal is elected by the entire class. The alternate in the department from which the Head Marshal is chosen automatically becomes Junior Marshal.

Schommer Names Officials For Relays; Announces Special Mile

McCormack Aids Bill For Licensing Engineering Men

With the help of Professor McCormack, chairman of the legislative committee of the Illinois Engineering Council, an attempt will soon be made to pass a bill in the Illinois state legislature requiring the registration of practicing engineers. Many attempts have been made in the past to pass legislation of this sort, but all have met strong opposition, especially from the unions. The present bill, as it is drawn up, is in a form which should eliminate as much of this opposition as possible.

If accepted, the bill will require the passing of an examination and subsequent registration. A similar system has been used in the legal and medical fields for many years.

Many states have some law pertaining to the registration of engineers. This organization of the profession has benefited society as a whole for it has raised the standards of practice and, above all, has offered a method for a more compact organization of the profession. It will undoubtedly also necessitate an elevation of standards of schools of engineering.

Composed of men in many engineering fields, the Illinois Engineering Council was organized about six months ago in the interests of engineering. At the present time President Heald and Professor McCormack are members of the Council.

A.T.S.A. Backs Green Cap Rule

Last Thursday at 3:30 a meeting of the A.T.S.A. board was called to consider several important questions which have come up. The most important of these was the "Green Cap" situation, soon to come into being again. Athletic awards were discussed after the green hat problem, and finally a new rule concerning meeting dates for the A.T.S.A. was adopted.

Each year, on St. Patricks' Day, the freshmen are again requested to replace their "Pots," on the shelf since Thanksgiving. This year the freshmen will NOT wear their hats. This statement is by official order of the dean's office. No enforcement by members of the class of '41 will be tolerated.

Robert Sweeney, the sophomore class A.T.S.A. member, stated that it is the intention of the sophomores not to participate in the annual Junior Week rush if they are not allowed to enforce the wearing of green hats. The statement from the dean stands, in spite of any protest which the class of '41 may make. The institution of Junior Week is much older than that of green hats and has a greater tradition behind it. Green hats were introduced only five years ago, in accordance with the general practice in institutions of higher learning in this country. It was felt that this action would help in uniting the freshman class and in getting them started on the right foot. Since green hats have only proven a "sore thumb" and have been a continual source of trouble in the dean's office, they are being abolished for good. Hazing of freshmen is definitely frowned upon by all of the institute officials.

In adopting the new rules for meetings of the board, the A.T.S.A. made provisions for having definite, periodic meetings. This action was felt to be necessary in order to have a definite, pre-arranged date on the calendar so that all of the members, both student and faculty, can be present. Meetings will now be held once every month in contrast to the calling of meetings whenever it was deemed necessary to have one.

Fenske To Meet Smith Deckard in Feature

All is in readiness and the midwest is waiting for the gun which will start the eleventh running of the Armour Tech Relays on Saturday, March 18 at the U. of C. Fieldhouse. Over thirty schools have already accepted invitations and many latecomers are expected to check in before the final day.

John J Schommer, chairman of the committee in charge of the games, has obtained a group of capable and experienced officials who are certain to conduct the various events with the greatest efficiency possible. On Mr. Schommer's committee are George Allison, Norman Root, and Al Schreiber.

Prominent Men to Officiate

Chief referee for the games will be, T. N. Metcalf, athletic director of the University of Chicago. J. J. Lipp, noted football official will act as head timer while the post of starter will be held by Dr. W. J. Monilaw. The physician in charge is Dr. J. F. McNamara of Armour Tech.

Outstanding among the judges at the finish are August Pritzlaff, director of high school athletics, Judge Hugo Friend, D. H. Brown, and Grant Stenger. Judges at the high jump are P. A. Macfarlane and Anton Burg. Professors S. F. Bibb and W. W. Colvert will officiate in the pole vault.

In charge of the shot put will be C. J. Plocar and Nels Norgren, Chicago track coach. Bernard Weissman has been selected as a marshall and Al Schreiber and Art Jens represent the press.

Other Officials Named

James Lightbody will serve in the capacity of head inspector being assisted by W. C. Krafft and Jay Wyatt. The clerk of the field and clerk of the course are not definitely known, but they will probably be Harry Frieda and J. K. Andern respectively. Other officials will be known in a few days.

Trial heats, for most of the events, will begin at 4:00 Saturday afternoon with the regular schedule planned for 7 o'clock on through the end. The order of events will be the same as in the past with the exception of the special invitational mile which will be held at the convenience of the participants.

Brisk Competition Indicated

Tommy Deckard and Jimmy Smith, formerly of Indiana have accepted bids to compete against Chuck Fenske in an attempt to break Fenske's mile record of last year. A number of other records will probably fall by the wayside before the meet is over.

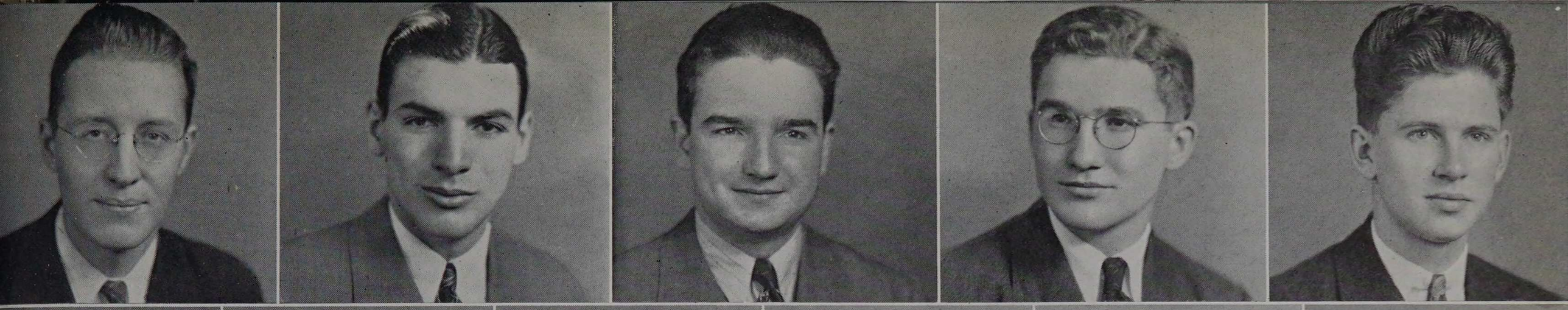
Late entries received during the past week include the University of Nebraska, University of Dubuque, Cornell College, and Wilson Jr. College. Others are Kansas State, Vanderbilt, Grinnel, and Carlton College.

The entries are divided into university and college divisions with special events for each. This will tend to bring about a more even balance and will stimulate competition to a much keener point than is shown in many other meets.

Musical Clubs Give Concerts This Week

Continuing their string of successful performances, the Armour Musical Clubs will appear before the Rotary Club of Chicago today. This concert is to be held in the Grand Ballroom of the Hotel Sherman at twelve o'clock. Serving as a luncheon club for many of the prominent business men of Chicago, the Rotary Club is one of the most effective connections that the students may have with the city's business men. After the concert, which will close shortly after one o'clock, the members of the musical club will return to resume their studies.

Friday March 17, the Musical Clubs will travel by bus to Tilden High School, where they will appear before the entire student body. This is a request performance after the success of the club's appearance there last year.



Top:
Coyle
Ephraim
Fahey
Jaffee
Kalnin
Kohn
Kotal
Opila
Slavin
Winblad
Yeakle

THE EDITORIAL BOARD

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Faculty Advisor . . . . . Walter Hendricks

Another year and another volume of the **Armour Tech News** has rolled off the presses. Although only twelve years old this publication has become deeply imbedded in the life and traditions of Armour Tech.

Russ Kotal led a competent staff through thirty-one difficult deadlines, including last spring's extra "scoop" edition which told of plans for the new Student Union. **Tech News** also had the exclusive privilege of announcing the appointments of President Heald and Dean Tibbals.

Getting out a school paper is a real job—few awards are given to the deserving staff. Yet each edition of the **Armour Tech News** is the result of tireless effort made for the advancement and glory of Armour Tech.

THE STUDENT PUBLICATIONS ADVISORY COMMITTEE



Committee Chairman,
Walter Hendricks

The Student Publications Advisory Committee is now five years old. In the course of these years it has centralized the administration's policy of the Armour publications in order that they may better reflect in their respective media the best interests of the Institute. Formerly each student publication was under a different faculty directorship, so that a conflict of administration and policy was almost inevitable. Aware of the undesirability of this situation, Dr. Hotchkiss, in 1934, organized the Student Publications Advisory Committee, headed since its organization by Professor Walter Hendricks, and consisting also of Professor W. W. Colvert and Professor Billy Goetz.

An important function of the Committee is to effect a continuity of spirit in the several publications of the Institute. The Committee seeks to find the men best qualified for the important editorial positions on the **Cycle, Armour Tech News,** and **Engineer.** It tends to maintain a spirit of co-operation and amiability between them that they may function ultimately as a unit for the greatest benefit to the college and her greater family. Within jurisdiction also is the budget apportionment meant to make each publication most useful to student and alumnus.

In accordance with the recent expansion program at Armour, special emphasis has been made on the publicity organs of the Institute. The Committee is at present ably managing the editorial policies of its publication that all who read either the **Cycle, News,** or **Engineer** will be equally impressed with the emphasis on education and research maintained here at Armour.

SHOTS OF THE YEAR

Faculty Grill



"Prof. Billy" clears a point



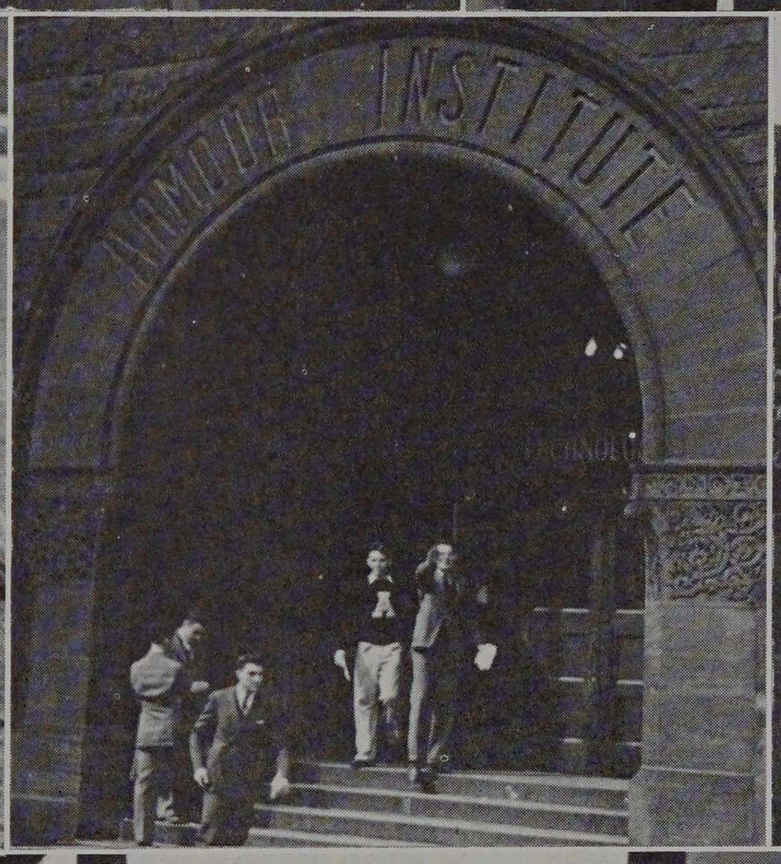
First lady of the Student Union



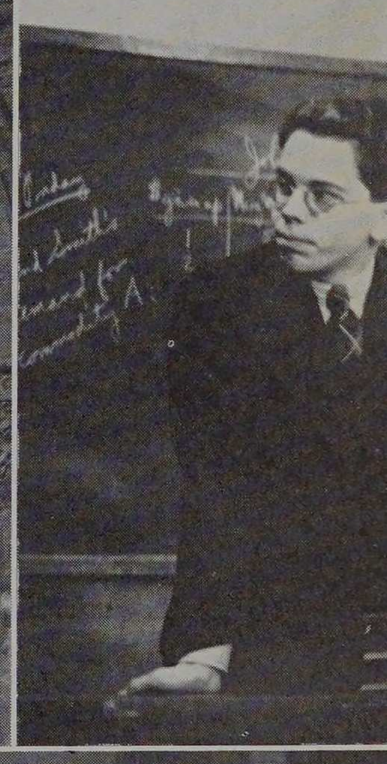
Engineers (?) at work



The beginning of it all



"Me and Einstein."



The 4:13 Mainshaker ruins a few drawings



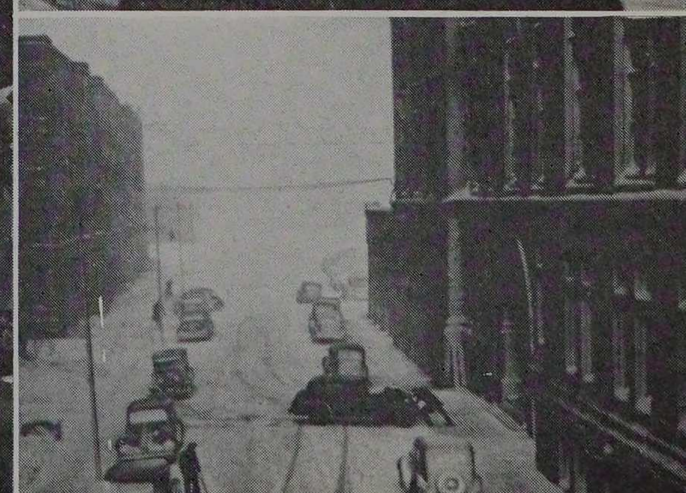
Federal Street from Machinery Hall



Engineers at play

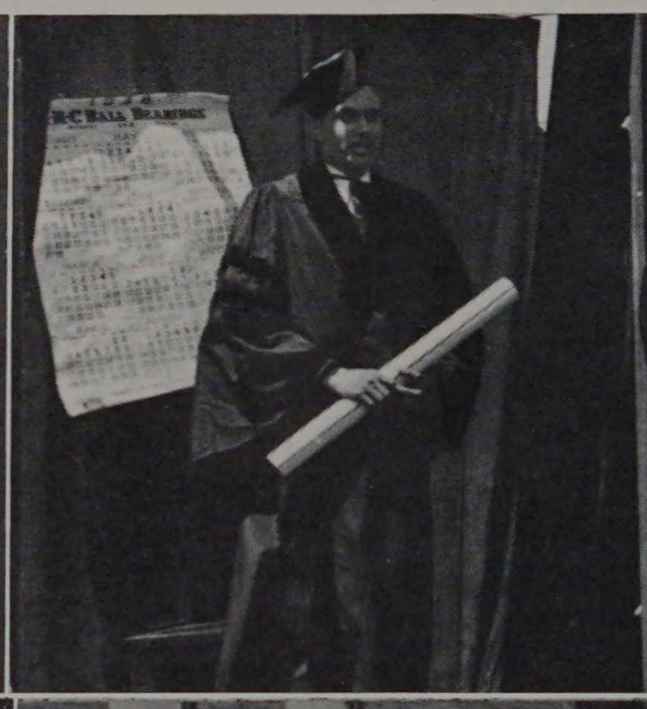


Russia Tech?

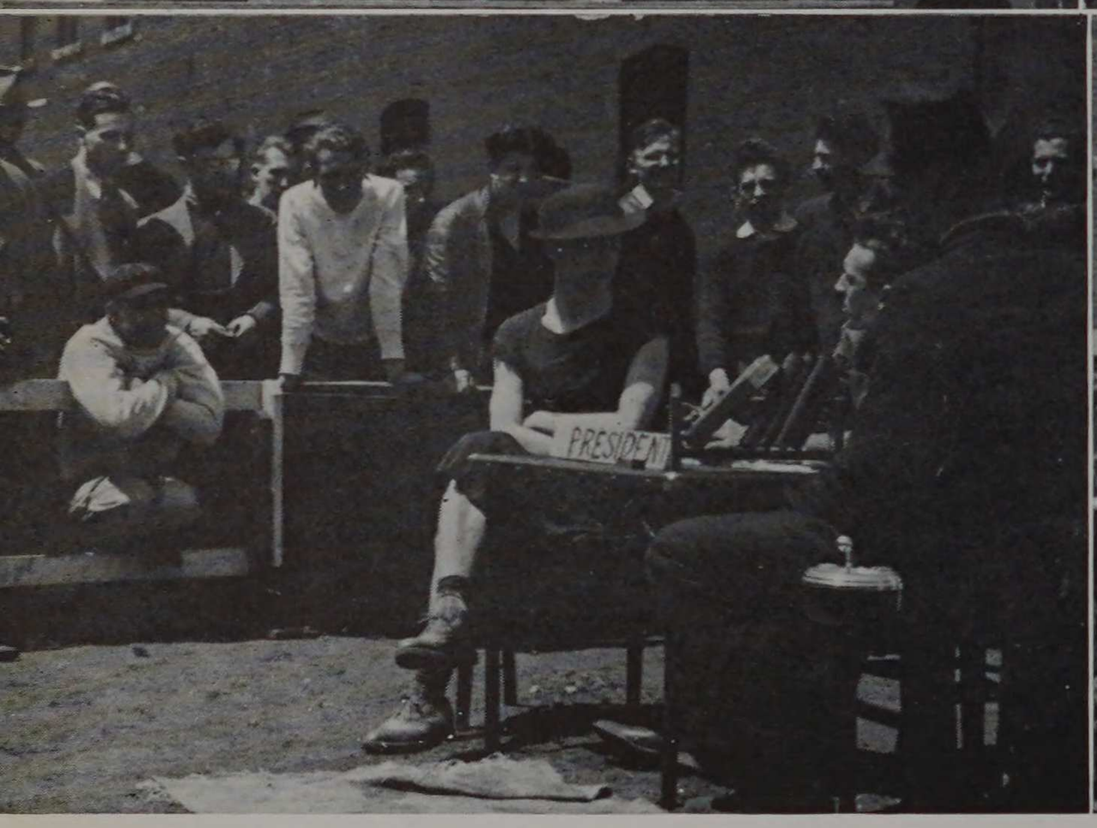


JUNIOR











Circus day gives Armour's frats a chance to blow off steam.

Slide rules stopped slipping. Classrooms were dark and still. The only students on campus were the junior chems and fire protects drawing their infernal hoists. Without, a warm breeze was blowing and a bright sun was shining. It was junior week, when Tech forgets the other thirty-five weeks of grind to lose itself in four days of interclass and fraternity frolic.

Tuesday morning the fraternity muscle men donned track costumes pilfered from prep school and college as well, and strutted and dashed about while the clean, white junior marshals tried to remain clean and manage the contestants. The Phi Pi's in usual form won the meet with no

WEEK '38



Skits get under way.

trouble, to add another victory to their string of athletic laurels. The Delts nosed out the Pi Kapp's for place position, twenty points behind the leaders. In the evening the fraternities opened wide their doors and traded dances in accordance with the annual fraternity open house.

The Institute dressed up in its Sunday clothes on Wednesday and put on a real show for its thirty-fourth open house. Literally thousands of Armour's family from high schools and homes in Chicago and suburbs came to see the displays. The chem labs were especially popular, while the physics laboratories had many puzzled and guessing visitors. The juicers made a hit with their kiss-o-meter and vacuum tubes. The arch's



Circus Day activities proceed.

in the drafting room and the photo enthusiasts in the library had excellent displays which drew large crowds. In tradition the open house crowds were invited to dance in the familiar Armour pillbox and open house was over.

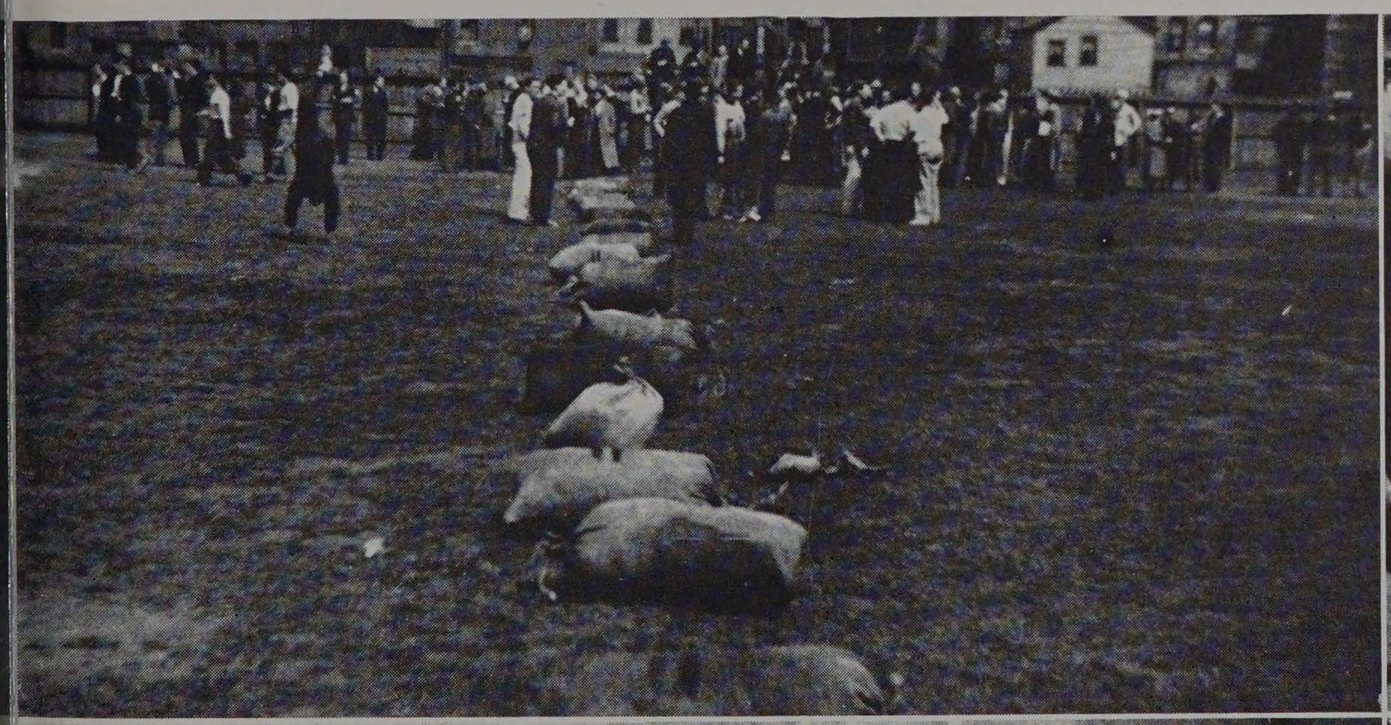
Baseball enthusiasm ran high when the sophomores and juniors met to settle the hardball dispute. It wasn't much of a battle with the sweet pitching of the juniors' one man staff, and the sophomores courteously dropped the game to the tune of 9-4. After four years of trying to settle the question of superiority in the classroom, the faculty and seniors took to the field for battle in the afternoon. The scene of contest was the baseball diamond, and instead of the usual stuff the sides took turns pitching baseballs. The overconfident seniors started off ahead, but the indefatigable faculty with the regularity of "strength" assignments, whittled away the lead and won, as usual, while the lower classmen cluttered up the field scrapping together.

The pentathlon, an annual feature testing the athletic versatility and supremacy of Tech's "he men," was won by Svadgis, a tank man.

Thursday featured the thirty-third annual spring concert of the Armour Tech Musical Clubs, with the popular interfraternity sing. In tone with the evening, the glee club and orchestra rendered a varied program from spirited ballads to tender love songs. The fraternities, bordering the balcony, then vied for choral supremacy, each with a presentation of two numbers. Competition ran high, and several houses were disappointed, but one was very happy—the Phi Kapp's who won with their melodic renditions of "Loyalty Song" and the "Marching Song."

Friday dawned and the restless freshmen and confident sophomores congregated in preparation for the historic rush. Meanwhile the Delts and Phi Kapp's settled the interfraternity baseball championship in a prolonged but friendly argument. The Delts lost 9-2, partly because their minds weren't on the game.

Beginning of the Frosh-Soph sack-rush









Of real interest on Circus Day were the production attempts of the various fraternities. The wits and nits of each house put their heads together and an amused crowd saw some clever, and some not so clever, stage work. The Phi Pi's turned fanciful and converted Ogden Field into a dark forest. Snow White and her seven dwarf friends were hits and the judges gave them undisputed first place.

The impatient underclassmen indulged in gorilla tactics awaiting three p. m., while the juniors and seniors tussled in a more dignified manner. The juniors showed their prowess by pulling their senior rivals all over Ogden Field on the other end of a rope. Relinquishing the tug o' war, the graduates did manage to merge victorious in the wheelbarrow race.

Finish of the Frosh-Soph rush.











The Sophs rejoice in victory!

At two minutes of Three, Marshals Dixon, Clark, Schmidt, Janicek, Lyckberg, Bush, Collier, and Wagner finished arranging the sand and straw bags, while the sophomores in the north end of the field glowered at the freshmen down at the south end. The gun went off and the long anticipated rush was on. Eggs of an antique nature flew thick and fast while photographers flitted in between to catch snaps of the glorious struggle. Aften ten minutes of heaving and wrestling the sophomores were judged winners 9-7, while the dismayed and disillusioned freshmen gathered their scattered garments.

The glorious week climaxed in the Junior Informal, held at the beautiful Olympia Fields Country Club. The party was a huge success and a fitting close to a long-to-be-remembered Junior Week at Armour.

THE MUSI



T. W. Yeakle

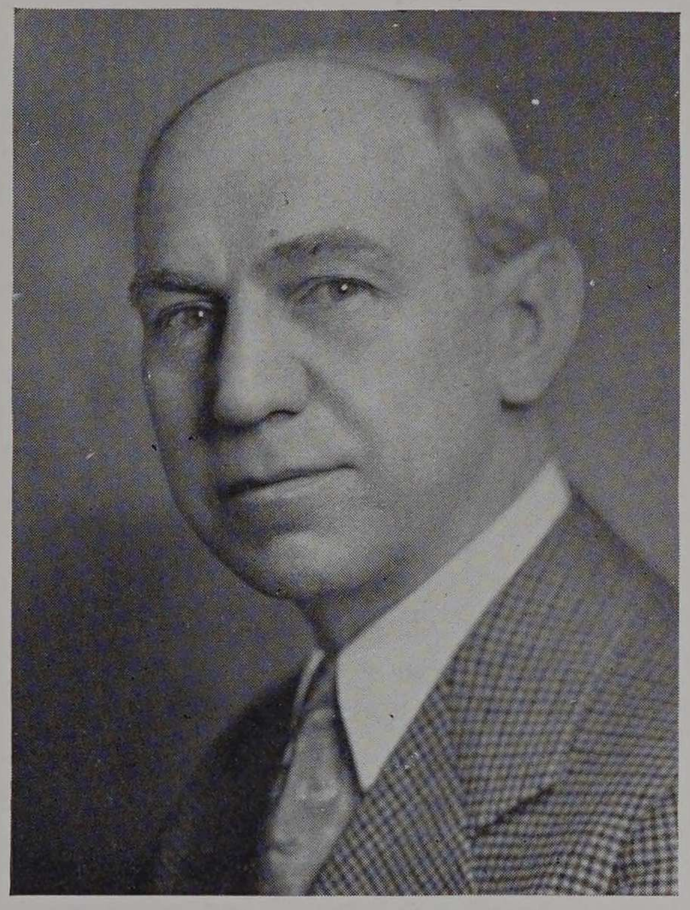
OFFICERS OF THE MUSICAL CLUBS

Thomas W. Yeakle, Jr. . . . . President
George E. Danforth . . . . . Vice-President
Carl W. Reh . . . . . Secretary-Treasurer

The Goodman Theatre Concert.



CAL CLUBS



Director,
O. Gordon Erickson

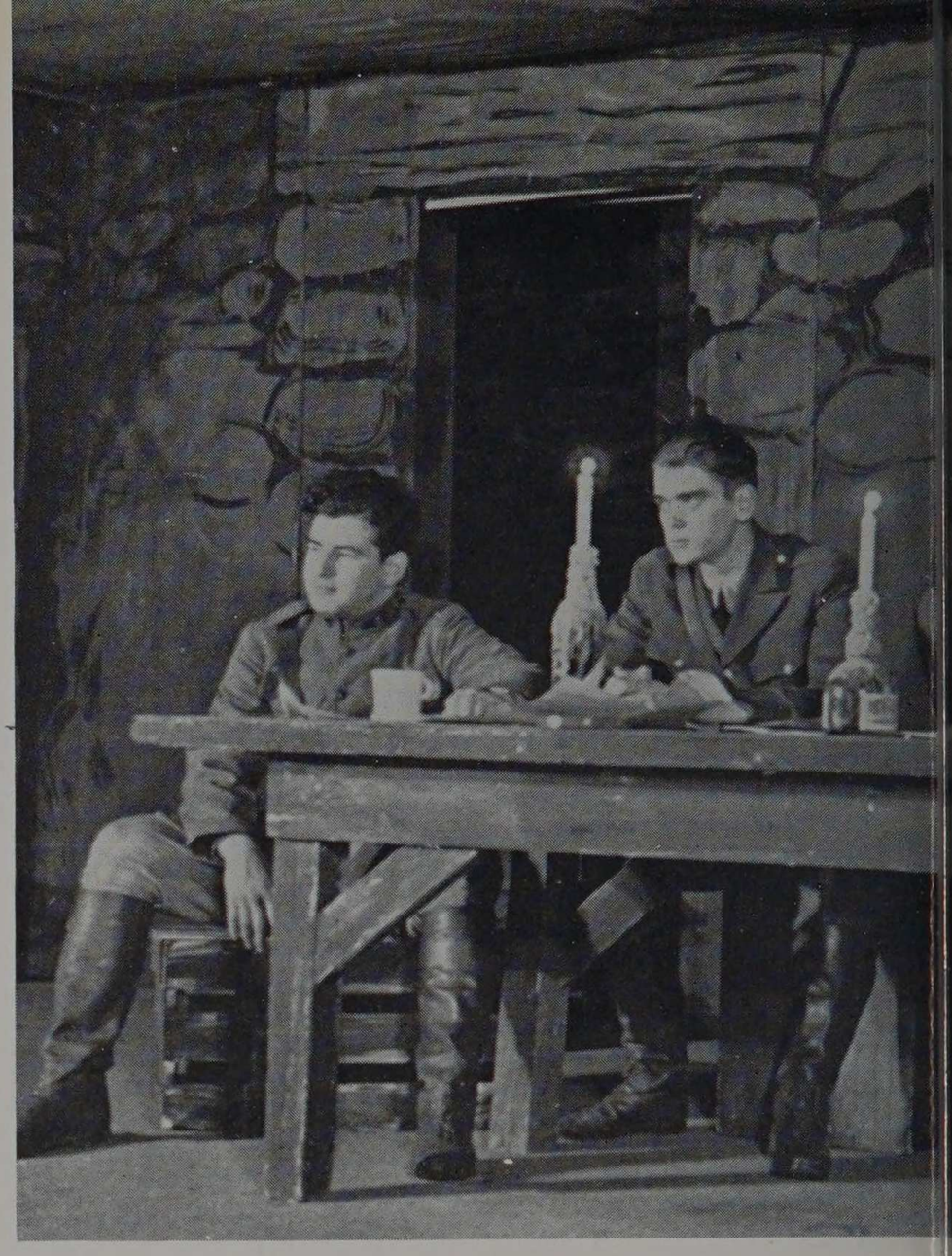
The Musical Clubs continue to do honor to their Alma Mater under the leadership of Mr. O. Gordon Erickson, director. O. G. trained the men in fine points of singing and playing, and developed a splendid repertoire for the season.

When "Howie" and "Mash" remembered to take roll-call, 125 students were discovered attending rehearsals. 50% of this number managed to drag themselves to the concerts given at exclusive Chicago and suburban clubs and national "hook-ups." Out of town trips to Dwight, Harvey, Milwaukee, and girls' schools brought out 120% of the membership.

The Rah-Rah boys who got a lot of the applause (and loved it) were Danforth, piano; Mashinter, violin; Doolittle, trumpet; Charlton, trombone; Woods, oboe; and the mad Russians, Hansen and Gromak. From the glee club came a double octet and solos by Yeakle, the fellow who after four years at Armour finally discovered that without girls in the audience there's no use singing, and without girls in your life there's no use living.

The Goodman Theatre Concert was tops all the way, rendered to a large audience despite the inclement weather.

THE ARMOUR



Dramatics at Armour took on a new aspect last September. The appointment of Mr. Merrill G. Christophersen as director of the players was responsible for the change. One of the immediate consequences of having a full time director was that the players' organization became more unified.

Tryouts for the year's first production were held shortly after school was under way. The play chosen was the World War classic, "Journey's End."

Standing: Silverman, Sternfeld, Miller, McAleer, Jacobson, Minwegen, Erisman.
Sitting: Jaffee, Underhill, Schultz, Buckman, Nerhus, Hansen.





Scenes from "Journey's End."

THE PLAYERS

After much hard work the play was presented on the evening of January 6, 1939. The new Union auditorium was packed to capacity, marking the effort as a success.

As their second production, the players dramatized "Captain Applejack," presenting it late in the season and scoring another hit. Dramatics at Armour now have been placed on solid footing, with real student interest and participation as a foundation.





THE JUNIOR FORMAL

A formal dinner-dance was held on March 5, 1938, under the sponsorship of the Class of 1939. The site chosen was the beautiful and spacious Grand Ballroom of the Palmer House.

Gay Claridge and his orchestra offered many sweet melodies to the delight of social Armour and its guests. The combination of congenial formality and melodious music afforded an unforgettable evening.



Anderson
Jacobson
Mitchell
Footlik



The committee
and guests
at the
Senior Dance.

THE SENIOR DANCE

The new Student Union was formally initiated to the Techawk social life with the seniors' dance, "The First Nighter," on December 10, 1938.

The evening of dancing and gayety was in perfect accord with the individual style of music supplied by Charlie Gaylord's Orchestra. His soft music was audible throughout the building, thus furnishing the couples, resting in the smartly furnished student lounge, or partaking of refreshments in the lunchroom, with a most enjoyable atmosphere.

Anderson, Chapman, Collier, Moculeski, Mitchell, Kotal, Footlik.



THE JUNIOR INFORMAL



Clark
Charlton
Worcester

At the time that the CYCLE went to press, the juniors were laying plans for one of the most unique events of the year. It was the intention of the committee to utilize the facilities of the Itasca Country Club, and the orchestra remained to be selected.

THE FRESHMAN DANCE

THE COMMITTEE

R. J. Tatge
E. G. Huxhold
T. S. Krupnik
J. J. Mays
R. H. Talcott
E. R. Ther

On the eve of April 14, the Class of '42 made its debut into the social life of Armour. The annual Freshman Dance was presented at the Boulevard Room of the Stevens Hotel. The selections played by Art Wise and his Orchestra were of excellent choice, and presented an evening of danceable music for the Techawks and their guests.

THE INTERFRATERNITY FORMAL



Dodge
DeMent
Collier

The social fraternities of Armour Tech selected the evening of January 28 to hold their annual Interfraternity Formal. The committee selected the Columbia Yacht Club, on Chicago's lake front, as the most desirable spot for this affair. Music for this unusual affair was furnished by Pierson Thal and his orchestra, whose "rippling rhythms" blended well with the Lake Michigan atmosphere.



Dodge, Collier, and guests.



Grosse, DeMoney, Ratzel, Hartman, Murray.

SOPH DANCE

The Sophomore Class made a great effort to produce one of the outstanding social events of the year. Their choice of the Grand Ballroom of the Medinah Athletic Club was excellent. The music, supplied by Jack Russell's Orchestra, created an atmosphere for dancing that pleased all who attended.

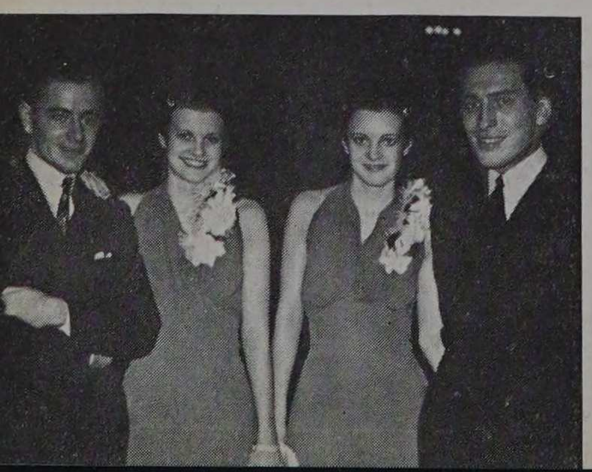
Thus the socialites of Armour were convinced that the Class of 1941 upheld the tradition of the annual Sophomore Dance . . . an affair at which everybody may have a really good time.

THE "ZARABANDA"

The "Zarabanda," sponsored by the Junior Architectural Class, was successfully held in the Michigan Room of the Edgewater Beach Hotel on October 21, 1938.

The orchestra selected to deliver the necessary rhythm of the evening was Junie Griggs' Colonial Club Orchestra.

The "Zarabanda" served as an informal introduction of the architects' new department director and staff.



CO-OP DANCE



Hill, Stone, Cuculic, Appelt, Krahulec

The Co-op Club, organized for the unification of the co-operative students, held its Winter Dance in the newly remodeled Student Union on February 3. Decorations, consisting of streamers and balloons, furnished a perfect setting for the music of Al Trace's "Six Men and a Girl."

This dance aided in bringing the two groups of co-ops together, but to the disdain of everybody, the evening came to an early close, leaving behind pleasant memories of another co-op achievement.



HERE AND THERE



Chem Engineering Lab.



Main from 33rd and the tracks.

Danger! Men Working.

If I had the wings of an angel.

Entrance to Main.

That's close enough, let's go.

Sr. Mechs at South Bend.

Tony and his Thermo.



After remodeling.



1 FPE and 3 Civils.



Gotta go now.

WITH THE TECHAWKS



The Musical Clubs give a concert at the Art Institute.



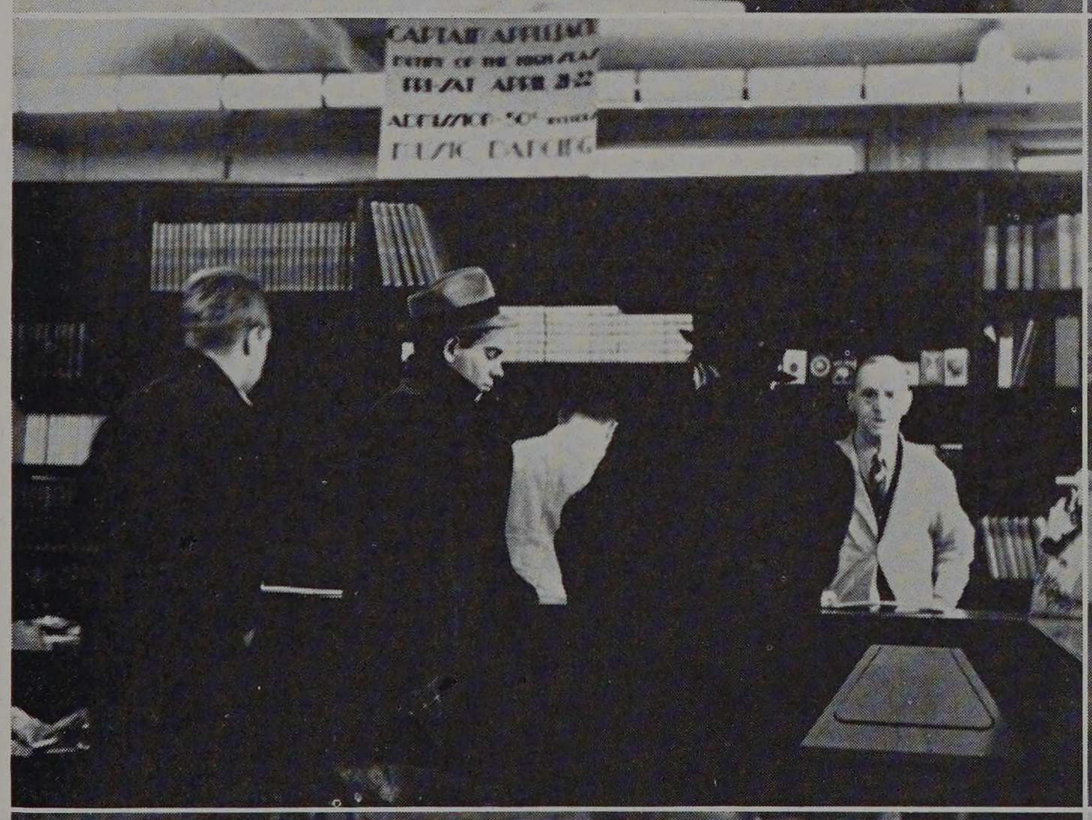
Where we pack it in and talk it over.



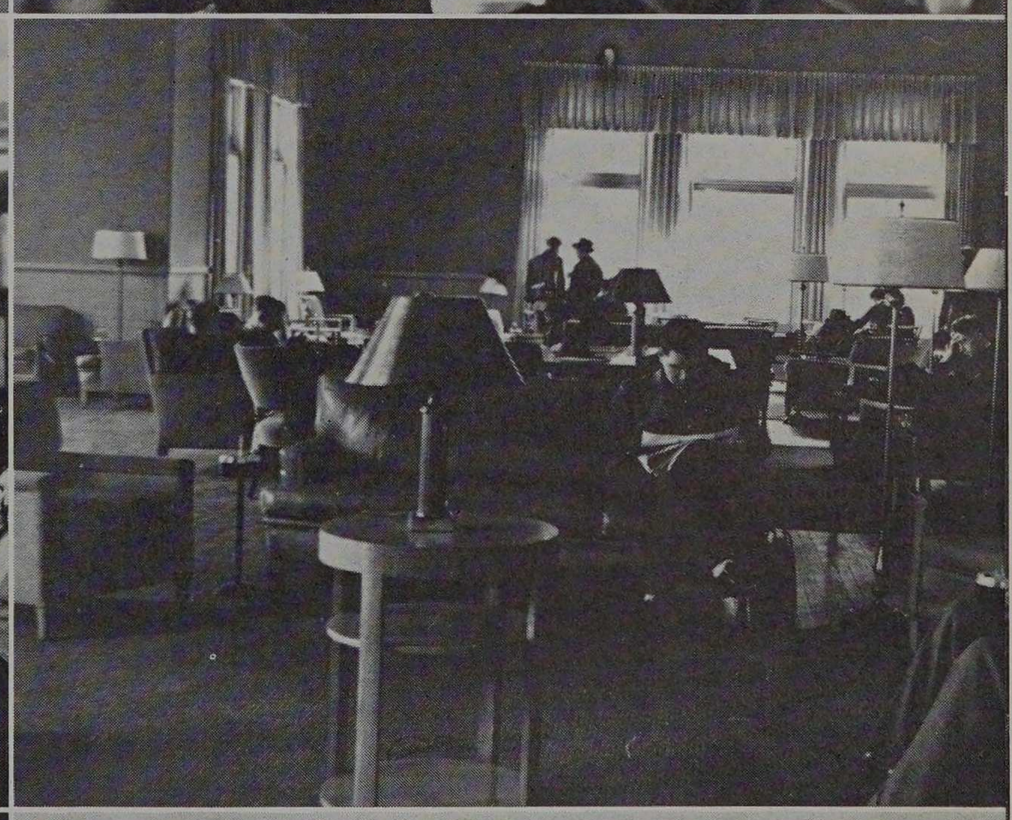
An Arx "bull session."



1 gram meat, 2 peas, 14 molecules mashed potatoes, all the H_2O you can drink, 30 cents.



Den of the two thieves.



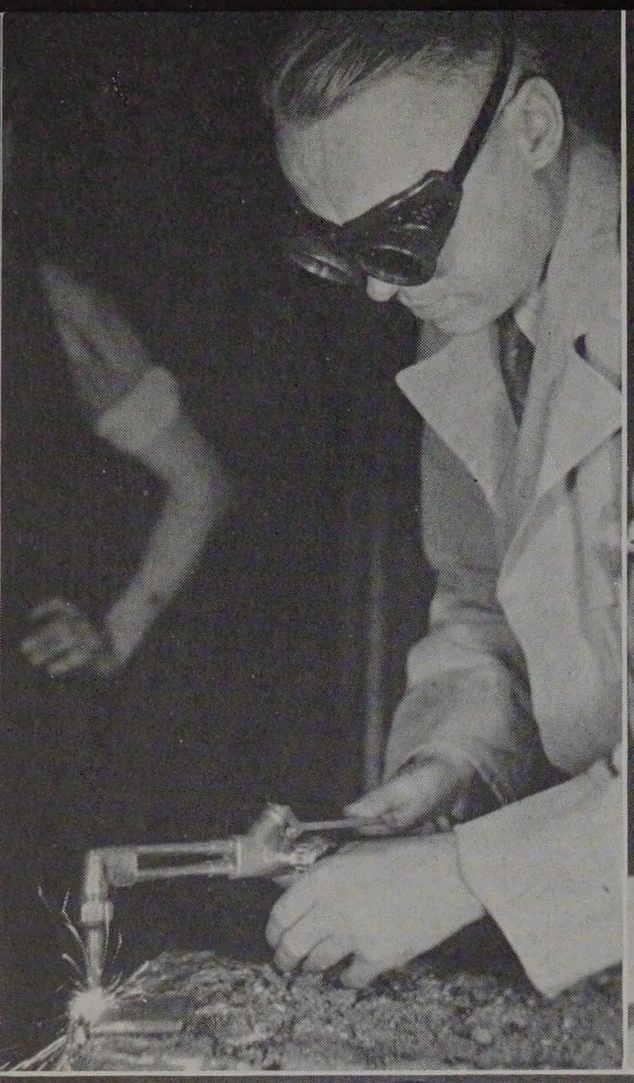
Civils' drafting room —1939 style.



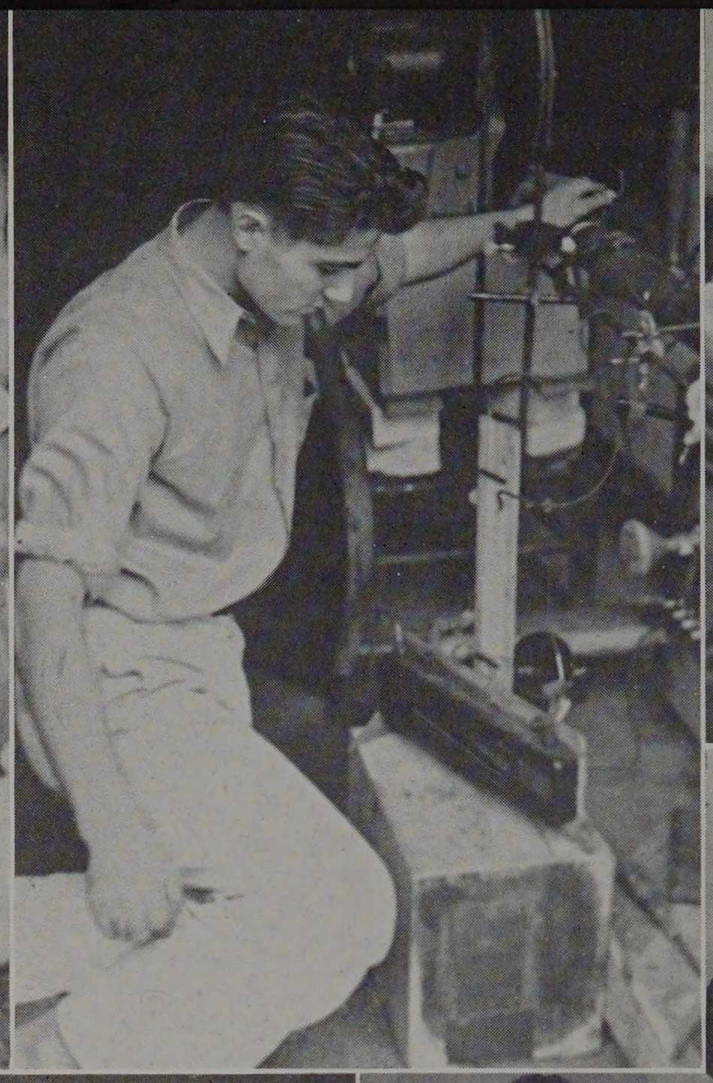
"Doc" and "J. J." straighten things out.



Fathers' and Sons' Banquet.



Pearl plays Buck Rogers



15% CO_1
85% PU = ?



A straight Coke . . .
What a man!



The day of the Cycle photos.



That crazy camera crew.



Eve of the finals.



"What will my Mama say?"



Is she blonde or brunette?



National Hoist Day?

Meeting place of the moths.

"Escalator" in the Student Union.

During remodeling of the Union.

Kibitzers here too!

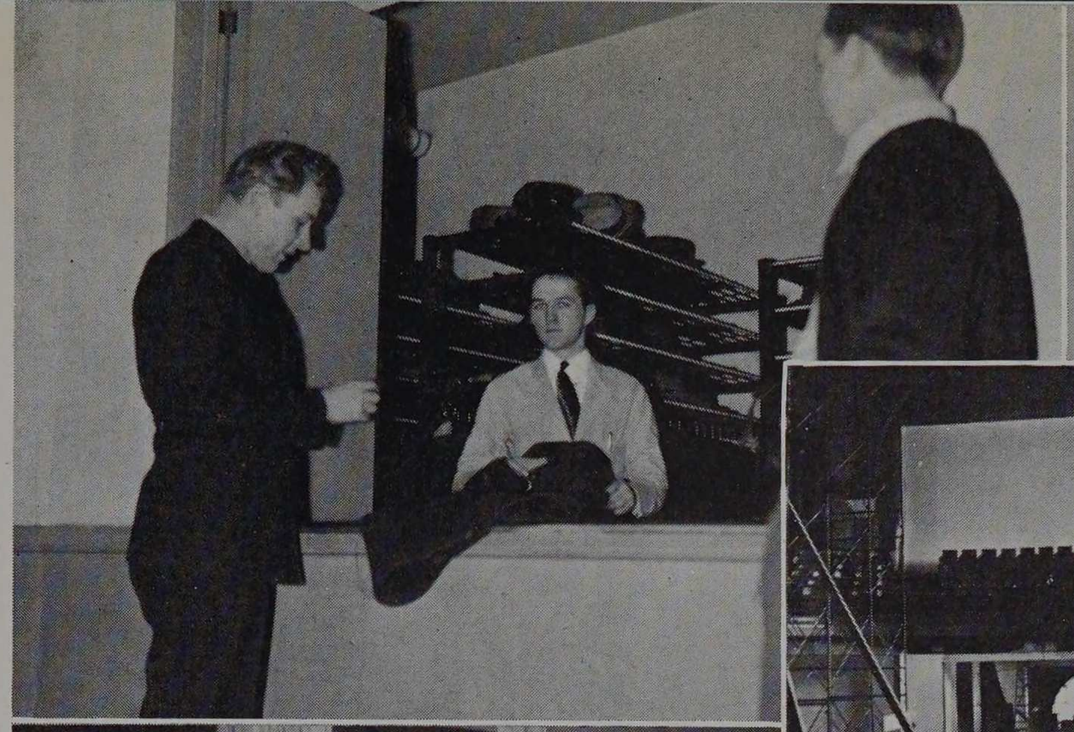
The room with the 2,000,000 volt floor.

The faculty grill, midnight.

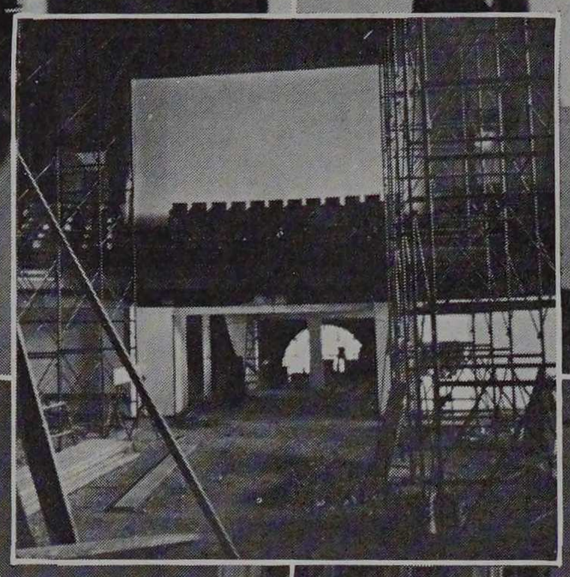
"The Legend of Cootie Hollow."

Poison them, Frances!

Stan's Place.







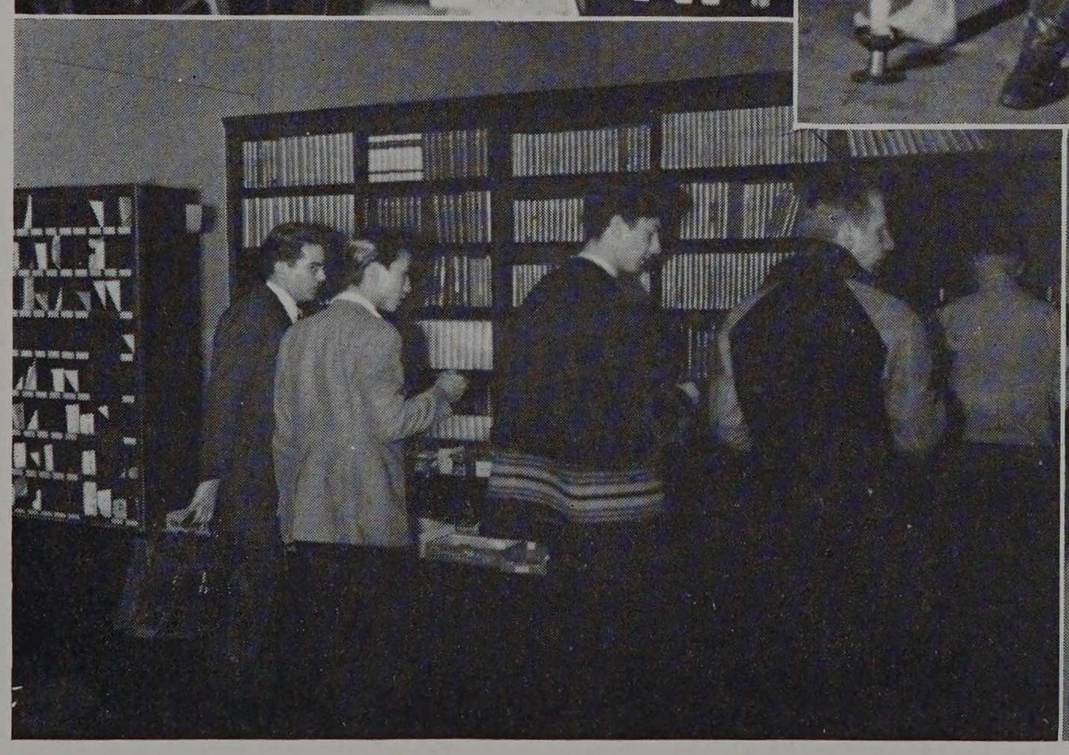


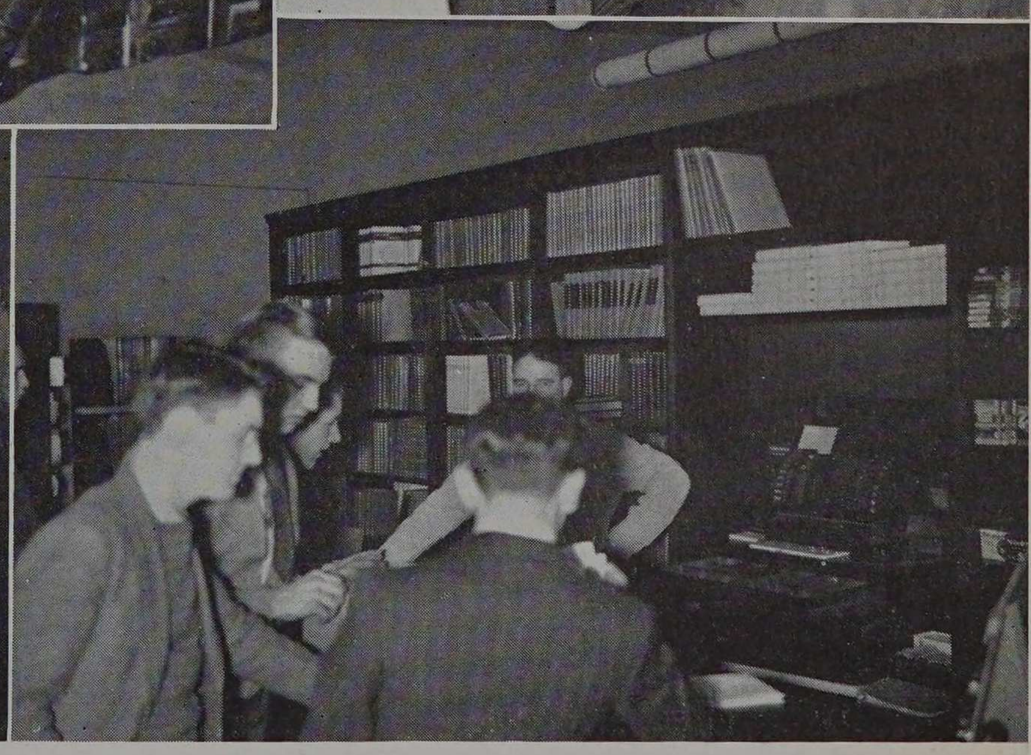




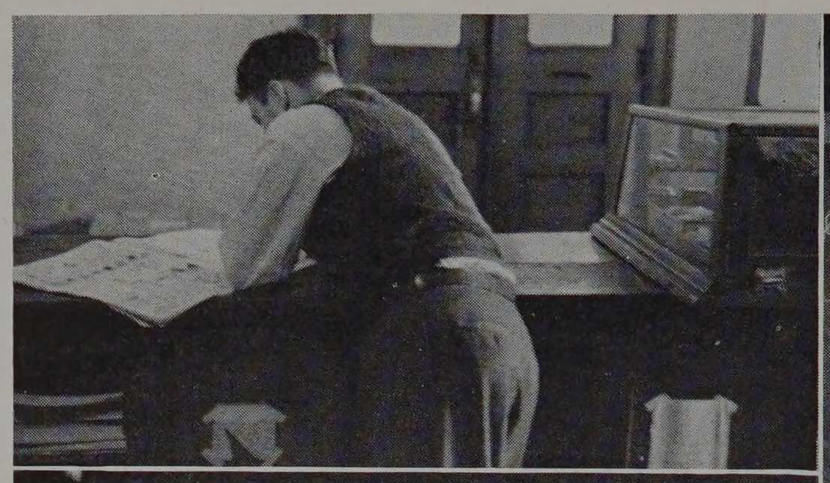








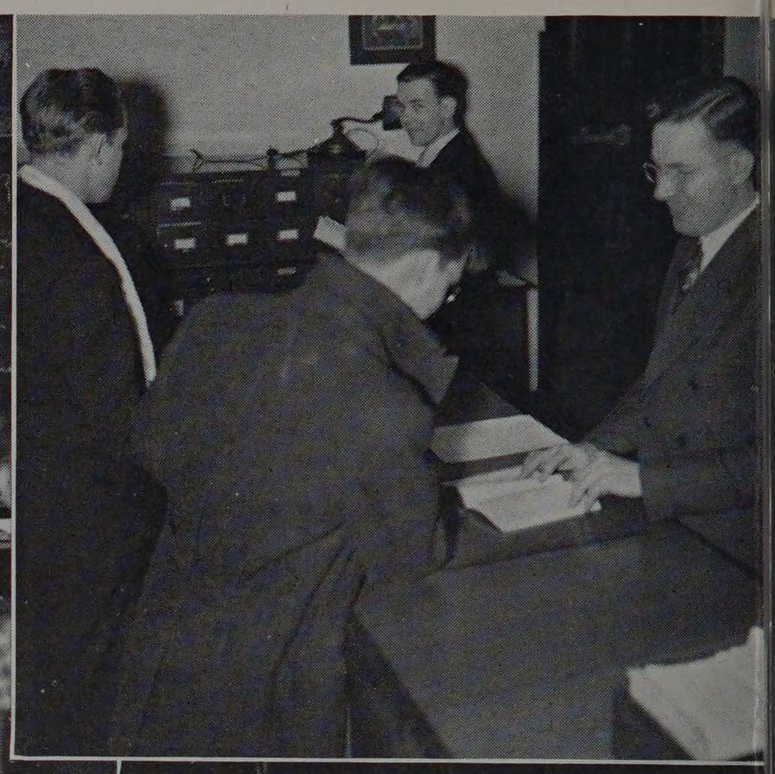
I am working.



"And so, gentlemen,"



"All for five grand!"





"It must've busted, get it?"



3 "smears."

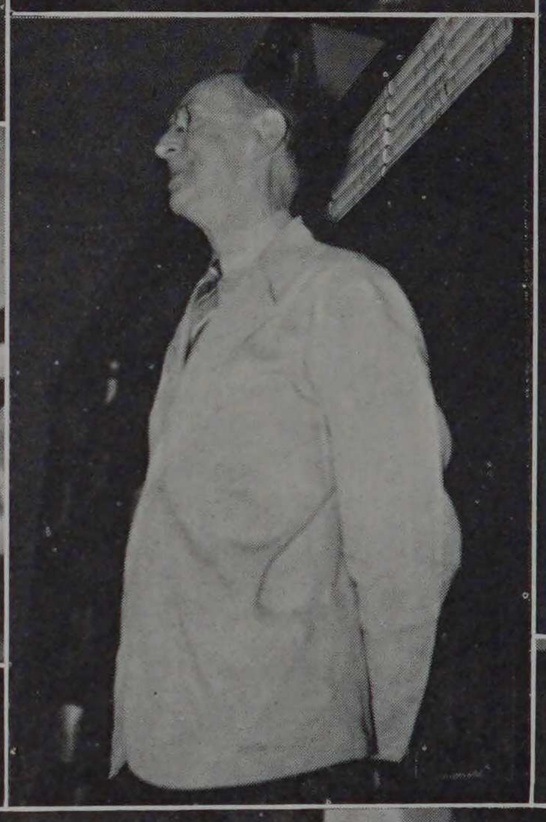


"Mr. Livingston, I presume?"

"Not until you pay your fine."



"Now, my good man,"





Our mammoth cheering section.



George promotes an "A."

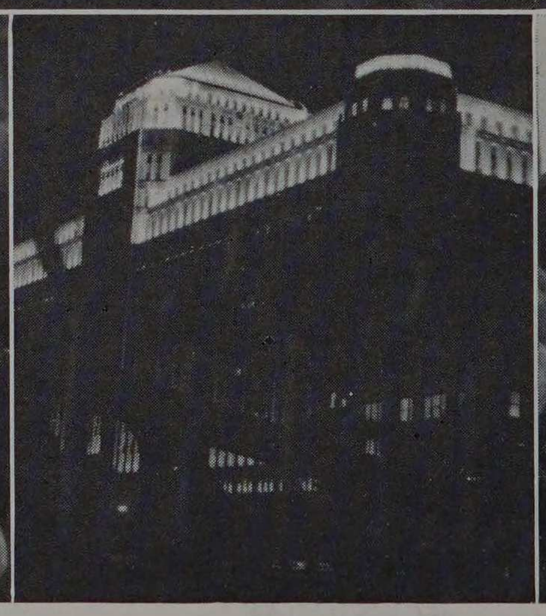


"Number, Ple-az?"

Income tax evaders



Armour in 1980?



Organizing a pony.



"Englewood over the bridge."

2 students, 1 Fire Protect.

Asleep at 2 A. M., up at 7, asleep at 8:25.

Armour Express—(All stops).

Sammy can tell you.

Oh, yea?

Machinery Hall.

Cute, isn't he?

Prof, lecturing.

Ditto.

Uncle Dan'l's car.

See page 244.

Union views.

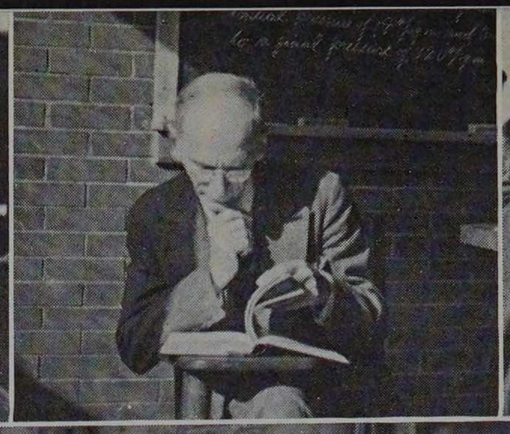
How'd he get in here?

Betcha they're counterfeit!

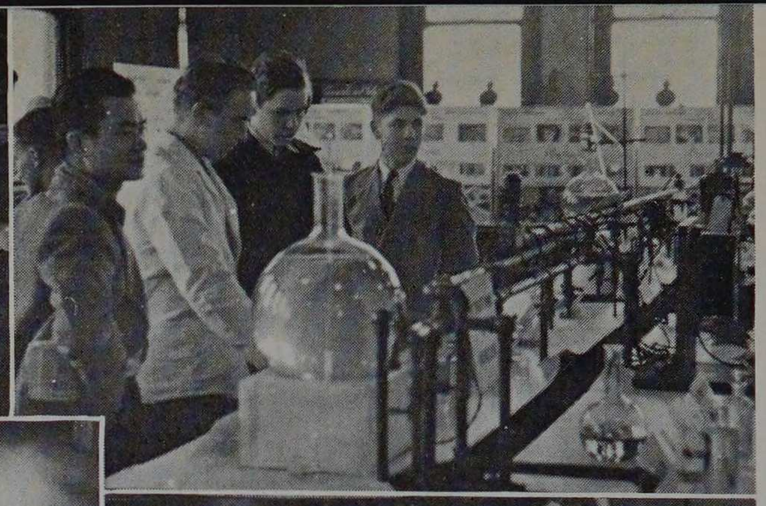
Guess it's a jail after all.



Barale "listens" to a lecture.



Prof. Nachman.



Organic Chem lab.





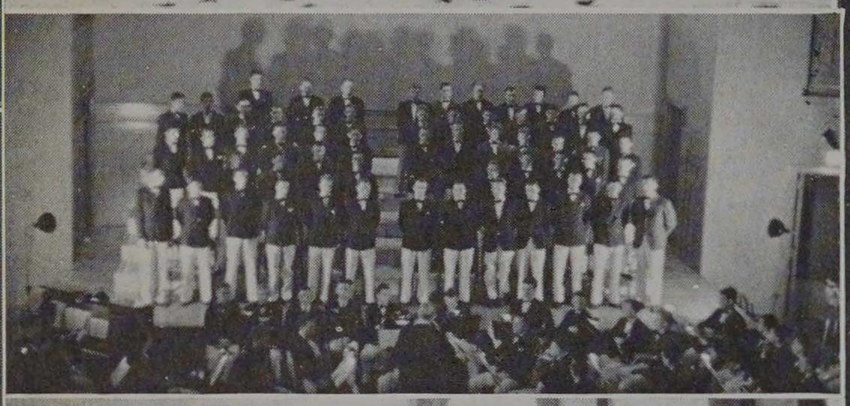
Senior Chems.



Learning the make-up art.



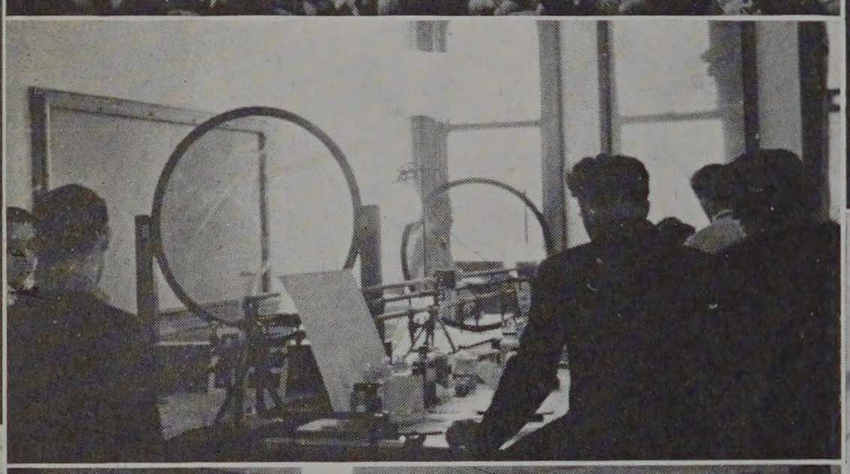
After a Libby lab.



The Glee Club renders.



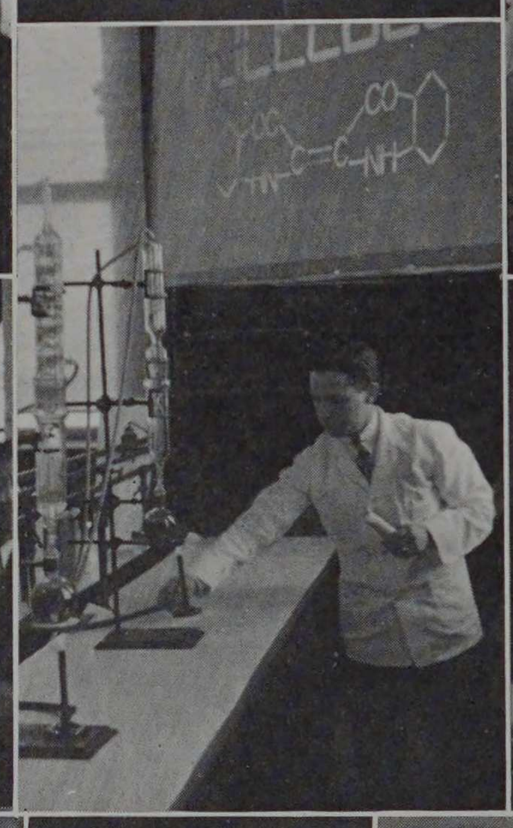
Soph physics lab.



Autumn squabbles begin.



Mysteries of polarized light solved.



Just rah-rah boys from Armour.



Open House chemistry.

Blue for boys, pink for girls, yellow for sodium.





Juice Prof in hysteresis.

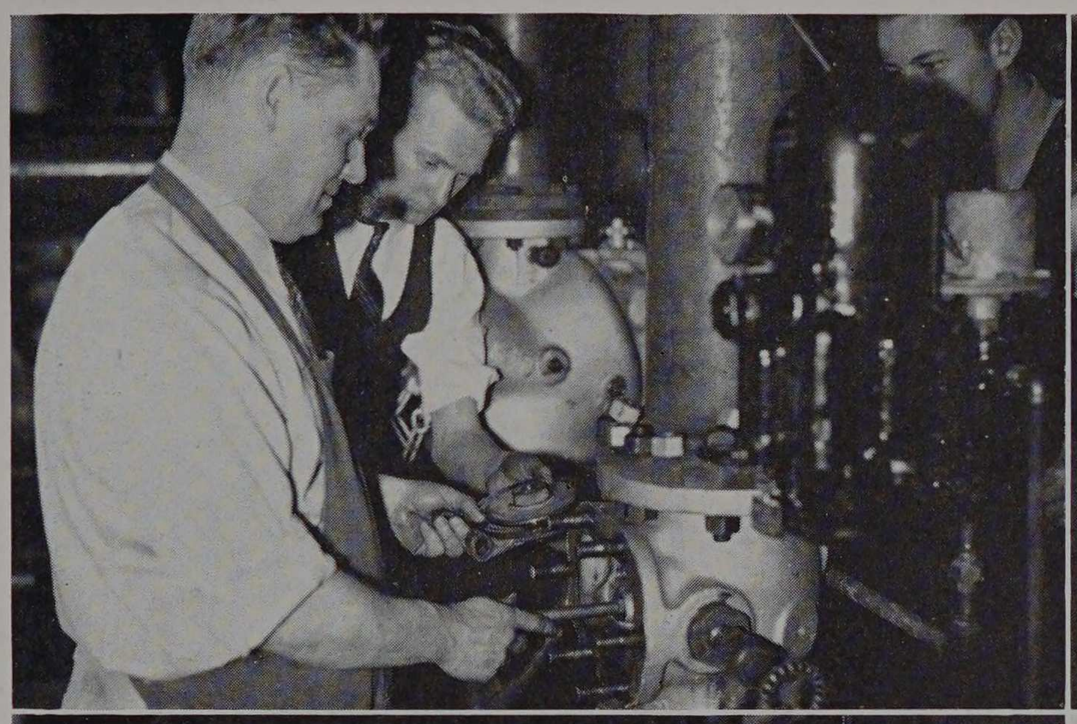




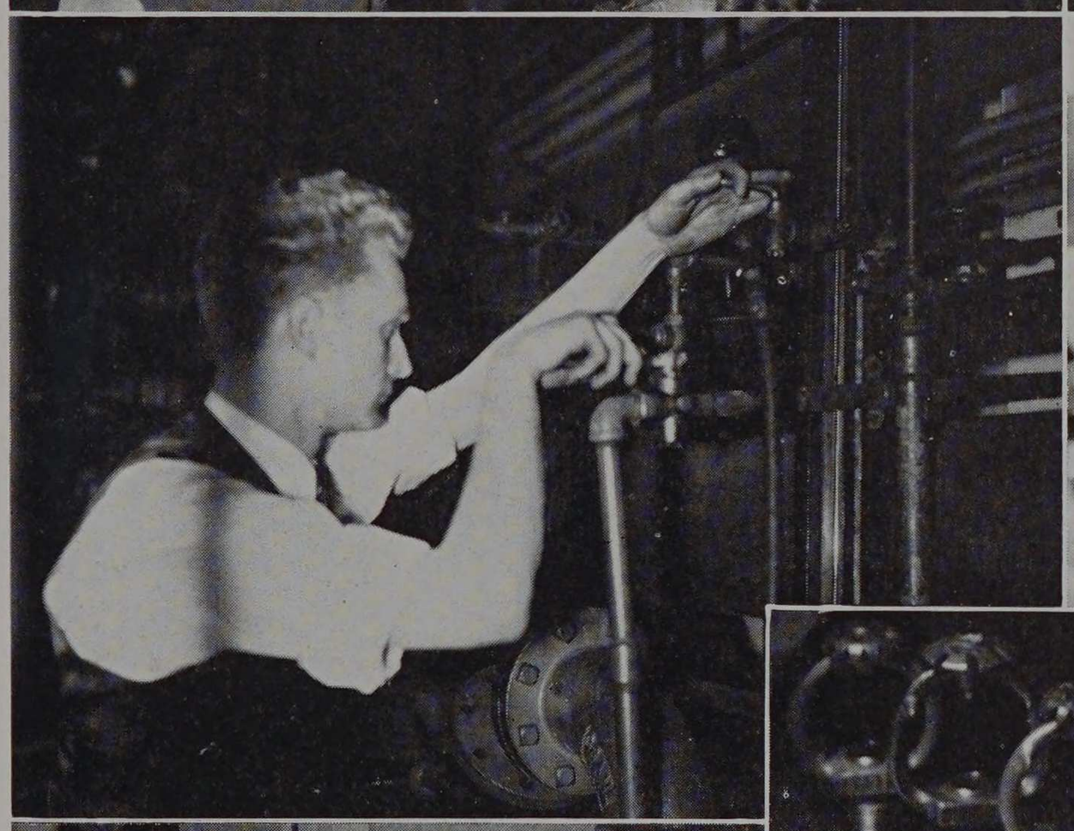
A course in logic.

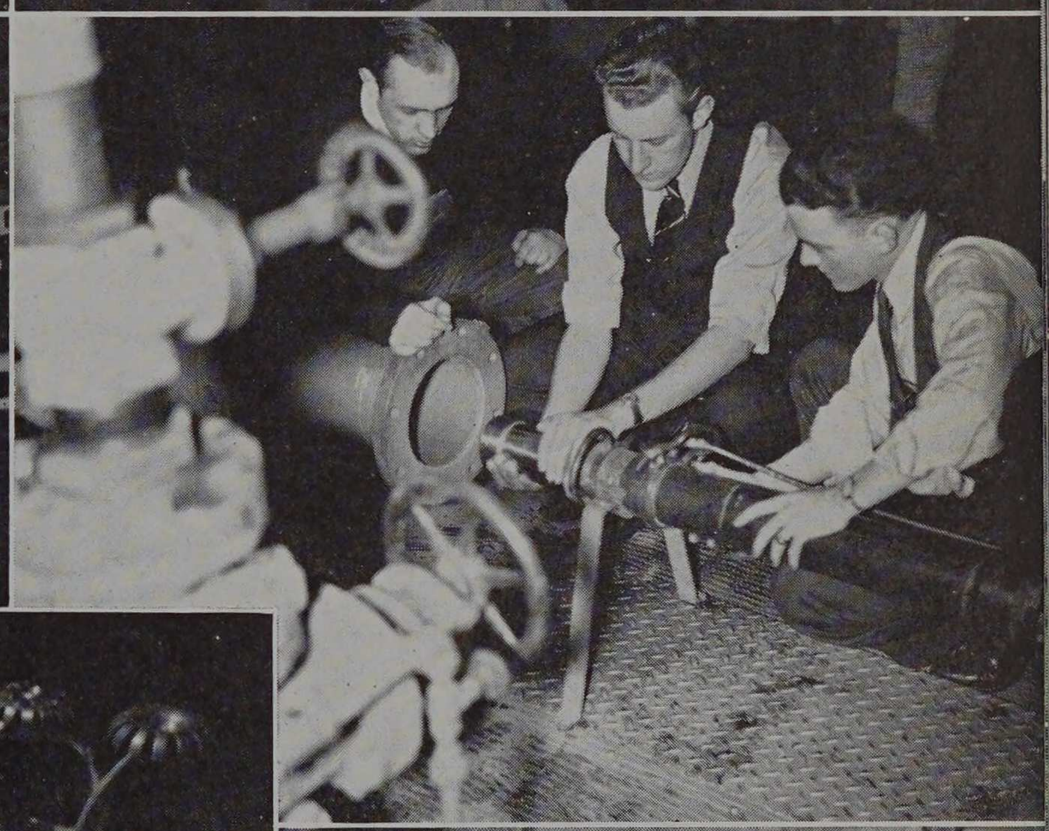
Meet Mrs. Prof.

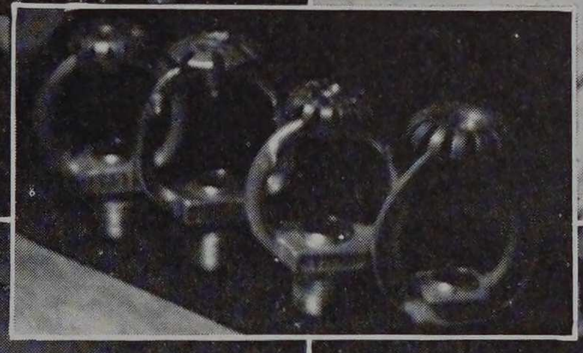
A DAY WITH THE FIRE PROTECTS AT UNDERWRITERS' LABORATORIES . . .

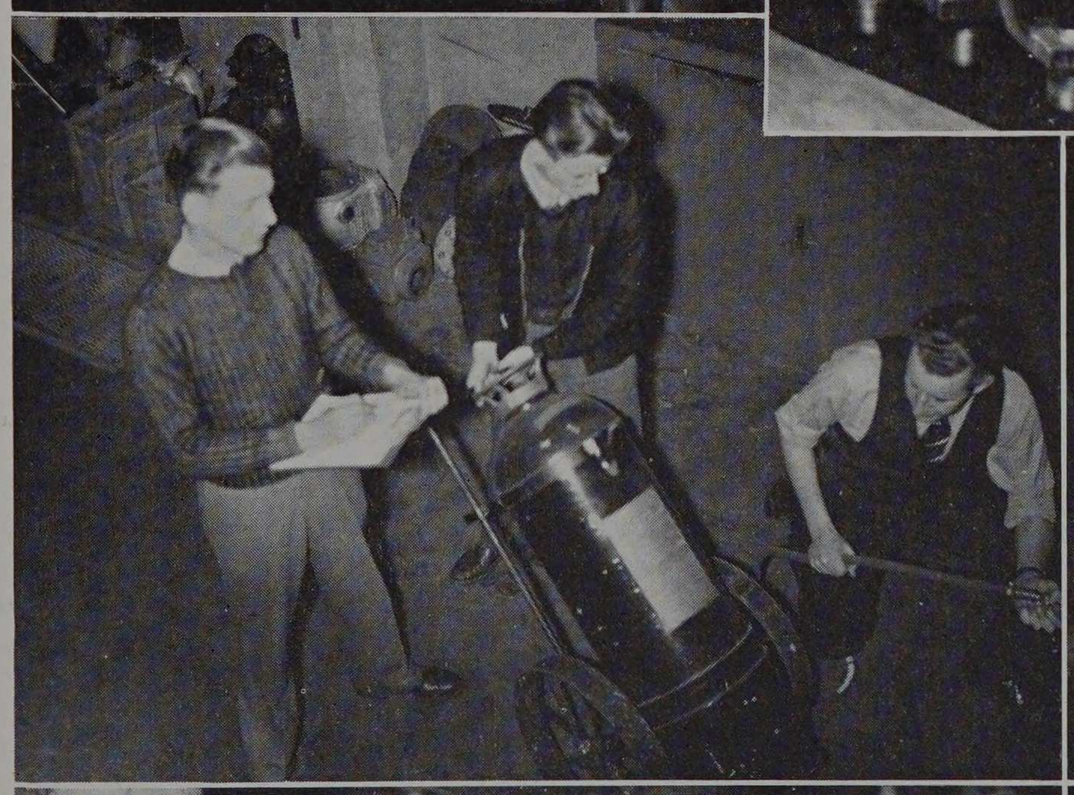


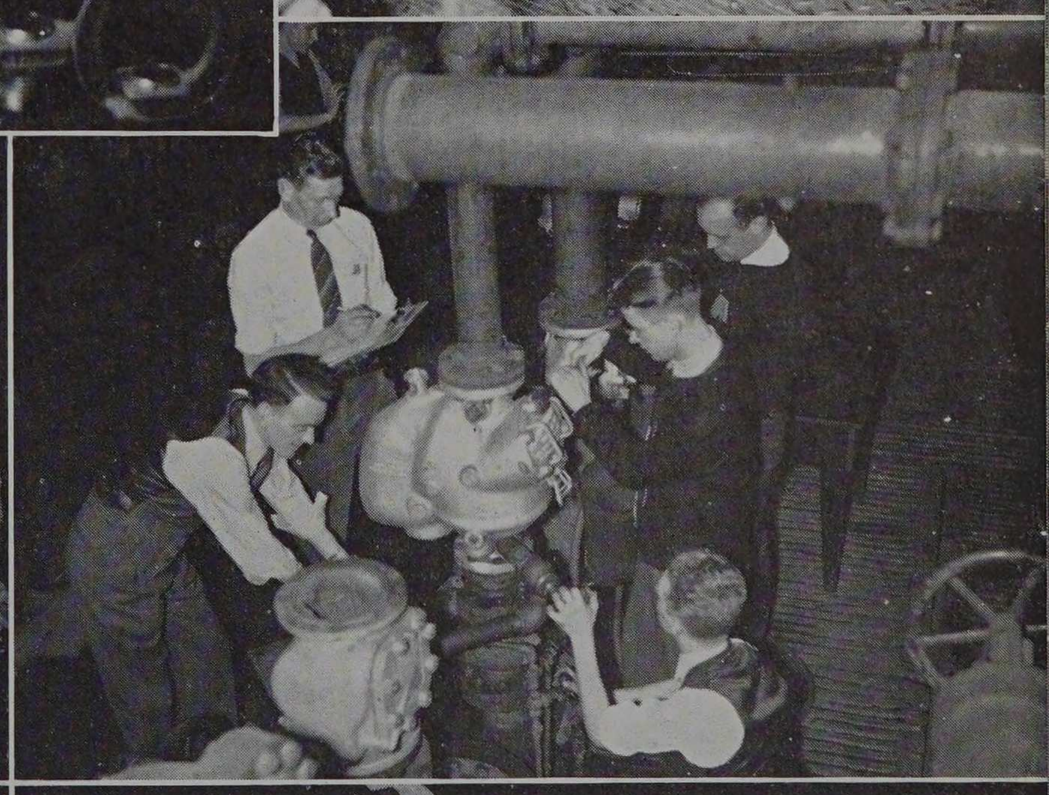


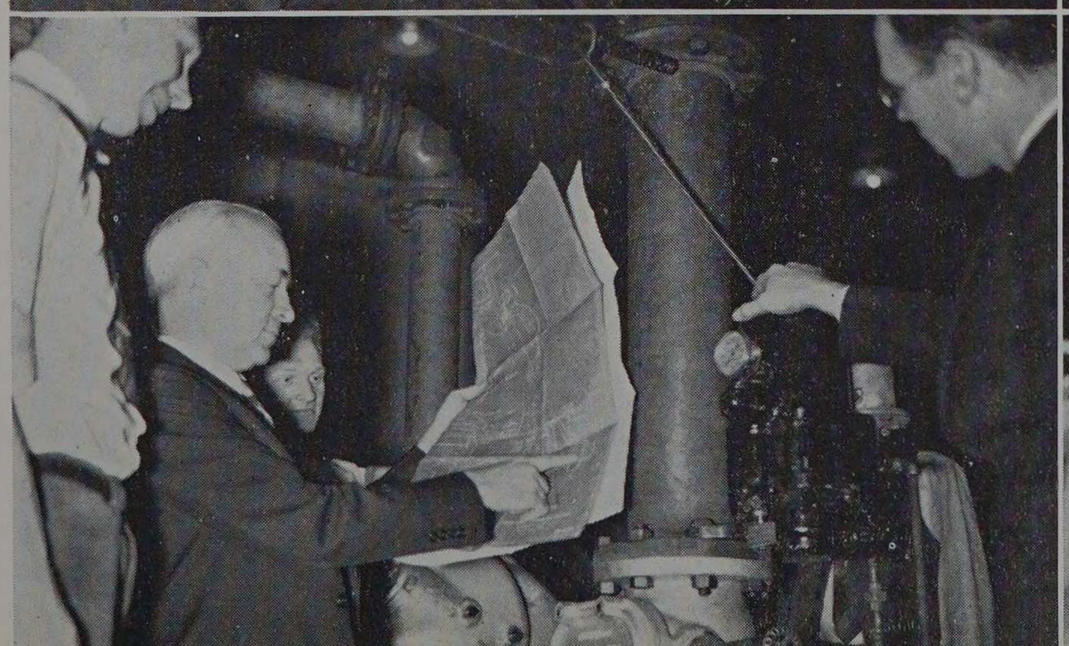


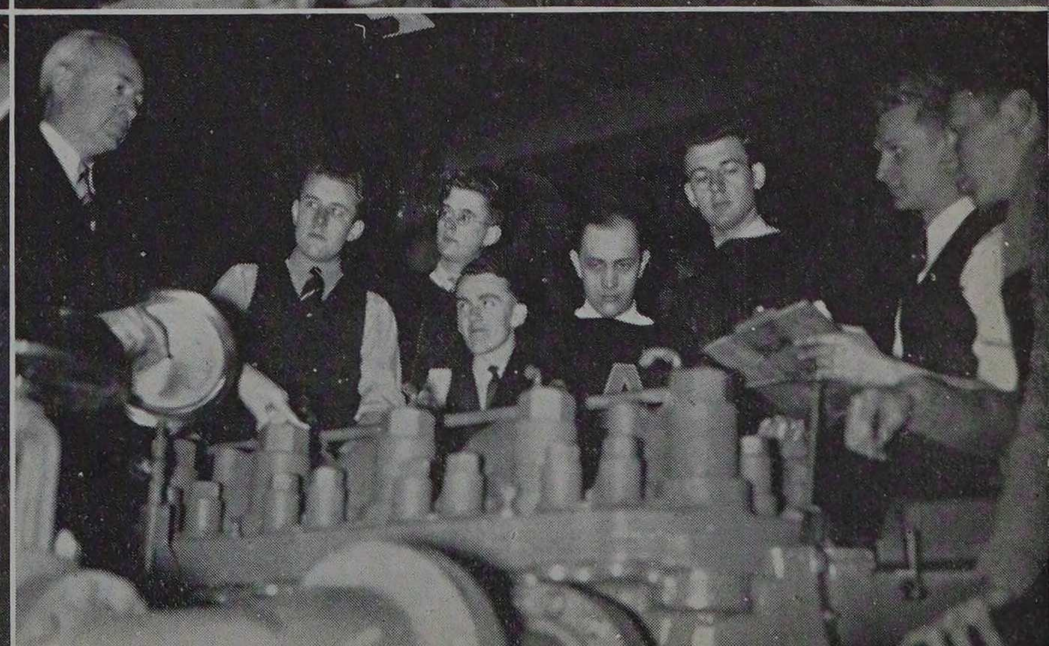




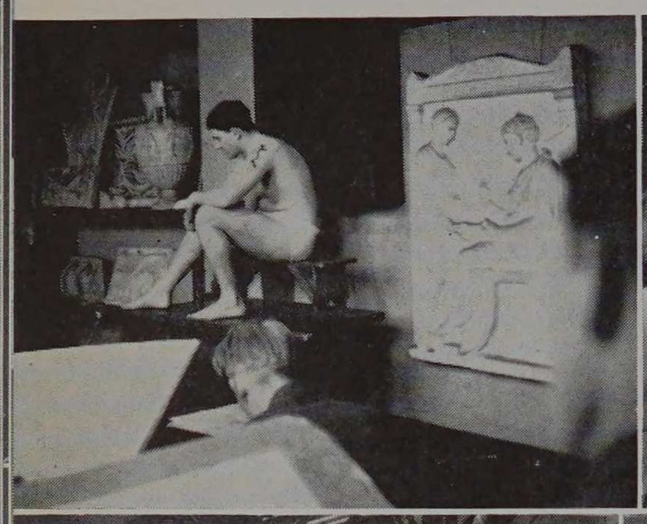








ARX ACTIVITIES, ART INSTITUTE . . .







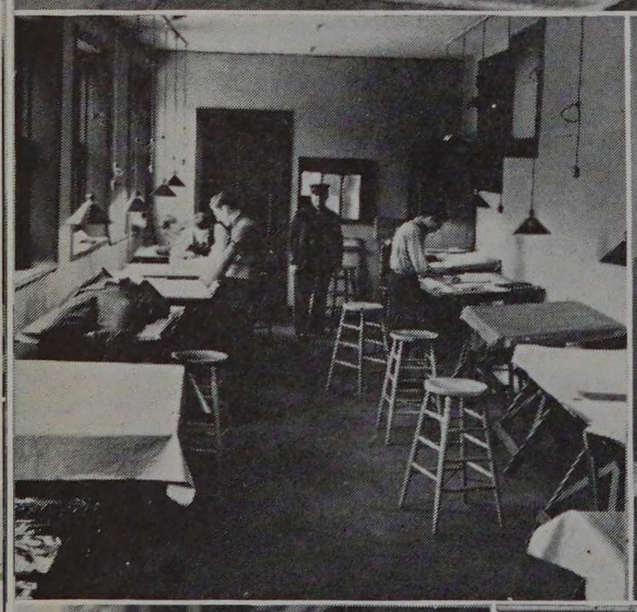








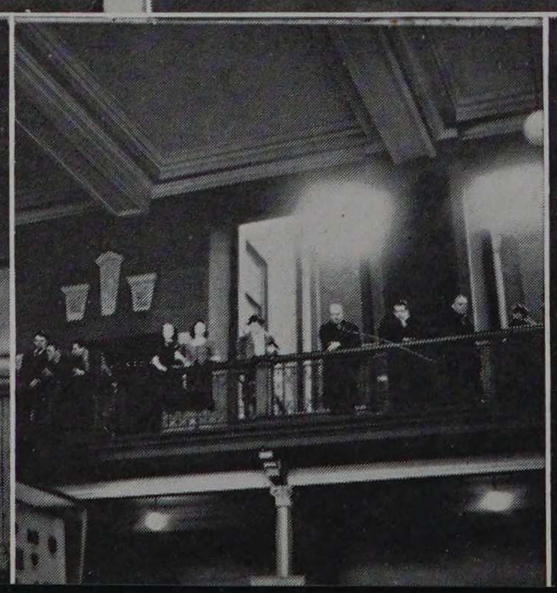




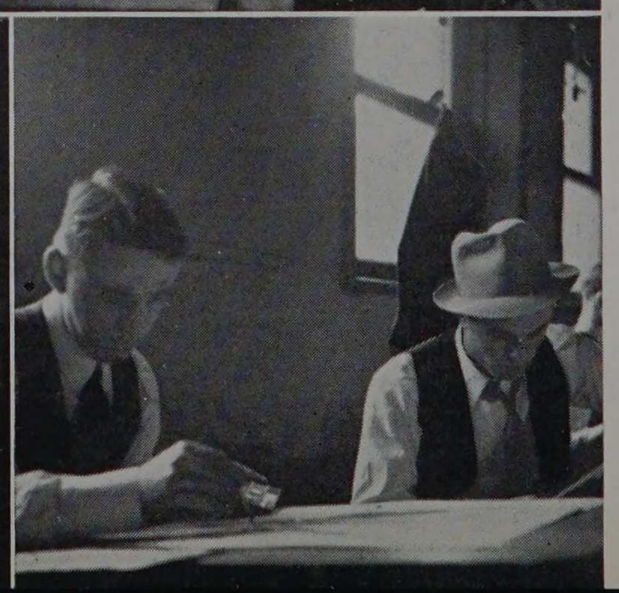




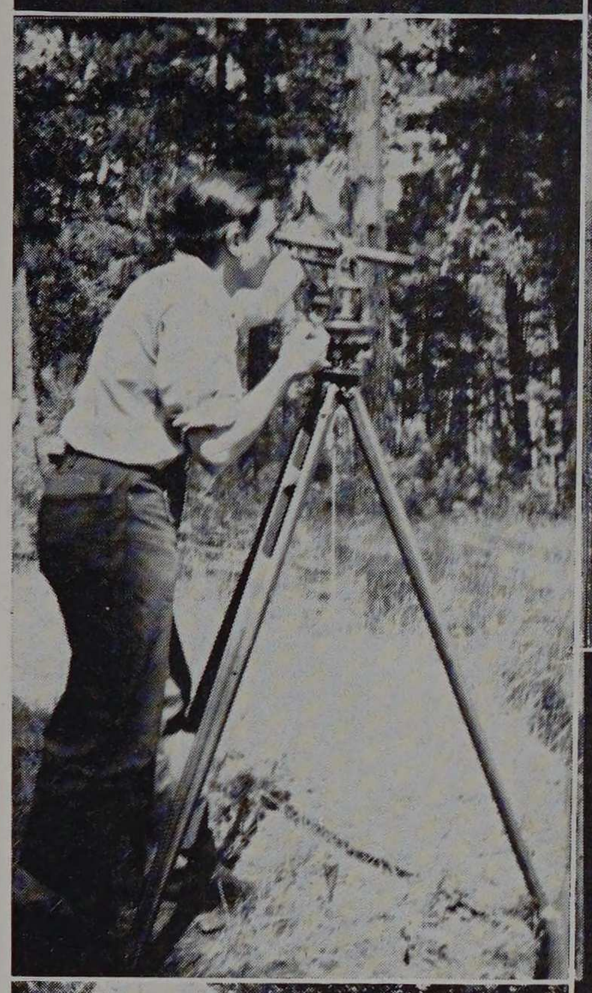


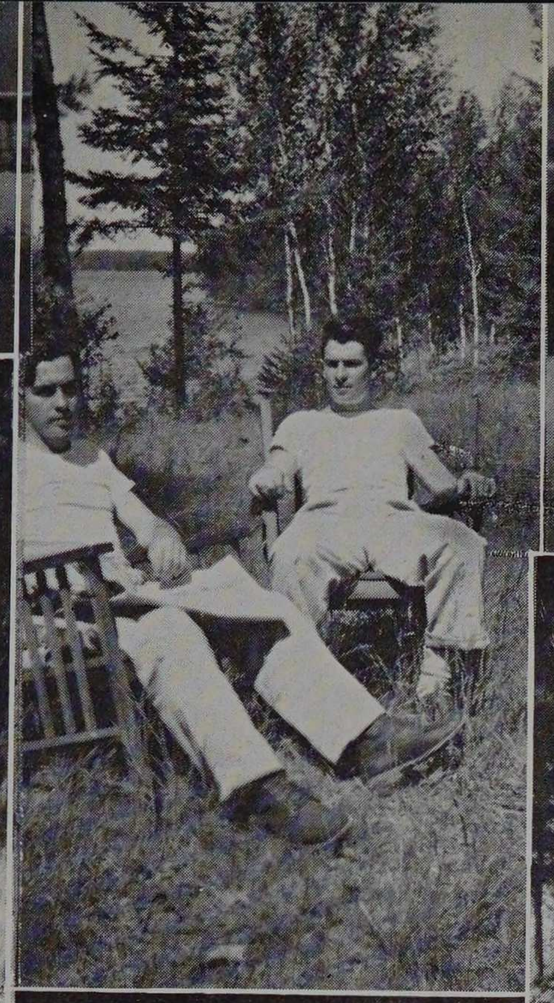




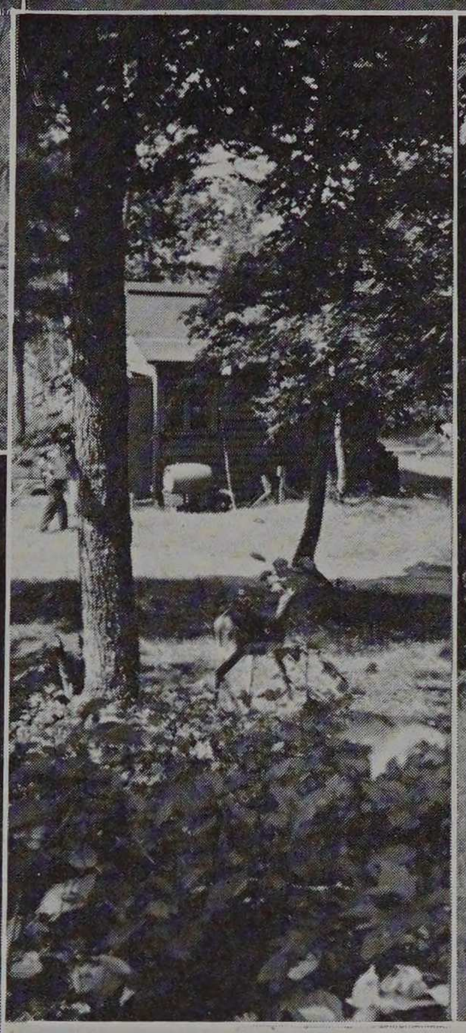














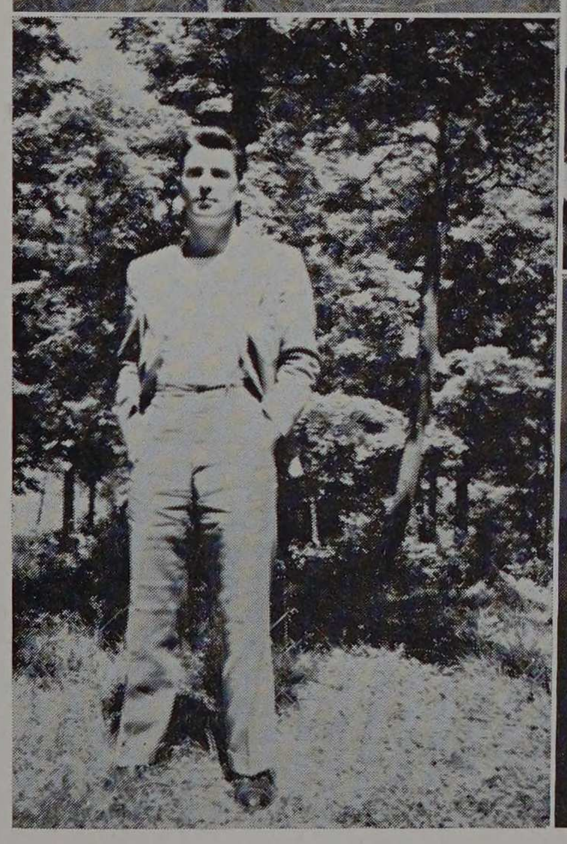


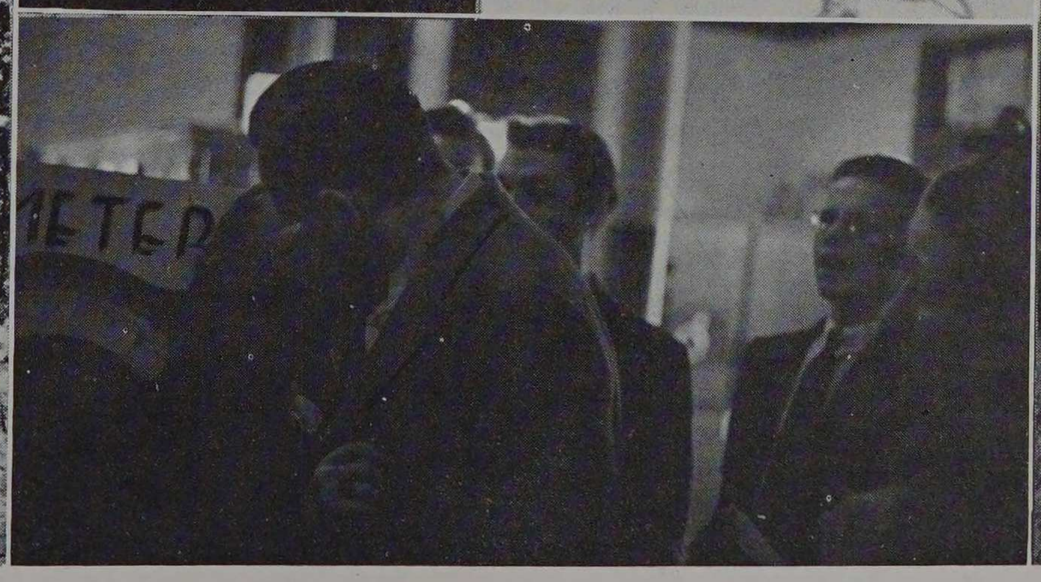


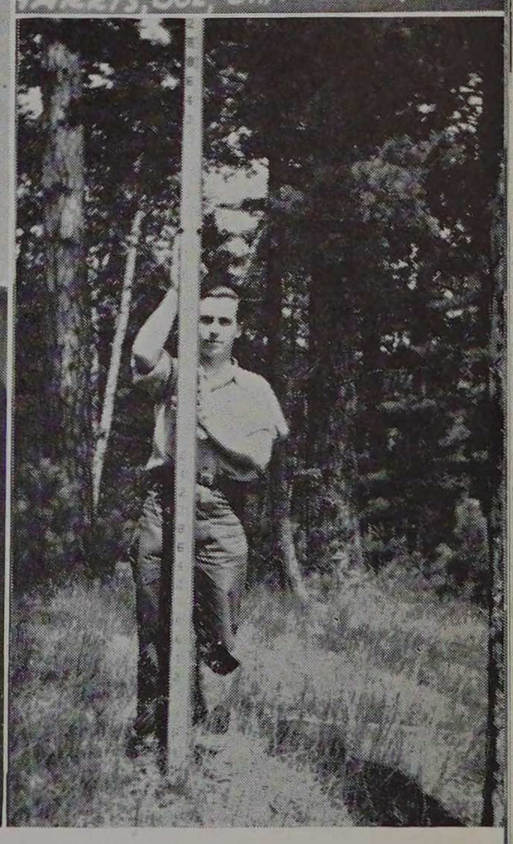












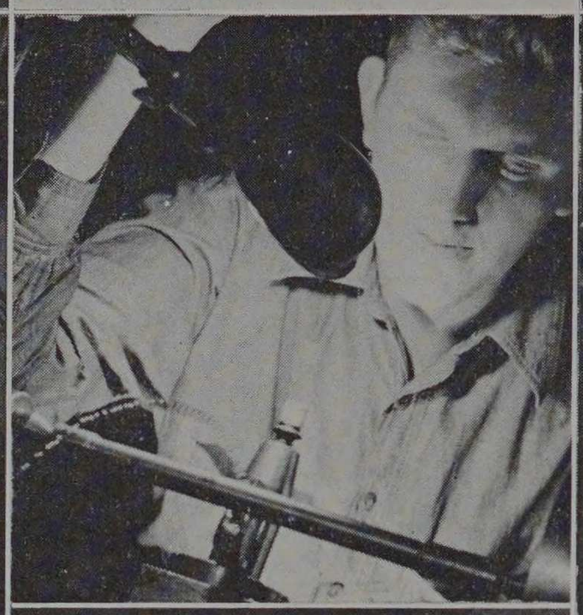
SUMMER, 1938, WITH THE CIVILS AND ELECTRICALS . . .





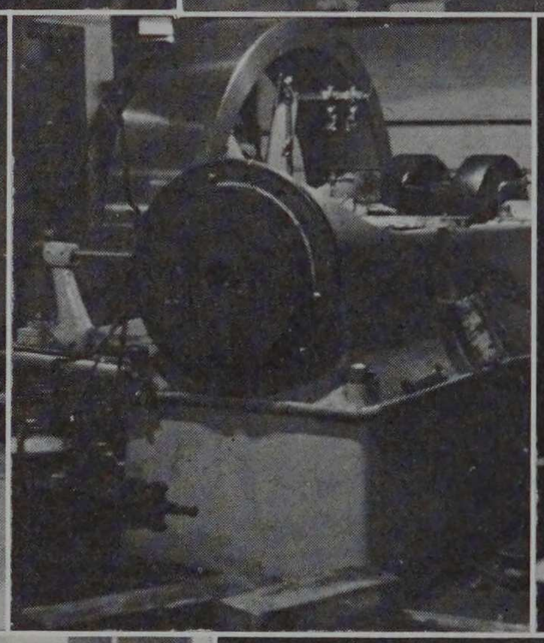




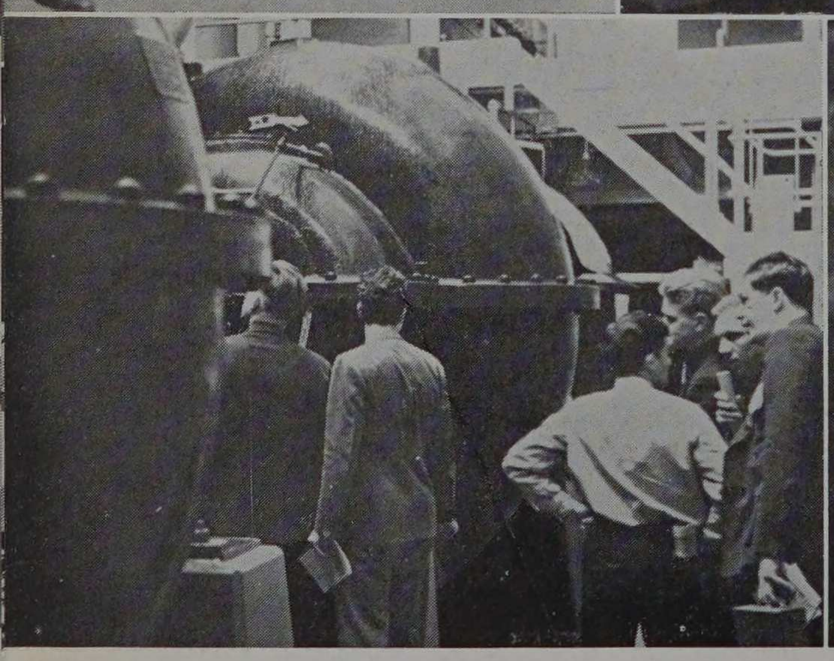




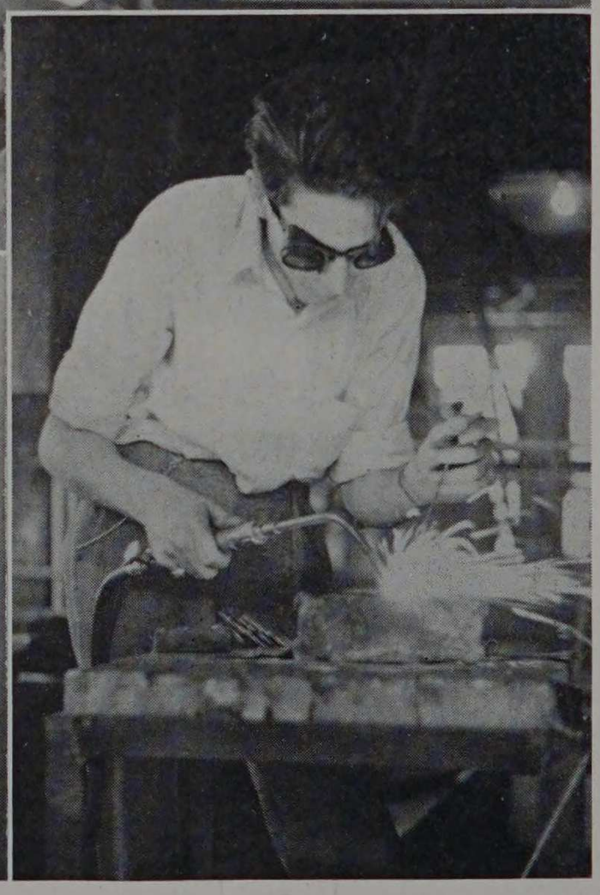












SCOUTING AROUND WITH THE MECHANICALS . . .

ILLINOIS INSTITUTE OF TECHNOLOGY
Office of Development

Catherine M. Carter
Associate Director
Alumni Relations

Mike – 11/28

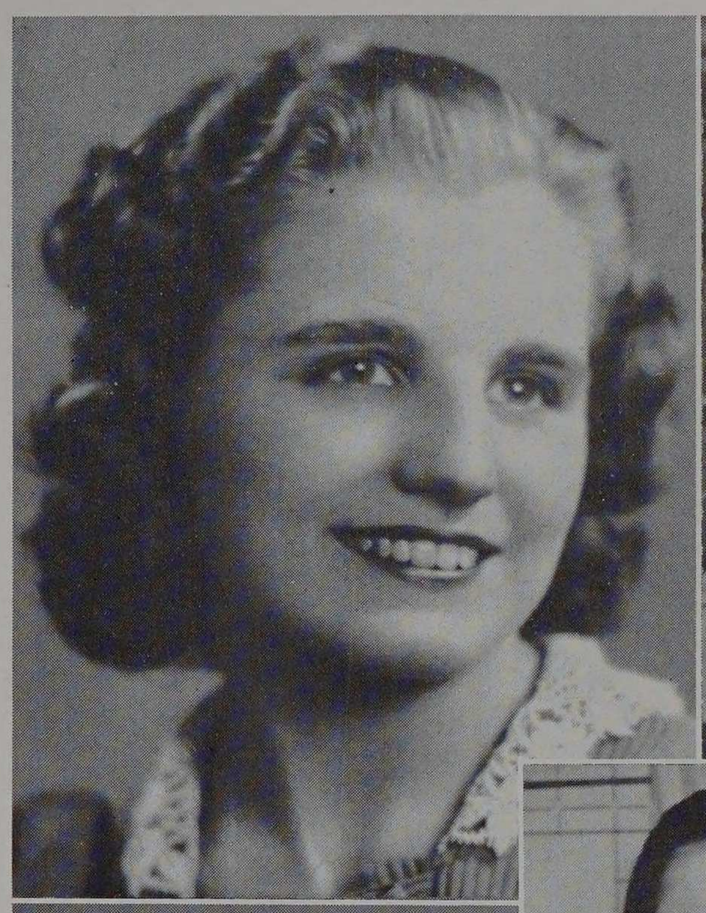
This is too funny!
I'll try to get more background info. for you. I wonder if their phone #'s are still good?

Thanks,
Catherine

10 West 35th Street Chicago, Il. 60616 (312) 567-3103

SWEETHEARTS OF '39

TAKE YOUR PICK (See Editor for phone numbers) . . .

















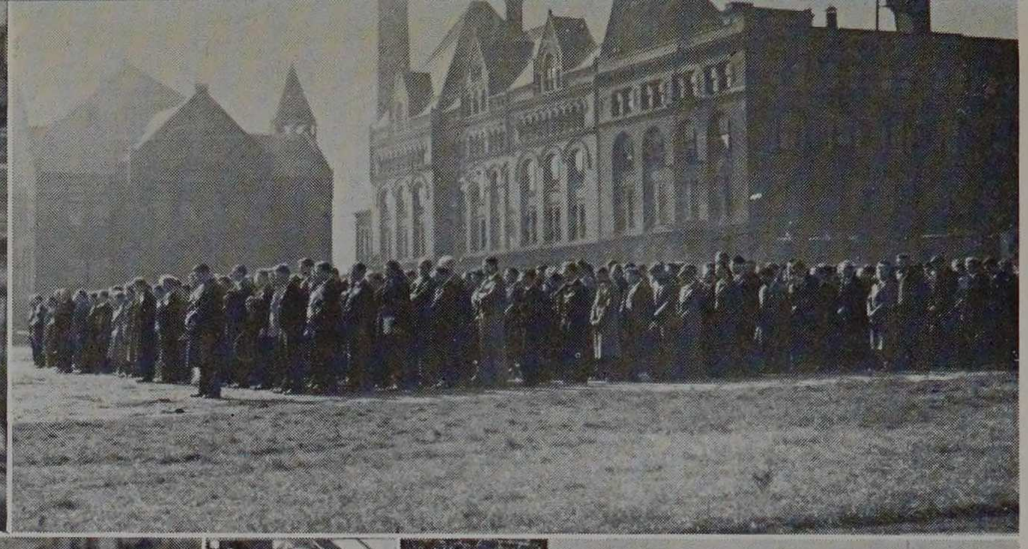




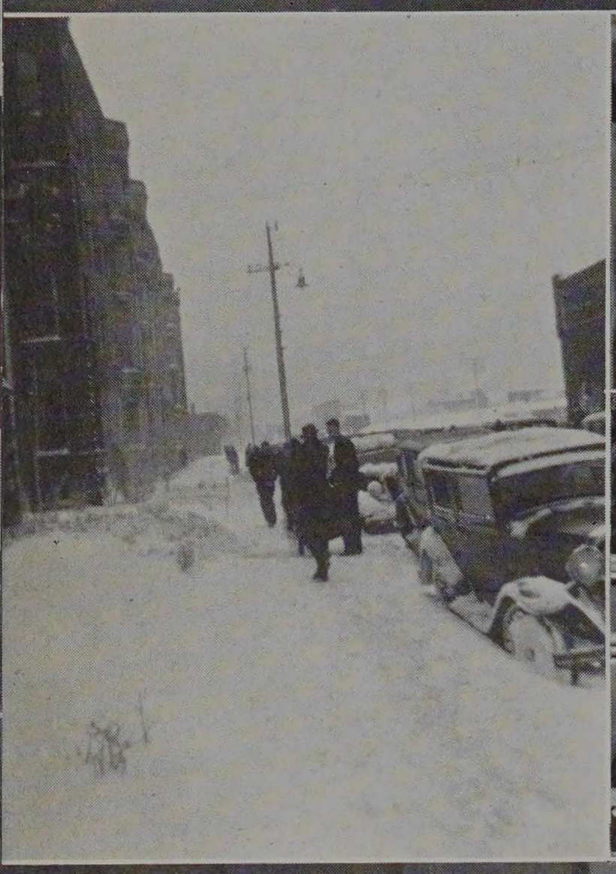








Armistice Day ceremonies.







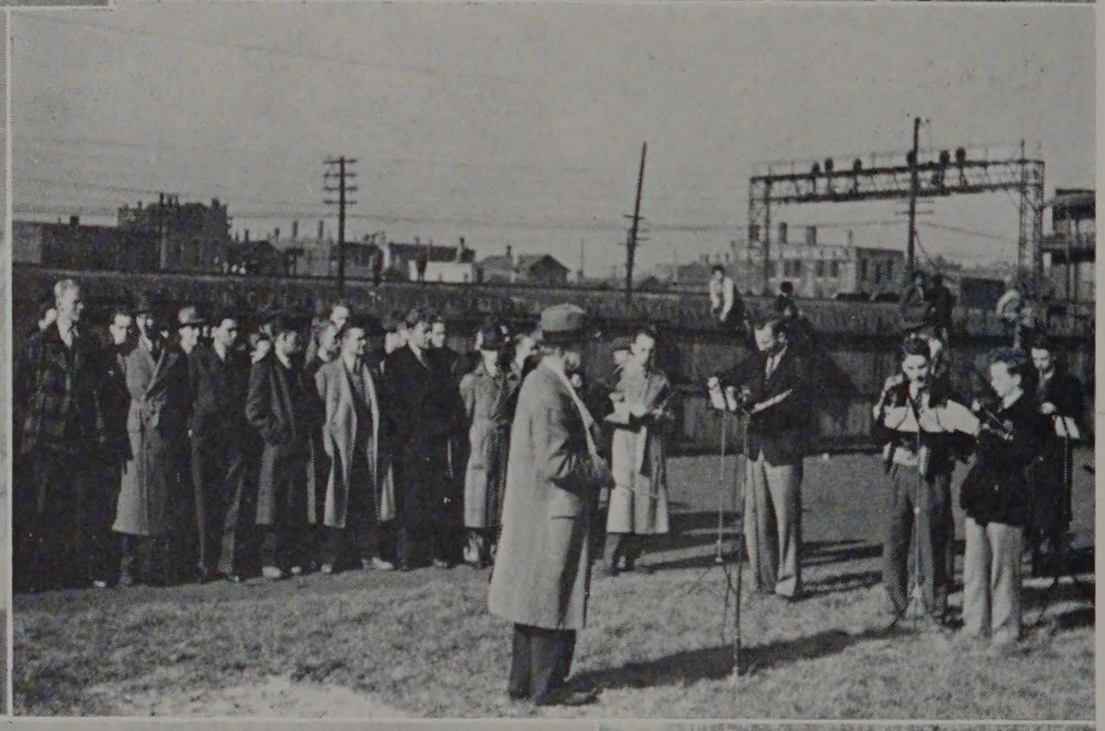






Campus shots.





Diabetes dispenser.

O. G. directs.

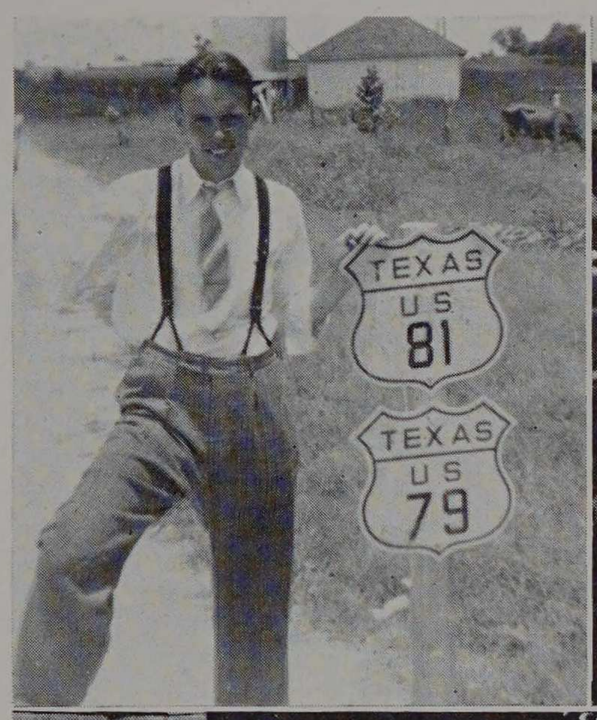




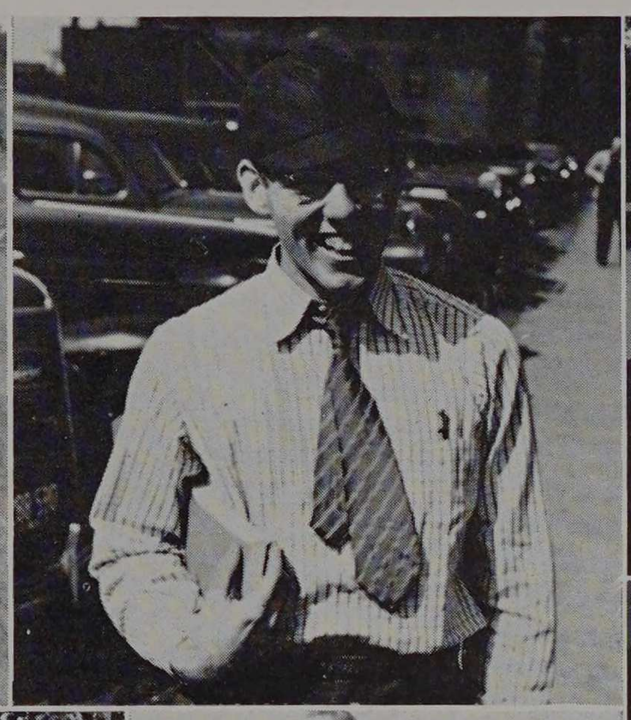
The business bench.

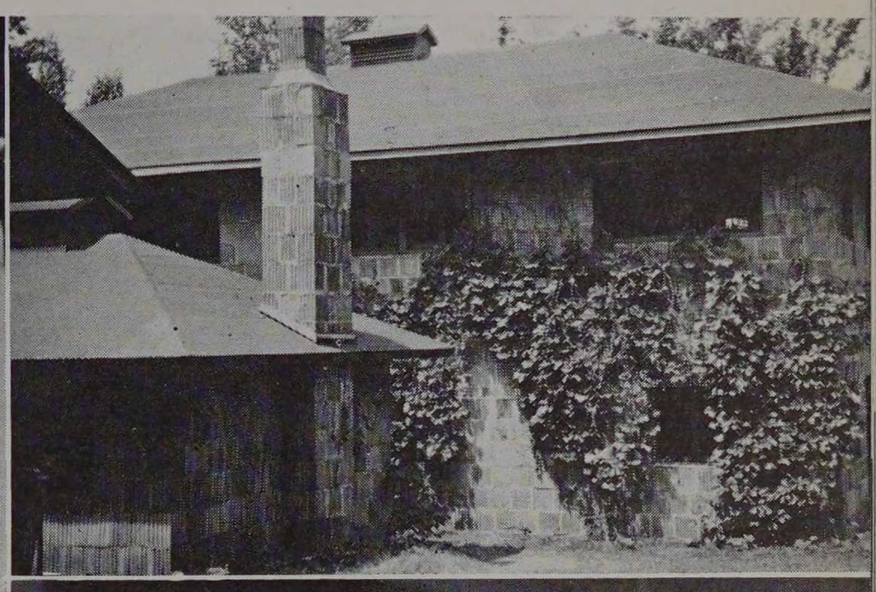
2 Democrats.

Traveling Techawk.



First day at collidge.





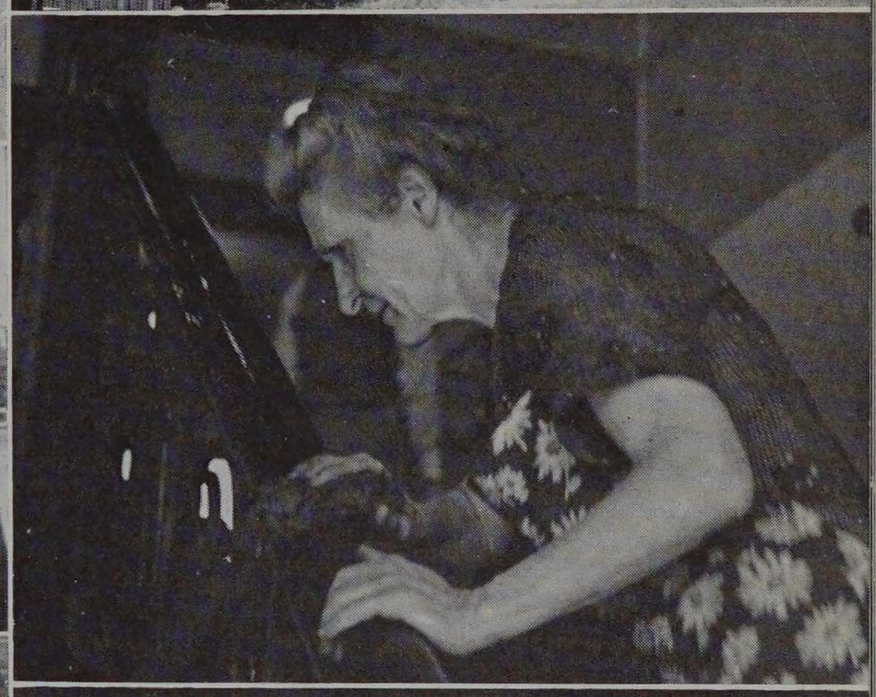
At Camp Armour.



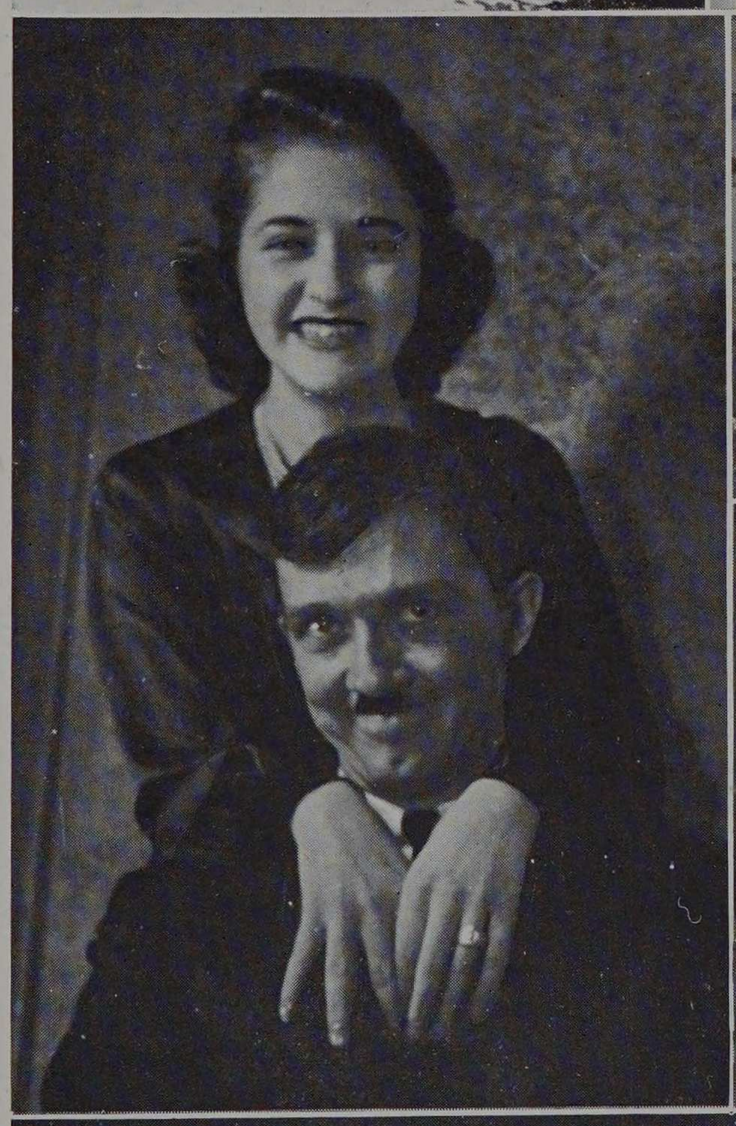
Adding vitamin "D" to the solution.



Study in blueberry schmier.



She keeps Main shiny.



Der foorhoor and Leni?





Doc Thompson.

"Now blow off ten pounds of steam."



Prof. Lease in charge.

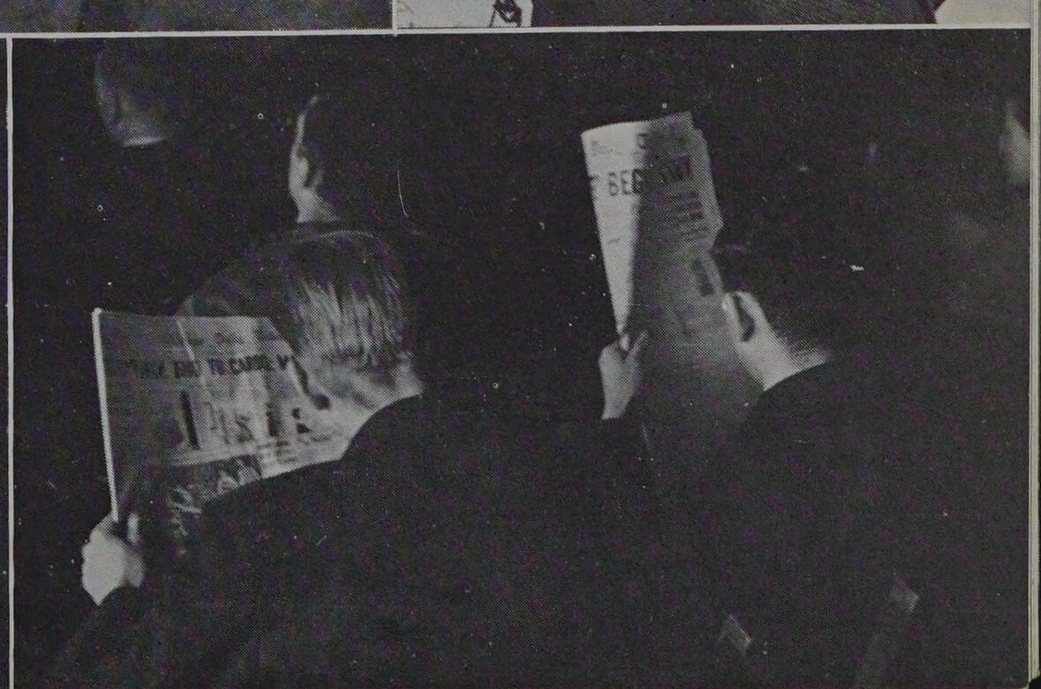


Pidgeons' paradise.



W.e P.utter A.round

Interesting (?) Lecture.





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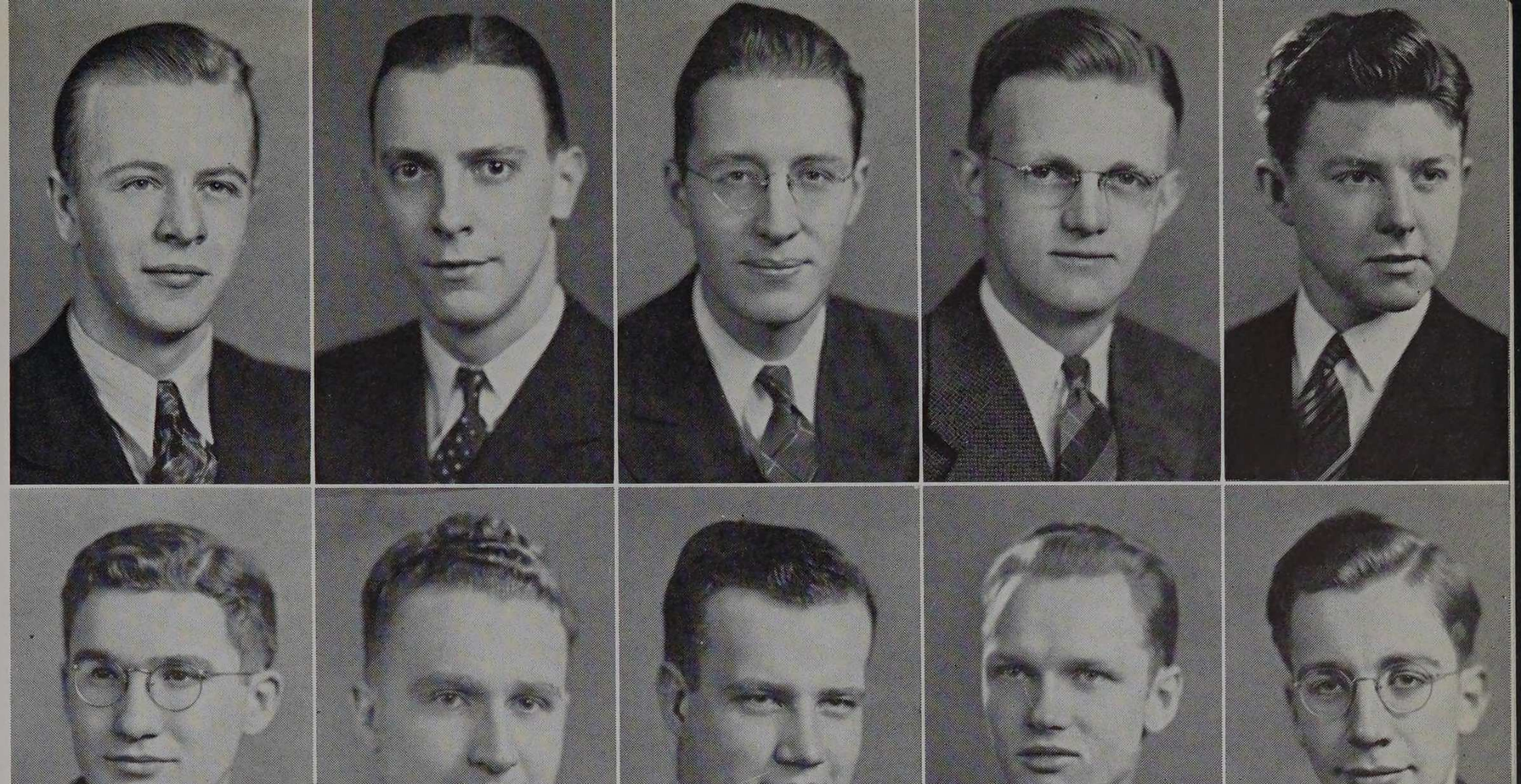
William M. Simpson
Jarl T. Sorenson
Sholto M. Spears
Melville B. Wells
Otto Zmeskal

Anthon
Boertitz
Coyle
Henriksen
Keane
Jaffee
Janicek
Loutzenheiser
Lyckberg
Peltier
Rice
Richardson
Yeakle
Zarem





The oldest honor organization on the campus, the Illinois Beta Chapter of Tau Beta Pi received its charter from the Tau Beta Pi Association in 1906. The chapter established at Armour became the fourteenth chapter of the National Organization, which now has over sixty-nine active branches. The first chapter 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." Since the fraternity was founded, membership has been conferred on some thirty thousand student and graduate engineers. Following the policies of Tau Beta Pi Association, Illinois Beta Chapter has been actively engaged in promoting and in aiding student engineering affairs and activities since it was chartered over thirty years ago. In addition to the student affairs and activities which interest the chapter, it spends considerable time in following the activities of graduate engineers striving to promote the cause of engineering.

OFFICERS

President . . . . . Russell Kotal Secretary-Treasurer Stephen P. Finnegan

1907



SPHINX

ACTIVE MEMBERS

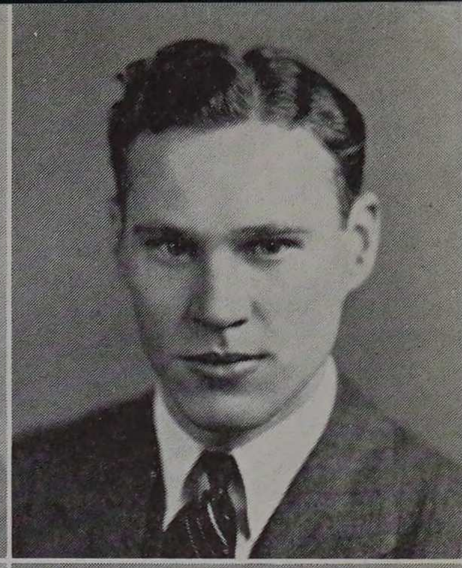
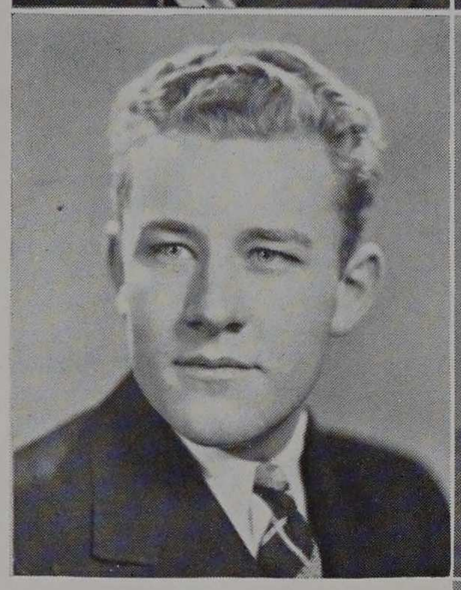
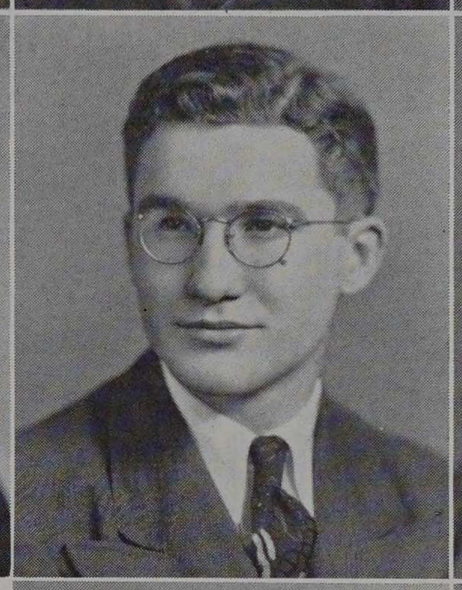
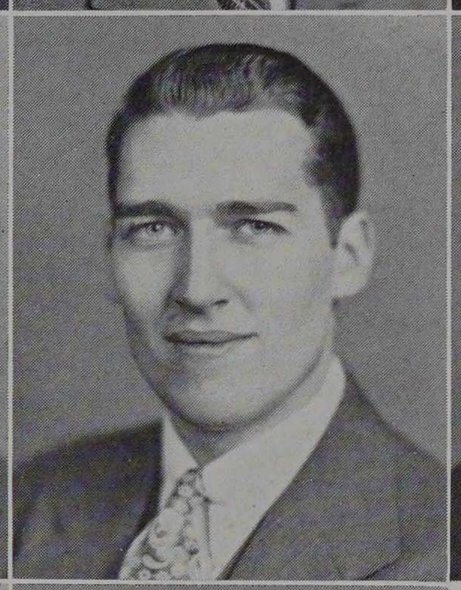
Bernard W. Bernstrom
Thomas A. Clark
Howard R. Coyle, Jr.
Max Ephraim
Stephen P. Finnegan
Robert I. Jaffee
Russell Kotal
D. W. Jacobson
Carl W. Reh
Thomas W. Yeakle, Jr.
A. Mordecai Zarem

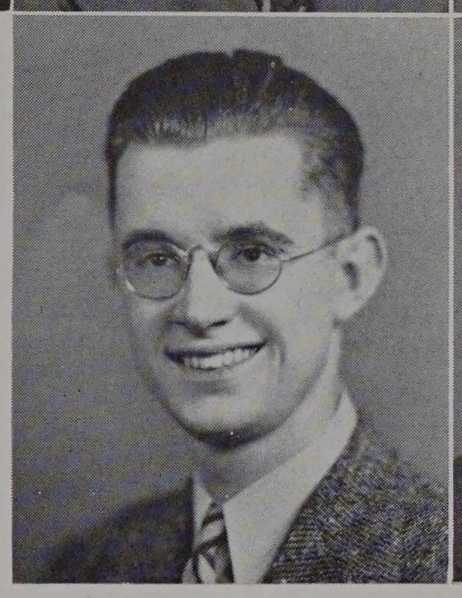
FACULTY MEMBERS

Carl G. Anderson
William M. Colvert
Joseph B. Finnegan
William Hendricks
John F. Mangold
Jarl T. Sorenson
Chas. E. Paul
James C. Peebles
William B. Ahern

Bernstrom
Coyle
Ephraim
Finnegan
Jacobson
Jaffee
Kotal
Reh
Yeakle
Zarem






Sphinx, honor literary society, was the first honorary society to be founded at Armour Institute. This organization was established in March, 1907, and it became the second honorary fraternity of the school. Previous to its formation, executive officers of the FULCHRUM, a pamphlet published monthly by Armour students, and the INTEGRAL, the college annual, united to coordinate the operations of the Armour publications. Members of this coordinating committee, seeking to foster and to promote publication work at the Institute and to honor those students who had rendered meritorious service to the Institute through literary accomplishments, ultimately founded Sphinx.

In 1909 the fraternity was successful in its efforts to found the ARMOUR ENGINEER. In February of 1929, Sphinx encouraged the establishment of a student newspaper. It strengthened this proposal with a guarantee of forty-five dollars which was intended to cover the cost of the first issue of the paper. It was this assurance of assistance that helped to establish the ARMOUR TECH NEWS.

OFFICERS

President	Reginald I. Bush	Recording Secretary .	A. Mordecai Zarem
Vice-President . . .	James D. Hebson	Treasurer . . .	Edward K. Osterberg
Corresponding Secretary .	L. Ray Kasper	Bridge Correspondent .	A. Mordecai Zarem

1904

ETA KAPPA NU

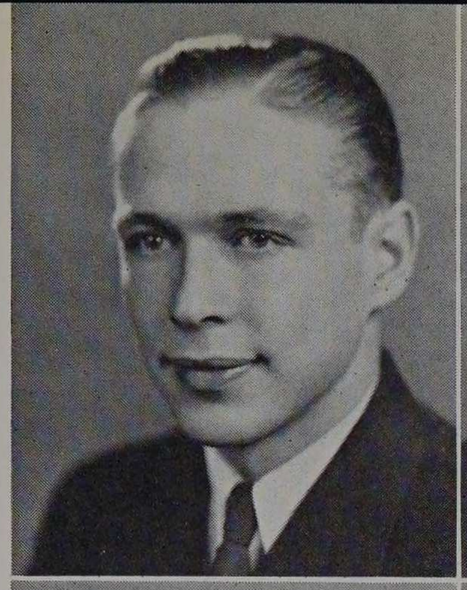
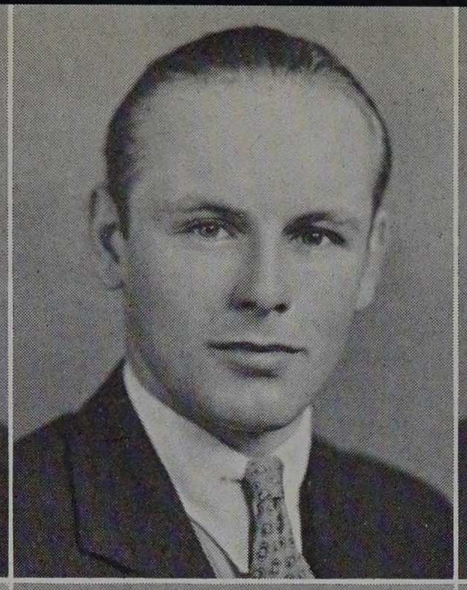
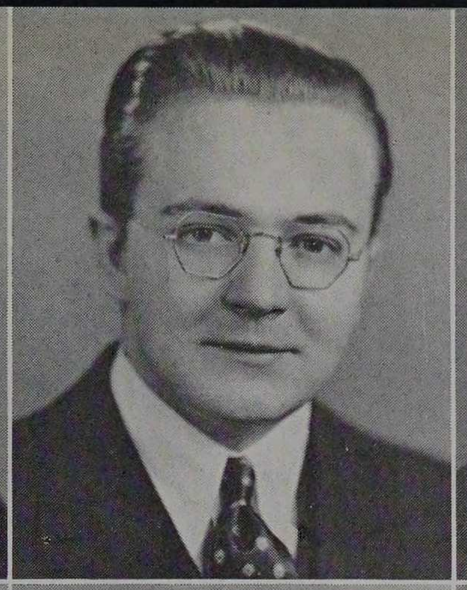
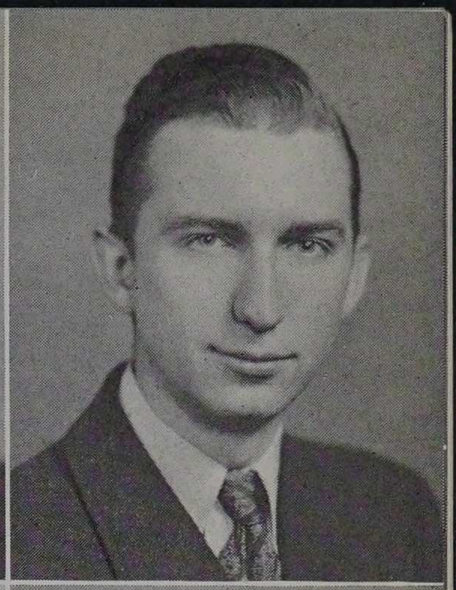
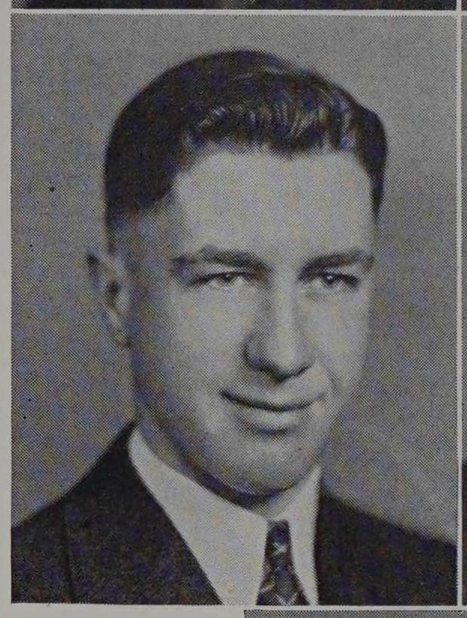
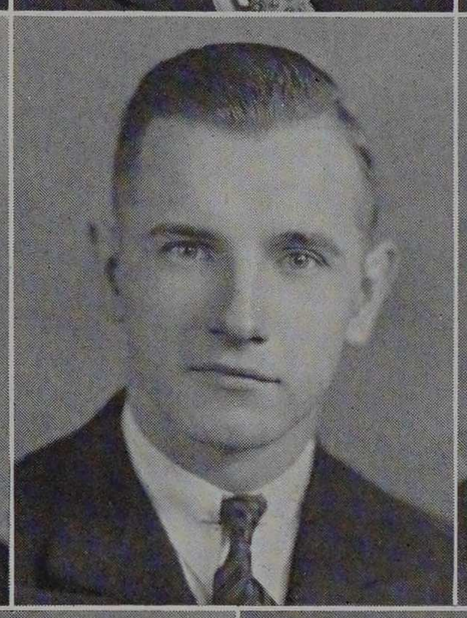
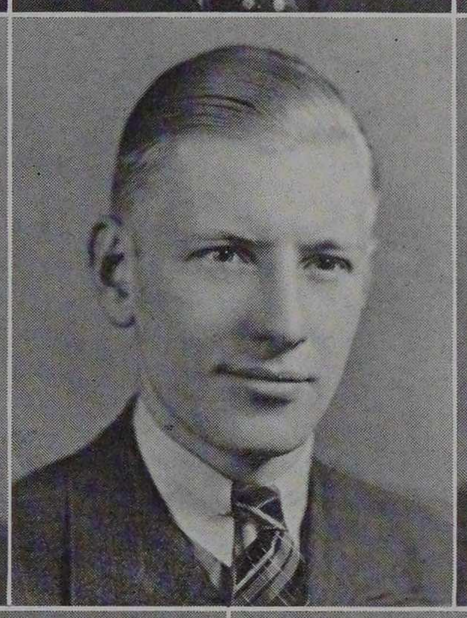
ACTIVE MEMBERS

L. Gerald Anderson	John W. Hartman	J. Dan Shaver
Reginald I. Bush	James D. Hebson	Lawrence C. Strocchia
Ed. A. Chevalley	Edward F. Marik	Vernon E. S. Terp
L. Ray Kasper	Edward K. Osterberg	A. Mordecai Zarem

FACULTY MEMBERS

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

Anderson
Bush
Chevalley
Hartman
Hebson
Marik
Osterberg
Shaver
Strochia
Terp
Zarem





"In order that those men in the profession of Electrical Engineering, who, by their attainments in the college or in practice, have manifested a deep interest and marked ability in their chosen life work, may be brought into closer union whereby mutual benefit may be derived," ETA KAPPA NU, honor electrical fraternity, was established. The fraternity was organized in 1903 by ten student members of the department of electrical engineering at the University of Illinois. These students realized that grouping professional men and students was necessary if a profession was to expand completely.

Realizing that affiliation with this fraternity offered many advantages, a group of students of the Armour electrical engineering department petitioned for membership in ETA KAPPA NU. On May 24, 1909, Delta Chapter of Armour Institute was chartered by ETA KAPPA NU fraternity. This chapter became the fourth branch of the fraternity. At present there are twenty-eight student chapters engaged in promoting engineering activities. These chapters are assisted by eleven alumni groups that give close attention to electrical engineering activities in the field.

OFFICERS

President . . . Ambrose M. Richardson
Vice-President . . . George A. Scott
Secretary . . . . George E. Danforth
Treasurer . . . . . John Rea, Jr.
Sergeant-at-Arms . . William A. Wagner

1909



SCARAB

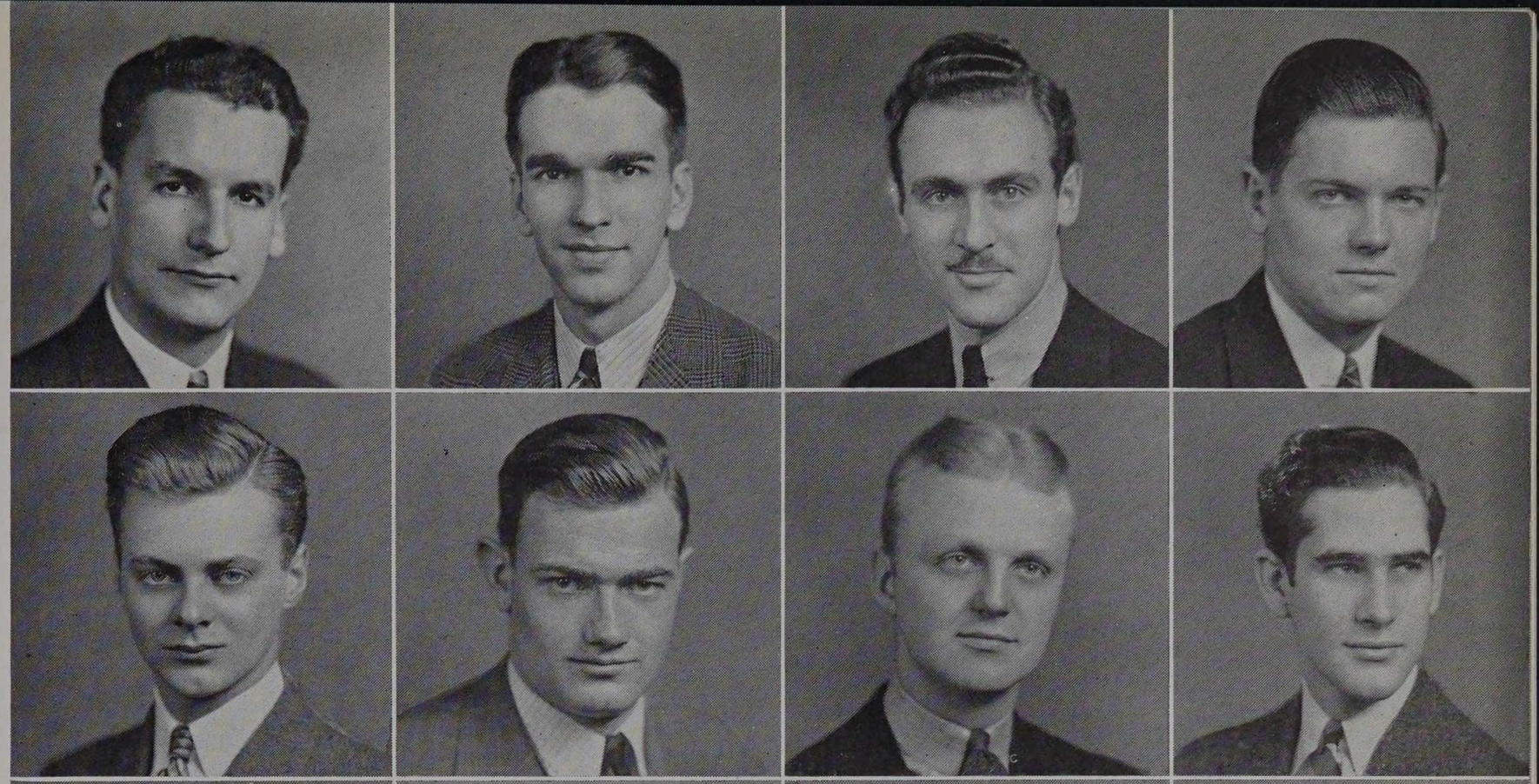
ACTIVE MEMBERS

Robert A. Bradt
John Rea, Jr.
George E. Danforth
John J. Fox
George E. Dieckel
John C. Lindahl
George A. Scott
William D. Horton
Clifford H. Mahn
Ernest M. Mandel
Ambrose M. Richardson
William A. Wagner
William C. Hutton
Fred H. Prather
Daniel Miller
Leonard H. Reinke

FACULTY MEMBERS

David Chapman
Charles H. Dornbush
Ludwig Hilberseimer
Theodorous M. Hofmeester
Albert H. Krehbiehl
Jerrold Loebl
Walter L. Suter
William F. McCaughey
Alfred L. Mell
Ludwig Mies van der Rohe
Walter Peterhans
John B. Rodgers
Louis Skidmore

Bradt
Danforth
Dickel
Fox
Horton
Hutton
Lindahl
Mandel
Miller
Mohn
Prather
Rea
Reinke
Richardson
Scott
Wagner



Shortly after the beginning of this century, Armour witnessed the formation of the Alpha Theta Delta society. Membership in this fraternity was limited to students of architecture of the Institute, and it continued as an honorary fraternity fostering the promotion of architecture at Armour. In 1915 members of Alpha Theta Delta petitioned for membership in Scarab fraternity. The petition was received favorably, and shortly afterwards Edfou Temple of Scarab, professional architectural fraternity, was organized at Armour. Scarab fraternity had been founded at the University of Illinois in 1909, and Armour's Edfou Temple became the third temple of the organization. Since the establishment of Edfou Temple ten additional ones have been granted at leading schools of architecture throughout the midwest, enlarging Scarab fraternity to thirteen temples. The fraternity was founded to provide a broader knowledge of architecture and to promote friendly competition between students and schools of architecture. Endeavoring to complete this objective, Edfou Temple has added a stimulus to the study of design by offering numerous competitions during the school year.

OFFICERS

President	Roland B. Boertitz	Treasurer	John D. Keane
Vice-President . . .	Berndt K. Lyckberg	Alumni Secretary . .	Edward F. Wagner
Secretary	Roger T. Smith	Faculty Advisor .	Dr. Charles A. Tibbals

1899



PHI LAMBDA UPSILON

ACTIVE MEMBERS

Lewis A. Bain	Henry F. Newman	Sigmund Moculeski
Roland B. Boertitz	John D. Keane	Anton S. Pater
William A. Hofmann	Willard E. Kruse	Paul J. Peltier
Robert I. Jaffee	Edwin Loutzenheiser	Roger T. Smith
Sidney A. Heenan	Berndt K. Lyckberg	

FACULTY MEMBERS

Arthur H. Carpenter	Robert C. Kintner	Harry McCormack
Ernest Freireich	Charles A. Tibbals	Ralph H. Manley
B. B. Freud	Howard M. Kindsvater	John A. Schaad
Francis W. Godwin	Vasili I. Komarewsky	

Bain
Boertitz
Heenan
Hofmann
Jaffee
Keane
Kruse
Loutzenheiser
Lyckberg
Makalajcyk
Newman
Pater
Peltier
Smith

Phi Lambda Upsilon, honorary chemical society, was founded forty years ago by a group of senior chemistry students at the University of Illinois. Their object in starting this organization was the promotion of high scholarship and original investigation in all branches of pure and applied chemistry. The organization started slowly, the next chapter organized being at the University of Wisconsin in 1906. It has since grown phenomenally until at the present time there are thirty-six active chapters and nearly ten thousand members. The latest addition is a chapter at Rensselaer Polytechnic Institute, this year.

Omicron chapter was established at Armour Institute of Technology in 1920, largely through the efforts of two members of the chemical engineering department, Professor C. A. Tibbals and Mr. C. F. Smith. Admission to the society is limited to those members of the junior and senior classes in chemical engineering having the highest scholastic averages. Although scholarship is the major basis for eligibility, personality of the candidate is also considered.

OFFICERS

President . . . . . Harold S. Anthon
Vice-President . . . . Benjamin Kirz
Secretary . . . . . Carl W. Reh
Treasurer . . . Professor Roe L. Stevens
"Transit" Editor . . . . Carl W. Reh

1922



CHI EPSILON

ACTIVE MEMBERS

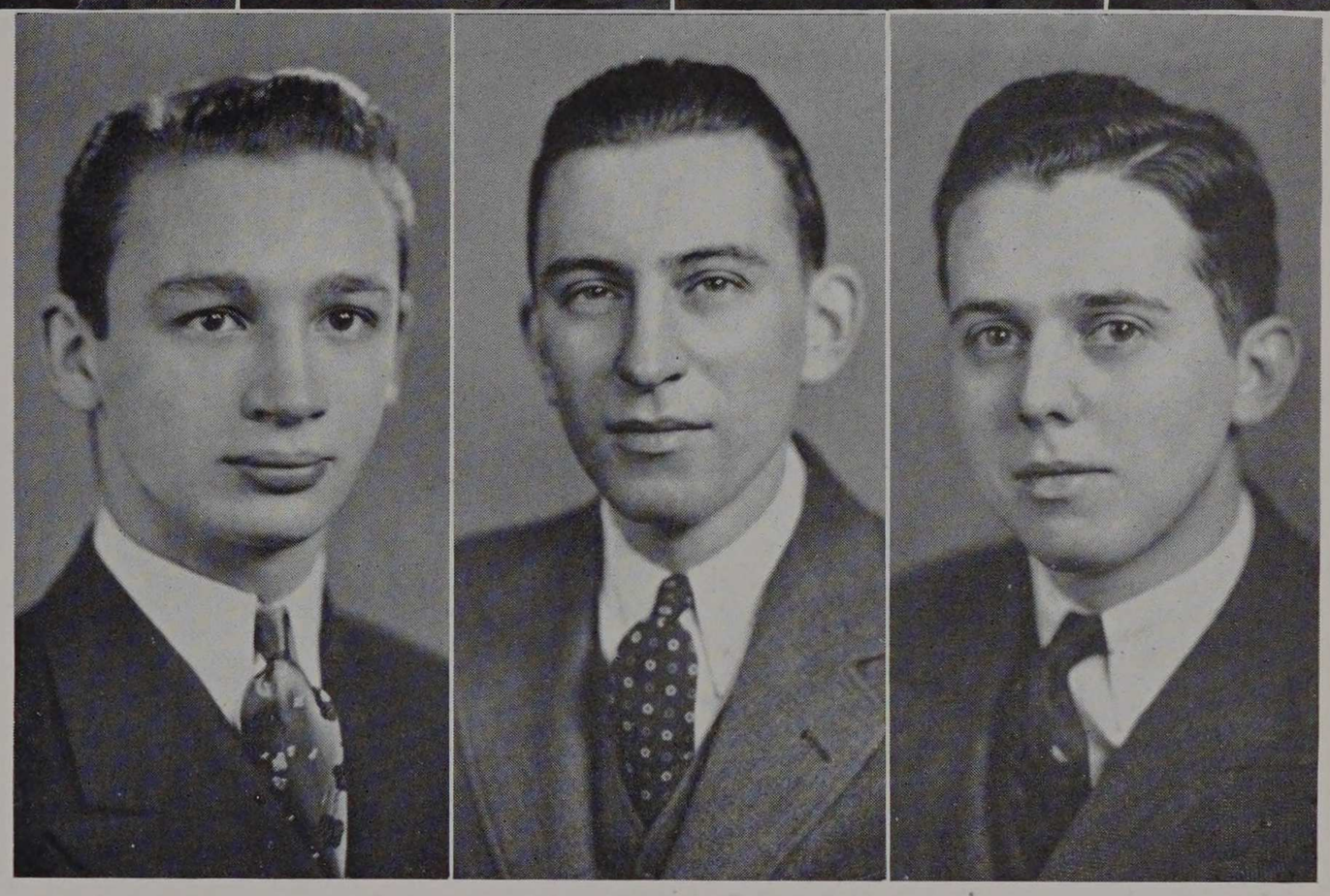
Harold S. Anthon
Benjamin Kirz
Carl W. Reh
George P. Hanna, Jr.
Donald J. Saigh
Donald M. Way
Francis A. Opila

FACULTY MEMBERS

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

Anthon
Hanna
Kirz
Opila
Reh
Way
Saigh





Chi Epsilon, national honorary civil engineering fraternity, was founded at the University of Illinois in 1922 by outstanding student members of the department of civil engineering. In the following year a petition for a chapter of Chi Epsilon at Armour was presented to the officers of the fraternity. The petition was accepted by the fraternity, and the Armour chapter of Chi Epsilon was initiated on March 9, 1923.

Following 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 of more than two thousand. Recognizing the fact that chapters many miles apart would have difficulty in functioning as one, the supreme council inaugurated the "Transit" as a semi-annual publication. Chapter news and articles of general or engineering interest are found in the magazine, the composition of which is the responsibility of the individual chapter representatives under the direction of the "Transit" editor.

OFFICERS

President . . . . Daniel W. Jacobson
Vice-President . . . Thomas W. Yeakle
Secretary-Treasurer . Paul M. Hoffman
Advisor . . . . . Joseph B. Finnegan

1923

SALAMANDER

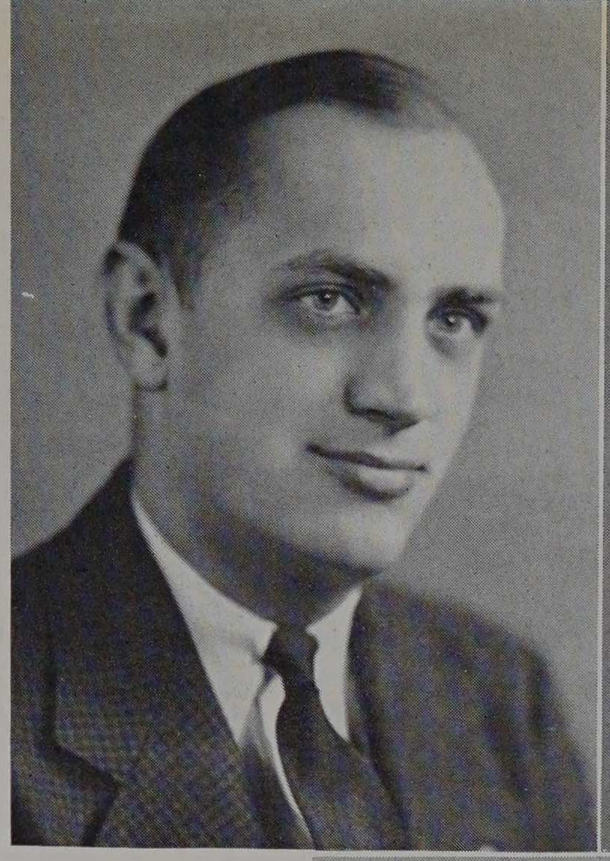
ACTIVE MEMBERS

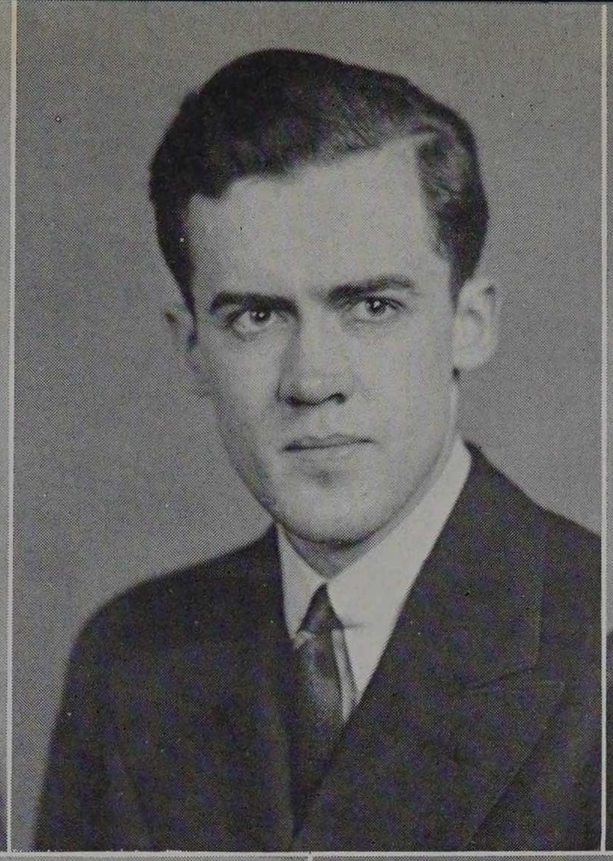
Paul M. Hoffman
Daniel W. Jacobson
Don C. Rogge
Thomas W. Yeakle
Thomas A. Hunter

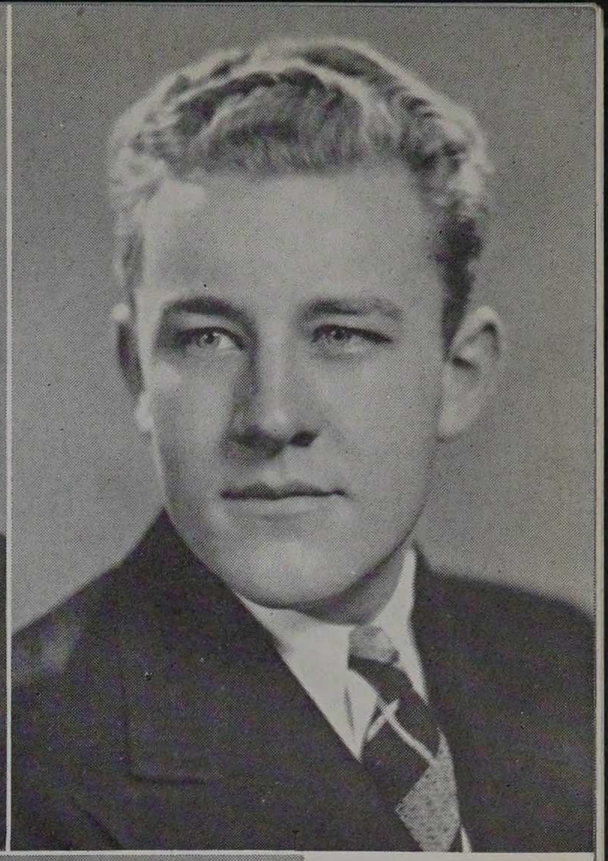
FACULTY MEMBERS

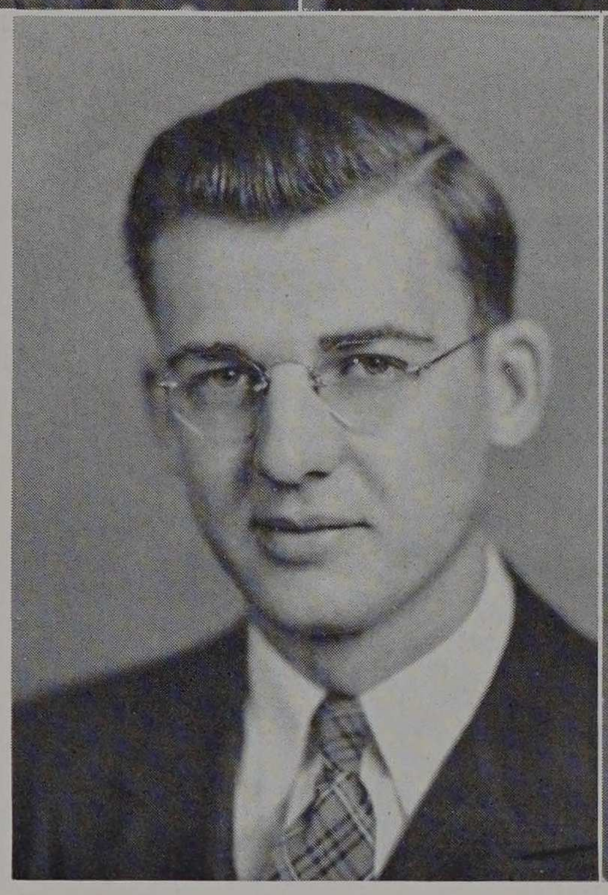
J. B. Finnegan
O. L. Robinson

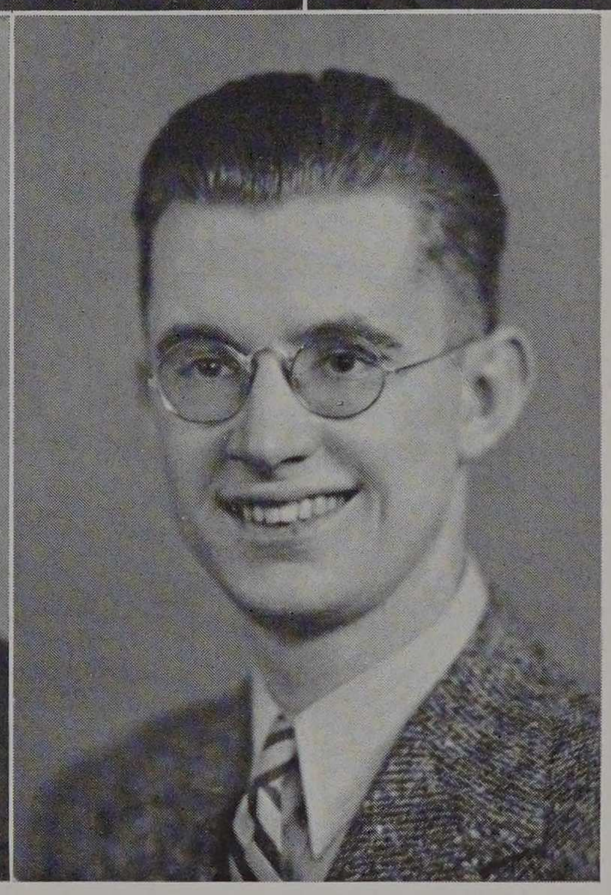
Hoffman
Hunter
Jacobson
Rogge
Yeakle











For years the students of the fire protection engineering department desired an honorary society that would strive for close union and co-operation of men of like ideals. In 1922, when it was clear what the aims of such a society would be, Professor J. B. Finnegan, aided by students of the department, took the initial steps toward the establishment of such an organization. Permission to form this society was granted by officers of the Institute, and in 1923 Salamander was officially recognized as the fire protection honorary society.

Although it has not had chance to expand nationally, due to the fact that Armour has the distinction of being the only school with a fire protection engineering department, there are at present 120 men who have been extended membership into the society. The prime requisite for membership is high scholarship. However, to qualify the candidate must show evidence of superior abilities through his activities and must possess strong character.

OFFICERS

President	Joseph J. Janicek	Recording Secretary . .	George J. Derrig
Vice-President	Harry C. Soukup	Treasurer	Paul F. Henriksen
Corresponding Secretary .	Norman D. Rice	Cataloguer	Max Ephraim

1915

PI TAU SIGMA

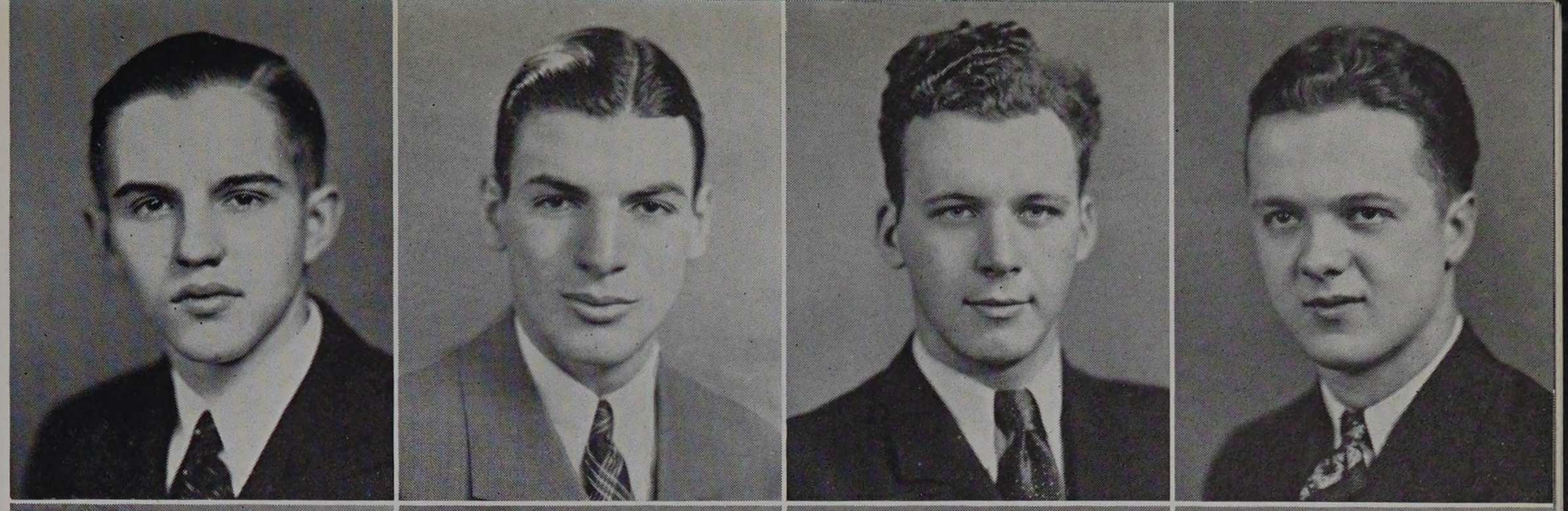
ACTIVE MEMBERS

George J. Derrig	Edward S. Grabacki	Harry C. Soukup
Max Ephraim	Paul F. Henriksen	Norman D. Rice
James Gilbert	Joseph J. Janicek	Robert A. Windblad
Robert S. Kohn	Ralph H. Wagner	Alvin L. Winkler

HONORARY MEMBERS

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

Derrig
Ephraim
Gilbert
Grabacki
Henriksen
Janicek
Kohn
Rice
Soukup
Wagner
Winblad
Winkler



Pi Tau Sigma, national honorary mechanical engineering fraternity, was founded jointly at the University of Wisconsin and the University of Illinois in March, 1915. The founders of the fraternity were all members of the mechanical engineering departments of the two schools. They co-operated with faculty heads of the schools in the organization and establishment of the society that would "foster the high ideals of the profession, stimulate interest in coordinate departmental activities, and promote the welfare of its members." Nine years after the fraternity was founded, a petition was sent to the executive officers of the fraternity by the students of Armour's mechanical engineering department. These students, petitioning for a chapter, were aided by members of the Armour faculty who wished to see a chapter granted Armour. The fraternity granted the petitioning students a chapter, and on December 22, 1924, Delta Chapter of Pi Tau Sigma was officially recognized as the fraternity's chapter at Armour. Delta Chapter became the fifth chapter of the national organization, which has nine branches at present.

OFFICERS

President . . . . George E. Danforth Vice-President . . . Allen J. Spengler

Secretary-Treasurer Thomas W. Yeakle, Jr.

1927

PI NU EPSILON

ACTIVE MEMBERS

Howard R. Coyle
Stephen P. Finnegan
Paul M. Hoffman
Fred G. Jahnke
John D. Keane
Russell Kotal
Edwin J. Loutzenheiser, Jr.
Berndt K. Lyckberg
Carl W. Reh
Norman D. Rice
Allen J. Spengler
Robert A. Winblad
Thomas W. Yeakle, Jr.
Richard W. Young
William M. Caldwell
George E. Danforth
Harold A. Doolittle
William H. Mashinter
Eugene H. Worcester

HONORARY MEMBERS

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

Caldwell
Coyle
Danforth
Doolittle
Finnegan
Hoffman
Jahnke
Keane
Kotal
Loutzenheiser
Lyckberg
Rice
Spengler
Winblad
Worcester
Yeakle
Young



The second non-engineering honorary fraternity to be founded at Armour, Pi Nu Epsilon, gives recognition to those students who have served commendably the musical organizations of the school. Establishment of the fraternity came only after officers of the Institute extended permission to the officials of the Armour Tech Musical Clubs to establish an honorary musical society. This new fraternity was the product of the members of the musical clubs, four of whom were members of the class of '27, four members of the class of '28, and Professor Emeritus Charles W. Leigh. The founders intended that the organization serve as a means of honoring students who had aided Armour musical work besides stimulating an interest among students in musical appreciation and interesting them in working for the musical clubs of the school. The charter was granted by Institute officials in January, 1927.

Not only have students and musical activities of the Institute been benefited by the fraternity, but the organization, being non-departmental, has tended to bring into closer contact students of the various departments.

OFFICERS

President . . . . . Edward Chevalley
Vice-President . . Abraham M. Zarem
Secretary . . . . . Robert L. Ramp
Treasurer . . . . . Earl E. Foster

RHO EPSILON

ACTIVE MEMBERS

Marvin Camras
Frederick Ellin
Julian Leonhardi
Louis Maze
Sigmund Mentzel
Edward Minieka
Carl Dan Pierson
Edward Rosenthal
Elmer J. Bauer
Walter Clark
Edwin Lavern Hass
Melvin Mendelsohn
William R. Anthony
Charles F. Hill
Milton G. Hawkins

FACULTY ADVISOR AND TRUSTEE

Arthur W. Sear
Leonard Holmes

Bauer
Camras
Clark
Foster
Hass
Leonhardi
Maze
Mendelsohn
Mentzel
Minieka
Pierson
Ramp
Rosenthal
Seda
Smessart
Zarem



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.

OFFICERS

Master Alchemist .	Berndt K. Lyckberg	Secretary	Roger T. Smith
Vice-Master Alchemist	Chester A. Adeszko	Treasurer	Roland B. Boertitz
Master of Ceremonies .	Willard E. Kruse	Reporter	Paul J. Peltier

1902

ALPHA CHI SIGMA

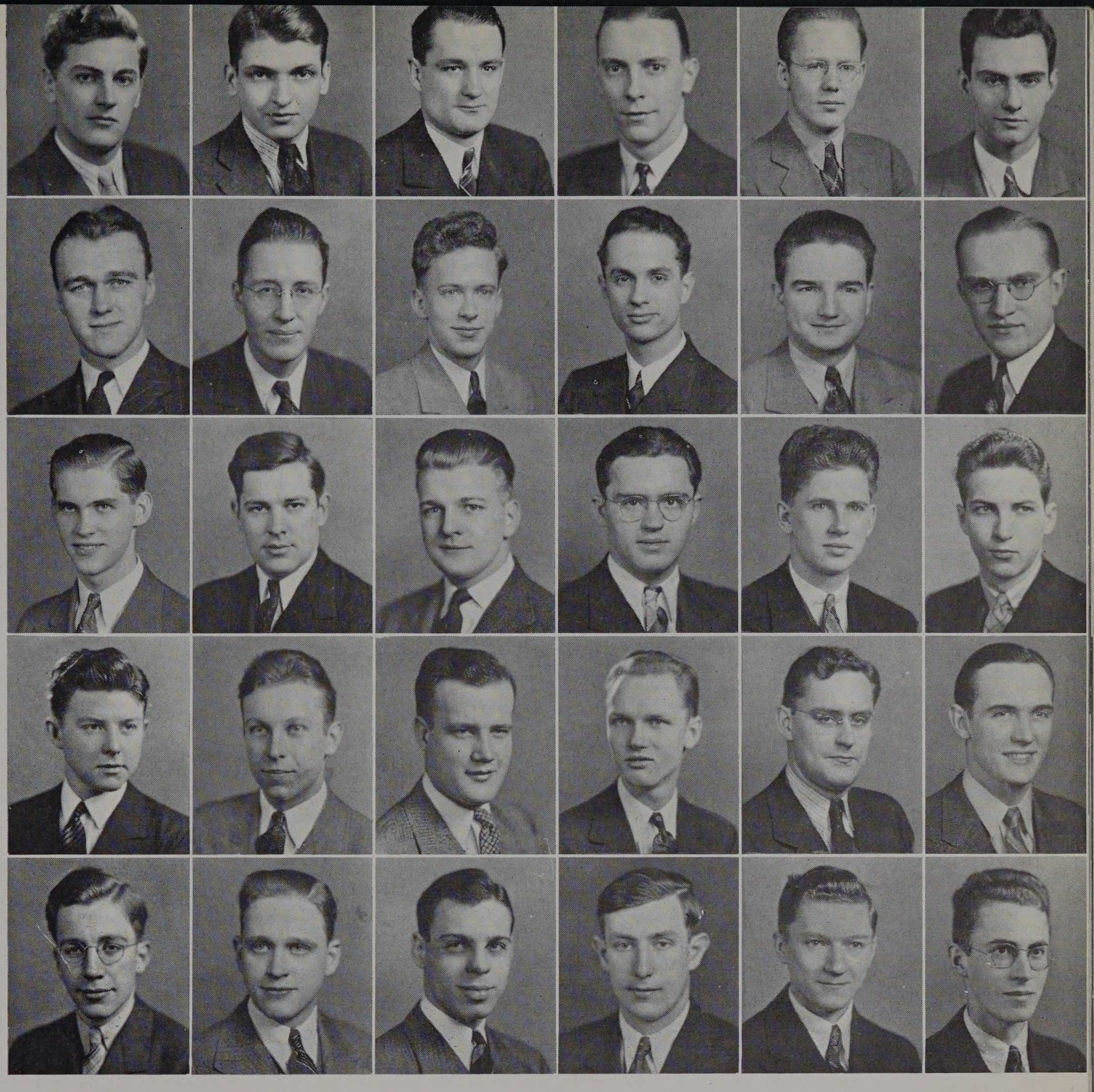
ACTIVE MEMBERS

Chester A. Adeszko
Lewis A. Bain
Roland B. Boertitz
Thomas B. Calhoun
Howard R. Coyle
Eugene D. Gryglas
William A. Hofmann
Casimir L. Bigos
Robert J. Collopy
Harold Doolittle
James J. Fahey
Edward P. Gruca
George P. Baumann
Edward J. Dost
Eric N. Isakson
John D. Keane
Willard E. Kruse
Edwin J. Loutzenheiser
Berndt K. Lyckberg
Guy F. Morris, Jr.
Sidney A. Heenan
Eugene Kalnin
Walter H. Kahl
Constantine A. Kazmierowicz
James R. Meyer
Donald W. Long
Henry E. Wessel
Paul J. Peltier
Carroll V. Peterson
John J. Ratto
William A. Ryan
Roger T. Smith
Everett F. Wagner
George W. Minard
Lloyd W. Norkus
Ralph Petri
Charles J. Ryant
Robert J. Mead
Henry F. Newman

FACULTY MEMBERS

Arthur H. Carpenter
Horace A. Giddings
Robert C. Kintner
John A. Schaad
John J. Schommer
Charles A. Tibbals
Floyd A. Van Atta

Adeszko
Bain
Bigos
Boertitz
Baumann
Calhoun
Callopy
Coyle
Doolittle
Dost
Fahey
Gryglas
Heenan
Hofmann
Isakson
Kazmierowicz
Kalnin
Kahl
Keane
Kruse
Loutzenheiser
Lyckberg
Menard
Norkus
Peltier
Peterson
Ratto
Ryan
Ryant
Smith



Alpha Chi Sigma, national professional chemical fraternity, was founded thirty-six years ago at the University of Wisconsin. The organization expanded rapidly, and it soon had chapters at the more prominent chemical colleges. Likewise, the alumni association which has grown with the student fraternity has expanded into a group of seventeen professional chapters. It is such alumni and professional association that has enabled the fraternity to bring students and professional chemists into official and intimate proximity. Placement bureaus maintained by the alumni groups have aided undergraduates to secure employment in the chemical field and have further enhanced the alumni societies to the undergraduate organization. The value of affiliation with such a fraternity was apparent to members of the Flask and Beaker, a club of students of the chemical engineering department of Armour. The group petitioned to become a chapter of the fraternity, and on December 13, 1930, the members of the Flask and Beaker were initiated into Alpha Chi Sigma. Alpha Psi Chapter was formed at Armour, and it became the forty-seventh chapter of the society.

BLACK KNIGHT

HONORARY MEMBERS

C. A. Tibbals
P. C. Huntly
J. J. Schommer
H. T. Heald
Bernard Weissman

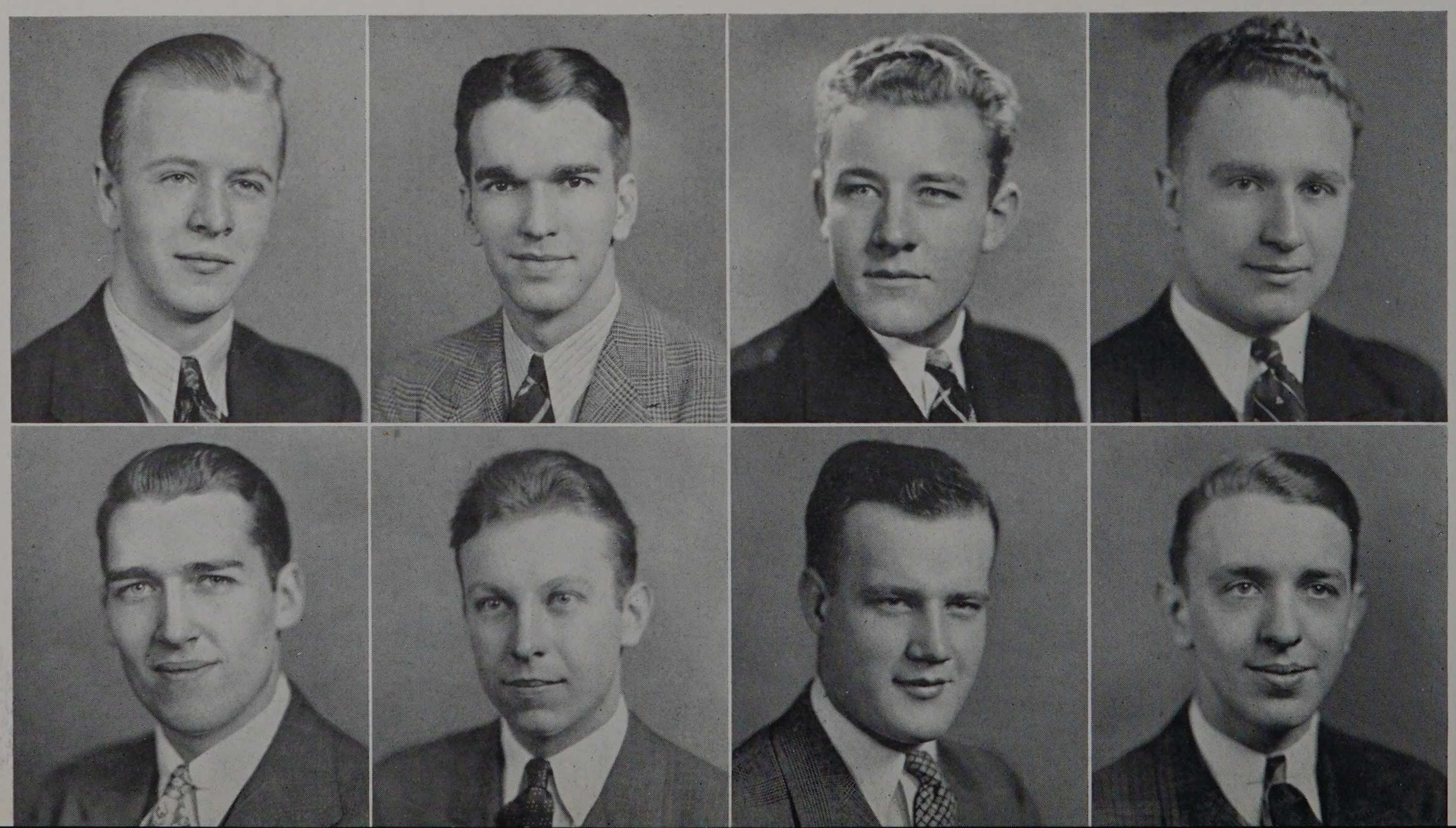
ACTIVE MEMBERS

Harold Anthon
Paul Henriksen
Russell Kotal
Willard Kruse
Edwin Loutzenheiser
Paul Peltier
Ambrose Richardson
Richard Vandekieft
Thomas Yeakle

INTERHONORARY COUNCIL

TAU BETA PI . . . . . E. J. Loutzenheiser
SPHINX . . . . . R. Kotal
PHI LAMBDA UPSILON . . . . . R. B. Boertitz
CHI EPSILON . . . . . H. S. Anthon
SALAMANDER . . . . . D. W. Jacobson
PI TAU SIGMA . . . . . J. J. Janicek
PI NU EPSILON . . . . . G. E. Danforth
HONOR A . . . . . W. E. Kruse
SCARAB . . . . . A. M. Richardson

Anthon
Danforth
Jacobson
Janicek
Kotal
Kruse
Loutzenheiser
Richardson



THE INTERFRATERNITY COUNCIL

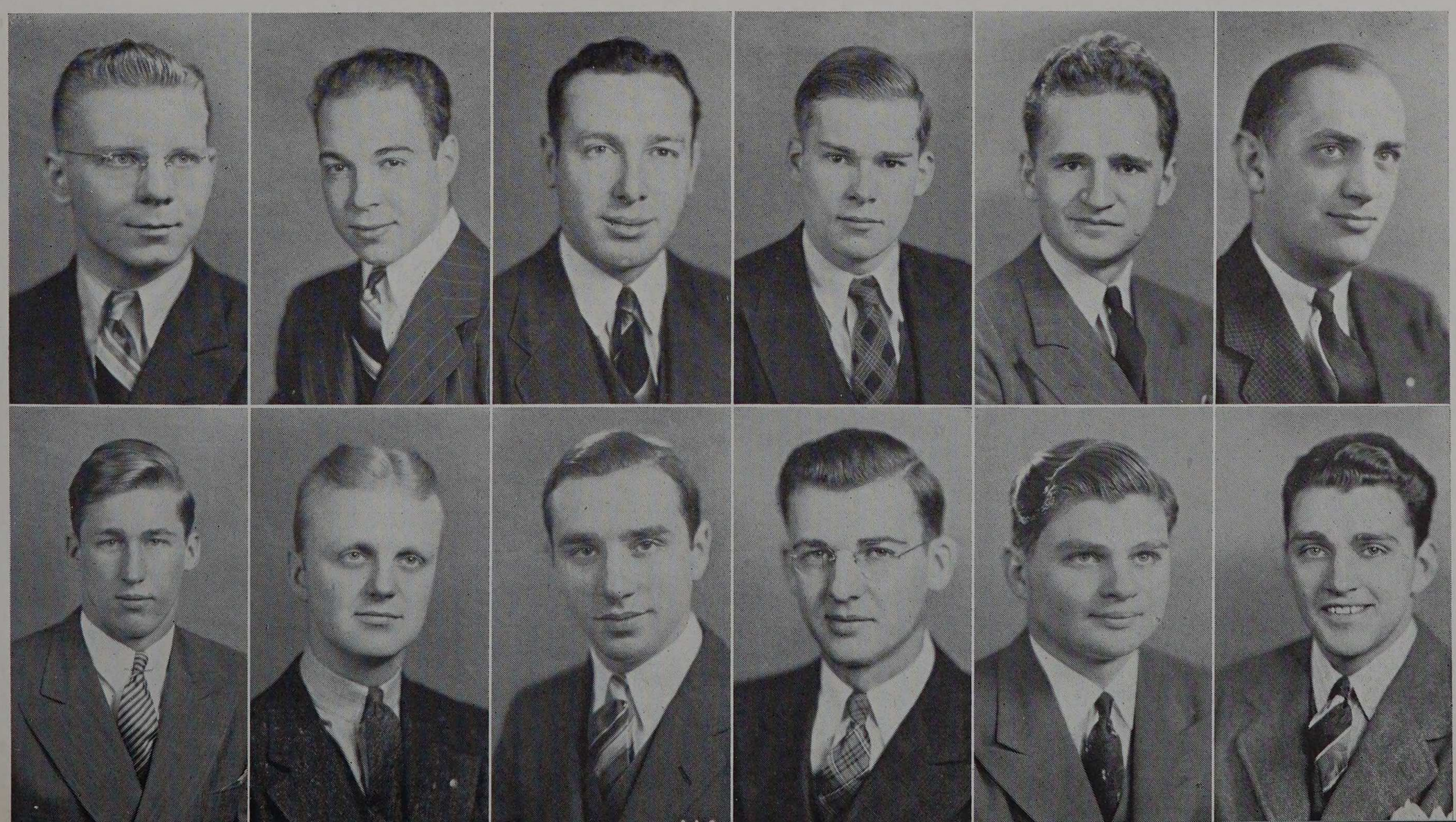
First Semester		Second Semester
John Lindahl	Phi Kappa Sigma	Donald Charlton
Bernard Bernstrom	Delta Tau Delta	Ralph Tullgren
Anthony Giovan	Theta Xi	Edward Mack
Thomas Collier	Phi Pi Phi	Richard Larson
Erwin Schlifke	Sigma Alpha Mu	Erwin Schlifke
Edward Morris	Rho Delta Rho	Edward Morris
Donald Rogge	Triangle	Donald Rogge
Ray Dodge	Pi Kappa Phi	Paul Hoffman

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.

Bernstrom
Charlton
Collier
Dodge
Giovan
Hoffman
Larsen
Lindahl
Morris
Roage
Schlifke
Tullgren

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.



OFFICERS

First Semester		Second Semester
Thomas Collier	President	Ralph R. Tullgren
Ralph R. Tullgren	Vice-President	Anthony C. Giovan
R. N. Vandekieft	Secretary	George P. Hanna
Robert A. Winblad	Treasurer	Thomas A. Clark
Thomas A. Clark	Sergeant-at-Arms	Clayton W. DeMent

1938

BETA OMEGA NU

FACULTY

John J. Schommer Bernard Weissman

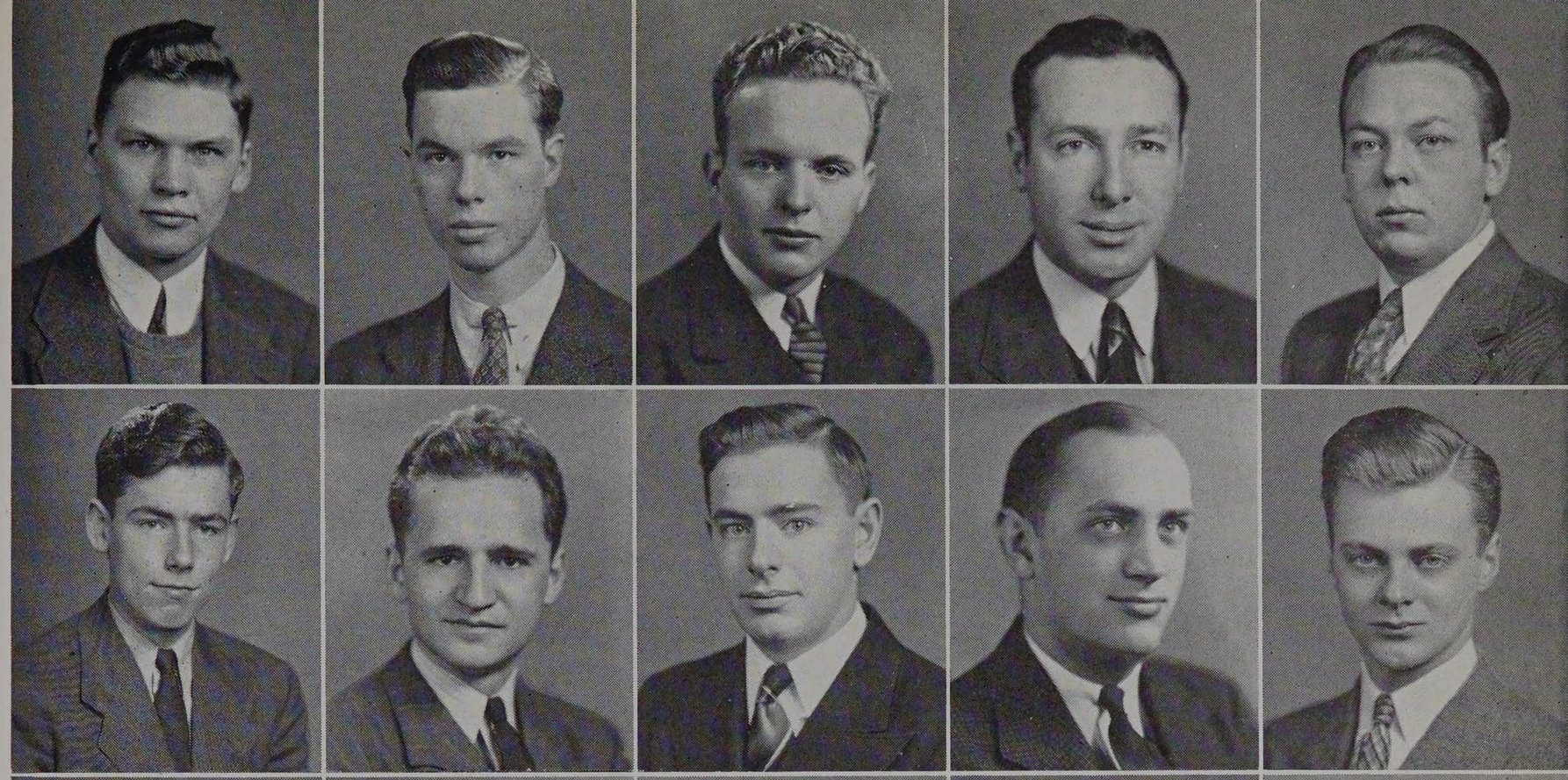
MEMBERS

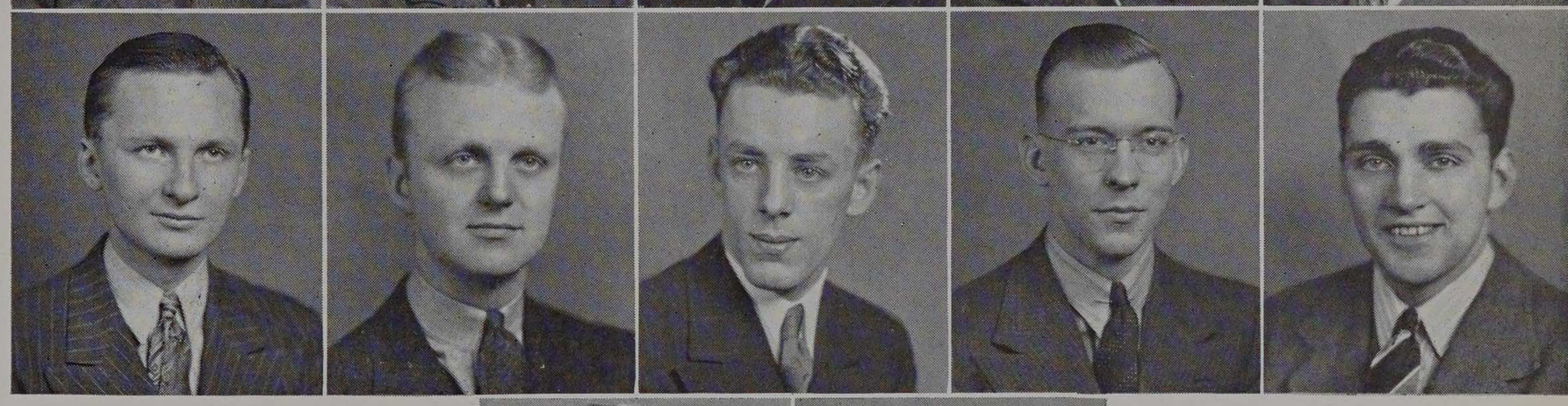
Thomas A. Clark
Ralph R. Tullgren
Paul M. Hoffman
Karl W. Hawkins
Clayton W. DeMent
James E. Reuter
Judson H. Doane
John C. Lindahl
Anthony C. Giovan
Robert A. Winblad
Jerome R. Bunce
Clarence Laskowski
J. P. Ransel
Thomas Collier
Richard N. Vandekieft
Earle T. Anderson
William D. Horton
George P. Hanna
Eugene E. Dailey
Ray F. Main

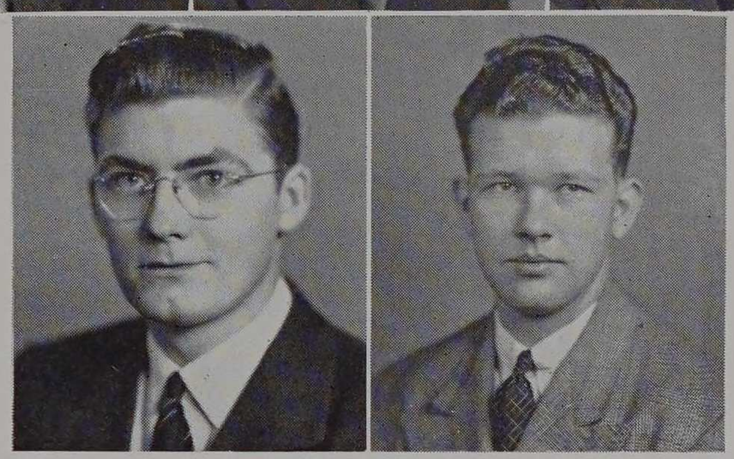


First meeting of B O N.

Anderson
Bunce
Clark
Collier
DeMent
Doane
Giovan
Hanna
Hoffman
Horton
Laskowski
Lindahl
Main
Reuter
Tullgren
Winblad
Vandekieft







On January 28, 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 interfraternity 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.

Eligibility for membership in the fraternity is limited to active members of each of the six social fraternities. The member must have completed at least one year of study at the Institute. All candidates must be outstanding men in their respective fraternities, and leaders on the campus. The fraternity is limited to a maximum of five members from each social fraternity.

OFFICERS

First Semester		Second Semester
John C. Lindahl	President	J. Donald Charlton
Thomas A. Clark	Vice-President	John A. Clark
Robert H. Lange	Recording Secretary	Benjamin G. Lease
Jack A. Clark	Corresponding Secretary	Robert H. Lange
Thomas A. Clark	Treasurer	Thomas A. Clark

1850

PHI KAPPA SIGMA

FACULTY

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

ACTIVE MEMBERS

Jerome R. Bunce
John C. Lindahl
Earle T. Anderson
Robert F. Ettinger
William E. Hoverson
Bruce E. Olsen
Thomas A. Clark
J. Donald Charlton
Jack A. Clark
Robert W. Greenberg
Paul A. Huebsch
Charles F. Proctor
Roy Grant Whitehead
Benjamin G. Lease
Karl W. Hawkins
James G. Crotty
Robert J. Hausske
Robert H. Lange
Ronald H. Smith

PLEDGES

Henry A. Bittner
John W. Boehr, Jr.
Jack Shanley
James L. Rider
Roger A. Olson
Hobart B. Bunce
Richard R. Taylor
John J. Boland, Jr.
Paul H. Buerkholtz
Harry A. Thompson
Gus C. Mustakas

Anderson
Bittner
Boehr
Boland
Buerckholtz
Bunce
Charlton
Clark, J.
Clark, T.
Cratty
Ettinger
Greenberg
Hausske
Lange
Lease
Huebsch
Lindahl
Mustakas
Olson
Proctor
Rider
Shanley
Smith
Taylor
Whitehead

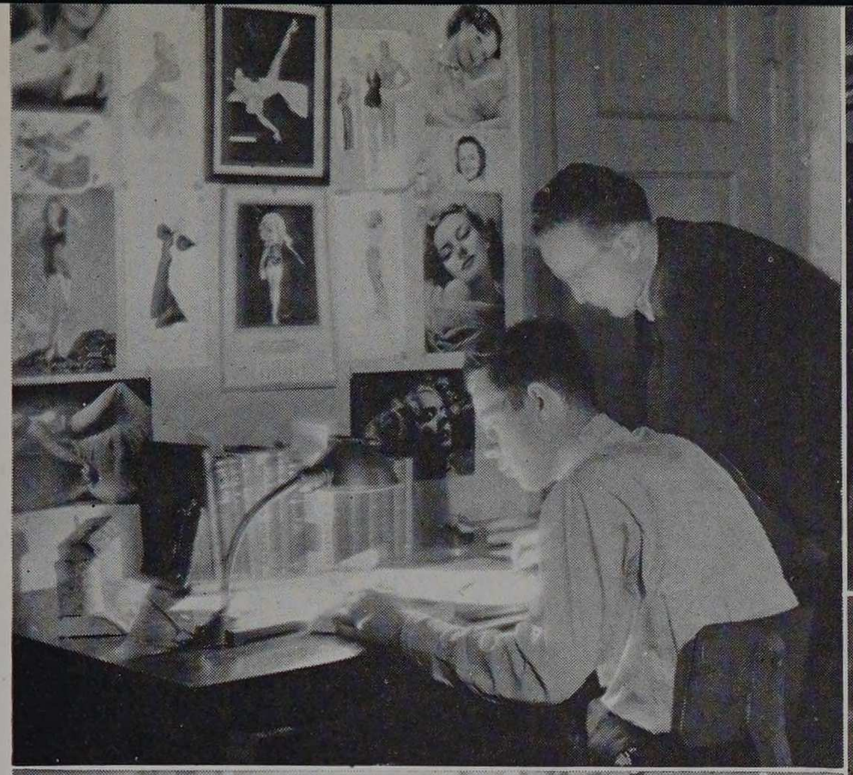


Phi Kappa Sigma was founded at the University of Pennsylvania on October 19, 1850. The parent chapter's constitution provided for "branch societies," but it was not until two and one half years after the founding of the first chapter that a second chapter was established at Princeton University. Soon 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.

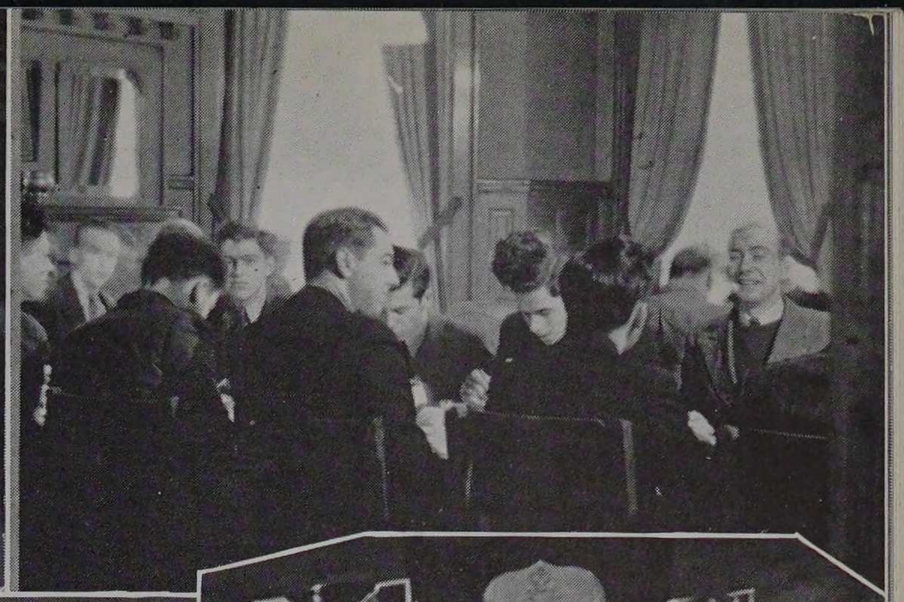
CHAPTER ROLL

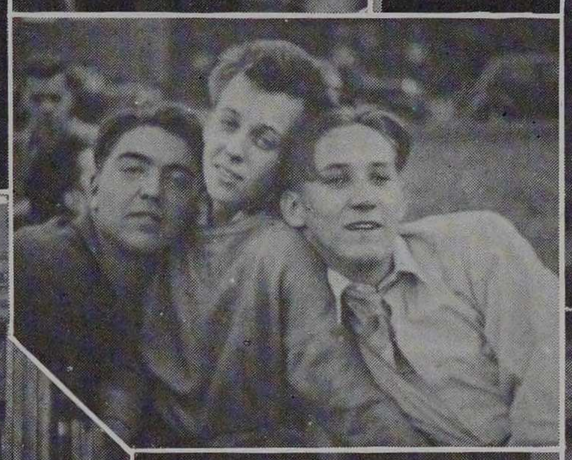
Alpha . . . . . University of Pennsylvania
Delta . . . . . Washington and Jefferson College
Epsilon . . . . . Dickinson College
Zeta . . . . . Franklin and Marshall College
Eta . . . . . University of Virginia
Theta . . . . . Kenyon College
Lambda . . . . . University of North Carolina
Mu . . . . . Tulane 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

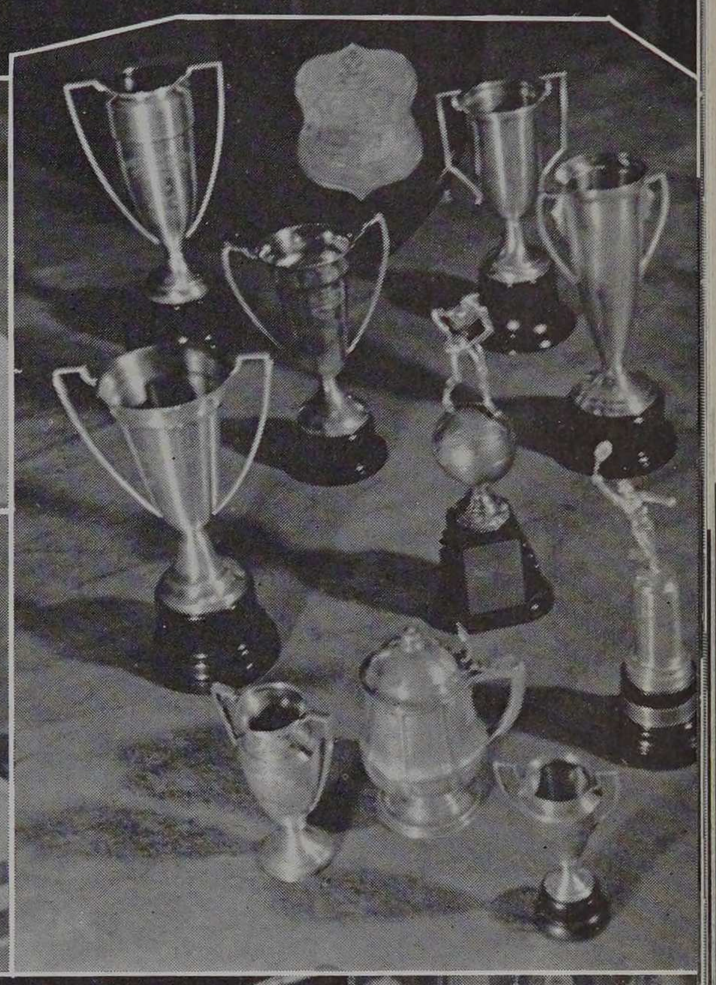
"Phi Kap" Activities



















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.

OFFICERS

First Semester		Second Semester
Bernard W. Bernstrom	President	Ralph R. Tullgren
William D. Horton	Vice-President	William D. Horton
Richard M. Street	Recording Secretary	William A. Haubert
Donald H. Sunde	Corresponding Secretary	Donald H. Sunde
J. Paul Ransel	Treasurer	William H. Scherer

1859

DELTA TAU DELTA

FACULTY

Arthur H. Carpenter — Alfred L. Mell — Austin D. Sprague

ACTIVE MEMBERS

Ralph R. Tullgren
John J. Fox
William D. Horton
Delano E. Wessels
Eugene E. Dailey
William Groen
Bernard W. Bernstrom
James W. Duncan
William H. Scherer
William F. Yeager
Judson H. Doane
Donald S. Knief
Robert A. Davis III
William A. Haubert
Donald H. Sunde
Paul H. Adair
J. Paul Ransel
Howard E. Meyer

PLEDGES

Richard J. Dunworth
Bruce F. Ranney
Edward Moore
John M. Peterson
Keith Hoffman
William B. Suthers
Albert T. Garnier
Carl H. Sparenberg
Floyd G. Willis
Edgar H. Meister
Warren T. Umbright
William H. Kidwell
Richard H. Talcott

Bernstrom
Dailey
Davis
Doane
Dunworth
Fod
Garnier
Haubert
Hoffman
Horton
Kidwell
Knief
Meister
Meyer
Rauney
Scherer
Sparkenberg
Sunde
Suthers
Talcott
Tullgren
Umbright
Wessels
Willis
Yeager



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.

CHAPTER ROLL

SOUTHERN DIVISION

Pi . . . . . University of Mississippi
Phi . . . Washington and Lee University
Beta Delta . . . University of Georgia
Beta Epsilon . . . . Emory University
Beta Theta . . . University of the South
Beta Iota . . . . University of Virginia
Beta Xi . . . . . Tulane University
Gamma Eta . George Washington University
Gamma Iota . . . . University of Texas
Gamma Psi . Georgia School of Technology
Gamma Omega . University of North Carolina
Delta Delta . . . University of Tennessee
Delta Epsilon . . University of Kentucky
Delta Zeta . . . . University of Florida
Delta Eta . . . . University of Alabama
Delta Kappa . . . . . Duke University

NORTHERN DIVISION

Beta . . . . . Ohio University
Delta . . . . . University of Michigan
Epsilon . . . . . Albion College
Zeta . . . . Western Reserve University
Kappa . . . . . Hillsdale College
Mu . . . . . Ohio Wesleyan University
Chi . . . . . Kenyon College
Beta Alpha . . . . . Indiana University
Beta Beta . . . . . DePauw University
Beta Zeta . . . . . Butler University
Beta Phi . . . . Ohio State University
Beta Psi . . . . . Wabash College
Gamma Lambda . . . Purdue University
Gamma Xi . . . University of Cincinnati
Gamma Upsilon . . . Miami University

WESTERN DIVISION

Omicron . . . State University of Iowa
Beta Gamma . . University of Wisconsin
Beta Eta . . . . University of Minnesota
Beta Kappa . . . University of Colorado
Beta Pi . . . . Northwestern University
Beta Rho . Leland Stanford Jr. University
Beta Tau . . . . University of Nebraska
Beta Upsilon . . . . University of Illinois
Beta Omega . . University of California
Gamma Beta . Armour Institute of Technology
Gamma Theta . . . . Baker University
Gamma Kappa . . University of Missouri
Gamma Mu . . University of Washington
Gamma Pi . . . . Iowa State College
Gamma Rho . . . University of Oregon
Gamma Tau . . . . University of Kansas
Gamma Chi . . . Kansas State College
Delta Alpha . . . University of Oklahoma
Delta Gamma . University of South Dakota
Delta Iota . Univ. of Calif. at Los Angeles
Delta Lambda . . Oregon State College
Delta Mu . . . . . University of Idaho
Delta Nu . . . . . Lawrence College
Delta Xi . . . University of North Dakota

EASTERN DIVISION

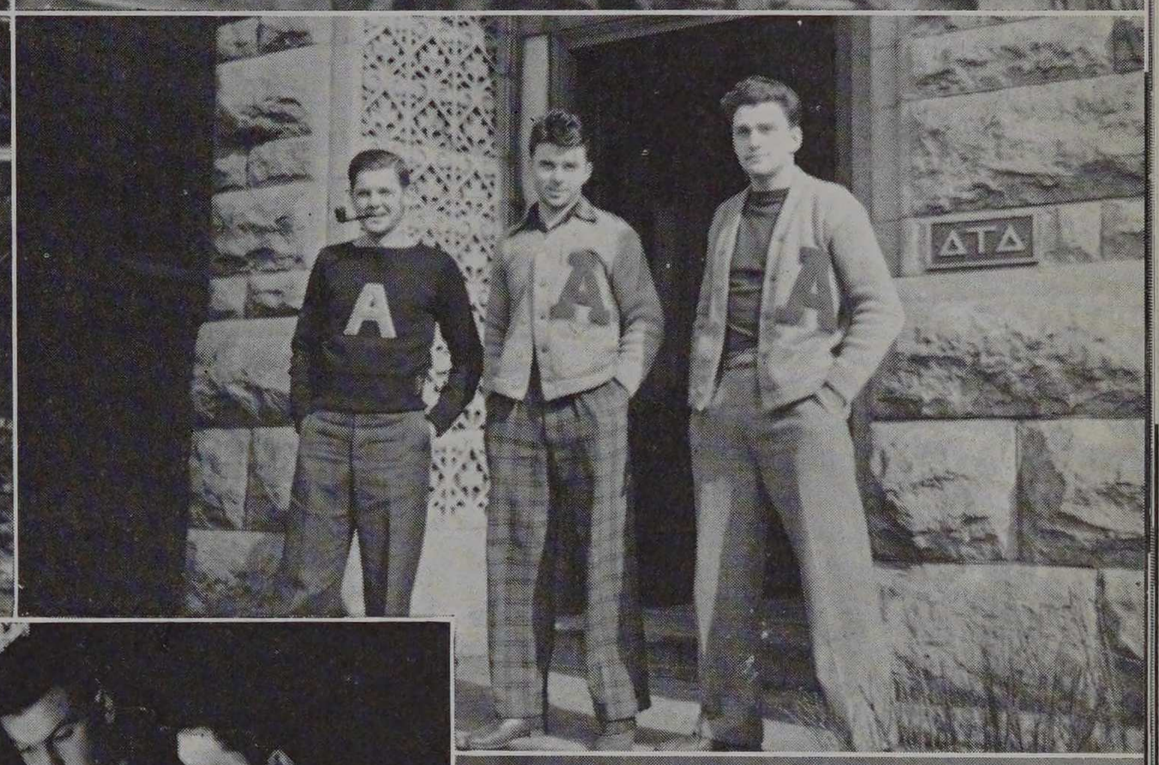
Alpha . . . . . Allegheny College
Gamma . Washington and Jefferson College
Nu . . . . . Lafayette College
Rho . . . Stevens Institute of Technology
Tau . . . . Pennsylvania State College
Upsilon . Rensselaer Polytechnic Institute
Omega . . . University of Pennsylvania
Beta Lambda . . . . Lehigh University
Beta Mu . . . . . Tufts College
Beta Nu . Massachusetts Institute of Tech.
Beta Omicron . . . . Cornell University
Beta Chi . . . . . Brown University
Gamma Gamma . . Dartmouth University
Gamma Delta . West Virginia University
Gamma Zeta . . . Wesleyan University
Gamma Nu . . . . University of Maine
Gamma Sigma . . University of Pittsburgh
Gamma Phi . . . . . Amherst College
Delta Beta . . Carnegie Institute of Tech.
Delta Theta . . . University of Toronto

Doings of the "Delts"



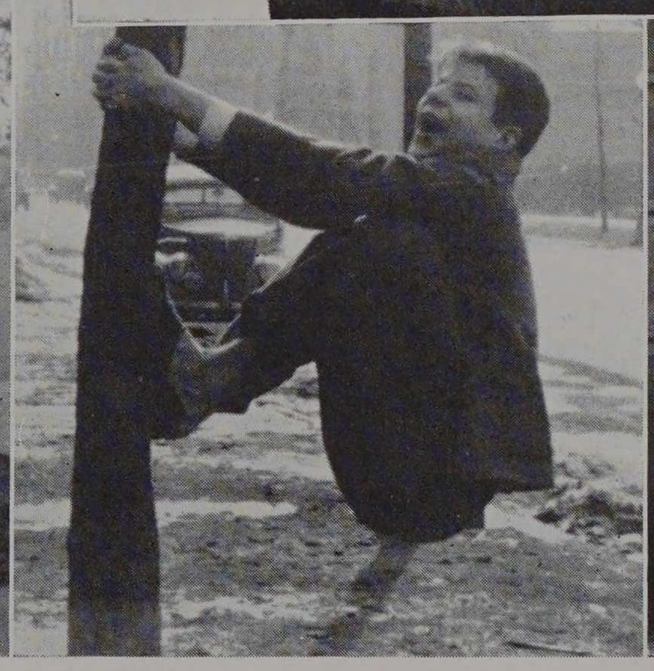














Gamma Beta of Delta Tau Delta was founded as the Monolith Club in the year 1900. Reorganization of the club took place the same year, and the name was changed to Consonant Club. Soon the membership included fifteen men, two of whom were members of Delta Tau Delta. In February of 1901 a petition for a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

OFFICERS

First Semester		Second Semester
Anthony Giovan	President	Edward C. Mock
Richard W. Young	Recording Secretary	Richard W. Young
Ralph W. Gruetzmacher	Corresponding Secretary	William E. Manstrom
William Wilson, Jr.	Treasurer	William Wilson, Jr.

1864

THETA XI

FACULTY

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

ACTIVE MEMBERS

Anthony Giovan
William Wilson, Jr.
William E. Manstrom
Richard W. Young
Frank R. Grote, Jr.
Edward C. Mock
Richard J. Hruda
John R. Mangan, Jr.
Ralph W. Gruetzmacher

PLEDGES

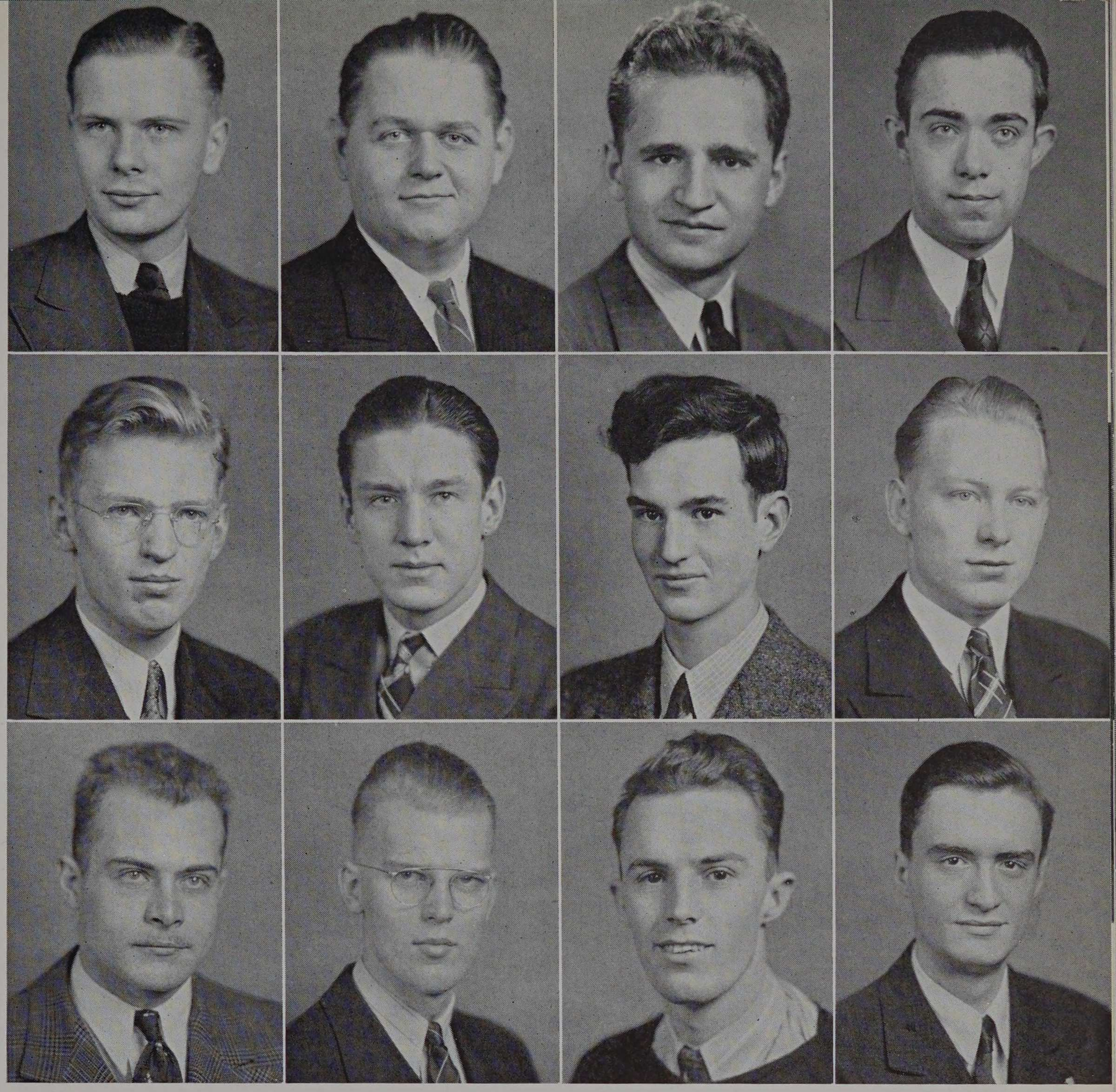
Elmer E. Ambrose
Robert A. Peterson
Forrest R. Wolf
Sheldon P. Stein
Charles E. Durkee







Ambrose
Durkee
Giovan
Grate
Gruetzmacher
Hruda
Mangan
Mock
Peterson
Stein
Wolf



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 it now 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.

OFFICERS

First Semester		Second Semester
Thomas Collier	President	Richard A. Larson
John C. Cerovski	Vice-President	John C. Cerovski
William M. Caldwell	Secretary	William M. Caldwell
Clayton W. DeMent	Treasurer	William D. Plengey
H. B. Muelhausen	Sentinel	H. B. Muelhausen

1911

PHI PI PHI

FACULTY

Ernest H. Freeman

Daniel Roesch

Norman Root

ACTIVE MEMBERS

Francis Abbott
Chris Malleris
Richard A. Larson
Vern Parker
Earl J. Covington
Ernest Harrison
Earle Huxhold
Thomas Collier

Harold S. Anthon
Harry N. Shaw
Ray F. Main
William D. Plengey
Philip E. Virtue
John Henderson
John C. Cerovski
William M. Caldwell

Clayton W. DeMent
Daniel M. Conant
H. B. Muelhausen
Robert Schmidt
Glenn E. Backman
George C. Hussander, Jr
Gerald M. Platz
Richard N. Vandekieft

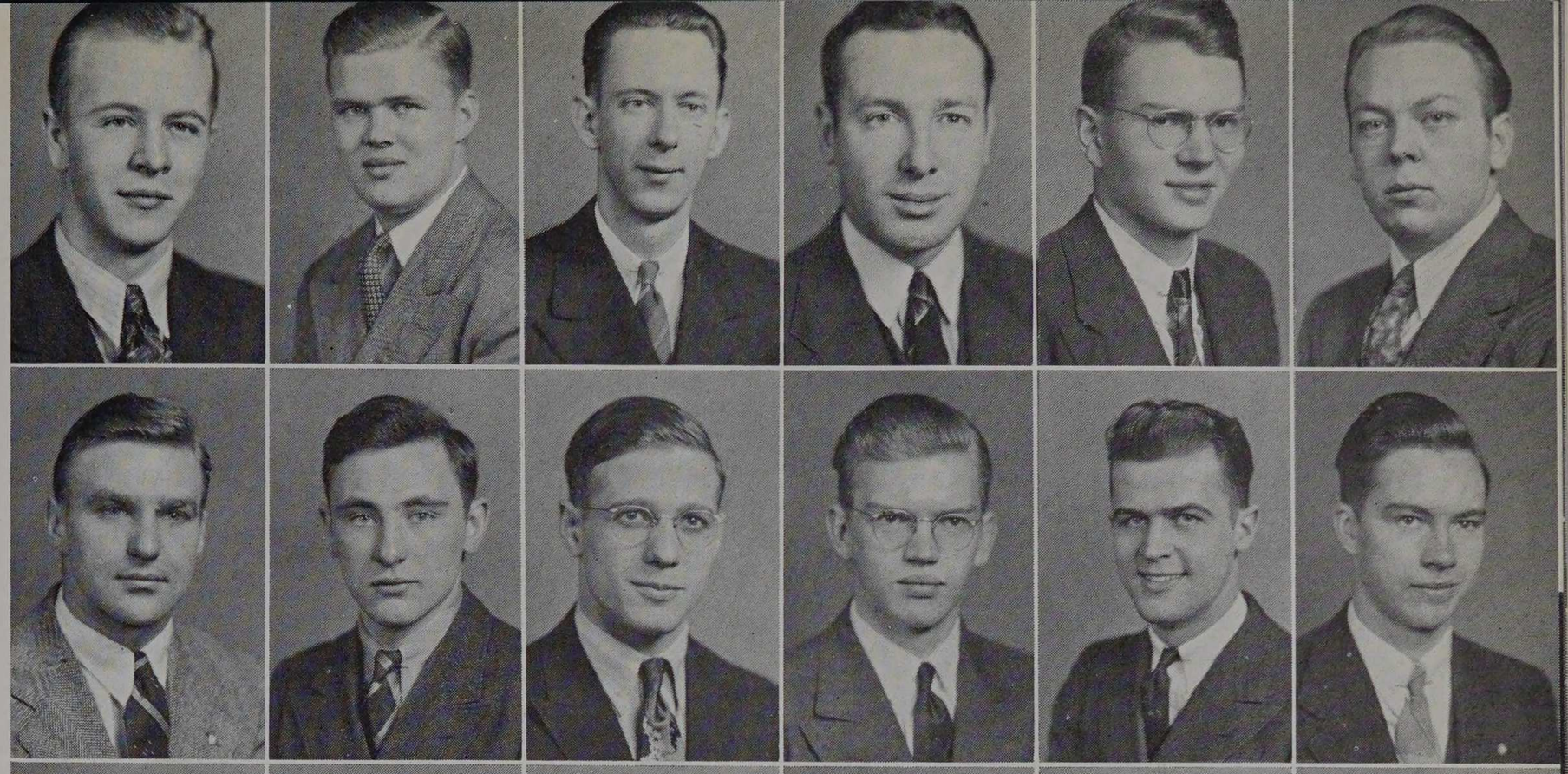
PLEDGES

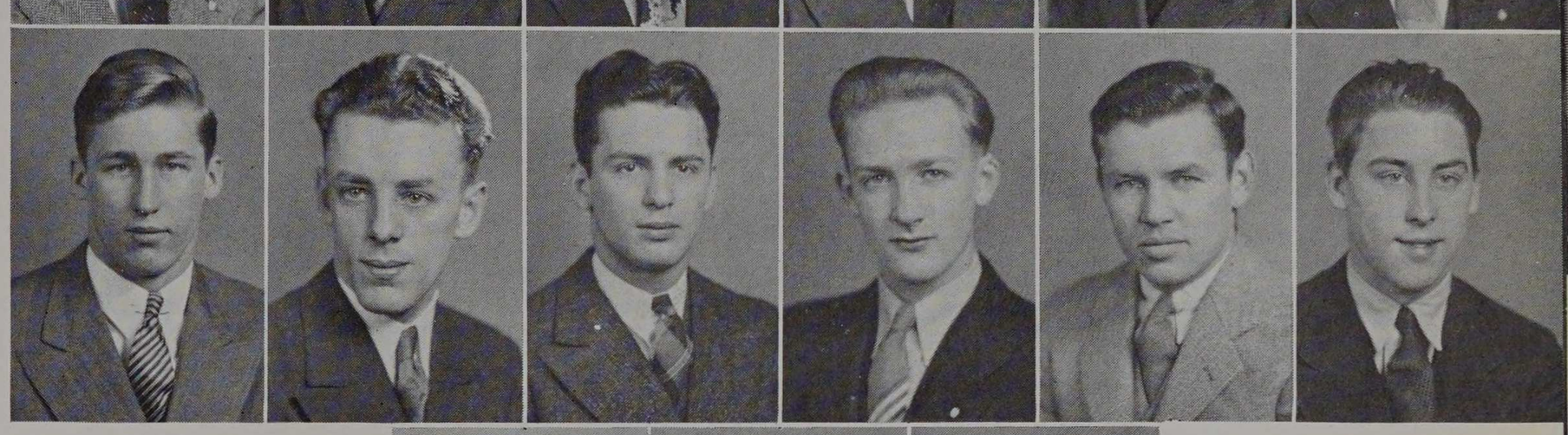
Lou Duda

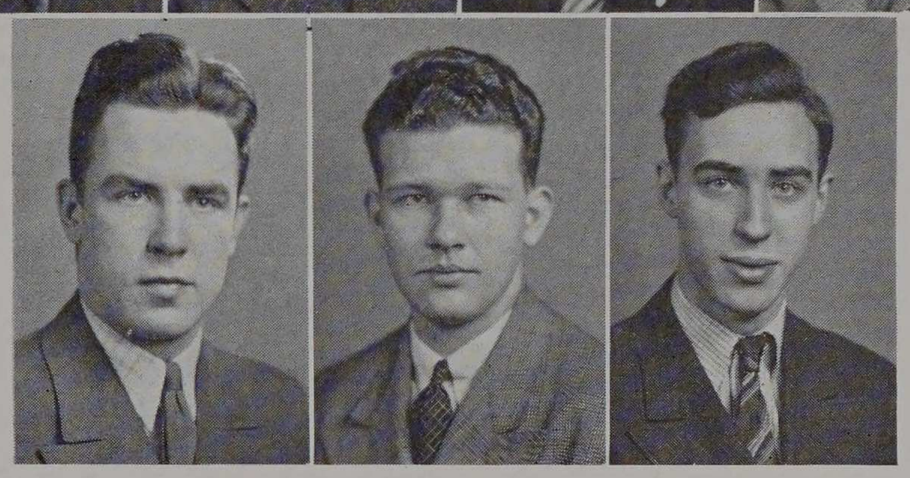
John Elwood
Robert Piepenbrink

Fred Johnson

Anthon
Backman
Caldwell
Collier
Colant
DeMent
Duda
Elwood
Harrison
Henderson
Huxhold
Johnson
Larsen
Main
Malleris
Piepenbrink
Platz
Plengey
Shaw
Vandekieft
Virtue







Phi Pi Phi was founded in Chicago in 1915 by four college graduates. The original intention was that the fraternity should be a graduate organization. The society retained its graduate standing until 1923, when the first undergraduate chapter was formed at Northwestern University. After Phi Pi Phi became an undergraduate social fraternity, it expanded carefully. Many of the new chapters were long established locally, and had a solid foundation along with campus traditions of their own. Some of these chapters had been in existence for thirty years before receiving their charter.

Four officers of the national council of the fraternity, elected by the biennial national convention, conduct the administrative affairs of the organization. The executive office is located in Chicago, the birthplace of the fraternity. The Interfraternity Conference, in 1924, elected Phi Pi Phi to a junior membership and in 1929 made it a senior member. The chapter roll now numbers twenty chapters.

CHAPTER ROLL

Alpha . . . . . Northwestern University

Beta . . . . . University of Chicago

Gamma . . . . . Armour Institute of Technology

Delta . . . . . University of Illinois

Epsilon . . . . . Washburn College

Zeta . . . . . University of Wisconsin

Eta . . . . . University of Utah

Theta . . . . . University of California

Iota . . . . . Washington and Jefferson

Lambda . . . . . Case School of Applied Science

Mu . . . . . Baldwin-Wallace College

Nu . . . . . Westminster, New Wilmington

Xi . . . . . North Carolina State College

Omicron . . . . . University of Mississippi

Pi . . . . . University of South Carolina

Rho . . . . . St. Lawrence University

Sigma . . . . . Pennsylvania State College

Tau . . . . . University of Tennessee

Upsilon . . . . . Oregon State College

Phi . . . . . Purdue University





Two years after the founding of Beta Phi in 1911 at the University of Chicago, a charter was granted by that organization to an Armour society. This chapter had many successful years at Armour, even after the collapse of the national organization during the war. Despite this success the members desired the advantages of a national organization. In 1923 Phi Pi Phi granted a charter to the local organization, thus making it Gamma Chapter of that national fraternity.



OFFICERS

First Semester		Second Semester
I. Erwin Schlifke	Prior	Robert S. Kohn
Alan Levenberg	Secretary	Robert Abrahamson
Robert S. Kohn	Treasurer	Robert Barrett

1909

SIGMA ALPHA MU

FACULTY

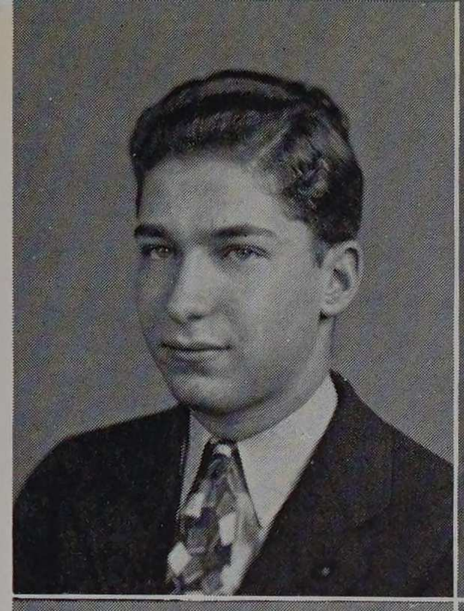
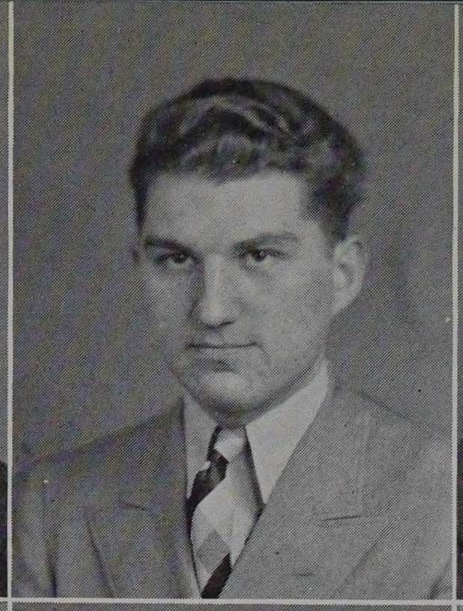
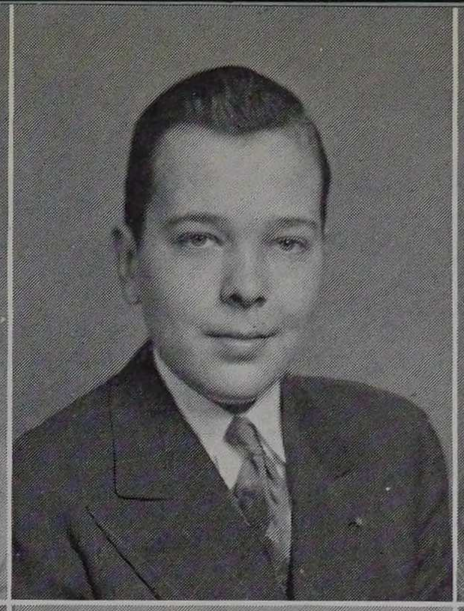
Norman Schrieber

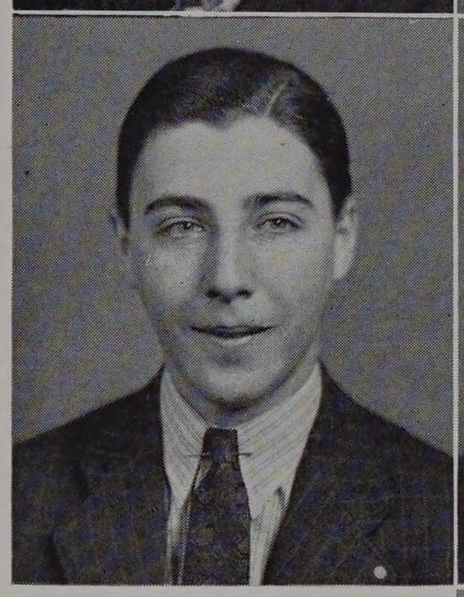
Herbert Kriesman

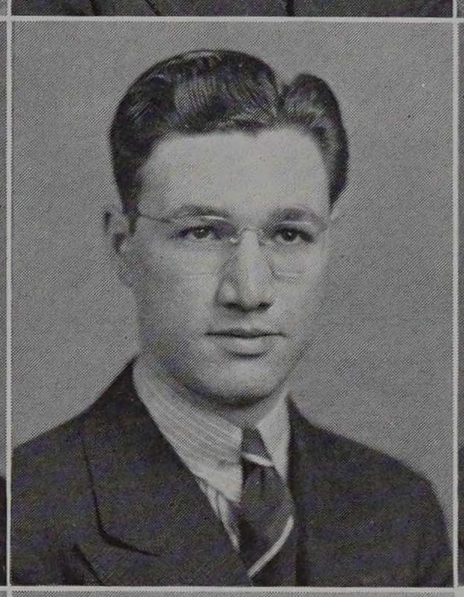
ACTIVE MEMBERS

I. Erwin Schlifke	Harold Fisher	Robert S. Kohn
Robert Abrahamson	Charles Iker	Robert Barrett
Paul Mayer	Seymour Saperstein	Bernard Cooper
Gerhard Hollander	Marvin Skoller	Harvey Korshak
	Alan Levenberg	

Abrahamson
Barrett
Cooper
Fisher
Hollander
Kohn
Korshak
Levenberg
Saperstein
Schlifke








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.

OFFICERS

First Semester		Second Semester
Edward X. Morris	President	Edward X. Morris
Louis S. Jacobs	Vice-President	Louis S. Jacobs
Robert I. Jaffee	Treasurer	Robert I. Jaffee
Sidney S. Silverman	Recording Secretary	Sidney S. Silverman
Leon S. Epstein	Corresponding Secretary	Leon S. Epstein
Sam C. Spencer	Social Chairman	Sam C. Spencer

1919

RHO DELTA RHO

FACULTY

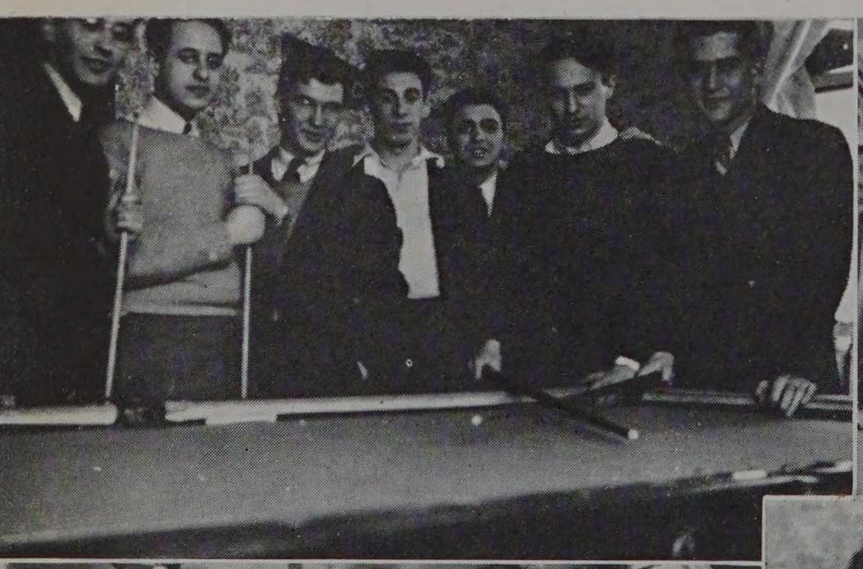
Henry L. Nachman Ernest Freireich Bernard Weissman Robert M. Levy

ACTIVE MEMBERS

Max Ephraim, Jr.
Irving M. Footlik
Sam C. Spencer
Julius G. Mirotsnic
Sidney S. Silverman
John H. Alschuler
Sandford M. Linick
Julian Grombacher
Edward X. Morris
Jack I. Cohen
Leon S. Epstein
Bernard R. Sternfeld
Harry Levinson
Ernest M. Mandel
Robert I. Jaffee
Harvey Rothenberg
Joseph Heller
Louis S. Jacobs
Frank Miller
Marshall Salzman
Arthur Welsch

PLEDGES

Morris W. Blackstone
Earl Bluestein
Bennet Edelman
Jack E. Davis
Bernard Ellis
Norton Ferber
Allan Hersh
Jerome D. Pinsky
Benjamin P. Levin
Harold H. Park
Howard Jarmy

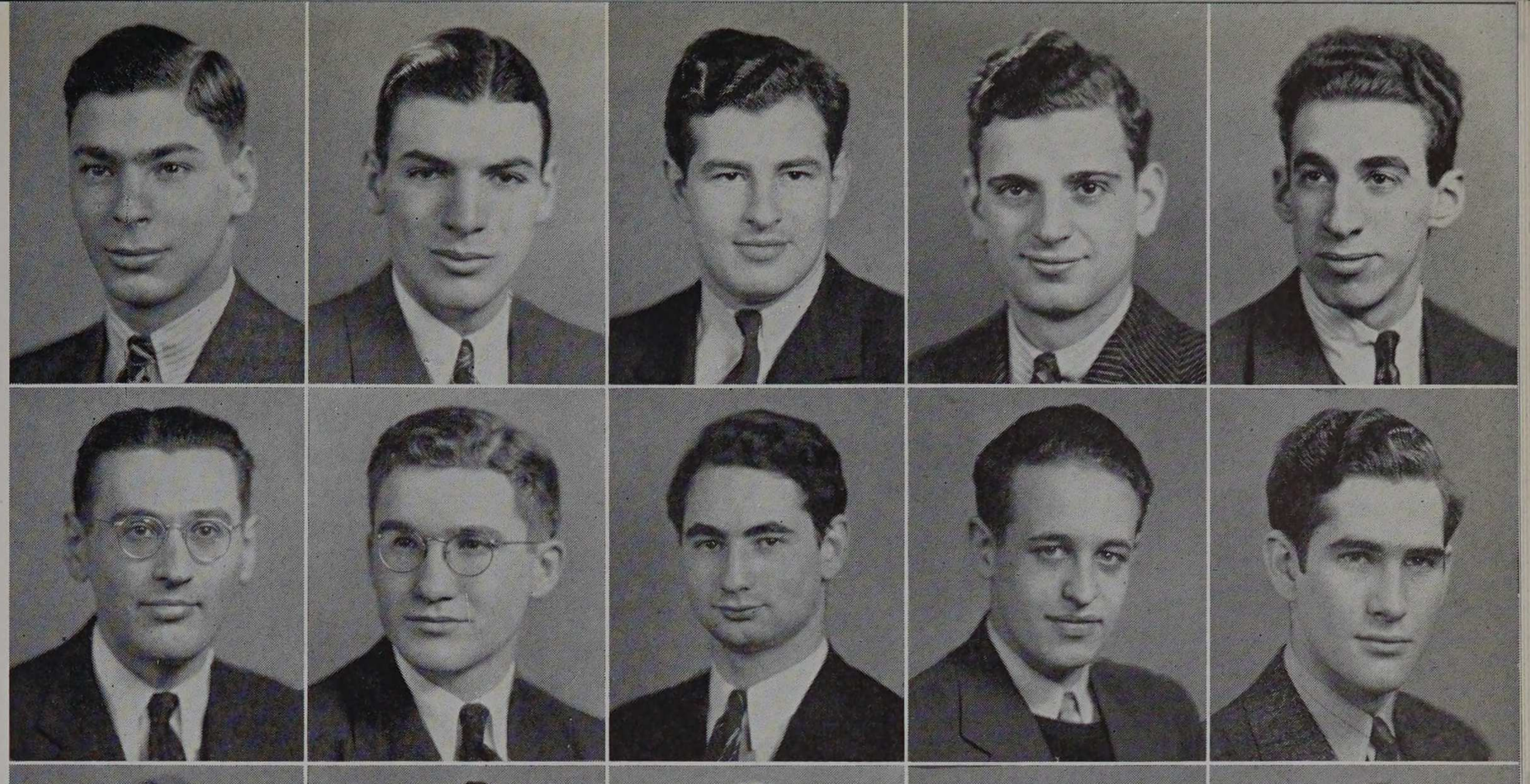


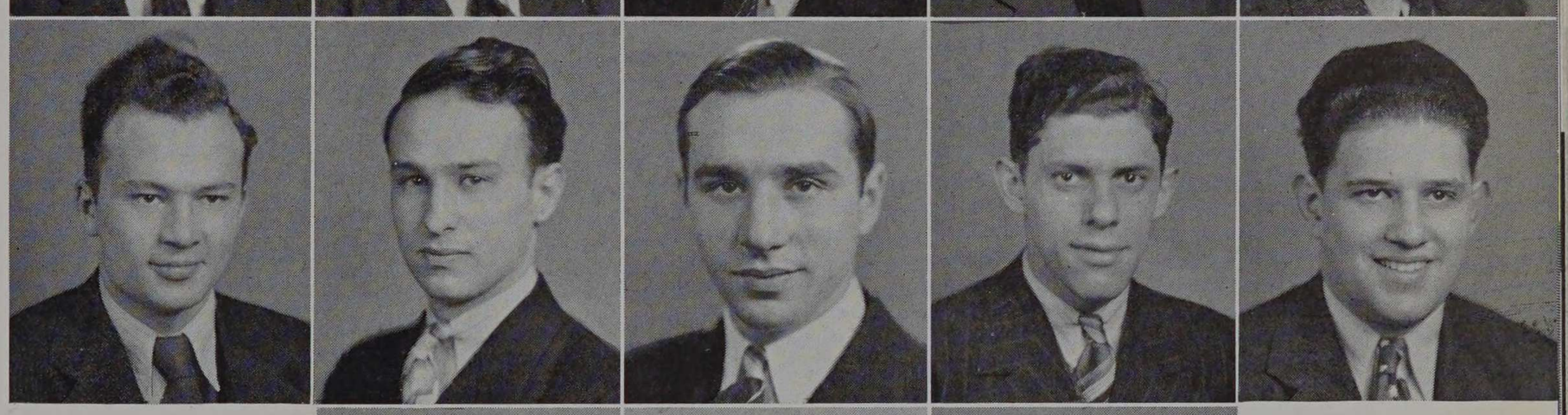






Alschuler
Ephraim
Epstein
Footlik
Grombacher
Heller
Jaffee
Levinson
Linick
Mandel
Meratanic
Miller
Morris
Pinsky
Salzman
Silverman
Spencer
Sternfeld







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.

OFFICERS

First Semester		Second Semester
Don C. Rogge	President	Don C. Rogge
E. J. Loutzenheiser	Vice-President	E. J. Loutzenheiser
James E. Reuter	Recording Secretary	James E. Reuter
Robert Graham	Corresponding Secretary	Fred W. Neubauer
William Penn	Treasurer	William Penn

1907

TRIANGLE

FACULTY

Philip C. Huntly — Sholto M. Spears — Robert M. Lundberg — William F. McCaughey
Charles A. Tibbals

ACTIVE MEMBERS

Howard R. Coyle	Robert Graham	John T. Kirkland	George E. Frost
William Penn	Bruce H. Lundgren	George N. Miles	Henry S. Mirrow
Frank Kaman	E. J. Loutzenheizer	Arthur W. Duree	Robert McMahon
George P. Hanna	Don C. Rogge	John P. Nicholson	James E. Wideman
James E. Reuter	John W. Cultra	Fred W. Neubauer	Robert C. Ericson
Robert Sweeney	Vern J. Hassel	Robert P. Young	Francis E. Wilts

PLEDGES

Lloyd Adams	James Barnabee	Lawrence Beeby	Harry Quandee
Edgar Clark	Lehman Emmons	Frank Hasse	Frank Rossing
William Hayford	Eugene Irwin	John Balsewick	William Simonini
Perry McAllister	Charles McMackin	Harold Johnson	John Wood
Claud Penn	Louis Piper	Robert Millar	



Adams
Balsewick
Barnahee
Beeby
Clark
Coyle
Emmans
Frost
Hanna
Irivin
Johnson
Kaman
Kirkland
Loutzenheiser
Lundgren
McAllister
McMachen
McMahon
Miles
Neubauer
Nicholson
Penn
Piper
Quandee
Reuter
Rogge
Simonini
Sweeney
Wideman
Wood
Young



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 is the sole 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.

OFFICERS

First Semester		Second Semester
Raymond A. Dodge	Archon	Paul M. Hoffman
F. J. Heidenreich, Jr.	Treasurer	F. J. Heidenreich, Jr.
Robert B. Maxwell, Jr.	Secretary	Robert B. Maxwell, Jr.
William B. Buckman	Historian	Elmer A. Matson
Edward V. Malela	Chaplain	John E. Sauvage
Roy B. Burman	Warden	H. F. Heidenreich

1904

PI KAPPA PHI

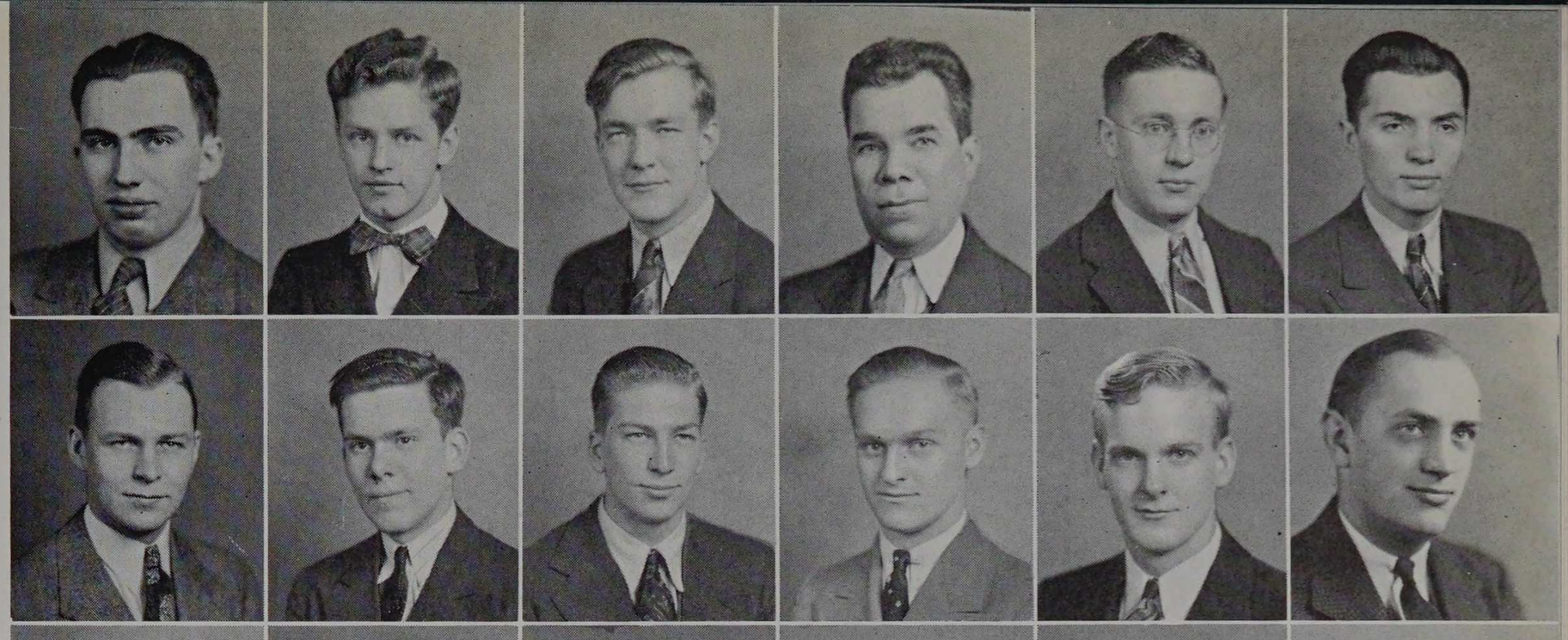
FACULTY

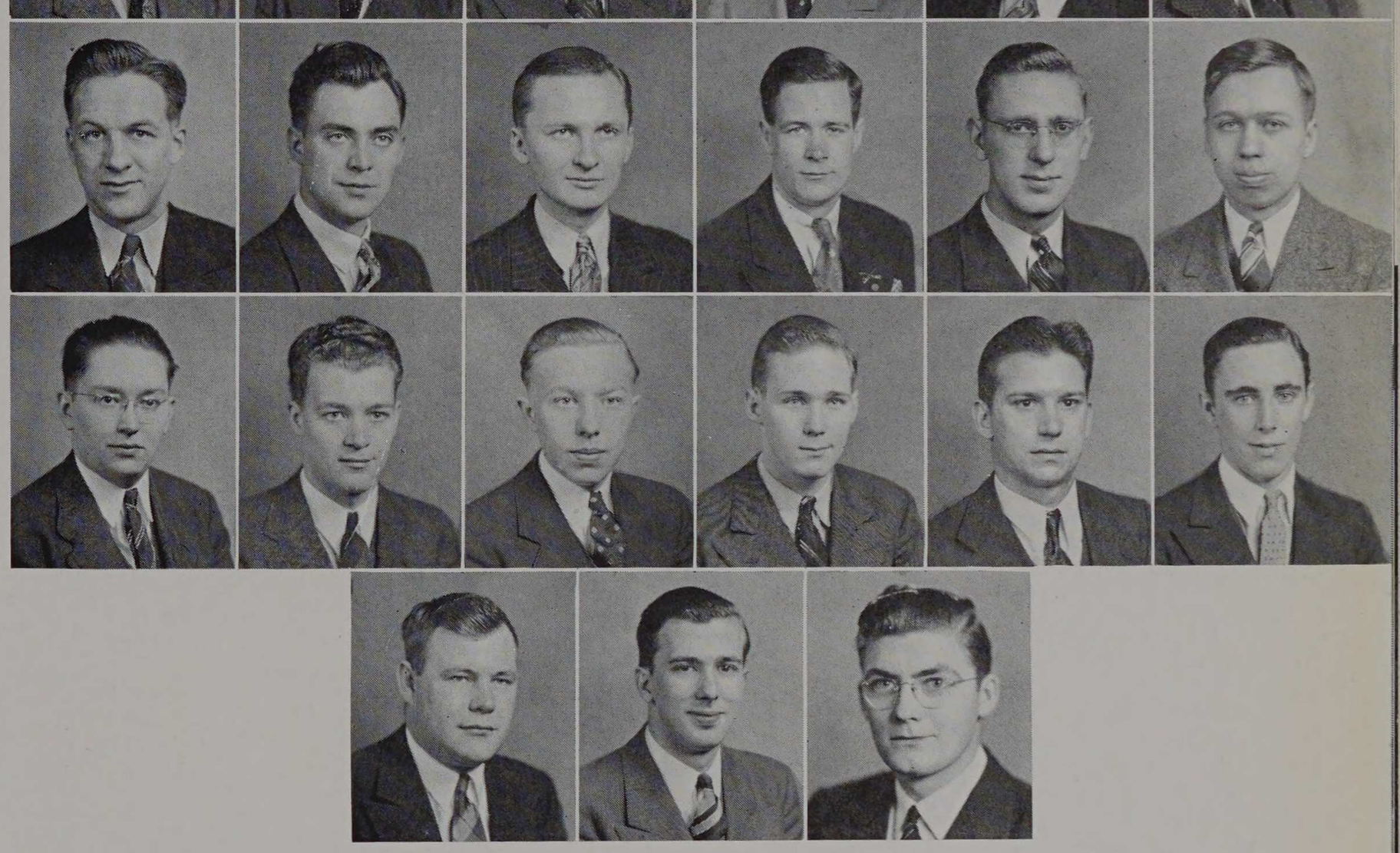
Samuel F. Bibb	John F. Mangold	William Setterberg

ACTIVE MEMBERS

William Buchman	Julian C. Chaderton	Cecil F. Gullett
Robert A. Windblad	Roy Brinkman, Jr.	Paul M. Hoffman
Oliver N. Dickeroff	John R. Gerhardt	Roy B. Burman
Clarence Laskowski	Robert B. Maxwell	Elmer A. Matson
Frank E. Slavin	Albert F. Bujan	Harold J. Pavel
F. J. Heidenreich, Jr.	Edward V. Malela	Raymond A. Dodge
Donald R. Olinger	Robert N. Johnson	Robert Y. Newling
Ralph J. Schmal	Edward W. Schmidt	John Sauvage
Martin W. Kaegal	Vladimir Filko	H. F. Heidenreich
John R. Freedain	Herbert M. Hansen	Carl Franz
George Hoff	Edson Loftus	Richard C. Harper
John G. Brubaker	Merle W. Dargel	Norman Pederson
	Victor W. Schellschmidt	

Buckman
Bujan
Burman
Chaderton
Dickerhoof
Franz
Freedain
Hansen
Harper
Heidenreich, F.
Heidenreich, H.
Hoffman
Johnson
Kroegil
Lashawski
Loftus
Malela
Matson
Maxwell
Olinger
Pavel
Sauvage
Schellschmidt
Schmal
Schmidt
Slavin
Winblad



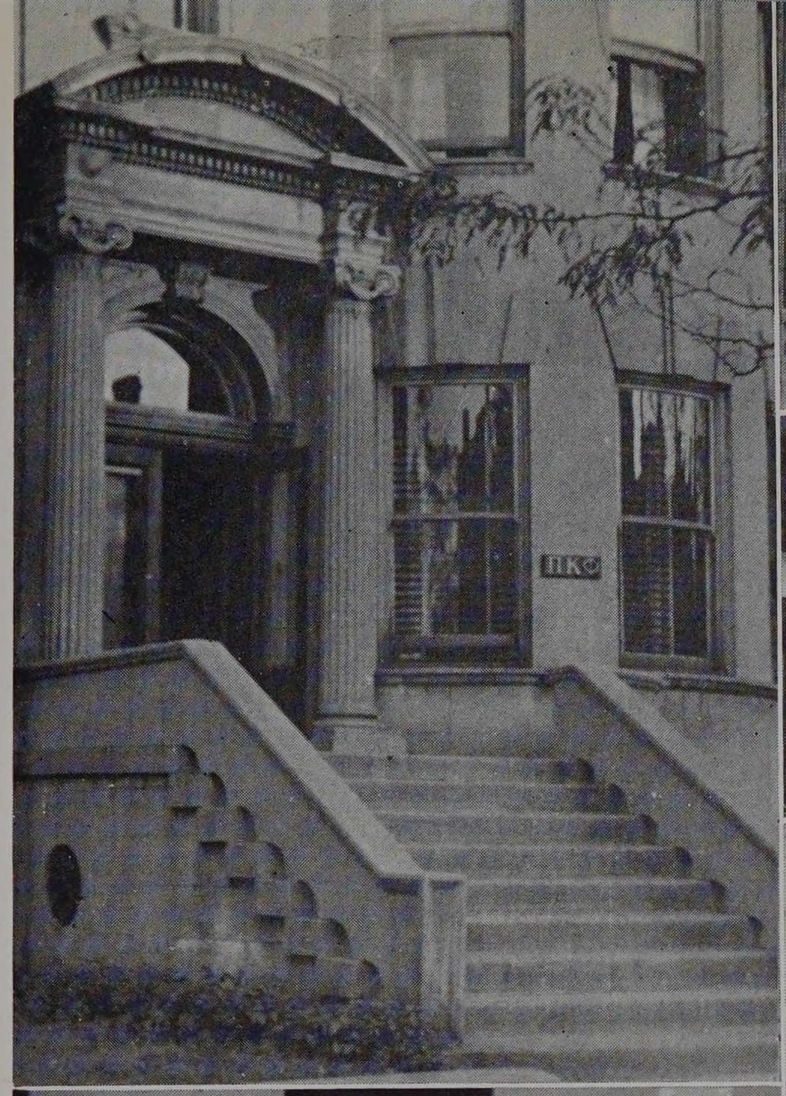


Pi Kappa Phi came into being on December 10, 1904, at the College of Charleston, South Carolina. The foundation for the fraternity was so securely laid that of all the fraternities founded in South Carolina, Pi Kappa Phi alone survived. Rigid anti-fraternity legislation in that state made very unfavorable 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.

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

With the "Pi Kaps"















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.

ARMOUR ALUMNI ASSOCIATION

Tradition established the rule that graduates from a school do not leave their alma mater behind them. For this reason alumni associations have been formed all over the country. Armour has long lived up to the tradition.

Membership in Armour's Alumni Association is open to graduates, those who take advanced degrees, and any student who takes one year in the regular four year course. Active membership is maintained by payment of annual dues, non-paying members holding associate memberships.

One of the most important functions of the association is publishing the "Engineer and Alumnus," boasting a circulation of over 20,000. Few students realize the tremendous value of this magazine in acquainting the country with Armour. It is sent to all paying alumni and many industrial leaders as well. This spreads Armour's reputation all over the land.

Another valuable function is the keeping of a student loan fund from the sale of life memberships in the association. Senior students may borrow from the fund in case of need.

Placement records of each graduate are kept by the association to aid in getting jobs. This placement service lasts for life and is given free of charge. Records are also kept of the addresses and activities of the graduates for publication in the "Engineer." In this way the alumni are always held together by a natural, friendly bond.

OFFICERS

John J. Schommer, '12 . . . . . President
J. Warren McCaffery, '22 . . . . . Vice-President
William N. Setterberg, '29 . . . . . Secretary-Treasurer

BOARD OF MANAGERS

William F. Sims . . . . . E. E. '97
Philip Harrington . . . . . E. E. '06
E. F. Pohlman . . . . . Ch. E. '10
Claude A. Knuepfer . . . . . C. E. '15
Clinton E. Stryker . . . . . E. E. '17
Eugene Voita . . . . . Arch. '25
Arthur H. Jens . . . . . F. P. E. '31
Harvey C. Rossing . . . . . C. E. '32

THE FACULTY CLUB

OFFICERS

James S. Thompson . . . . . President
Walter Hendricks . . . . . First Vice-President
William N. Setterberg . . . . . Second Vice-President
Carl G. Anderson . . . . . Secretary
Arthur W. Sear . . . . . Treasurer



For a good many years, the members of the faculty have been united in the Faculty Club. Located in the southwest corner of the Union building, the club provides a place for Armour's professors to relax in their spare moments. Open periods, lunch hours and afternoons find the club well filled with men, enjoying a friendly game of bridge or billiards, reading their favorite magazines, or just talking things over.

When the Union was being remodeled the faculty club did its part by purchasing the pine boards with which to finish off the walls of the new faculty grill. This attractive room provides the ideal place to entertain men who come as visitors to Armour. The club itself is walled with oak planks, giving it a distinguished appearance akin to that of an old English meeting place, but lending, at the same time, the intellectual touch.

A. S. M. E.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS



Row 1: Pfeffer, Kosciuch, Mueller, Stimpfl, Schwartz, Footlik, Landow, Ephraim, Fridstein, Schlifke, Derrig, Erisman.

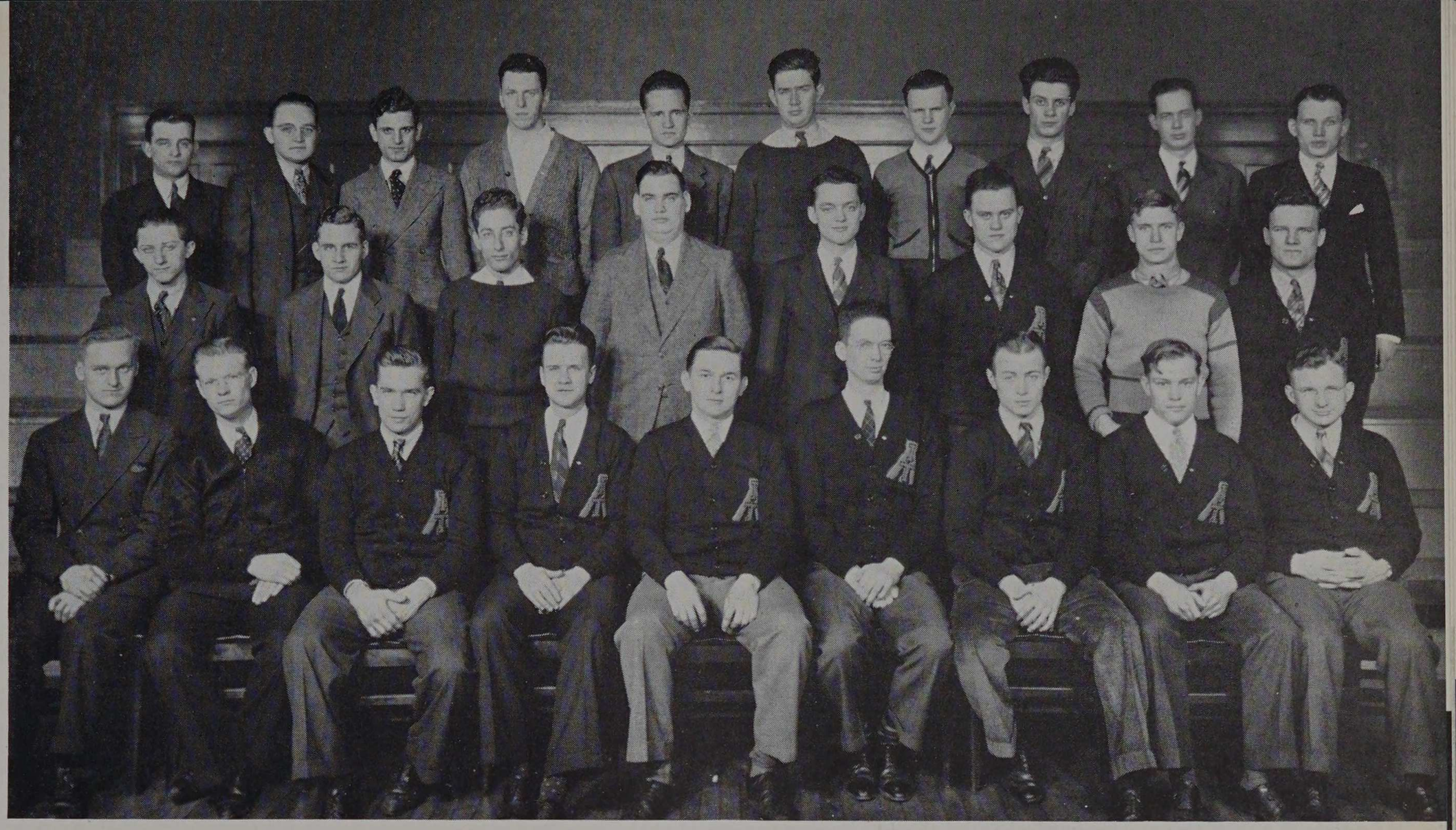
Row 2: Ahlstromer, Jahnke, Young, Gromak, Winkler, Lewis, Ettinger, Van Alsburg, Wagner, Eulo, Kohn, Stefansky.

Row 3: Grote, Mashinter, Galandak, Sternfeld, Russnak, Holle, Shaw, Bartlett, Clark, Chapman, Wolniak, Risany, Francone.

Row 4: Arndt, Otrembiak, Yeager, Doane, Scott, Balis, Catlin, Waszczyk, Sullivant, Wolfe, Smessaert, Dickerhoff, Rice.

OFFICERS

President	Paul K. Henriksen
Vice-President	Harry C. Soukup
Secretary	Joseph J. Janicek
Treasurer	Bernard W. Bernstrom
Honorary Chairman	Prof. Henry L. Nachman



Row 1: Heidenreich, Johnson, Wilms, Kleinwachter, Kucera, Woods, Olsen, Beckman, Blaida.
Row 2: Kosciuch, Wiseguy, Heller, Bullen, Krantz, Ruhe, Hering, Zalewa.
Row 3: Soukup, Bartlett, Footlik, Chapman, Giovan, Janke, Chubinski, Oswald, Johannison, Larinoff.

A new record for membership enrollment was enjoyed by the Armour branch of the American Society of Mechanical Engineers this year. The exceptional increase of membership has placed the Armour branch as the second largest in the United States.

Regularly throughout the year bi-monthly meetings were held with a marked, large student participation in the activities. The programs consisted of talks by outside speakers, movies, and slides, and were prepared carefully with a view to bringing before the organization the outstanding men and material on subjects which would prove both valuable and interesting to the entire membership.

Row 1: Colant, Kroll, Winston, Oswald, Janicek, Soukup, Henriksen, Bernstrom, Huntly, Barale, Giovan, Grabacki.
Row 2: Niems, Sauvage, Sitko, Reimer, Druschitz, Bartusek, Hansen, Klamczynski, Crego, Griesbach, Swineford.
Row 3: Gaebler, Hermanovich, Young, Miller, Obergfell, Kramer, Urbaniak, Minieka, Toth, Perry, Winblad.



A. I. E. E.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS



Row 1: Heller, Bleaden, Johnson, Basic, Herdman, Maze, Horn, Damm.
Row 2: Camras, Ellin, Frost, Veras, Hartman, Grunwald, Ramp, Shaver.
Row 3: Michka, Nader, Cohen, Revter, ToeLaer, Rosenthal, Malleris, Rehwaldt.

OFFICERS

President	A. M. Zarem
Vice-President	W. Kurtz
Secretary	R. Kotal
Treasurer	E. Osterberg
Faculty Advisor	Prof. Freeman

The first meeting was held with the intention of forming committees so that the activities of the society could be as enthusiastically pursued this year as in previous years.

The annual smoker was held November 2, 1938, in the Electrical Lecture Room. The chief speaker of the evening was Dr. Reed, a new member of the electrical engineering department. The discussion was made interesting mainly because Dr. Reed related his own experiences in connection with the topic, "Generating Stations." The remainder of the evening was spent in a lighter vein, featuring a Monte Carlo party.



Row 1: Kotal, Strocchia, Quarnstrom, Chevalley, Freeman, Hebson, Ropek, Brewster, Kurtz, Osterberg.
Row 2: Marik, Zarem, Kasper, Daniel, McCormack, Lorenzen, Bush, Terp, Gregory, Wooding.

At the third meeting of the society, Mr. H. T. Trenary, of General Electric, gave a very educational lecture on "Industrial Uses of X-Ray Equipment."

The rest of the semester was as successfully completed as it was so wholeheartedly started. It was constantly kept in mind to present to the members the best and most varied program possible.

W. S. E.

WESTERN SOCIETY OF ENGINEERS



Row 1: Carlson, Tullgren, Anthon, Spears, Penn, Reh, Hanna, Ratzel, Kirkland, Elgenson.
Row 2: Goetz, Saigh, Collier, Prawdzik, Bugielski, Bock, Bauch, Dailey, O'Neill.
Row 3: Hruda, Ramirez, Neubauer, Fiebig, Jaedtke, Weber, Pedersen, Opila, Mackey.
Row 4: Zimmerman, Hauswald, Johnson, Kotizn, Balsewick, Goluska, Laskowski, Jacobsen, Khanian.

OFFICERS

President	Harold S. Anthon
Vice-President	Carl W. Reh
Secretary	Ernest C. Carlson
Treasurer	Benjamin Kirz
Assistant Secretary	Don J. Saigh
Student Representative	Fred Neubauer
Faculty	John C. Penn

The Armour branch of the Western Society of Engineers has been functioning as the Civil Engineering Society for the past twenty years. However, in 1935, the membership was made open to students of all departments, in keeping with the policy of the parent organization. This served merely as a gesture, because the society has since remained as predominantly Civil as before.

The general program for the year has been, in conjunction with ordinary activities of the society, one of taking steps toward the reorganization into an all-department engineering society. Meetings with representatives of all departments were held and finally, on March 6, 1939, tentative by-laws were approved by these representatives.

A brief outline of these by-laws is as follows:

Membership limited to various engineering societies.

Management by board of managers consisting of two members from each society.

Dues to consist of nominal fees per year levied upon the various engineering societies qualifying all members.

The election of the board of managers will take place upon the complete ratification of the by-laws.

It is not to be thought, however, that the Civils will cease to have an engineering society. The Civil Engineers have received the approval of a petition for a student branch of the American Society of Civil Engineers and expect to carry on their functions through that society.

A. I. CH. E.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS



Row 1: Peterson, Isakson, Morris, Moculeski, Kruse, Rothenberg, Grombacher, Johnson, Buckman, Kester.
Row 2: Smith, Foss, Miller, Prehler, Schweitzer, Silverman, Charlton, Flood, Bigos, Dost.
Row 3: Wessels, Hofmann, Wagner, Spengler, Whitley, Kalnin, Newman, Baumann, Ryant, Petri.

OFFICERS

President . . . . . Paul J. Peltier
Vice-President . . . . . Ralph Petri
Treasurer . . . . . Roland B. Boertitz
Assistant Treasurer . . . . . James R. Meyer
Faculty . . . . . Harry McCormack

In 1923 the Armour Chapter of the American Institute of Chemical Engineers was organized with the intention of a closer union among students in the department of chemical engineering and an acquaintanceship of this group with the men practicing the profession. The chapter, the second student branch of the society in existence, has since grown to be a large organization, the present membership consisting of over seventy. The rapid expansion of the organization is due primarily to the efforts of the counsellor, Professor Harry McCormack, whose suggestions and criticisms have formed its foundations.



Row 1: Coyle, Pavel, Dzikowski, Collopy, Keane, Haubert, Peltier, Miller, Wagner.
Row 2: Bjornstad, Pater, Spencer, Malela, Boertitz, Thomas, May, Kazmierowicz.
Row 3: Jaffee, Loutzenheiser, Haedike, Bunce, Heenan, Lyckberg, Gryglas, Minard, Kahl.

The past collegiate year found Beta Chapter, the Armour branch, operating under the same successful standards as were adopted a few years previous.

The officers have found that the students have been materially benefited by a program based mainly upon lectures given by the faculty and capable students. The programs have followed this idea all through the year.

F. P. E. S.

FIRE PROTECTION ENGINEERING SOCIETY



Row 1: Alter, DeMent, Maxwell, Hoffman, Yeakle, Anderson, Jacobson, Finnegan, Ault.
Row 2: Sweeney, Brannick, Hassell, Sunde, Slavin, Speth, Dahl, Willman, Meyer.
Row 3: Greenberg, Knief, Larson, Lange, Hass, Worcester, DeMoney, Mahn, Ely.

OFFICERS

President . . . . . Paul M. Hoffman
Vice-President . . . . . Stephen P. Finnegan
Secretary . . . . . Robert J. Morrison
Treasurer . . . . . Thomas Hunter
Faculty Advisor . . . . . Prof. J. B. Finnegan

The members of the Fire Protection Engineering Society have, during the past year, been treated to a series of lectures which, for interesting features and educational value, surpass any in the history of the society.

By means of this extensive program it is felt that the society has successfully upheld the basic purposes of its formation. These are, namely, that of bringing the members into closer contact with men experienced in the field of fire protection engineering and fire insurance, and of fostering a spirit of fellowship among the students of the department.

The lectures were given by speakers connected with all phases of the field, who presented their views and experiences at the regular bi-monthly meetings of the society. The first speaker of the year was Mr. Kent Parker of the Western Actuarial Bureau. His subject was "Dust Producing Industries and Their Fire Protection." He emphasized the fact that it is secondary explosions in a plant that do the real damage. Therefore, cleanliness is very necessary.

The second guest speaker of the year was Mr. J. T. Babcock. Mr. Babcock, an air conditioning expert for the Western Factory Insurance Association, discussed the hazards of air conditioning as regards the air intakes, air filters, and ducts. He suggested many protective measures for each.

On November 4, 1938, members of the society were treated to an interesting lecture by Mr. Abel Gent, a representative of the Illinois Inspection Bureau. After his discussion on "Town Classification" he displayed all of his equipment, such as pitot tubes, gages, etc.

One of the newer angles in the insurance business was brought to light by Mr. Carl Herbst when he spoke to the society about "Fire Insurance Appraisals." It was interesting to know that a special slide rule is needed in his work.

At the annual smoker held on the night of February 15, in the lounge of the new Student Union, the honor student of the class of '42 was presented with a copy of the Crosby-Fiske-Forster "Handbook of Fire Protection."

ARMOUR ARX



Row 1: Umbright, Moore, Street, Fox, Scherer, Bluestein, Seils, Lenart, Bergmann.

Row 2: Horton, Storz, Center, Stowell, Salzman, Young, Schneider, Przybylski, Dodge.

On March 16 of this year a meeting was held, at which time the members voted to reorganize the Armour Architectural Society. The result, under the new constitution, was that all classes are represented in the governing body. The governing body, the board of control, consists of two men from each class, assisted by a faculty advisor. The original society was organized in 1924.

A. S. C. E.

AMERICAN SOCIETY OF CIVIL ENGINEERS

President . . . . . H. S. Anthon
Vice-President . . . . . C. W. Reh
Secretary . . . . . E. C. Carlson
Treasurer . . . . . B. Kirz
Faculty Advisor . . . . . L. E. Grinter

On November 19, 1939, the Civils decided to petition the American Society of Civil Engineers for a student chapter. This petition was submitted and was approved January 22, 1939. The installation was delayed by unexpected difficulties in the reorganization of the Armour branch of the Western Society of Engineers. Having these difficulties finally cleared up, the Armour student chapter of the American Society of Civil Engineers was installed March 22, 1939.

THE DANCE CLUB

President . . James W. Duncan
Instructor . . . Daniel V. Stone
Orchestra Leader J. Donald Charlton
Faculty Advisor . . Mrs. Orcutt

The formal opening of the club was held December 12, 1939. Instruction of the classes is handled by D. V. Stone. Dances were held in the Student Union with the school dance orchestra providing the background, proving the club to be a decided success.



S. A. M.

SOCIETY FOR THE ADVANCEMENT OF MANAGEMENT

President . . . . . Thomas Collier
Vice-President . . . . . Irving Footlik
Secretary . . . . . John Barale
Treasurer . . . . . Bernard Oswald

In keeping with the trend in engineering schools, Armour Institute of Technology has been continually adding to its curriculum subjects in the field of management. This has created a demand for a society where the students can meet and discuss the problems of management and keep informed as to the progress in the field. It is with this view in mind that a chapter of the Society for the Advancement of Management has been organized.

THE RIFLE CLUB

OFFICERS

President . . . . . William Mashinter
Secretary-Manager . . . . . August Galandak
Treasurer . . . . . Albert Barry
Captain . . . . . Arthur Dempsey
Range Officer . . . . . George Bjornstad
Executive Committee . . . . Edward Dost and Edward Rosenthal



Row 1: Dryer, Miller, Bjornstad, Galandak, Mashinter, Morris, Barry, Dost.
Row 2: Brodsky, Larinoff, Huebner, Jindrich, Hartman, Underhill, Schultz.
Row 3: Dillenbeck, Rosenthal, Zarem, Matthews, Seda, Parkin.

Through the whole-hearted co-operation and enthusiasm of the various members, the Rifle Team had one of its most successful years in its history.

Much of the credit for the Rifle Team record goes to its secretary and manager, Gus Galandak, for his untiring efforts in securing matches.

Top team man in these matches continues to be William Mashinter, who proceeds to greater skill with unerring accuracy. A much improved R. Z. Miller did much to bring up the team's average. One of the greatest losses that the team must suffer will be the graduation of George Bjornstad, whose knowledge of guns, ammunition, and ballistics borders on the professional.

The Club as a whole has grown to enormous proportions and a great deal of responsibilities will be put into its hands in the next season.

THE ARMOUR EYE

OFFICERS

President . . . . . D. Crego
Vice-President . . . . . A. Giovan
Secretary-Treasurer . . . . . R. Grunwald

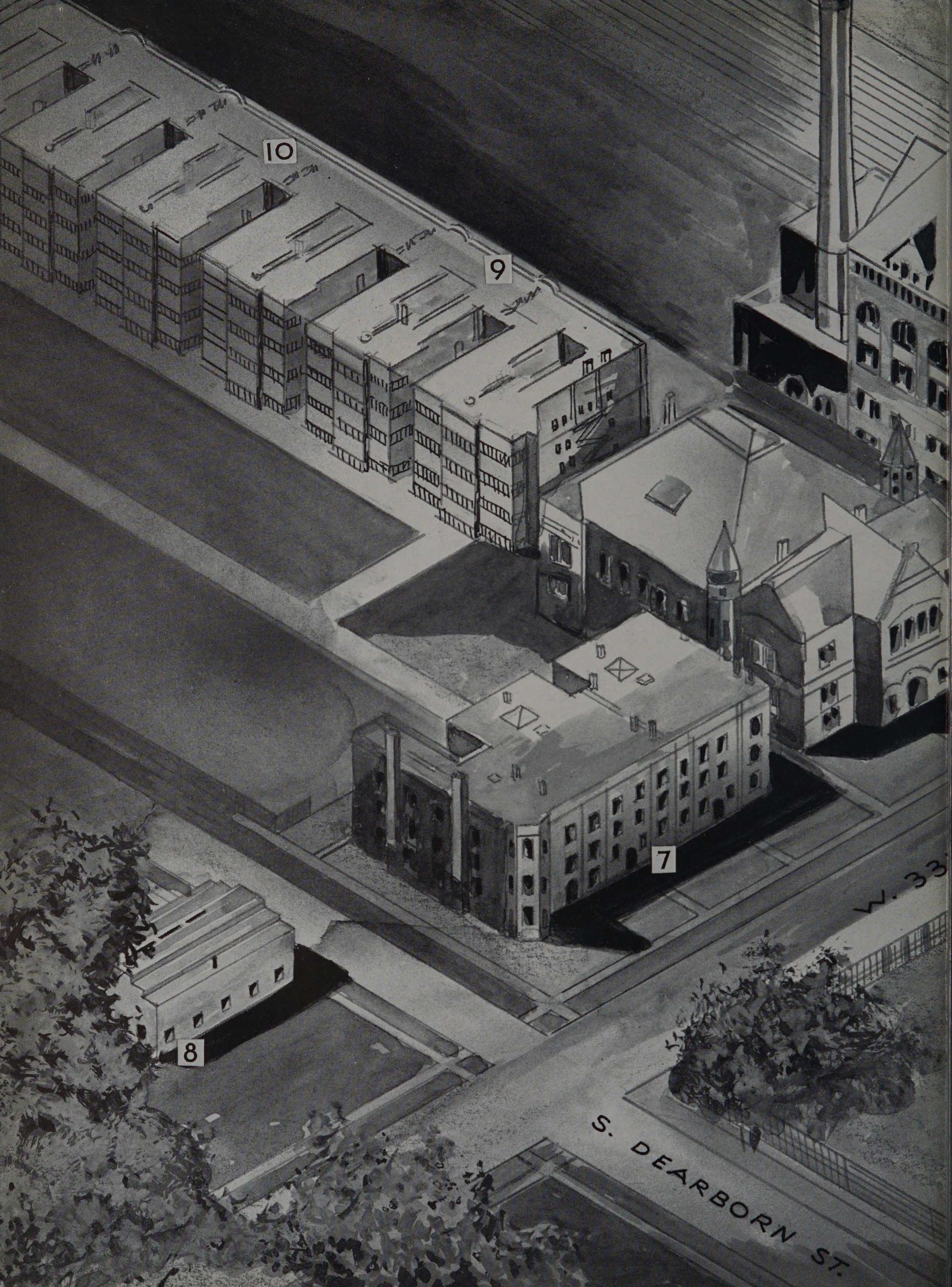


Row 1: Wooding, Landow, Giovan, Hammett, Crego, Grunwald, Bursach.
Row 2: Marik, Barry, Jahnke, Biltgen, Brodsky, Super, Grosse.

The Armour Eye was founded at Armour Institute of Technology on December 16, 1936, by a number of students whose interests and abilities inclined toward the photographic field.

During the past year the club has completed an interesting series of lectures and demonstrations given by men prominent in their field. The lectures were given at monthly meetings, during the evening. Print competitions were held each month among the members and were criticized and judged by one of the lecturers.

An interesting and informative program of activities has been planned for the coming year. Through an increase in equipment and membership, plans are being formulated to have a greater variety of print competitions among the club members and competitions with other similar organizations.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2. Student Union Building
   (Armour Mission)
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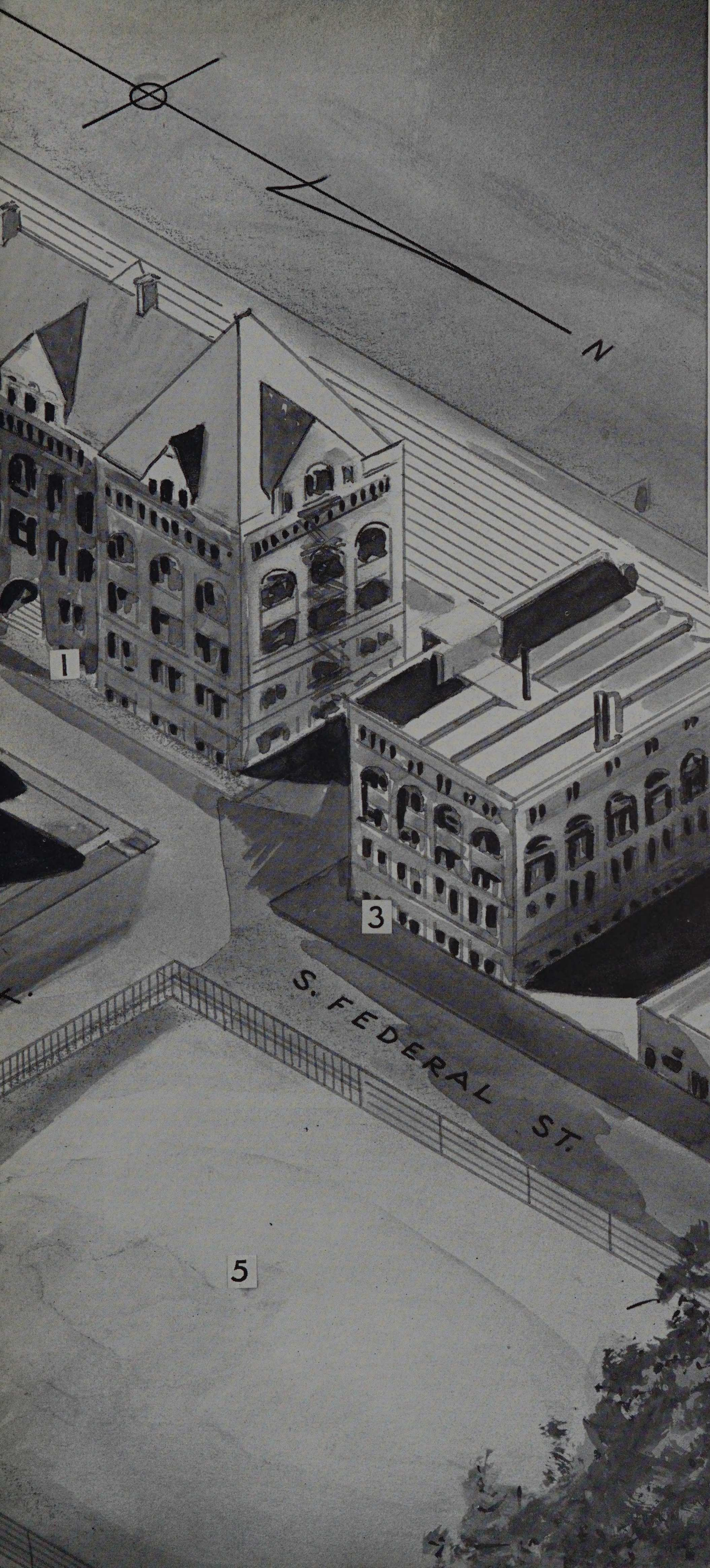
4. Automotive Laboratory
5. Ogden Field
6. Field House
7. Research Building
8. Refrigeration Laboratory
9. Physics Building
10. Chapin Hall



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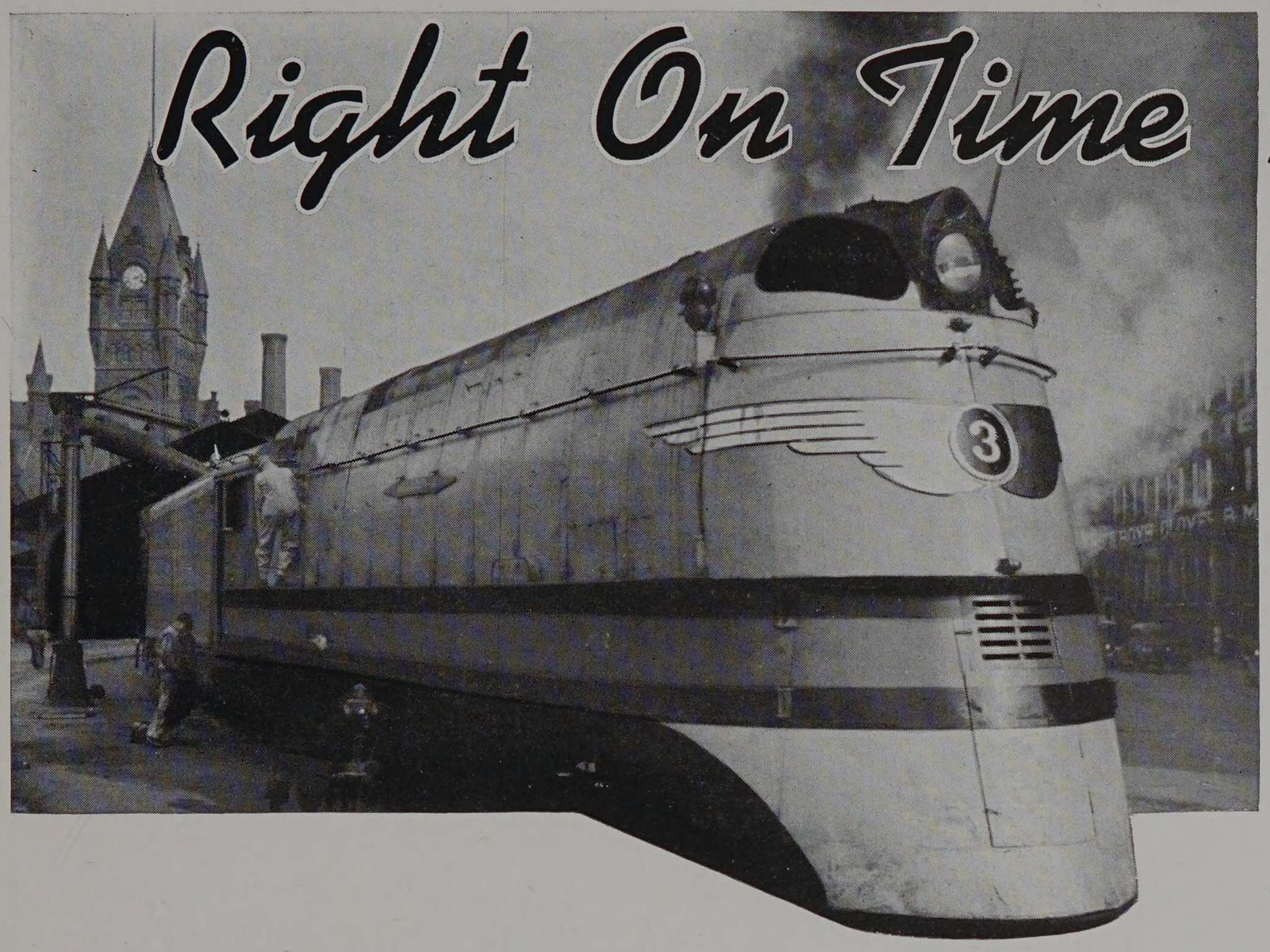

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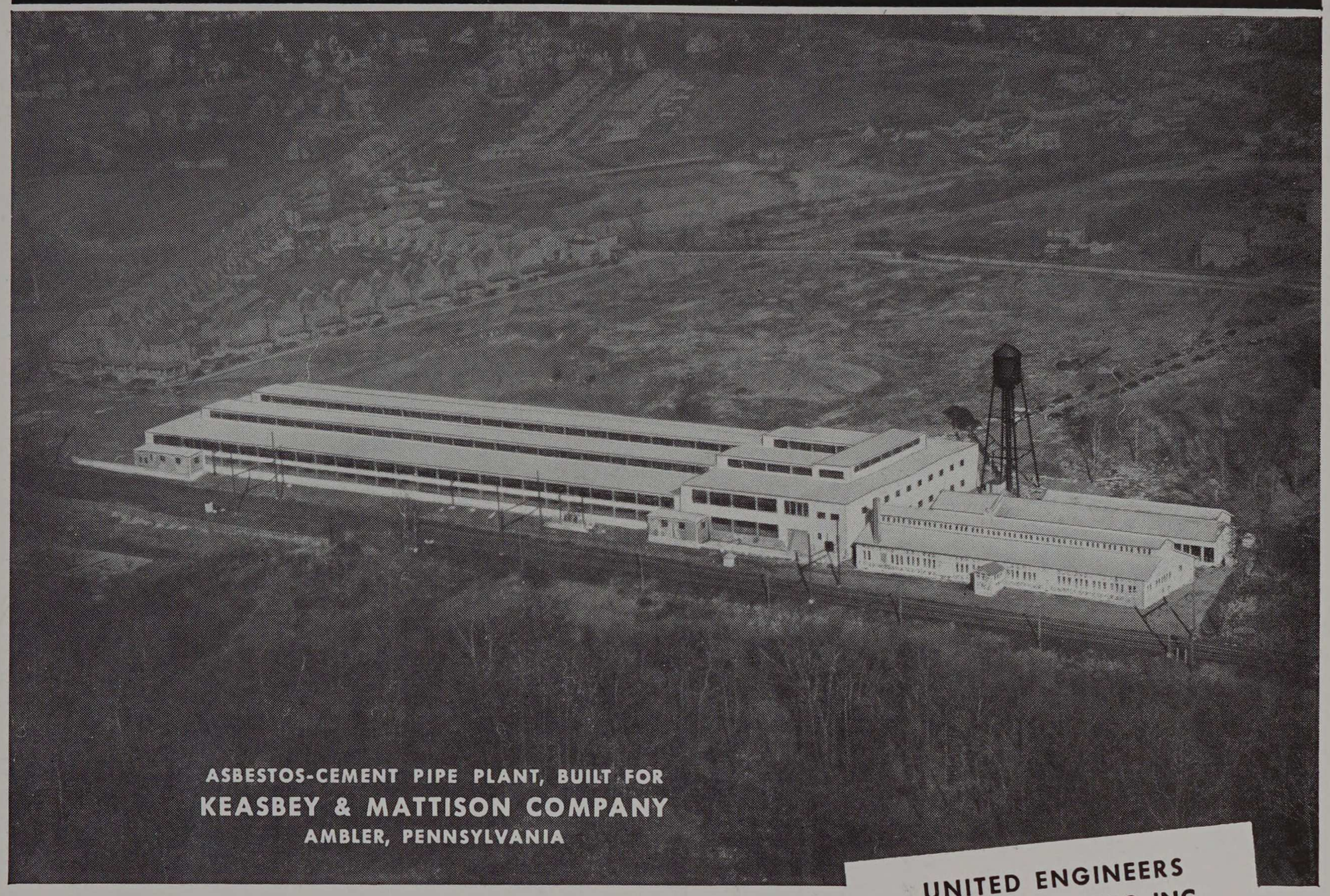

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