THE CYCLE



1923


Ex Libris

For Armour

Gird up our Armour for the fray,
'Gainst foemen worthy of our steel!
May gods of victory this day
Their glory unto us reveal.
No enemy shall us withstand
As we his serried ranks assail,
The might of any alien band
Shall over Armour ne'er prevail!

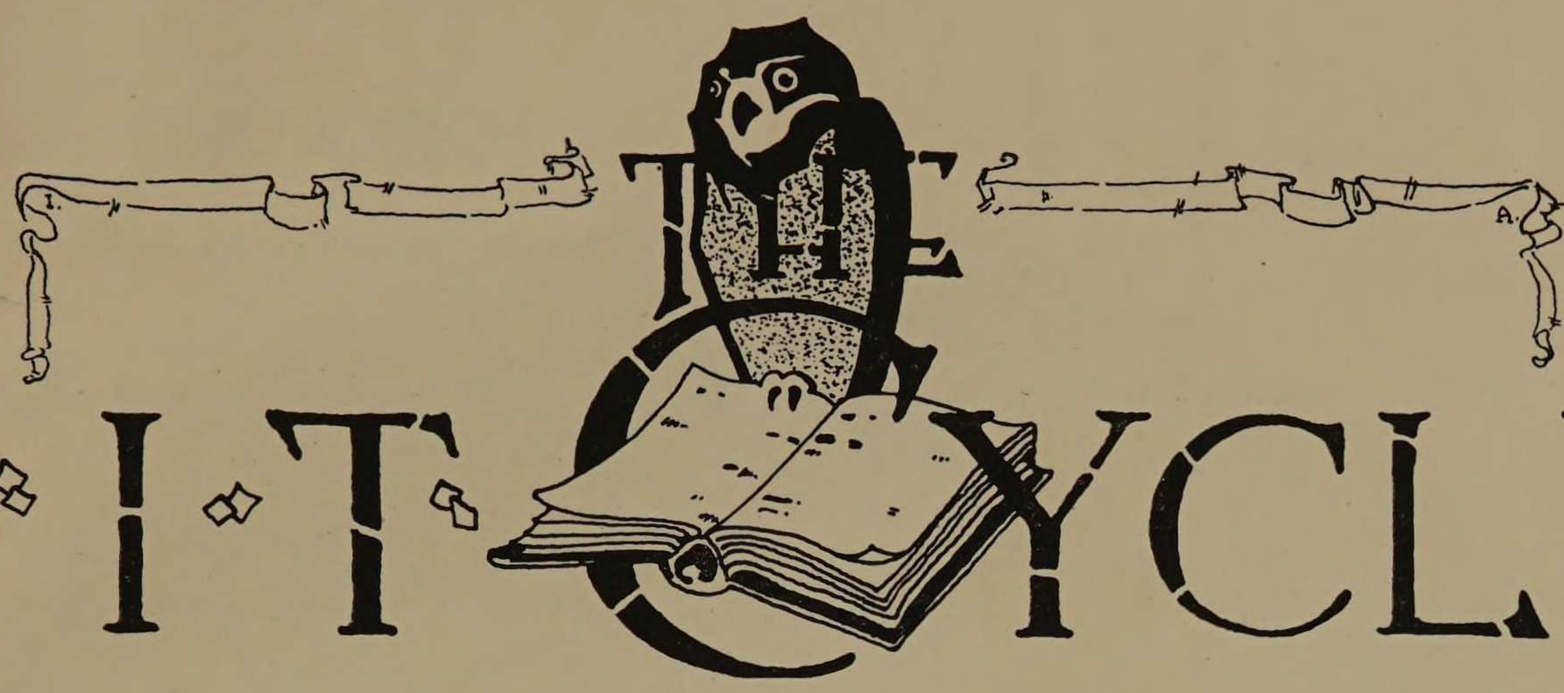
Let fly our banners to the breeze,
Acclaim our heroes with a cheer!
We'll bring the foe on bended knees
To sue for peace to Armour dear.
Fight on, ye valiant Armour men,
With added lustre gild her name,
That ye, thru years of mortal ken,
For Armour win eternal fame!

—Edwin Fraser Gillette, '06.

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1923

CLAUDE A. STIEHL
Editor-in-Chief

GEORGE P. RUDDIMAN
Business Manager



THE ARMOUR TECHNOLOGY CYCLE

1923

Assembled and Published

by

The Class of 1924

of the

Armour

Institute of Technology

Chicago, Illinois

FOREWORD

To give expression to the spirit of the Institute;

To give an accurate, enduring record of the year that has passed;

To bind with lasting associations all who leave with all who remain, and with each other;

And to be a worthy tribute to our Alma Mater;

This, the purpose of the Cycle of 1923

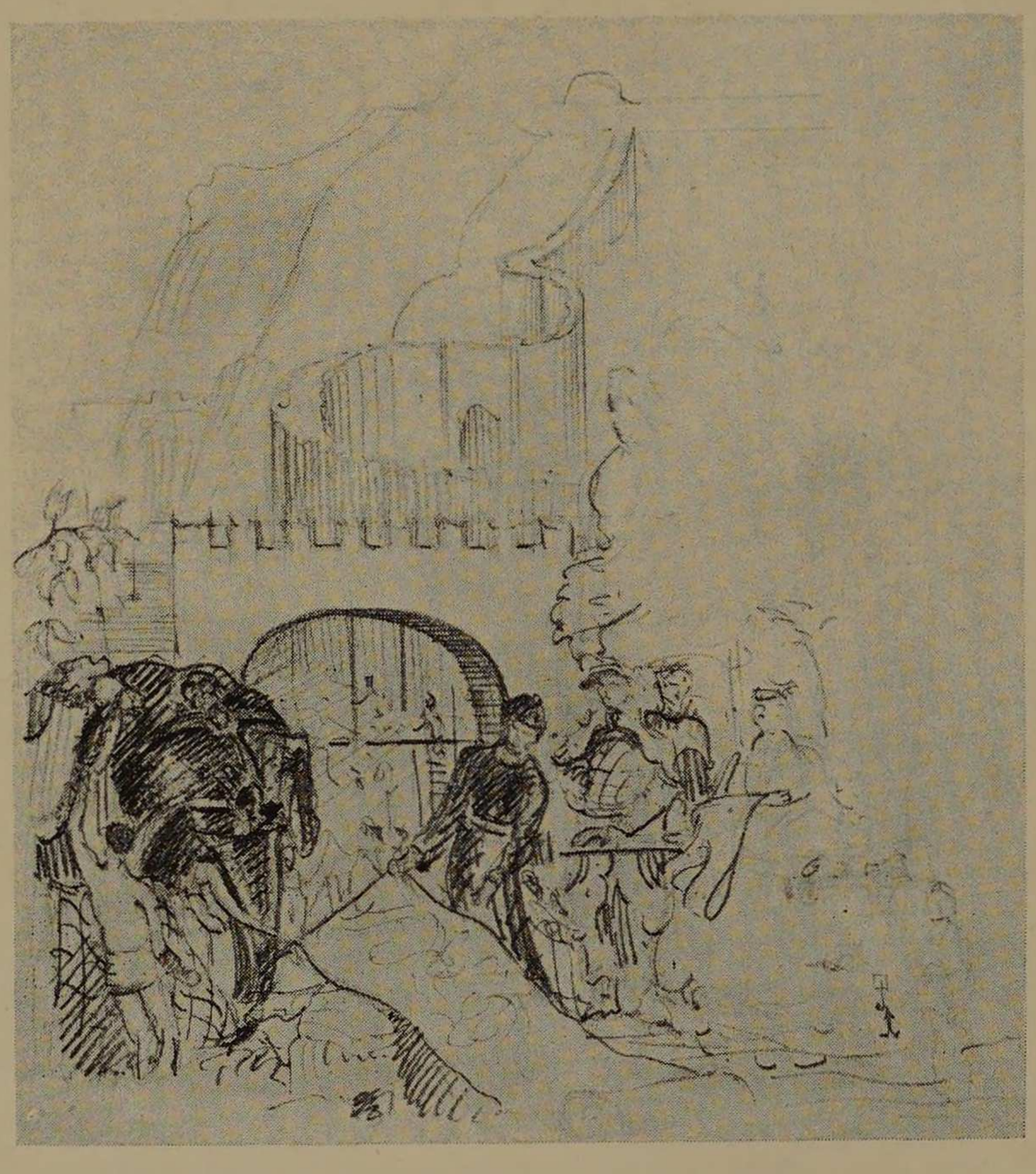




Photo by Bemm

The Building of the Great Wall

Mural, Burnham Library

DEDICATION

To

MR. LESTER ARMOUR,

Trustee

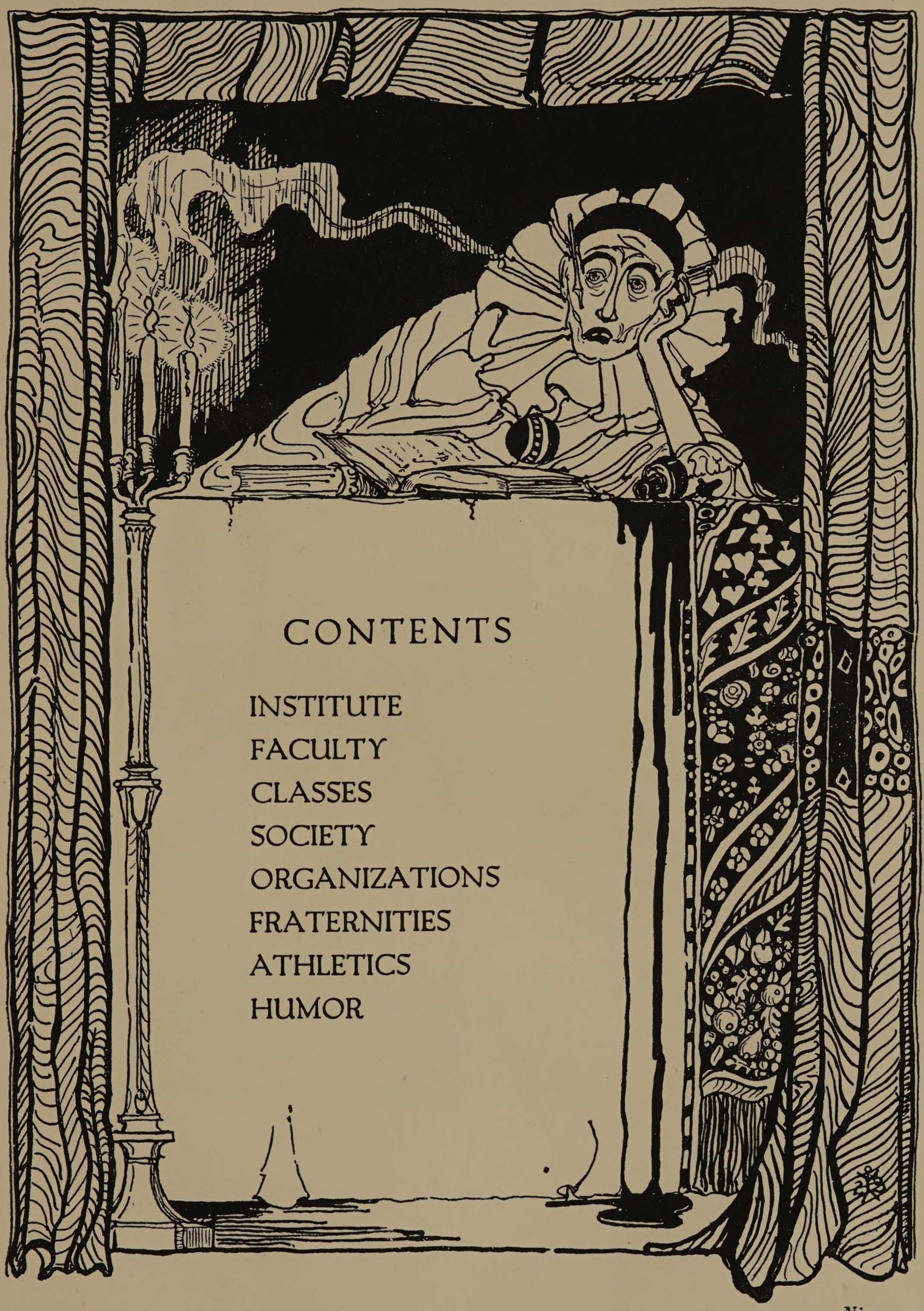
In appreciation of his friendship and sincere interest in the welfare and progress of the students of the Armour Institute of Technology.



In Memoriam

Harold E. Grigg

Class of '26



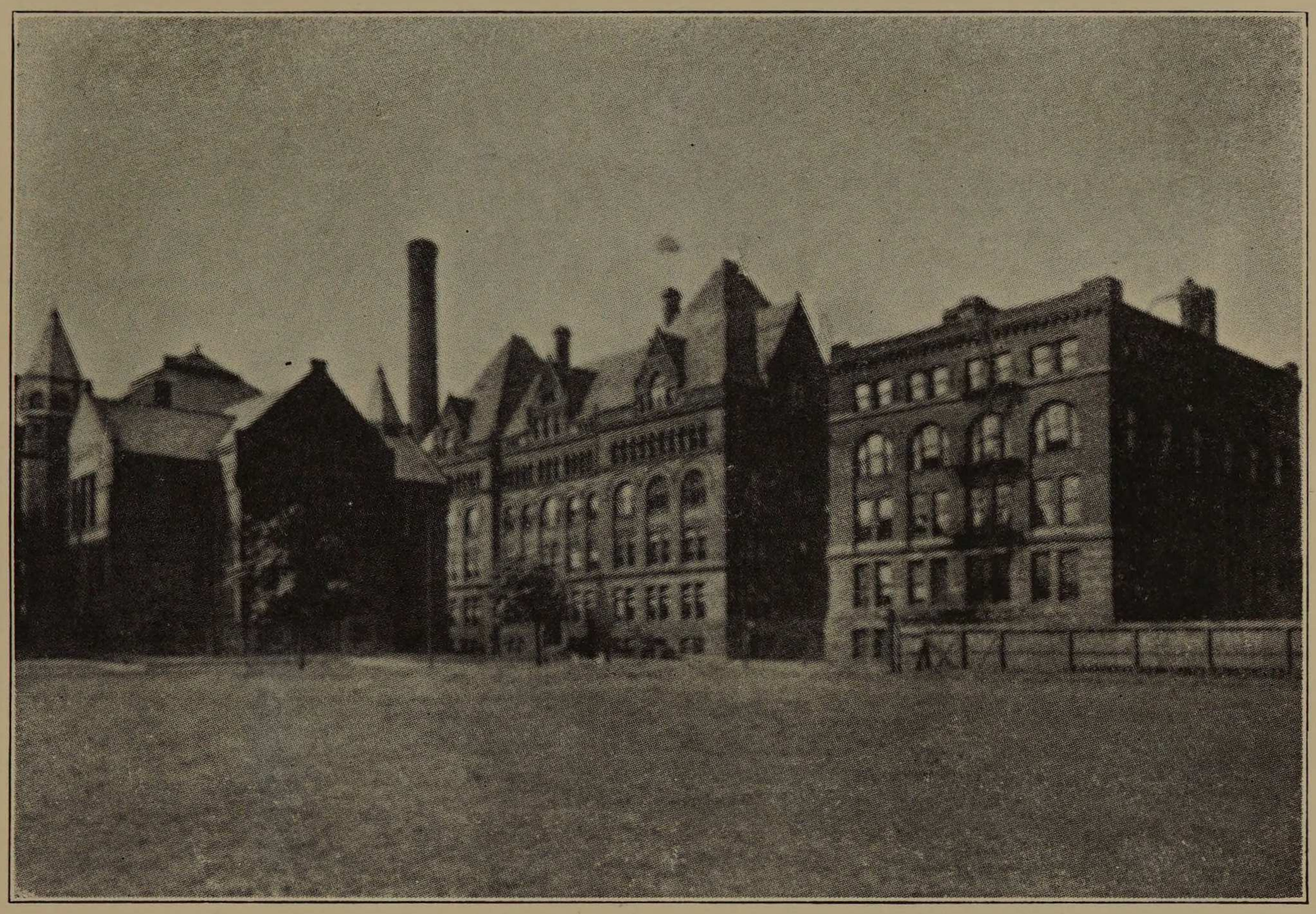
CONTENTS

INSTITUTE
FACULTY
CLASSES
SOCIETY
ORGANIZATIONS
FRATERNITIES
ATHLETICS
HUMOR

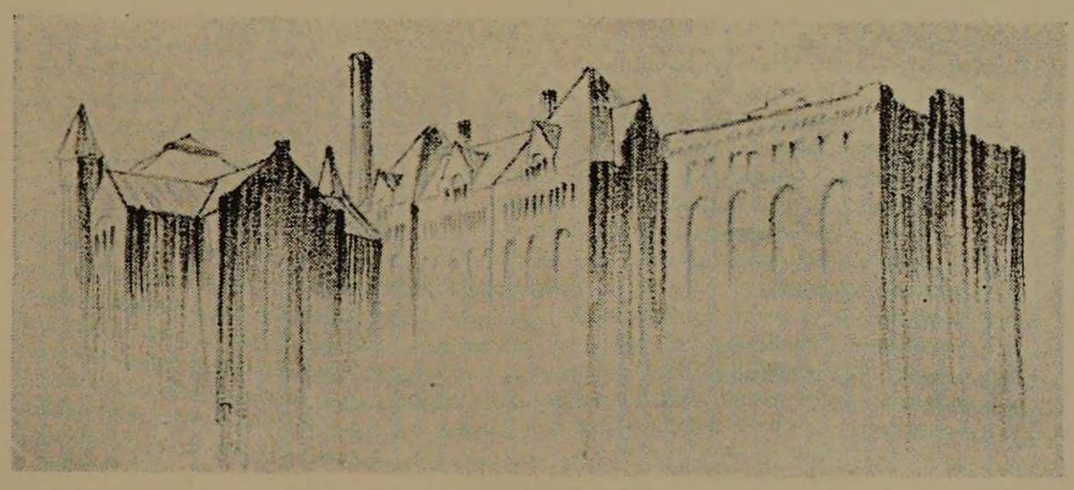
I'll share the sorrow of a friend,
With love I'll clasp his hand;
For sympathy doth make life blend,
And helps us understand.

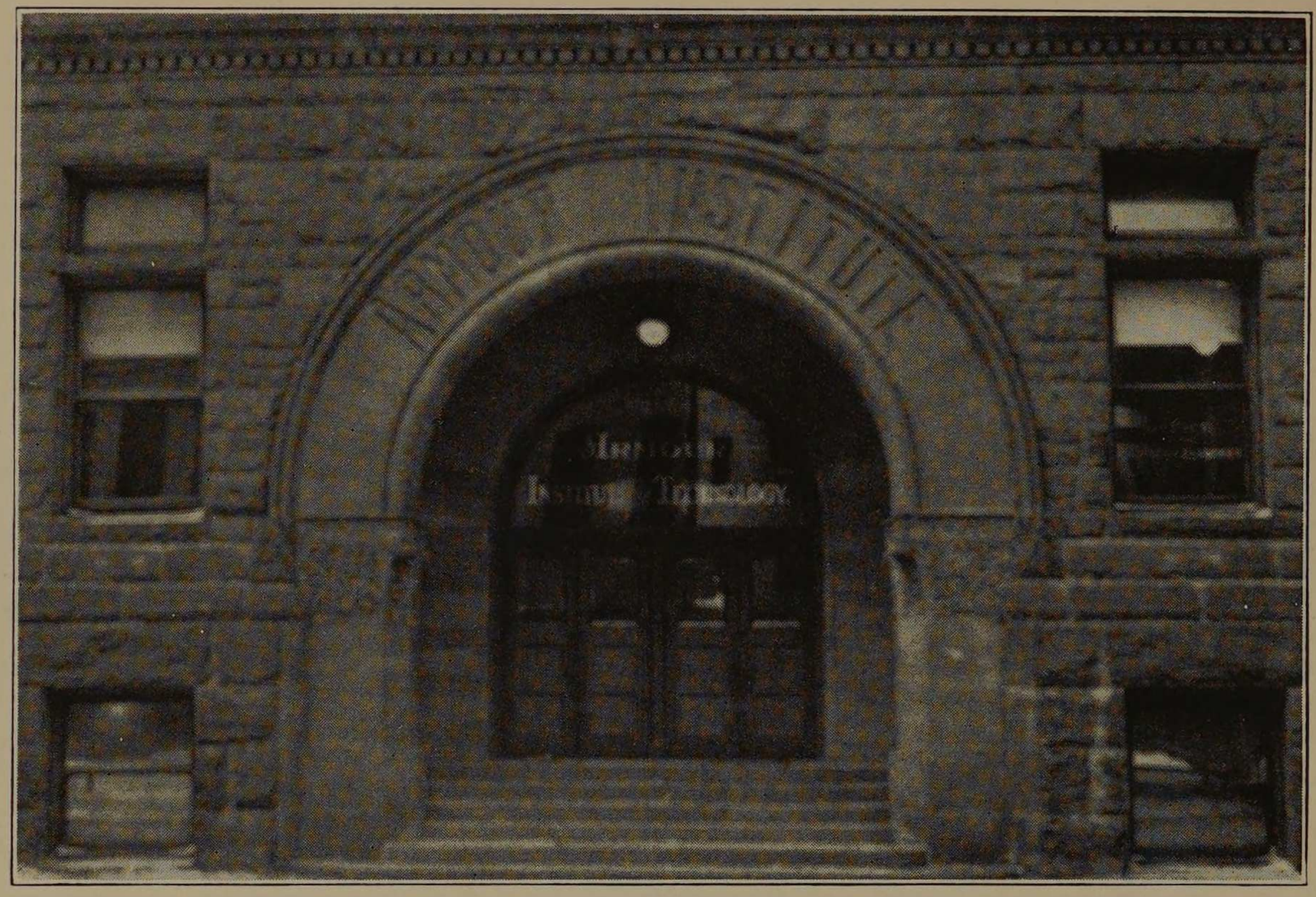
—Wallace Bruce Amsbary.


INSTITUTE
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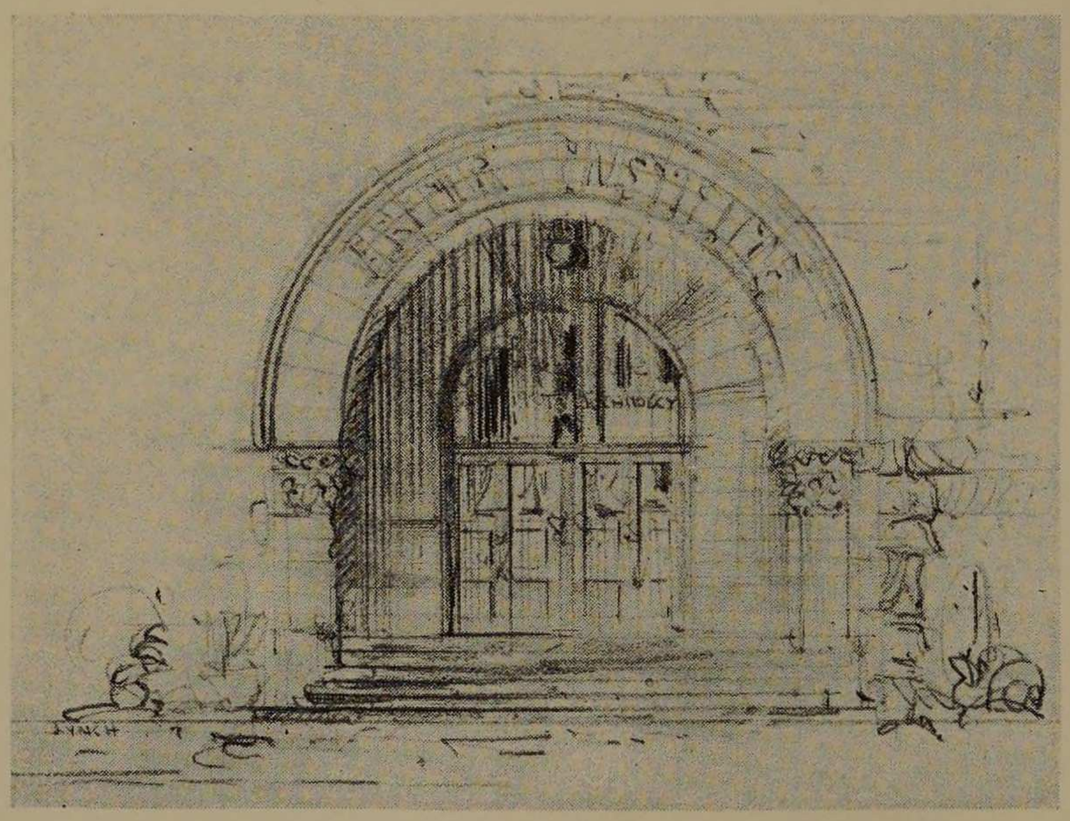


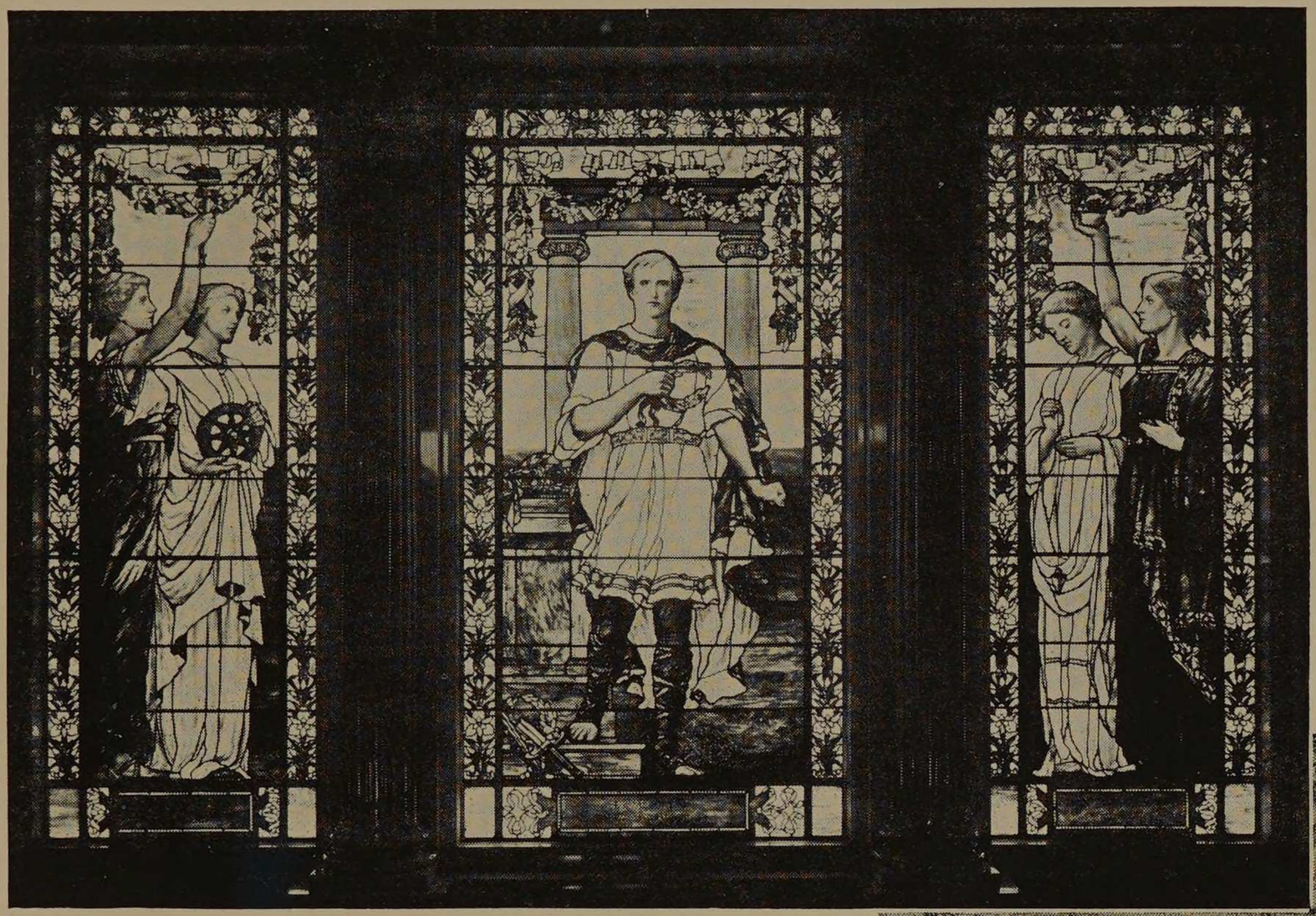
The Institute Group from Ogden Field



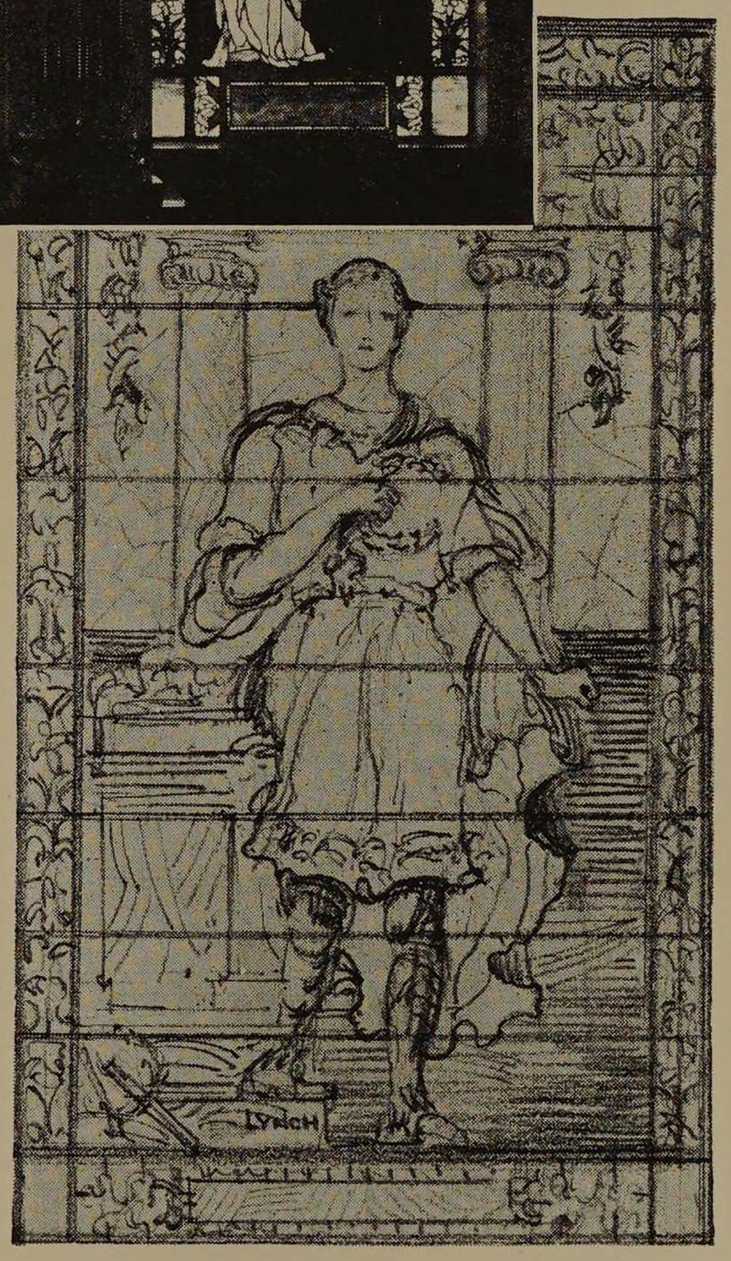


The Doorway



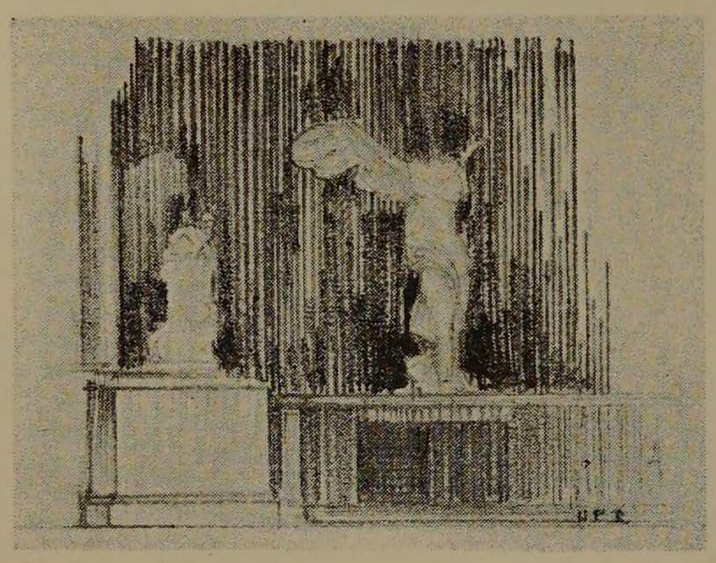


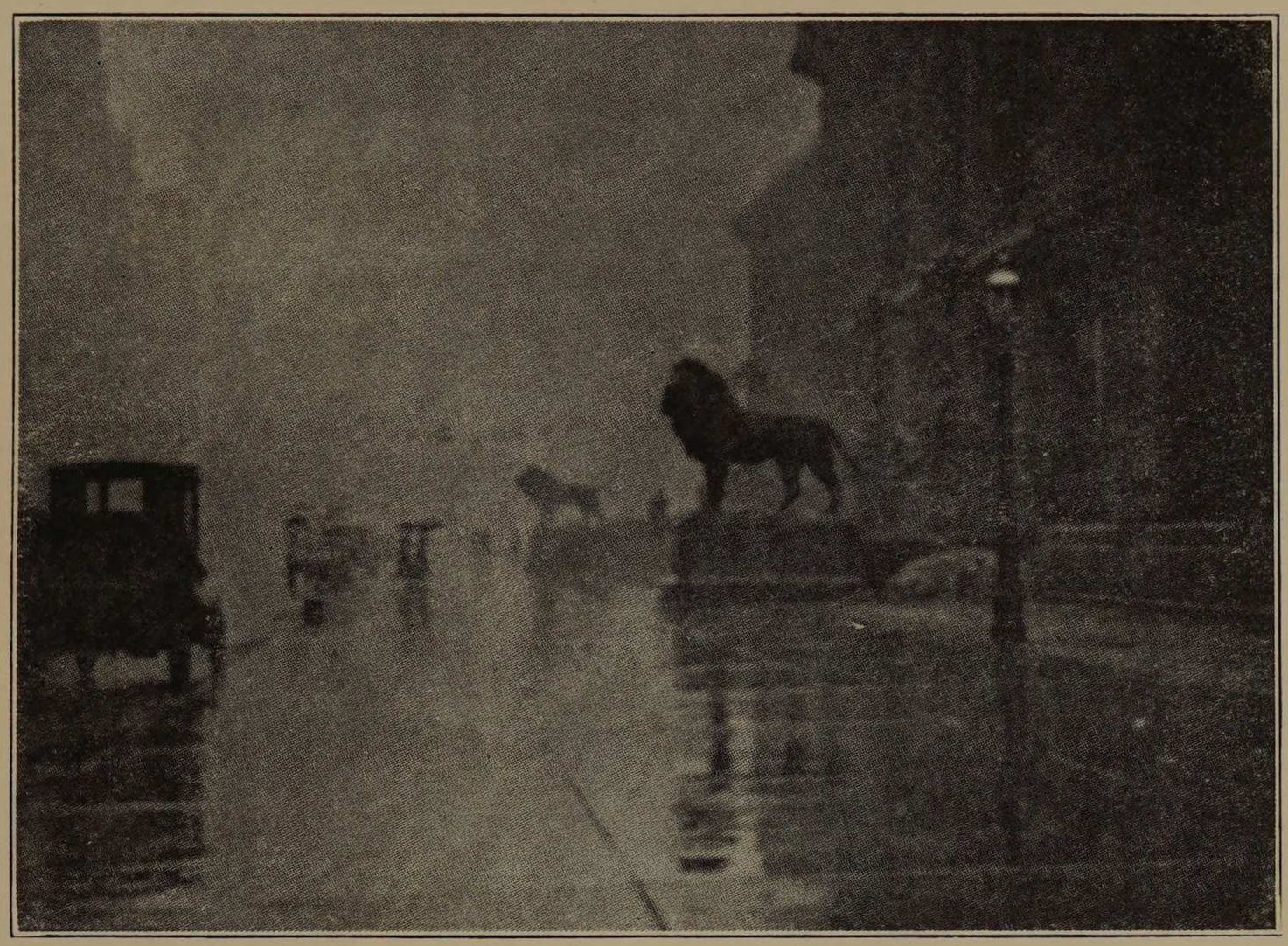
The Memorial Window



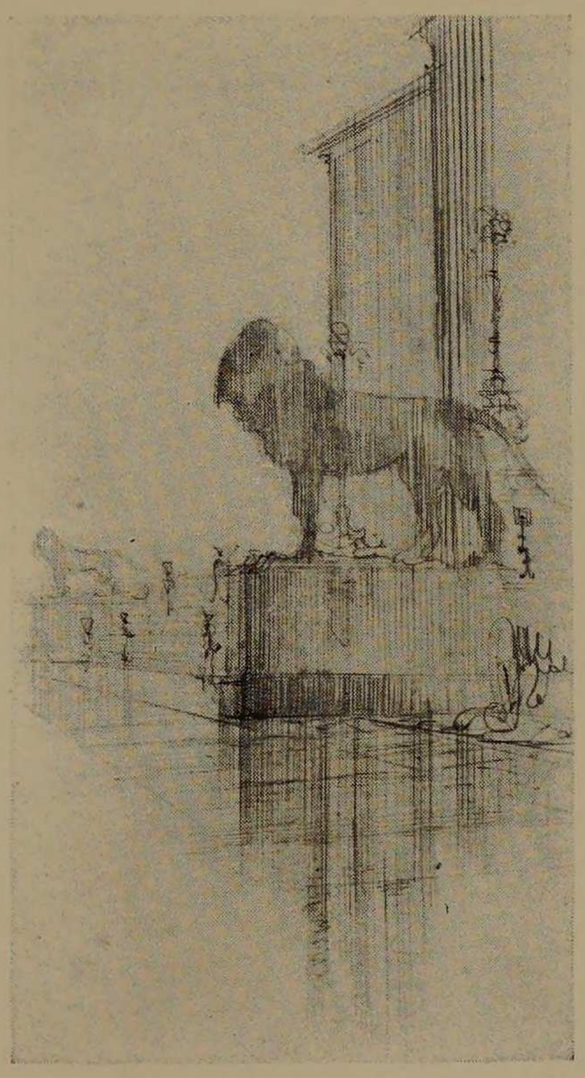


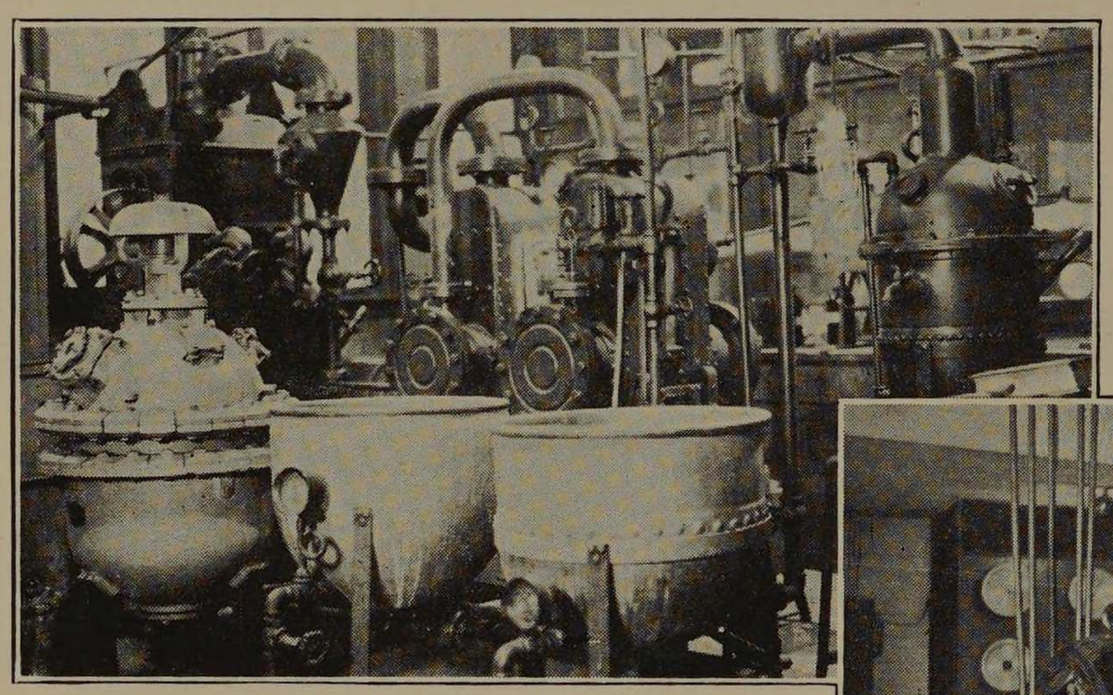
The Stairway, Art Institute



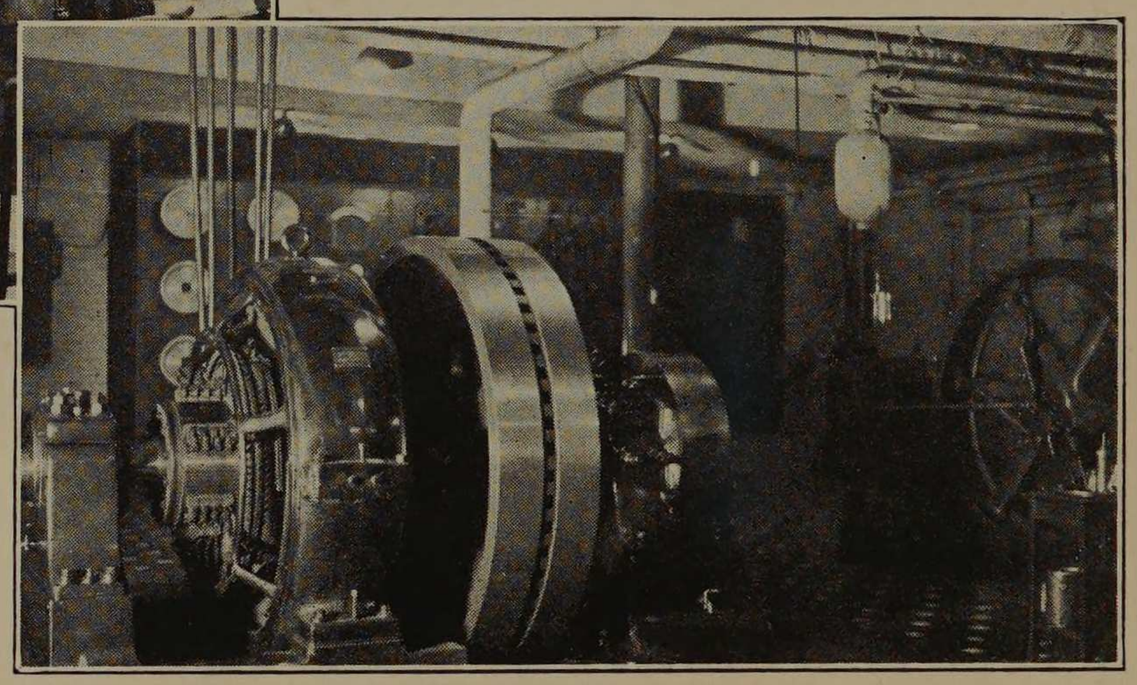


The Lions, Art Institute





Industrial Chemistry Laboratory



Engine Room

The Development of Engineering Education

THE Armour Institute of Technology opened its doors to students in 1893, just thirty years ago in September of this year. It started its career at a period when engineering was for the first time being classified as one of the learned professions, along with medicine, law, and theology. Previously it was considered more or less of a vocational trade with professional attributes, but not distinct and important enough to be placed in the niche in our educational system which it deserved and to which it was really entitled. The last three decades have shown more development in engineering education than in all of the previous seventy years since the establishment of the first school of engineering in the United States. It is only in the last ten years, however, that there has been a genuine organized effort made to study and promote engineering education. A better understanding has been effected between engineering educators and industrial leaders, which has resulted in better training for engineering students and increased opportunities for them in the field of engineering. It is the opinion of many prominent engineers and directors of large industrial enterprises that the colleges of engineering, in general, have leaned toward over-specialization in the training of student engineers; that the curricula of the different courses have included too many subjects of technical detail, and too few of the cultural and general studies which develop a broader and larger view of life's problems. I think it is quite generally conceded today among engineering educators that this commentary is pertinent to the present situation in industry, that more stress should be laid on the fundamental and basal studies; and more of the cultural subjects, or humanities, should be included in the regular college courses in engineering. I believe that I am safe in saying that the Armour Institute of Technology has advocated and carried out these ideas to an extent beyond that of most of the technical colleges of the country, and feel certain that any alumnus of the Institute regards his student training in the general studies of the greatest value in the practice of his profession. It is expected, of course, that our students will become good engineers, but we wish them to be more than just that: We desire them to be good citizens; nay even more, leaders in the affairs of their cities, communities, states, and, may I hope, in those of our nation.

HOWARD MONROE RAYMOND.

INSTITUTE

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Howard Monroe Raymond

The Vice-President

Philip D. Armour III

The Comptroller and Secretary

George Sinclair Allison

The Treasurer

Frederick W. Croll

The Dean, and Director of the Library

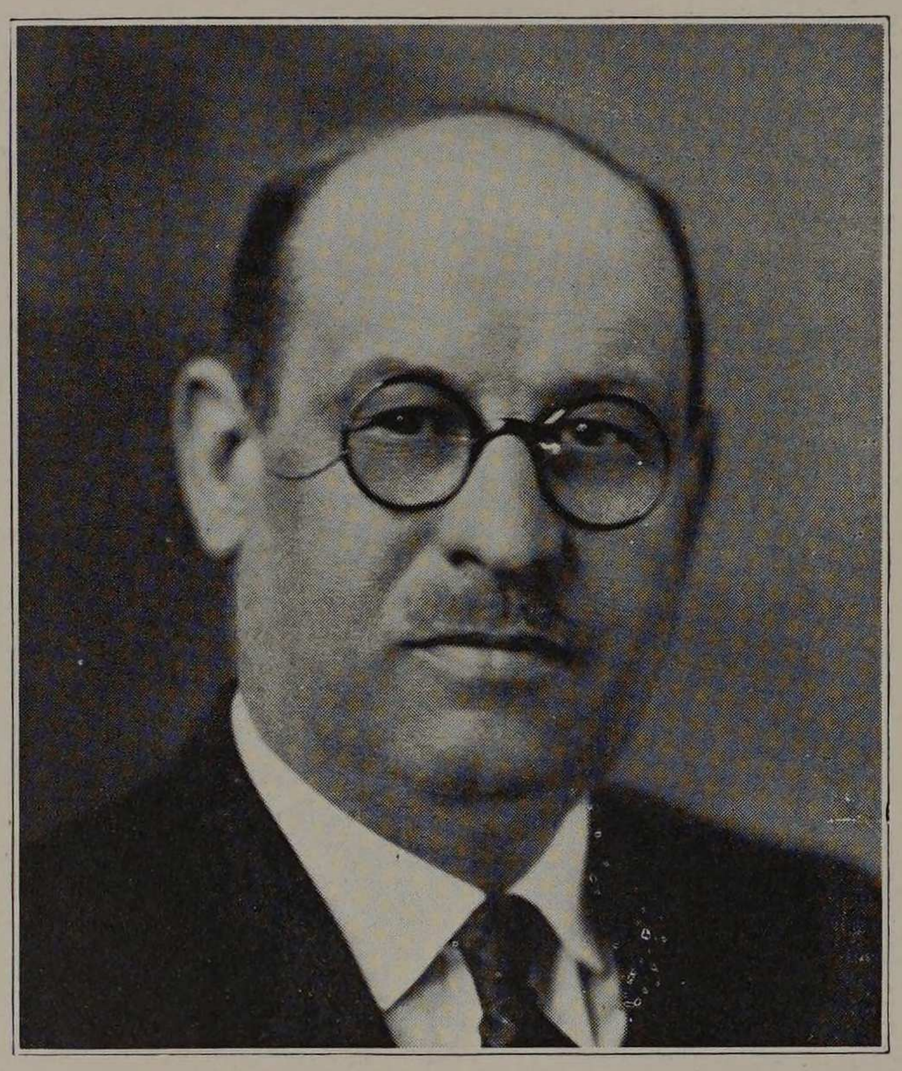
Louis Celestin Monin

The Examiner, and Assistant to the Dean

John Cornelius Penn

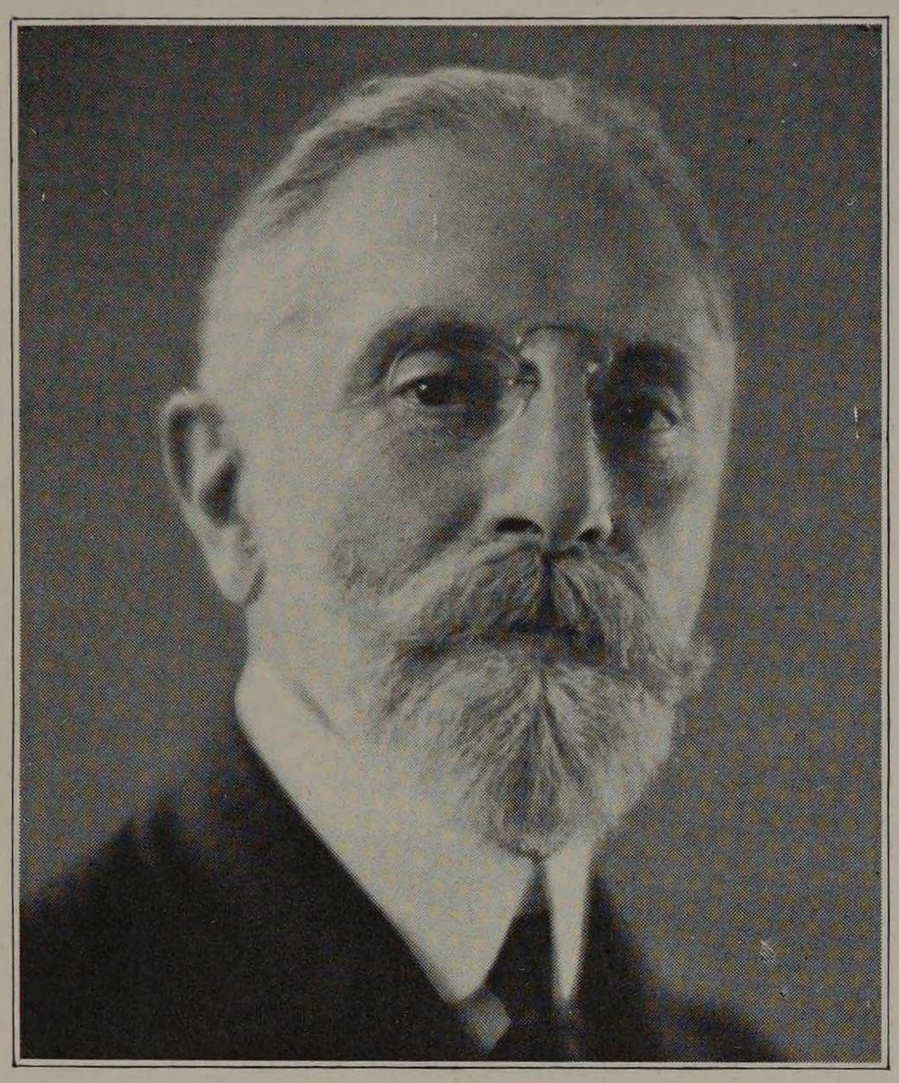
THE EXECUTIVE COUNCIL

The President



HOWARD MONROE RAYMOND

Birthplace, Grass Lake, Michigan. B. S. (E. E.) University of Michigan, 1893. Sc.D. Colorado School of Mines, 1922. Rockford Electrical Manufacturing Company, 1893-1894. Post-Graduate work in Physics and Electrical Engineering, University of Michigan, 1894 and 1895. Appointed Director of Manual Training School, Ishpeming, Michigan, 1895. Resigned to accept position as Instructor in Physics at Armour Institute of Technology, 1895. Associate Professor of Physics, Armour Institute of Technology, 1898-1903. Principal of Armour Scientific Acadamy, 1900-1903. Professor of Experimental Physics, 1903. Dean of Engineering Studies, 1903-1922. Elected President, Armour Institute of Technology, May 23, 1922. Member of Phi Delta Theta and Tau Beta Pi Fraternities. Member of the Society for the Promotion of Engineering Education, and American Association for the Advancement of Science. Residence, 6531 Kimbark Avenue, Chicago, Illinois.



The Dean

Louis Celestin Monin

Birthplace, Berne, Switzerland. University of Leipzig, 1878-1879. University of Zurich, 1879-1881. High school teacher in Switzerland and Italy, 1881-1886. University of Heidelberg, 1886-1888. Post graduate student Lake Forest College, 1889-1891. Ph. D., Lake Forest College, 1891. National Secretary of Zofingia (Fraternity) of Switzerland. President of the Department of Technical Education within the National Education Association, 1907-1909. Instructor in Philosophy, University of Chicago, 1891-1893. Assistant Professor of Education (Summer Quarter), University of Chicago, 1897. Professor of Modern Languages and later Professor of Economics and Philosophy and Dean of Cultural Studies, Armour Institute of Technology, 1892. 1892. Member of many scientific, educational and literary associations. Residence, 1401 Hyde Park Blvd.

The Comptroller

George Sinclair Allison

Birthplace, Chicago, Illinois. Identified with Armour interests twenty-one years. Registrar, Armour Institute of Technology, 1910. Assistant Treasurer, 1918. Comptroller and Secretary, 1920. Vice President, Association of University and College Business Officers of State of Illinois. Division Chairman, Educational Purchasing Agents Association. Residence, 7359 Luella Avenue.

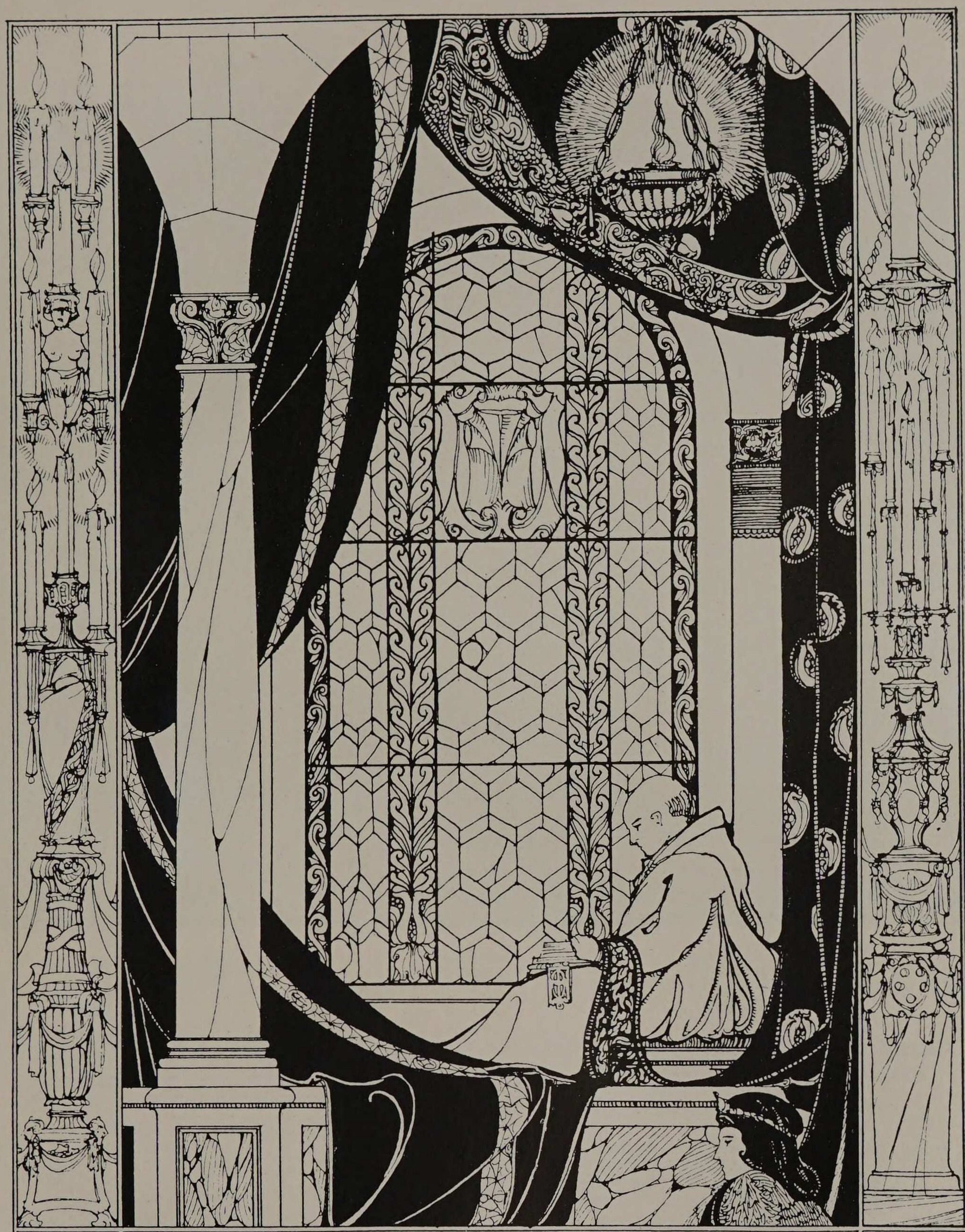


Education and Life

One of the most important aims in the college course should be to counteract the tendency to regard an education simply as a means to make a living. Many college graduates have not acquired the appreciation of the finer things that make for fullness of life. They leave college and enter on life with a false idea of success. Too many in seeking a living lose a life. Too many are getting ready to live after they have acquired a fortune, but will only realize that the well-springs of true happiness have dried up in the meantime and the faculties for enjoyment have been atrophied by disuse. Our age needs to realize that happiness comes from within, not from without. "Be your own palace or the world's your gaol." Indeed, nothing that is really beautiful can be purchased; neither youth, nor health, nor genius, nor beauty, nor glory, nor love, nor gladness. We should take more enthusiasm in cultivating the ideal treasures of life. Better be a Burns behind his plow, or a Rousseau copying notes, or even a Boswell following Johnson, than a modern multimillionaire who is able to buy the finest paintings, but not to appreciate them; who has multitudes of finely bound books, but never reads them; who could hire an orchestra to play the finest music, but would yawn over a symphony; who has visited many foreign lands, but brought back only the fingers and noses he struck from matchless statues.

We have the opportunity and duty of self-development. No privilege is greater than that of developing to their fullest extent all the powers and faculties of our nature. As the education of the race is the purpose of history, so the unfolding of personality is the object of life. We should interest ourselves in all that will enrich our life. Nothing human should be foreign to us. We should keep our souls aflame for everything that is noble and true. We should identify ourselves with every cause that will elevate humanity. Taking this larger view of life, realizing our connection with the race, comprehending the relation our own work bears to that of our fellows, we will solve our problems with enthusiasm. We will realize that to be a great engineer, or writer, or teacher, it is necessary, first of all, to be a true man.

GEORGE L. SCHERGER.



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Huntly

Roesch
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White
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Department of Physics



Doubt Colvert Wilcox Rice

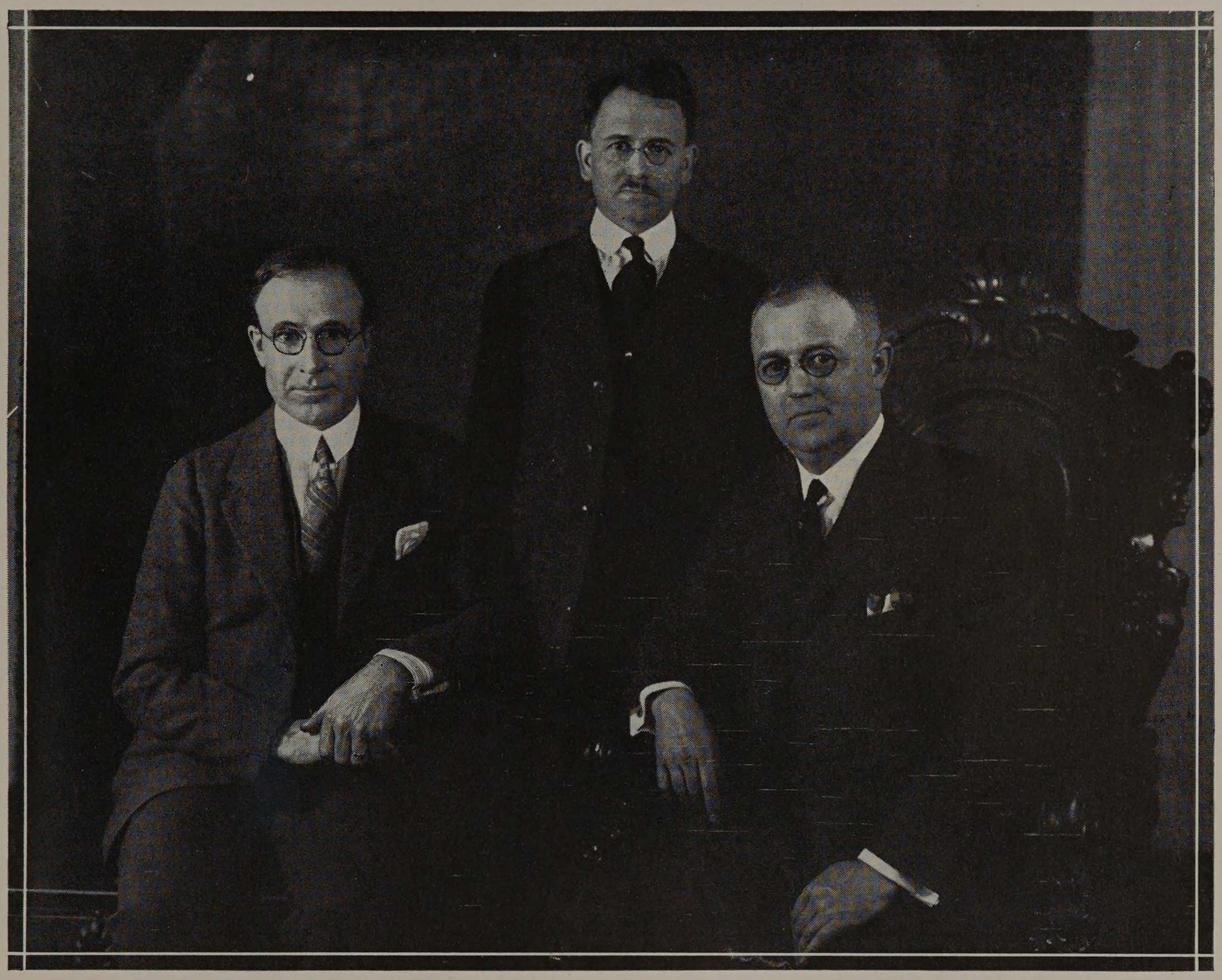
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Leigh Mangold Paul

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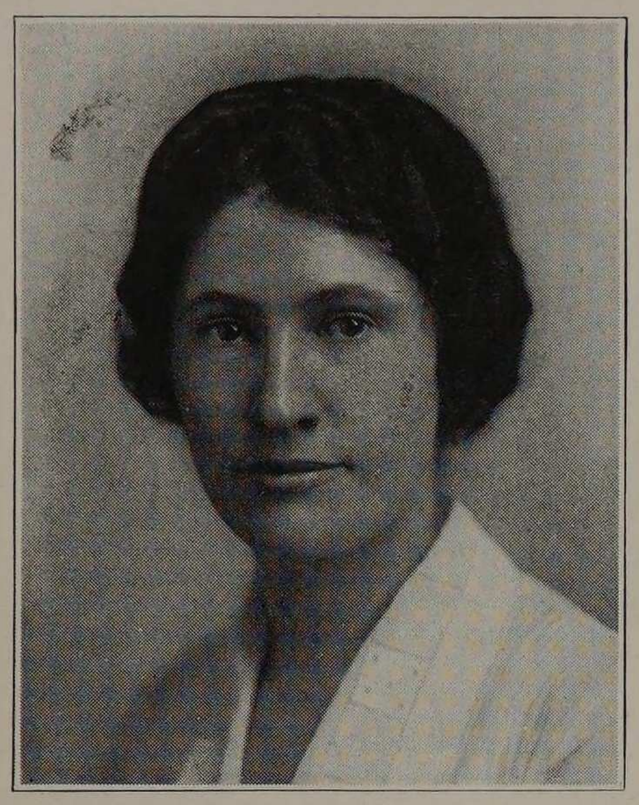
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WALLACE BRUCE AMSBARY
Lecturer in General Literature.

CLYDE BARNES COOPER
Professor of English.

FREDERICK WILLIAM MCCLUSKY
Instructor in English.

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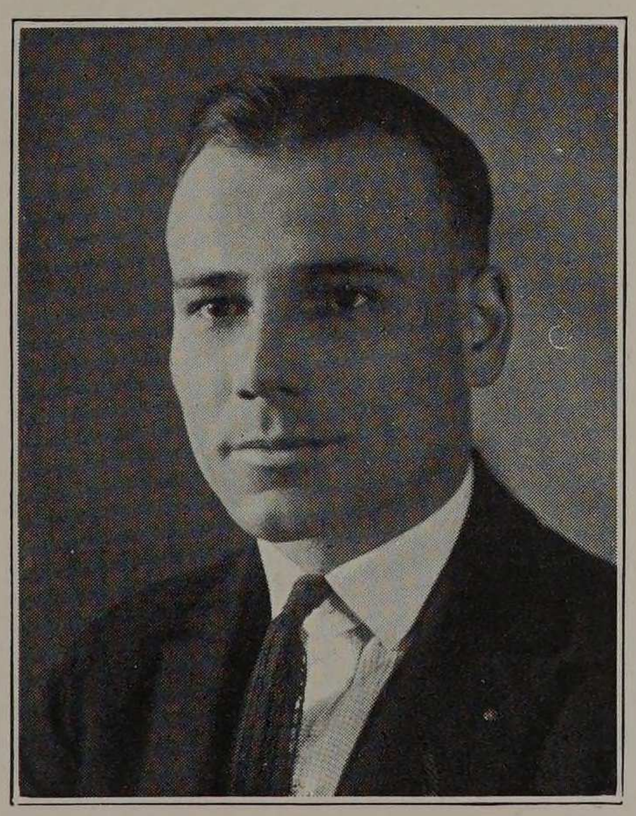


NELL STEELE
Librarian.

Department of Physical Training



JOHN EDWARD KELLEY
Medical Adviser and Examining Physician.



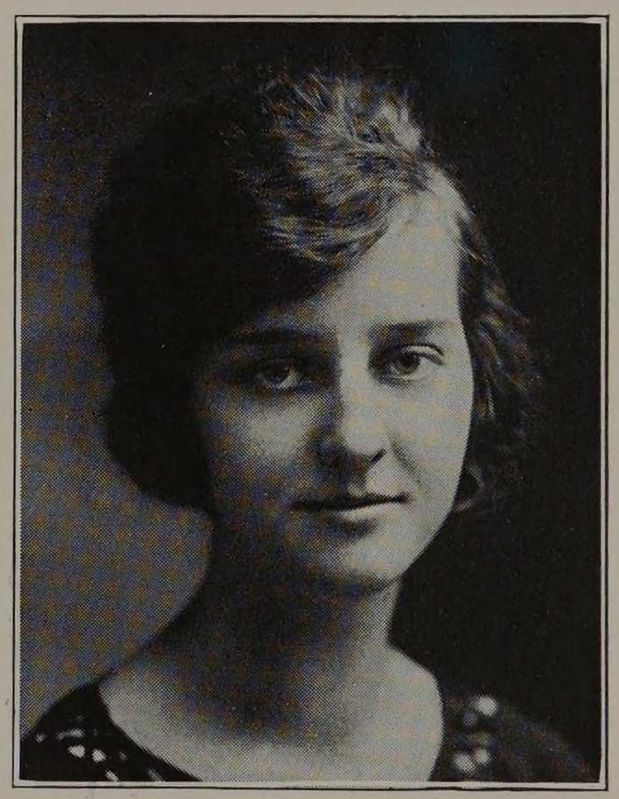
WILLIAM CARL KRAFFT
Director of Physical Education.

Assistant Librarians



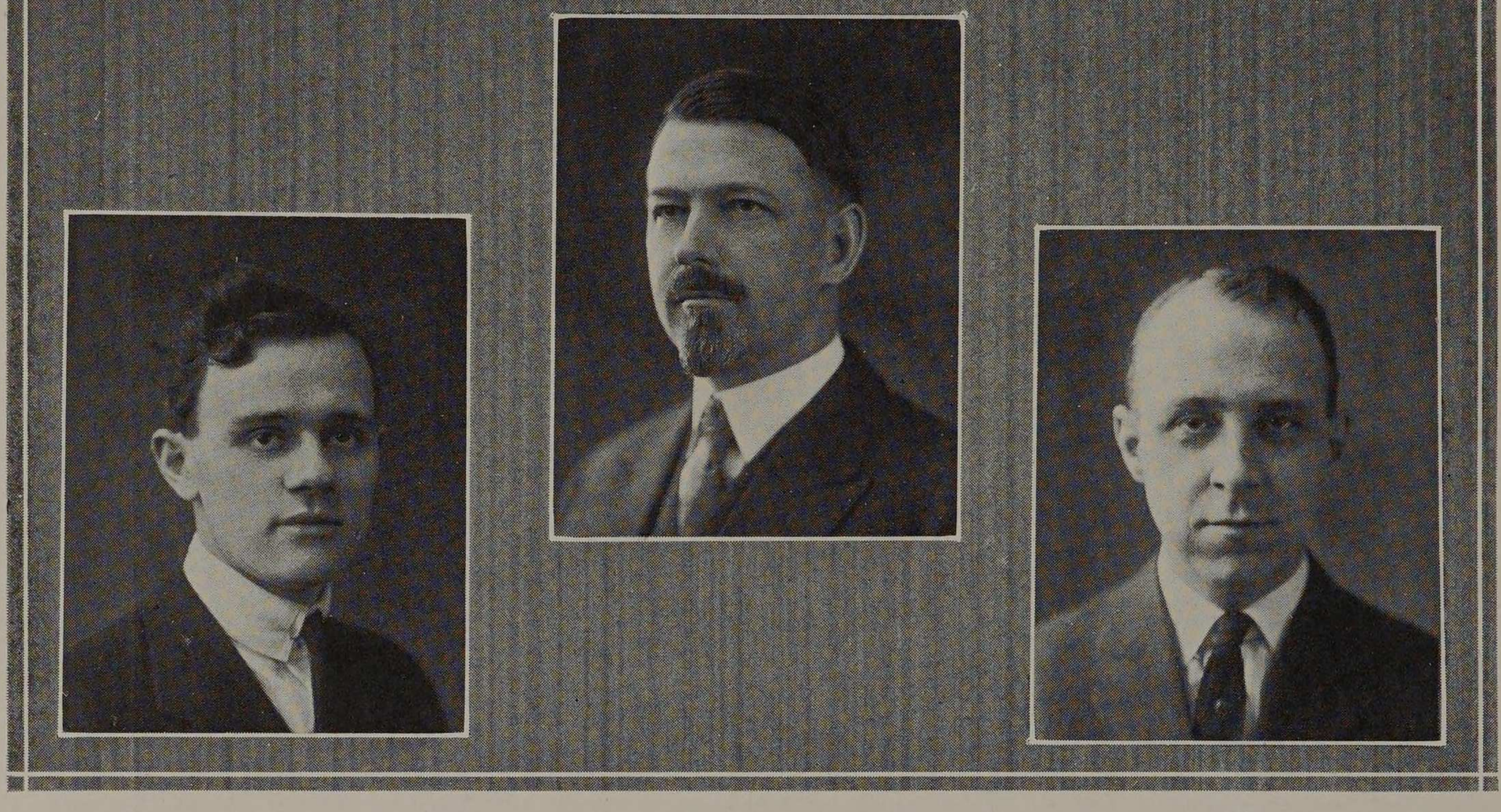
MARIAN COMINGS
Assistant Librarian, Burnham Library.

HELEN R. CURTIS
Assistant to the Librarian, Armour Institute.




ALUMNI
ALEXANDER

Alumni Association



Stryker Lee Smith

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CLINTON E. STRYKER, '17.....*Secretary-Treasurer*

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To the Class of 1923

As the class of 1923 approaches its graduation the Alumni Association extends to you, individually and collectively, its congratulations and its greetings. We congratulate you at the end of four years of study and preparation, completed with honors by some, creditably by all. We greet you as new members in the one permanent organization of Armour men, the Alumni Association of Armour Institute of Technology.

At present your four years of undergraduate study at Armour are large in your perspective, and your identity as Armour men seems well established. But later, when you have become deeply immersed in the world's affairs and are carrying your share of its work and responsibility, you will find that your life at Armour, viewed from the retrospect of the years, is a most pleasant memory, but not the all-important reality that it seems today. Your work may carry you into all parts of this or foreign countries in which case you will find it increasingly difficult to maintain even a fair degree of contact with your Alma Mater. When such a time comes it will be largely through your connection with the Alumni Association that you will be able to maintain your contact with the Institute and with the friends of your student days.

In welcoming you into our membership we would like you to know what manner of organization it is that you are joining. We want you to know something of our aims and purposes, so that you may realize the work that lies ahead of us in the performance of which we invite your co-operation. You may be interested in knowing what the association has accomplished in the past and to what extent our purposes have been matched by our achievements.

The Alumni Association was started on June 19, 1900, with B. H. Glover as President, A. S. Alschuler as Vice-President, A. J. Burr as Corresponding Secretary, C. P. Schroeder as Recording Secretary, L. Elliott as Treasurer, and E. Richardson as Master of Ceremonies. After ten years of steady growth, the Association was incorporated under the laws of Illinois on March 18, 1910. The articles of incorporation state that the Association was formed for "the promotion of fellowship and good will among its members; the continuation of the ties formed by them while students; and to keep alive their interest in the affairs of the Armour Institute of Technology." In the same year the Constitution was amended so as to provide for life memberships, eighty-two of which have been taken out to date. The money paid in by life members is placed in a fund which is used to make loans to needy students at the Institute.

The Alumni Association now has more than fourteen hundred eligible active members, all of whom are graduates of the Armour Institute of Technology. In addition we have some seven thousand eligible associate members, all of whom have been students at Armour but did not graduate. It is the chief purpose of the Association to weld this group of more than eight thousand graduates and former students into a well organized band of Armour men. We wish to foster good fellowship among our members, to

promote in every legitimate way the interests of Armour men, and through the strength and influence of our organization to reflect credit on our Alma Mater and advance her interests at all times.

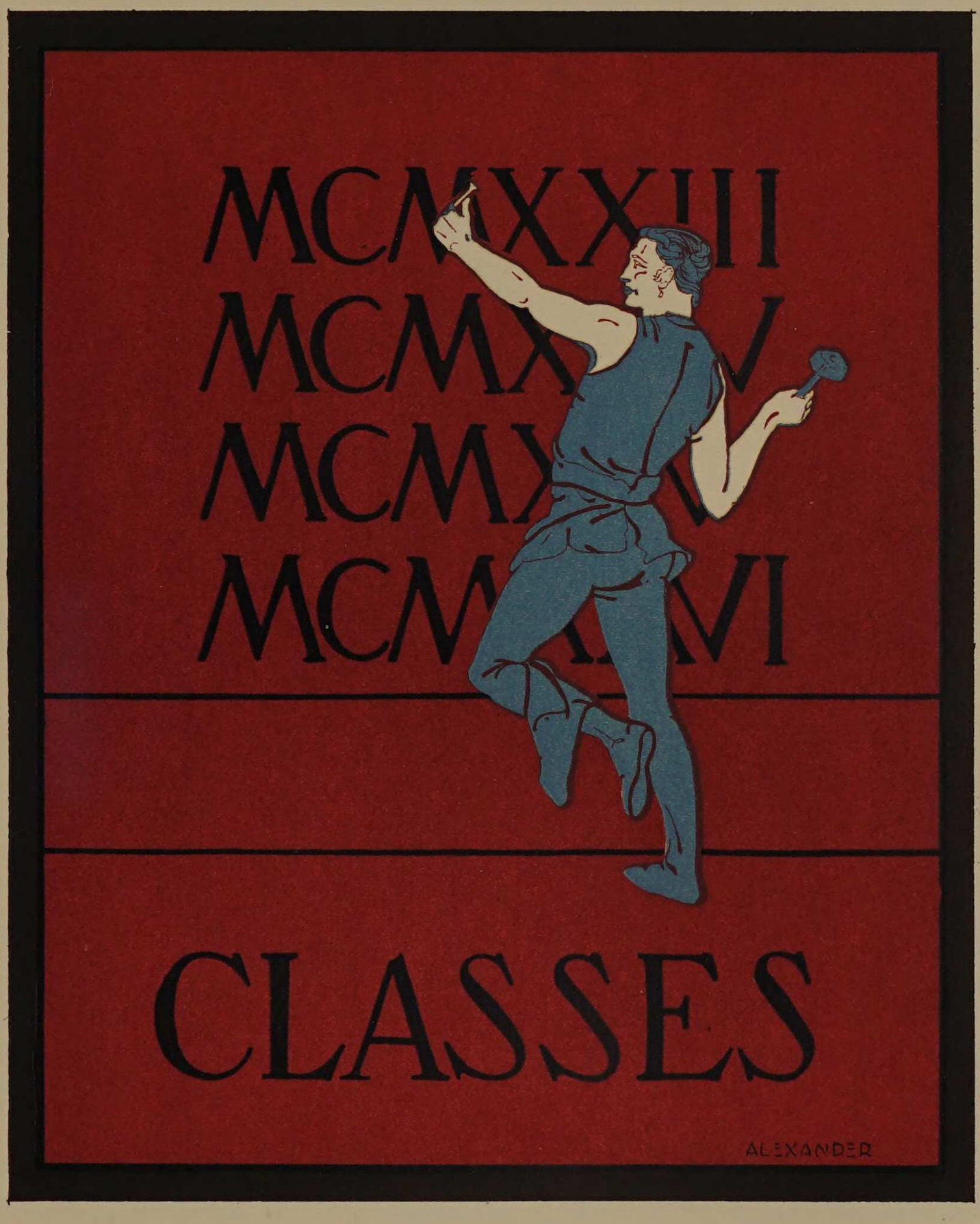
We recognize that a well-organized and influential alumni association can contribute much to the success of an educational institution and to the advance of its graduates in their chosen profession. To this end we have at present a plan for the establishment of a permanent alumni headquarters at some suitable location in charge of a permanent secretary. In this office data will be compiled and properly arranged giving all available information pertaining to our members; their business or professional connections, their accomplishments in their various fields of endeavor, and all other pertinent information.

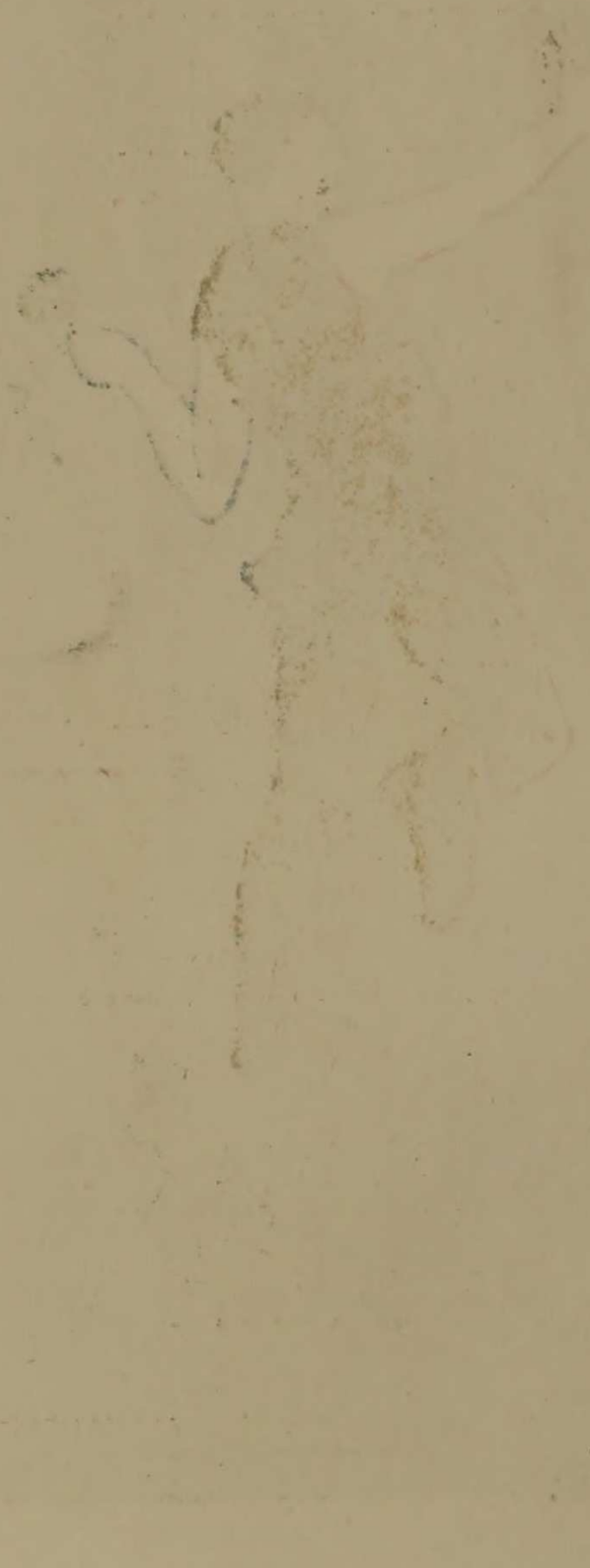
When such a bureau has been established and all the necessary data has been compiled we believe that it will be of wonderful service to all Armour men. To the elder alumnus in need of engineering services of almost any nature, it presents a means whereby he may get into touch with some Armour man equipped to supply what he needs. To the younger alumnus or recent graduate the advantages are too obvious to require comment. There is no doubt but that a work-together spirit exists among us and if our organization can be given a visible, tangible, existence by a plan like this it will contribute much to the advantage of all.

We have not formed such a plan, however, entirely from motives of self-benefit. An educational institution like any other is known by its product, its graduates. We are the finished products of our Alma Mater and it is from us that the world will form its estimate of Armour's standing in the field of technical education. Therefore, anything which we as an organization can do to contribute to the success of Armour men will be sure to redound to the credit of the Armour Institute of Technology. Our advancement is her success.

It is hoped that very soon the Alumni Association will become a larger factor than ever before in the social life of its members. Branch organizations are beginning to be formed in different cities of the country and are sure to spread as our membership increases. Although your work in the future may possibly take you very far from Chicago and entirely out of touch with the Institute in a physical sense, still you may be able to find a local branch of our association not far away. In this way we hope to keep alive the spirit of loyalty to, and interest in, the Armour Institute of Technology in spite of the cares and responsibilities which, as they come, tend to keep one wrapped too closely in his own affairs.

The Alumni Association extends a most cordial welcome to the class of 1923. We hope each one of you will become actively interested in the affairs of the association and do all that you can to assist in carrying forward our work. We want you to feel that you belong to us and with us, and that we are all working towards the same end. As you leave the familiar halls of the Institute wherein you have enjoyed four well filled years, she says, "Farewell and Godspeed." As you enter the larger world of affairs to take up your work and go your respective ways, we say, "Welcome, Brothers."


MCMXXIII
MCMXXIV
MCMXXV
MCMXXVI
CLASSES
ALEXANDER



SENIORS



ALEXANDER

Officers of the Senior Class



Vickers



Munday



Hauth



Kaye

HAROLD WALKER MUNDAY ..... *President*
CHESTER WILLIAM HAUTH ..... *Vice President*
LEROY ALLAN KAYE ..... *Secretary*
WM. HARRY VICKERS ..... *Treasurer*
GEORGE DARWIN CRANE ..... *Cycle Representative*
GERHARD N. SCHUMACHER ..... *Athletic Captain*
ARTHUR E. JOHNSON ..... *Sergeant-at-Arms*

Senior Class Committees

Picture Committee

J. Leo Walsh, *Chairman*

William A. O'Brien — Edward Warren Prentiss

Jewelry Committee

Gerhard N. Schumacher, *Chairman*

George Goedhard — James W. Spensley

Invitation Committee

Ralph Oliver Wickel, *Chairman*

Samuel Delevitt — William J. Tarrant

Cap and Gown Committee

Philip Isenberg, *Chairman*

Raymond O. Matson — Benjamin L. Sites

Auxiliary Committee

Ora Leonard Cox, *Chairman*

Donald C. Colby — Elmer A. Johnson

Social Committee

William B. Blaufuss, *Chairman*

History of the Class of 1923

The members of the Class of 1923 look back over their years at Armour Tech with justifiable pride. Four years of earnest endeavor and of certain achievement span the gap between the time when we light-heartedly entered upon our freshman year and the time when we look out upon our life work. While we do not believe that Armour Tech had been waiting breathlessly twenty-seven years for our arrival, or that she will cease to exist after our departure, still we hope that our efforts during our brief sojourn here will have been instrumental in establishing some new customs and in adding to the traditions which serve to build up the prestige of the school. We believe that a record of our attainments will be of some value to future members of the school. We know that such a chronicle will be of utmost interest to ourselves.

Our inter-class athletic interests have been well protected. During our Sophomore year our basketball team tied for the championship; during our Junior year it won the inter-class championship. Our indoor baseball team has been inter-class champion for four years. Individual members of our class have represented us with honor. In our Freshman year we had a man on both the basketball and the baseball team; in our Sophomore year we had four men on the basketball team and six on the baseball team; in our Junior year, besides a number of men on both the basketball and the baseball team, each Captain was from our class; in our Senior year we had a number of men on all teams. The baseball coach, the school tennis champion, the Captain of this year's golf team are all '23 men. The increased athletic activity of the past year is due largely to the efforts of our class. We created the Armour Tech Athletic Association and Student Union; the first President is a member of our class.

While athletics occupies first place among student activities, nothing serves to relieve the tension of the severe mental strain of the curriculum of an engineering school quite as effectively as social affairs. And we are proud of the record of our social activities. We started with our Freshman Prom, and with it, we innovated two things, our distinctive dances and our habit of making money on them. The ability to combine pleasure with business seems to be one of the unusual characteristics of our members. We lived up to expectations in our Sophomore year with our Prom at the Red Room of the La Salle on the eighteenth of February. There is nothing that can come into the life of a Sophomore class that is as satisfactory as the realization that their Prom has surpassed in splendor that of the Juniors. Time can never erase from our memories that exultation. With more money than we needed in the treasury, we were able to enjoy two dances in our Junior year. The first one was given at the Drake and was unique in that it was an all-'23 party, members of the class even furnishing the music. The second one was given at the Blackstone on May fifth, and was probably the best ever attended by any Armour man. During our Junior year we staged

a real banquet, something that those who were present will not easily forget. With the exception of the Commencement festivities, the two elaborate and successful dances of our Senior year closed our social program. Our reminiscences of Armour will always include these memories—unforgettable events in the life of every college man.

There are many and varied activities in which our men have proved their ability for leadership. The Glee Club will miss some of its finest voices and most enthusiastic members when it reassembles in the fall. All of the officers of the Club this year are '23 men. The Frosh Frolic, which is now an annual affair, was started by our class. Freshmen for generations to come can curse us for that. We planned and started the "Open House Nite" custom. This is the one time in the year when we are on exhibition for the benefit of our friends and relatives. Fathers may at last see to what purpose they are paying tuition; mothers may shake hands with *bona fide* professors; sisters may meet endless and attentive college men; and younger brothers may realize why they must gaze with awe and be silent. We introduce our guests to Profs who have handed us conditions, and we smile as if nothing had happened. Circus Day during our Junior year was a great success. We enjoyed it particularly because we could leave home that morning with a prospect of returning safely with all our ribs in place. Our habit of making money prevailed when we put out the '22 *Cycle* with great success. We hope that our financial successes during these four years may prove a prophecy of our accomplishment along that line in the future. The Armour Tech Athletic Association and Student Union, which we created, has accomplished a great deal during its first year. Along with it, we brought into existence the Activity Fee, which brings the *Engineer* and the *Cycle* to every student, and which supports track, tennis, golf, boxing and wrestling, swimming, the Glee Club, and the Orchestra.

The reader may think from this resumé of our college life that we have done everything except study. We hasten to correct any such false impression. The records of our members are convincing evidence that they came to Armour with a serious purpose and that they are of the calibre that will tackle the job and carry it through to success. We are assured that the time will come when we shall look back with gratitude upon those Profs who have so relentlessly forced upon us their pet subjects. To any freshmen who read this we would say that already we begin to feel that this is so, and when our diplomas rest safely in our hands, we believe that we shall be ready to assure *everyone* that it is so.

Thus ends the list of achievements of the Class of 1923. Never again shall we have the opportunity to work together as a unit; nor to experience that joy of comradeship which casts so bright a glow over the memory of undergraduate days. Others will fill our places, and in the busy hum of future college days we shall scarcely be remembered. We believe, however, that there are among us those who will make themselves known in whatever field they may choose; those who will reflect honor upon their Alma Mater; those whom we shall be proud to have counted as our friends and classmates.

JUNE, 1923

Behind us lie four fleeting years,
Four crucial years they seem;
Before us now, obscured, appears
That time of which we dream.
Forward our thoughts are turned
To that fate which the future holds;
To the fame for which our hearts have yearned;
To the guerdon fair our toil has earned;
To the page which Time unrolls.

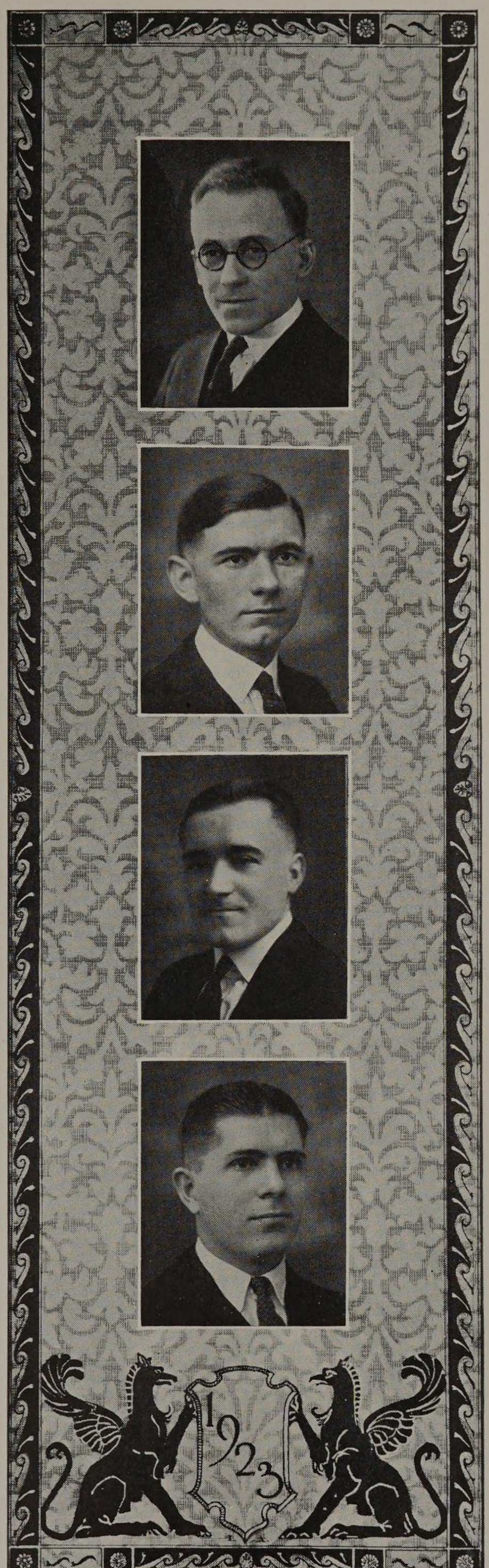
O, Alma Mater, thine the praise
If future days are bright:
If vistas wide and pleasant ways
And golden years invite.
Thine was the guiding hand
Directing us to fame;
Thine was the voice that gave command;
And thine the cheer that made us stand
With firm, unwavering hand.

Without thy care we venture forth;
Each goes his separate way.
We'll miss the comradeship and mirth;
These happy hearts and gay.
Each to his separate place,
To struggle and to fight;
Each one will set a steady pace,
And each with honor run his race
According to his might.

—Harold Walker Munday.

CLASSES

B. S. in M. E.



ROBERT ELTON RODMAN BROAD
August 3, 1898.
Emerson High School, Gary, Indiana.
Beta Phi; A. S. M. E.; Glee Club, '17-'18, '19-'20.

EARL HENRIK CHRISTENSEN
April 25, 1898.
Austin High School.
Beta Phi; Tau Beta Pi; Sphinx; A. S. M. E.
Asst. Business Manager, *Cycle;* Asst. Business Manager, *Engineer.*
Inter-Class Basketball, '20, '21, '22, '23.

ADOLPH DROPINSKI
February 1, 1901.
Lane Technical High School.
A. S. M. E.; Y. M. C. A.

HENRY EICKELBERG
June 25, 1898.
Oak Park High School.
A. S. M. E.



SIGMUND FABRY
June 27, 1896.
Lewis Institute.
Rho Delta Rho; A. S. M. E.

MAX FUHRER
January 31, 1901.
Crane College.
A. S. M. E.

BENJAMIN M. GARLAND
July 2, 1900.
Crane Technical High School
Tau Delta Phi; A. S. M. E.

BERNARD M. GARLAND
September 22, 1901.
Crane Technical High School.
Tau Delta Phi; A. S. M. E.

CLASSES

ALEXANDER GOLDSTEIN
December 11, 1900.
McKinley High School.
A. S. M. E.; Umen.



JEROME GOLDSTEIN
October 11, 1902.
Crane Technical High School.
Sigma Alpha Mu; A. S. M. E.
Junior Play, '20.
Boxing.



VITAUTAS ANDREW GRAICUNAS
August 17, 1898.
Wendell Phillips High School.
A. S. M. E.
Treasurer A. S. M. E., '22-'23.



ROY PAUL JENSEN
April 27, 1899.
Carl Schurz High School.
Phi Kappa Sigma; A. S. M. E.; Glee Club, '23.
Junior Social Committee; Senior Social Committee.





ARTHUR E. JOHNSON

October 21, 1866.
Armour Night School.
Sphinx; A. S. M. E.; Gun & Blade Club; Y. M. C. A.
Exchange Editor, *Engineer;* Recording Secretary, Y. M. C. A., '22-'23; Sgt.-at-Arms.

LEROY ALLAN KAYE

August 23, 1900.
Hyde Park High School.
A. S. M. E.
Secretary, A. S. M. E., '22-'23; Secretary, Senior Class, '23.

JOHN VALENTINE LIZARS

July 6, 1897.
Wendell Phillips High School.
Delta Tau Delta; Tau Beta Pi; A. S. M. E.
Business Manager, *Cycle,* '21-'22; President, A. S. M. E.; Editor-in-Chief, *Engineer,* '22-'23.

RUDOLPH P. LOWE

April 29, 1898.
St. Paul's, London.
Beta Phi; A. S. M. E.; Band; Glee Club.
Junior Marshal, '21.

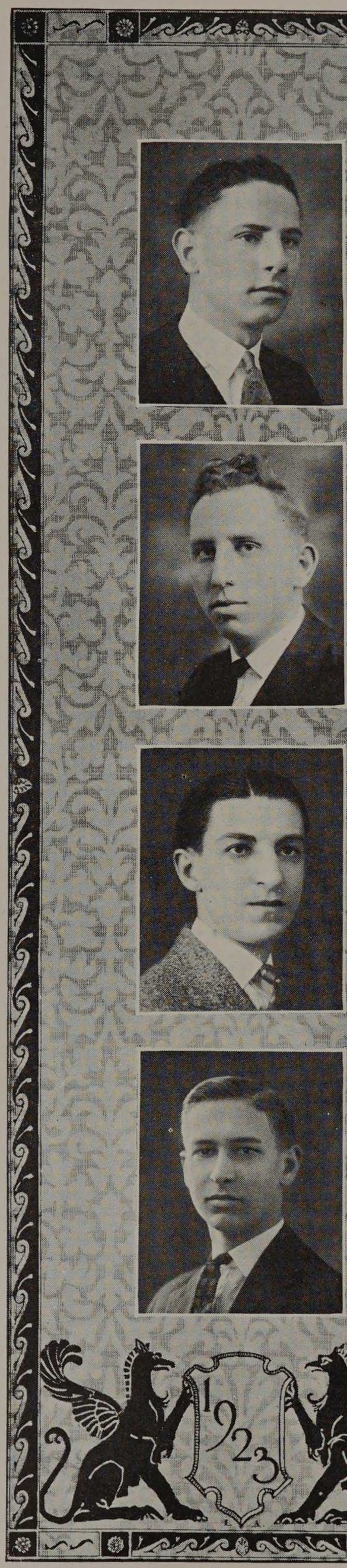
CLASSES

JOSEPH FRANCIS LUCAS
October 16, 1901.
St. Ignatius High School.
Tau Beta Pi; A. S. M. E.
Manager, Tennis Team, '23.

FRED A. MANSKE
April 4, 1901.
Senn High School.
Sigma Kappa Delta; Glee Club, '23; A. S. M. E.
Member Council of the Intercollegiate Glee Clubs.
Interclass Baseball, '19, '23.

DUDLEY M. MEYER
May 5, 1901.
Medill High School.
A. S. M. E.; Glee Club, '23.

LAURENCE GEORGE MILLER
April 24, 1902.
Oak Park High School.
Sigma Kappa Delta; A. S. M. E.; Glee Club, '22, '23.
Manager, Armour Tech Musical Clubs.





PAUL R. MILLS
January 5, 1902.
Senn High School.
A. S. M. E.; Glee Club.

CHARLES A. MISURA
December 30, 1900.
Tilden Technical High School.
Tau Beta Pi; A. S. M. E.
Swimming Team

LOUIS NEEDLMAN
November 28, 1898.
Englewood High School.
A. S. M. E.; Umen; A. A. E.

RAYMOND JOSEPH PASK
August 22, 1898.
McKinley High School.
A. S. M. E.; Glee Club, '19.
Wrestling Team, '20.

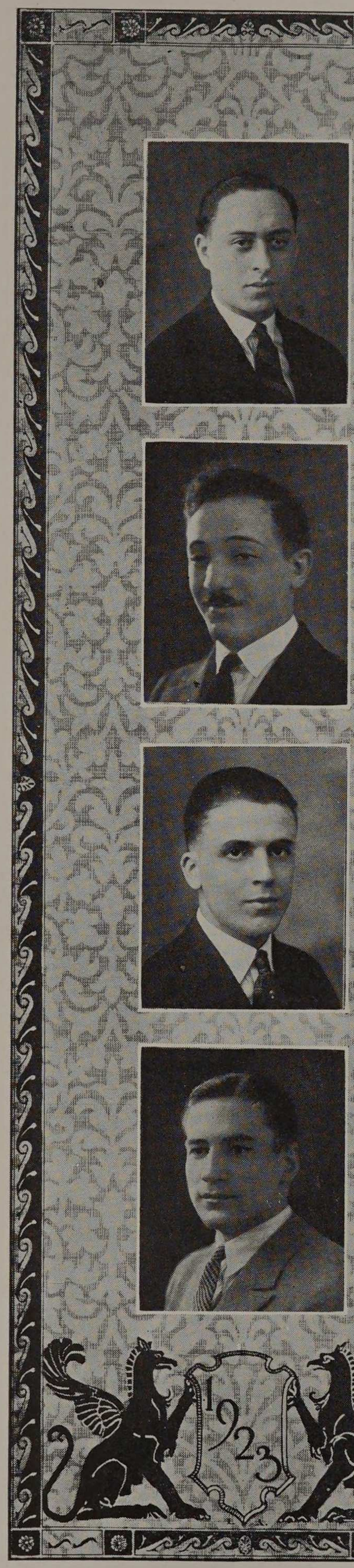
CLASSES

H. Thomas Pollan
July 9, 1902.
Lane Technical High School.
Sigma Alpha Mu; A. S. M. E.; Y. M. C. A.
Social Committee, '21.
Class Basketball, '20-'23; Class Indoor Baseball, '19-21.

Samuel Radner
July 11, 1899.
Medill High School.
Umen; A. S. M. E.

W. Raymond Rilling
May 12, 1897.
Kankakee High School.
Armour Tech Musical Clubs, '22, '23; A. S. M. E.
President, Armour Tech Musical Club, '23.

Donald Ernest Rutishauser
June 23, 1898.
Lane Technical High School.
Delta Tau Delta; A. S. M. E.; Honor "A" Society.
President, Junior Class, '22-'23; Vice President Honor "A" Society, '22.
Varsity Basketball, '21-'22; Captain, '22.





CLASSES

PHILIP DAVID SANG
November 27, 1902.
Crane Technical High School.
Sigma Alpha Mu; A. S. M. E.

EDWARD JOSEPH SCHAACK
September 9, 1902.
St. Cyril High School.
A. S. M. E.

MARTIN C. SCHULZE
February 3, 1896.
Lane Technical High School.
Y. M. C. A.; A. S. M. E.; Gun and Blade.
President, Y. M. C. A., '22-'23.

GERHARD N. SCHUMACHER
December 6, 1901.
Englewood High School.
Beta Phi, Honor "A" Society; A. S. M. E.
Chairman Jewelry Committee; Inter-Frat. Contest Manager of A. T. A. A.
Basketball, '20-'23; Baseball, '20-'23; Tennis Champion, '22; Captain, Champion Indoor Team, '20-'23; Captain Class Basketball Team, '20-'23; Class Athletic Representative, '20-'23.

CLASSES

LOUIS S. SKRIBA
April 6, 1896.
Crane Junior College.
A. S. M. E.



JOSEPH SELWYN SLOAN
May 30, 1902.
Harrison Technical High School.
A. S. M. E.



EARL H. SORENSEN
July 23, 1900.
Carl Schurz High School.
A. S. M. E.



JACOB STANGLE
August 9, 1900.
Englewood High School.
Sigma Alpha Mu; A. S. M. E.
Wrestling Team, '21, '23.





GEORGE BROWNLEE STANTIAL
October 1, 1901.
Senn High School.
Delta Tau Delta; A. S. M. E.
Vice President, Sophomore Class; Junior Marshal; Vice President, A. S. M. E.
Interclass Baseball, '20-'22.

WILLIAM J. TARRANT
October 11, 1900.
Senn High School.
Phi Kappa Sigma; A. S. M. E.; Radio Club, '21-'22; Glee Club, '23.
Invitation Committee.

ADELBERT J. VERPLANK
March 10, 1902.
Emerson High School, Gary, Indiana.
Beta Phi; A. S. M. E.; Glee Club, '20.

WILLIAM HARRY VICKERS
March 19, 1900.
Englewood High School.
Scroll and Triangle; A. S. M. E.
Treasurer Senior Class.
Interclass Basketball, '20-'22; Interclass Baseball, '20-'22.

JOHN LEO WALSH
September 25, 1899.
Crane Junior College.
Theta Xi; Honor "A" Society; A. S. M. E.
President, Honor "A" Society; Coach, Varsity Baseball Squad, '21-'23; Baseball Team, '21-'23; Chairman Picture Committee.

RICHARD HENRY WALWORTH
July 23, 1897.
Hillsdale High School, Hillsdale, Mich.
Scroll and Triangle; A. S. M. E.; A. S. E.
Member Social Committee Senior Class.
Interclass Baseball; Golf.

RALPH O. WICKEL
April 17, 1900.
Carl Schurz High School.
Scroll and Triangle; Tau Beta Pi; A. S. M. E.
Chairman, Invitation Committee.
Interclass Indoor Team; Tennis.

B. S. in E. E.

ERLING AUGUST ARENTZ
May 15, 1902.
Lane Technical High School.
A. I. E. E.; Radio Club.
Boxing and Wrestling Club.





CLASSES

DONALD CLEMENT COLBY
March 17, 1901.
Harrison Technical High School.
A. I. E. E.
Marshal, Junior Class; Member Auxiliary Committee.
Track, '21-'23; Basketball, '22; Interclass Baseball, '22.

WEBSTER O. CRANE
May 24, 1894.
Grand Meadow, Minn., High School.
A. I. E. E.; Radio Club.

FRANK J. DOLESH
December 16, 1900.
Crane Technical High School.
A. I. E. E.; Radio Club.

PETER JACOB JOSEPH DUERINCK
December 3, 1900.
St. Ignatius Academy.
Tau Beta Pi; Eta Kappa Nu; A. I. E. E.

CLASSES



EDWARD F. ECKHARDT
October 6, 1898.
Lane Technical High School.
A. I. E. E.

RALPH DUNCAN FISHER
July 26, 1896.
Fargo, North Dakota, High School.
Theta Xi; Eta Kappa Nu; A. I. E. E.

JOHN KRAMER
February 6, 1898.
Wendell Phillips High School.
A. I. E. E.

MANFRED B. KREBS
February 3, 1900.
Bowen High School.
Eta Kappa Nu; A. I. E. E.



MARVIN R. R. LEVIN
April 17, 1902.
Tilden Technical High School.
A. I. E. E.

HAROLD G. LOVE
August 13, 1901.
Central High School, Grand Rapids.
Phi Kappa Sigma; Eta Kappa Nu; Tau Beta Pi; A. I. E. E.

V. EDWARD LOWDEN
January 24, 1902.
Parker High School.
Tau Beta Pi; Eta Kappa Nu; A. I. E. E.; Glee Club, '20.

DOUGLAS F. MILLER
June 20, 1900.
Harrison Technical High School.
A. I. E. E.; Glee Club.

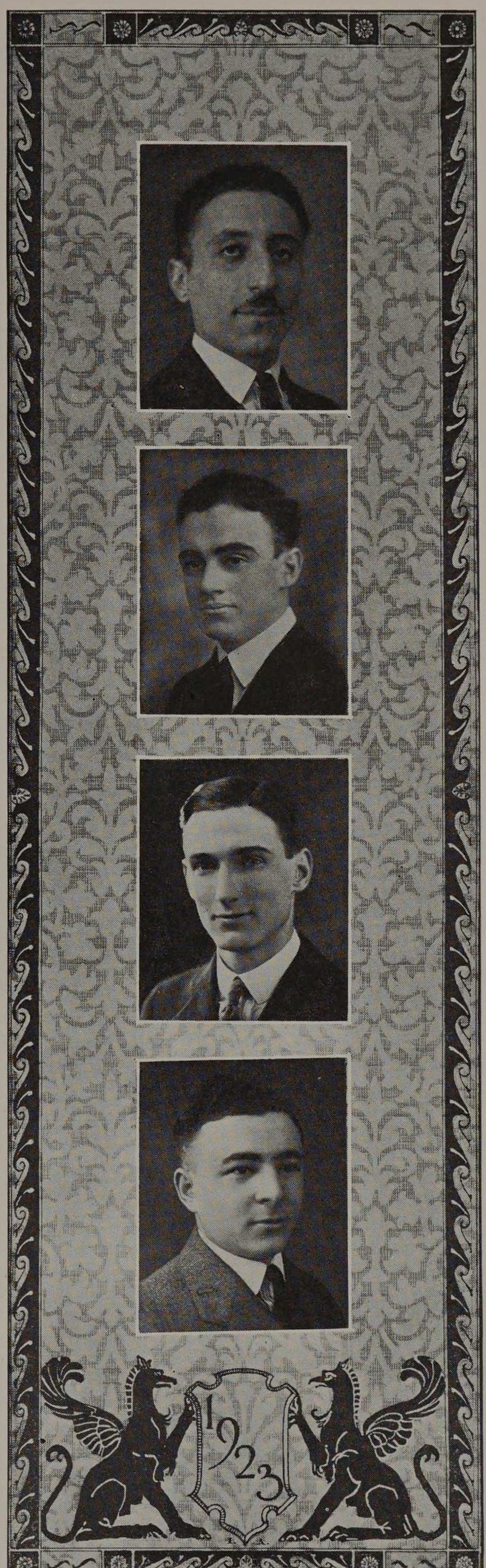
CLASSES

MAX A. OBOLER
May 12, 1897.
Hoffman Prep. School.
Umen; A. I. E. E.; Radio Club; Y. M. C. A.

WILLIAM A. O'BRIEN
August 8, 1901.
Bowen High School.
Tau Beta Pi; Eta Kappa Nu; Honor "A" Society; A. I. E. E.
Vice President, Junior Class.
Baseball, '21-'23; Interclass Indoor Baseball.

HAROLD MARKLE PIETY
January 14, 1900.
Crane Junior College.
Eta Kappa Nu; A. I. E. E.

JOSEPH J. RAPHLING
February 19, 1902.
McKinley High School.
A. I. E. E.





MAX LEONARD SCHWARTZ
February 19, 1895.
Lewis Institute Academy.
A. I. E. E.

MORRIS SPECTOR
May 9, 1902.
McKinley High School.
Umen; A. I. E. E.

ROBERT ALLYN TEMPLE
July 10, 1901.
Lane Technical High School.
Theta Xi; Eta Kappa Nu; Armour Tech Musical Clubs, '21-23; A. I. E. E.

FREDERICK VALENTINE WALTERS
February 14, 1902.
Wendell Phillips High School.
Glee Club; Radio Club; A. I. E. E.

PAUL BISSELL WEST
May 17, 1901.
Oregon High School.
A. I. E. E.; Radio Club.

B. S. in C. E.

CARL WENDELL CARLSON
July 26, 1895.
Hoffman Preparatory School.
Scroll and Triangle; Chi Epsilon; W. S. E.; A. A. E.; Dramatic Society; Adventurers' Club.
Treasurer, W. S. E.

EUGENE FIELD DEBRA
December 22, 1897.
Missouri Wesleyan Academy.
Scroll and Triangle; Chi Epsilon; W. S. E.; A. A. E.; Radio Club; Dramatic Society; Adventurers' Club.

SAMUEL DELEVITT
December 22, 1900.
Hoffman Preparatory School.
Rho Delta Rho; W. S. E.
Invitation Committee.
Interclass Basketball, '19-'22; Indoor Championship Interclass Teams, '19-'22.





LEON EDIDIN
November 19, 1900.
Crane Technical High School.
W. S. E.; A. A. E.; Umen.

FRED GRAHAM FREDERICK
December 31, 1899.
Lewis Institute.
Chi Epsilon; W. S. E.

CHARLES S. FRINK, JR.
May 5, 1902.
Senn High School.
Chi Epsilon; W. S. E.
Golf, '22, '23; Interclass Baseball; Captain Golf Team, '23.

GEORGE GOEDHART
March 12, 1901.
Calumet High School.
Scroll and Triangle; Chi Epsilon; W. S. E.
Vice President, W. S. E.; Jewelry Committee.
Interclass Basketball.

CLASSES

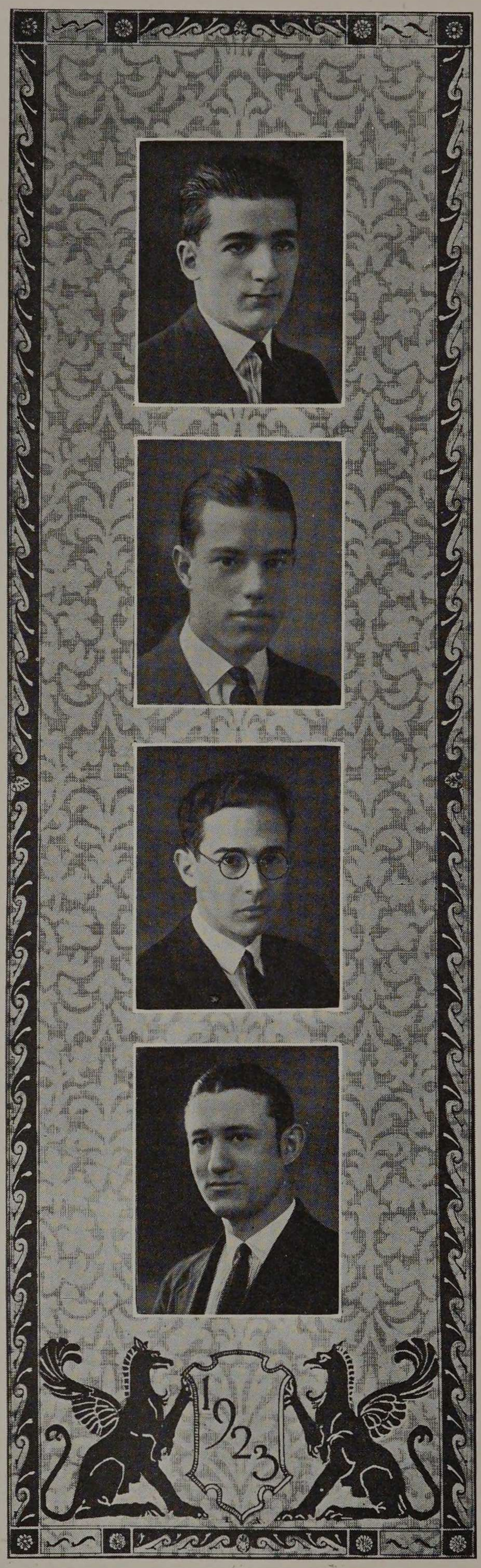


DAVID BERNARD GOLDBERG
November 15, 1901.
Wendell Phillips High School.
Rho Delta Rho; W. S. E.

JOHN J. GORDON
October 5, 1900.
Parker High School.
W. S. E.

ALDEN T. HAGUE
April 2, 1900.
Blue Island High School.
W. S. E.; Armour Tech Summer Surveying Camp Club, '22.

FREDERICK A. HESS
June 28, 1901.
Lane Technical High School.
Chi Epsilon; W. S. E.; A. A. E.
Board of Managers, W. S. E.; Interclass Athletic Manager of A. T. A. A.
Indoor Baseball, '21, '22; Basketball, '20-'22.



CLASSES

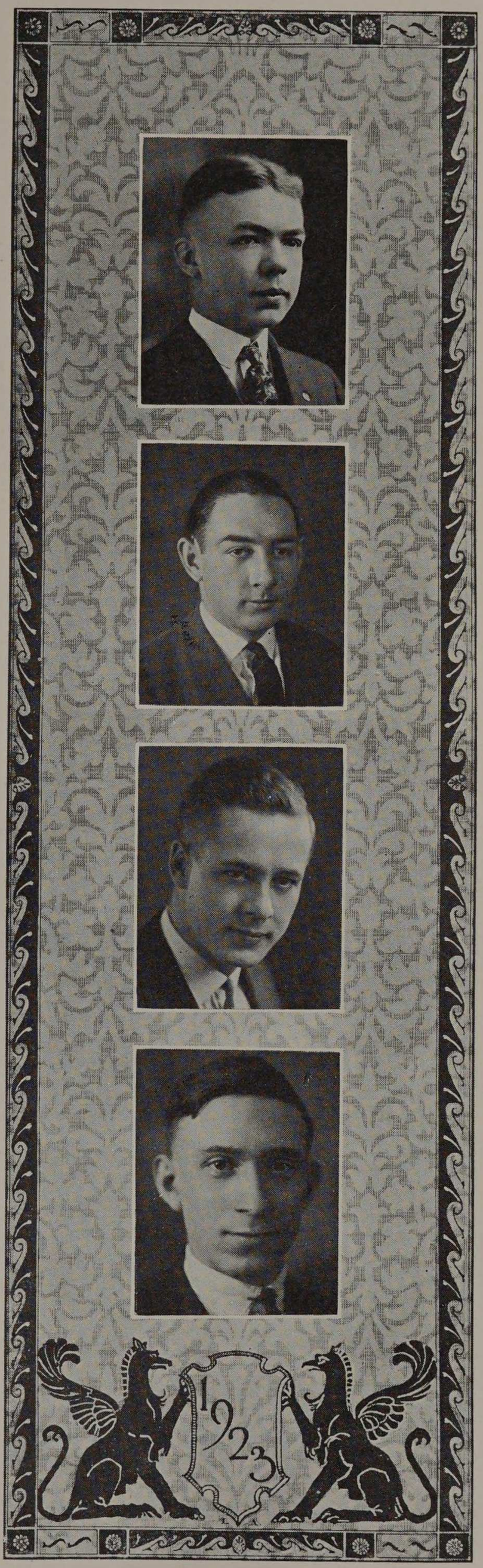
PHILIP ISENBERG
November 14, 1901.
Senn High School.
Tau Delta Phi; W. S. E.; A. A. E.
Chairman, Cap and Gown Committee.

HAROLD W. JOHNSON
September 1, 1903.
Fenger High School.
A. A. E.; W. S. E.
Sophomore, Junior Indoor Team; Interclass Basketball.

THEODORE J. KAUDERS
September 26, 1901.
Hyde Park High School.
Tau Delta Phi; W. S. E.
Secretary, W. S. E., '22-'23.

DAVID M. MANDEL
December 6, 1901.
Morton High School.
W. S. E.; A. A. E.; Umen.

CLASSES



ROBERT SPRAGUE MAYO
November 19, 1900.
Virginia Polytechnic Institute.
Scroll and Triangle; Chi Epsilon; W. S. E.; Mathematics Club; A. A. E.; Adventurers' Club.
Social Chairman, W. S. E.

THOMAS JOSEPH MCHUGH
December 12, 1901.
Hyde Park High School.
W. S. E.

HAROLD WALKER MUNDAY
August 18, 1901.
Senn High School.
Scroll and Triangle; Chi Epsilon; Honor "A" Society; W. S. E.; A. A. E.; Armour Tech Summer Surveying Camp Club, '22.
President, Senior Class; President, Armour Tech Athletic Ass'n; President, W. S. E.; President, Armour Tech Summer Surveying Camp Club, '22; Honorary Member, Honor "A" Society; Member Board of Athletic Control; Chairman, Football Committee; Member Finance Committee; Department Editor *Cycle*, '22.

CHRISTIAN M. MEYERS
July 1, 1897.
Crane Technical High School.
W. S. E.; Adventurers' Club.



WILLIAM H. O'BRIEN

March 23, 1901.
De Paul High School.
W. S. E., Armour Tech Summer Surveying Camp Club, '22.

EDWARD WARREN PRENTISS

May 30, 1900.
Senn High School.
Chi Epsilon; W. S. E.; A. A. E.; Armour Tech Summer Surveying Camp Club, '22.
Picture Committee.

SIMON ROTBERG

March 19, 1900.
Austin High School.
Sigma Alpha Mu; W. S. E.
Varsity Basketball, '20; Varsity Baseball, '20-'21; Class Basketball, '20-'23; Championship Indoor Baseball Team, '19-'21.

MAX MATTHEWS SALZMAN

March 12, 1900.
Crane Technical High School.
Tau Delta Phi; Dramatics Club; W. S. E.
Senior Baseball; Indoor Baseball; Basketball.

CLASSES



MILTON B. SIMPSON
August 27, 1899.
Parker High School.

LAWRENCE T. SMITH
November 22, 1899.
Calumet High School.
W. S. E.; A. A. E.; Adventurers' Club.

ORMAS G. SMITH
May 28, 1900.
Lane Technical High School.
Chi Epsilon; W. S. E.; A. A. E.; Math Club.

B. S. in Ch. E.

JOSHUA BERNSTEIN
January 24, 1891.
Medill High School.
A. C. S.; A. I. Ch. E.



CLASSES

MORRIS COHEN
June 11, 1897.
Lane Technical High School.
Phi Lambda Upsilon; Umen; A. C. S.; A. I. Ch. E.
Treasurer, A. I. Ch. E., '23.

GEORGE DARWIN CRANE
May 26, 1899.
East Denver High School, Denver, Colorado.
Scroll and Triangle; Tau Beta Pi; Phi Lambda Upsilon; Glee Club, '21-'23; A. I. Ch. E.; A. C. S.; Gun and Blade.
Treasurer, Glee Club, '22-'23; President' A. I. Ch. E., '22-'23.

FRED CADEN DOWNS
June 6, 1896.
Wendell Phillips High School.
A. I. Ch. E. S.; A. C. S.

JOHN J. GAPINSKI
January 31, 1897.
Hoffman Preparatory School.
A. I. Ch. E.

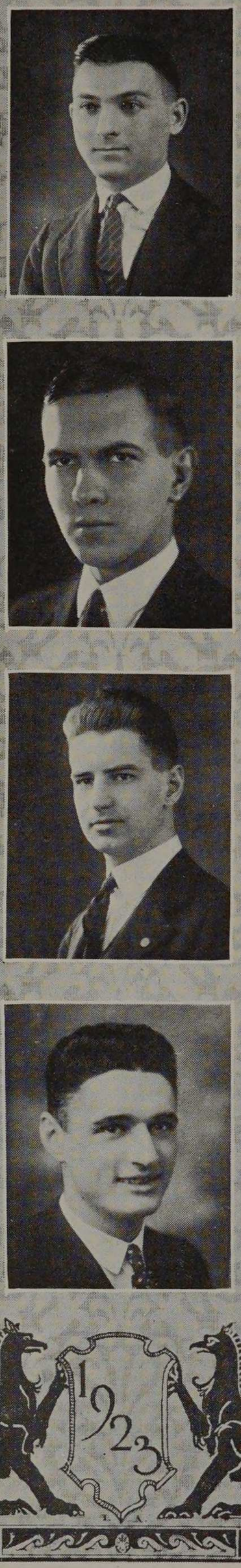
ALLAN HILL
July 9, 1898.
St. John's Technical High School, Winnipeg.
Beta Phi; A. I. Ch. E.; A. C. S.
Track.

MERLE CARO NUTT
June 10, 1900.
Western Military Academy, Alton, Illinois.
Delta Tau Delta; Phi Lambda Upsilon; Tau Beta Pi; Sphinx; Glee Club; A. Ch. E. S.; A. I. Ch. E.
Editor-in-Chief, *Cycle*, '22; Department Editor *Engineer*, '23; Sophomore Class Secretary; Freshman and Senior Social Committees.

RICHARD L. RUMELY
December 12, 1900.
Sycamore High School, Sycamore, Illinois.
A. I. Ch. E.; A. C. S.

BENJAMIN L. SITES
May 2, 1901.
Wendell Phillips High School.
Phi Lambda Upsilon; Tau Beta Pi; A. I. Ch. E.
Cap and Gown Committee.





EMANUEL SKOLNICK
May 5, 1900.
Marshall High School.
Rho Delta Rho; A. I. Ch. E.
Junior Class Basketball.

JAMES W. SPENSLEY
May 21, 1902.
New Providence, Iowa, High School.
Scroll and Triangle; Tau Beta Pi; Phi Lambda Upsilon; A. I. Ch. E.; A. C. S.; Jewelry Committee.

JOHN RICHARD WILSON
May 1, 1897.
Lake View High School.
Phi Lambda Upsilon; Glee Club; Orchestra; Band; A. C. S.; A. I. Ch. E.

B. S. in F. P. E.

GEORGE GRAHAM BLAIR
March 30, 1902.
Crane Technical High School.
Theta Xi; Salamander; F. P. E. S.
Track; Senior Relays.

CLASSES

ORA LEONARD COX

September 7, 1896.
Lewis Institute.
Delta Tau Delta; Tau Beta Pi; Salamander; F. P. E. S.; Glee Club, '22.
President, F. P. E. S.; Social Chairman Armour Athletic Ass'n; Chairman, Auxiliary Committee.



CHESTER WILLIAM HAUTH

June 17, 1900.
Senn High School.
Theta Xi; Salamander; F. P. E. S.
Vice President, Senior Class; Treasurer, Sophomore and Junior Class; Director, First and Second Annual Frosh Frolic.



RAYMOND O. MATSON

February 14, 1895.
Englewood High School.
Theta Xi; Tau Beta Pi; Salamander; F. P. E. S.
Cap and Gown Committee.



JOHN CLARK WORLEY

August 29, 1900.
Bradley Polytechnic High School.
Theta Xi; Salamander; F. P. E. S.





B. S. in A.

FRED EMERSON SLOAN
October 10, 1898.
Havana, Illinois, High School.
Phi Kappa Sigma; Scarab; A. A. S.
Secretary, Junior Class; President, Junior A. A. S.
Interclass Basketball, '19-'22; Varsity Baseball, '23.

EUGENE FUHRER
February 1, 1902.
Carl Schurz High School.
A. A. S.
Massier A. A. S., '22-'23.

ALBERT R. HAUSER
August 22, 1902.
John Marshall High Schiil.
A. A. S.
Secretary-Treasurer, A. A. S.

ELMER A. JOHNSON
April 22, 1901.
Senn High School.
Scroll and Triangle; Scarab; Tau Beta Pi; Honor "A" Society; A. A. S.; Glee Club.
Basketball, '20-'23; Interclass Basketball, '20, '21.

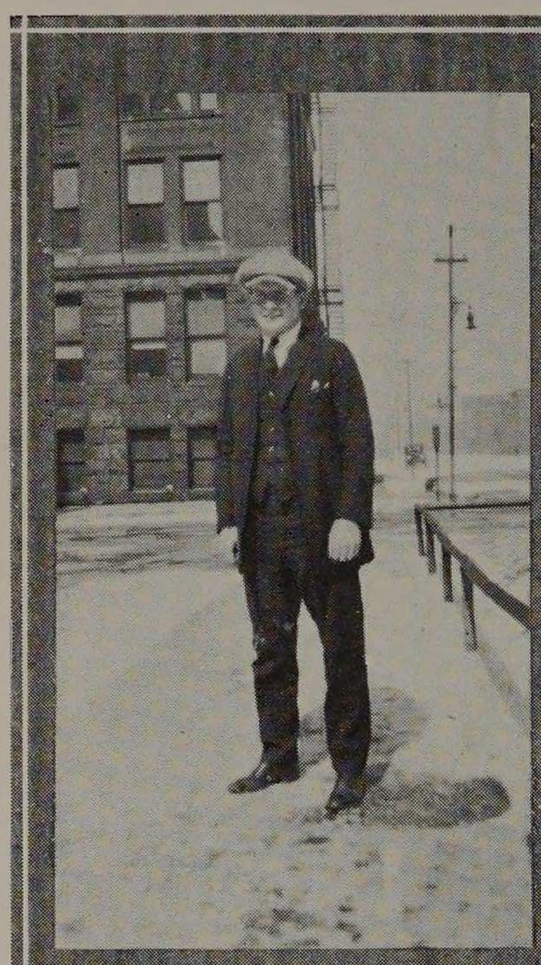
CLASSES

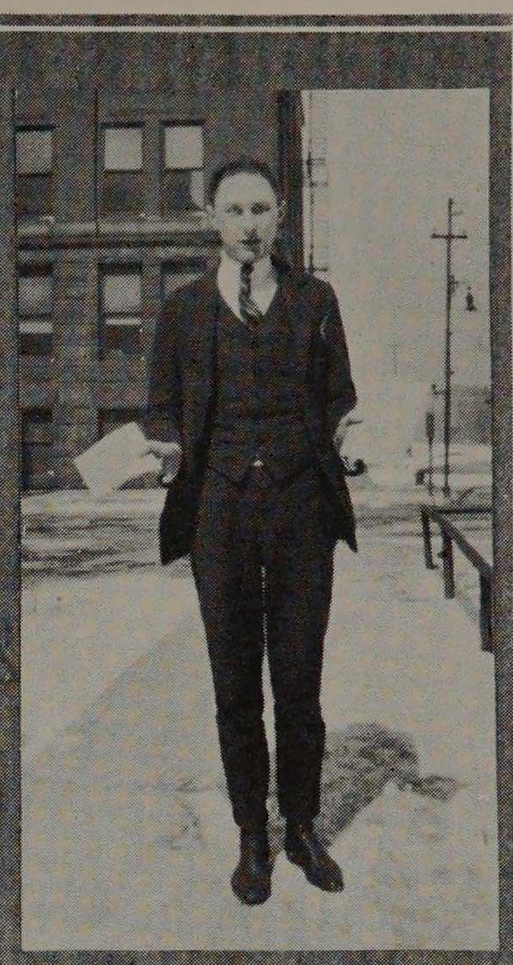


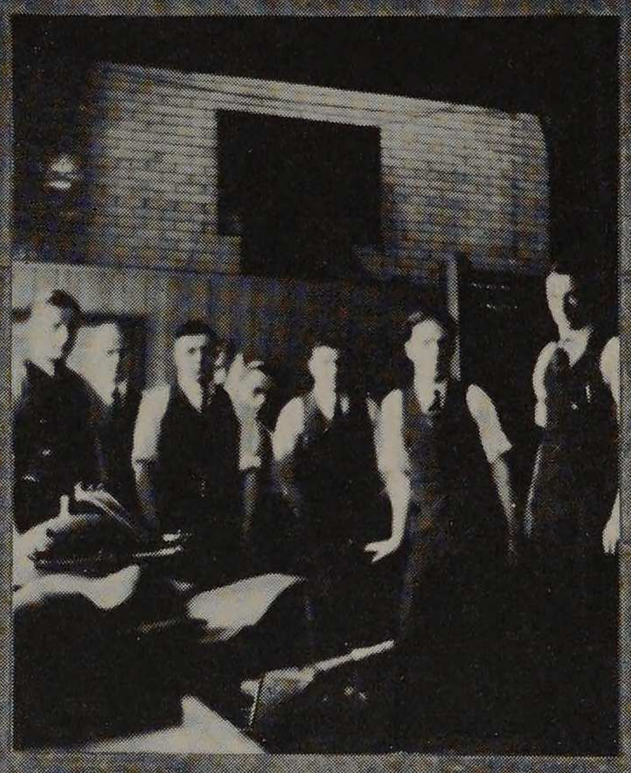
WALTER LINDSAY SUTER
June 19, 1902.
Hyde Park High School.
Scarab; A. A. S.

ROBERT C. TROW
September 27, 1895.
Delavan High School, Delavan, Wisconsin.

ANDREW STEWART CLARK
March 21, 1897.
West Division High School, Milwaukee, Wisconsin.









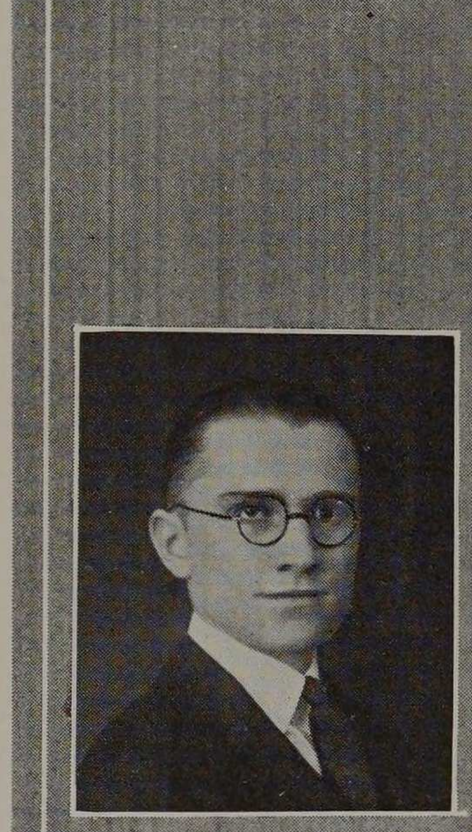




JUNIORS



Officers of the Junior Class



Harsha



Barrett



Glover



Friedman

EUGENE A. BARRETT.....*President*
JOSEPH N. GLOVER.....*Vice-President*
HOMER C. FRIEDMAN.....*Secretary*
EDWARD N. HARSHA.....*Treasurer*
EDWIN A. LOMMEN.....*Sergeant-at-Arms*
ALBERT H. JOSEPH.....*Junior Marshal*

History of the Junior Class

A Symphonic Poem

When Amy Lowell
And Carl Sandburg
Take long lines of prose
And chop them up into short lines of poetry,
They are accomplishing for literature
Precisely what the Junior Class
Accomplishes for history
When it takes long months of school
And chops them up into short spasms of activity.
Beginning
With two class meetings,
On September twenty-fifth and twenty-eighth,
That were mainly concerned with the election
Of a President
And a Vice-President
To match,
And all the other officers presumably essential to
An organized class,
The class continued thru the fall months
Suffering entertainment from the Freshman Handshake
And the Senior Dance,
Fostering the Frosh Frolic,
And then came forth from its period of suspended activity
With the Junior Dance on December fifteenth
At the Hotel Sherman.
The effects of the night out
Prevented all possible recovery
Until February fourteenth,
When the prospect of Proms,
Formal,
And otherwise,
Were discussed,
Debated,
And disagreed upon.
And then
With the first bloom of spring,
Cycle activity
And Circus Day plans that had been taking root
All winter,
Sprang into full flower
And with the Junior Prom
At the Congress Hotel
Made a worthy climax
To the Junior year.



CON





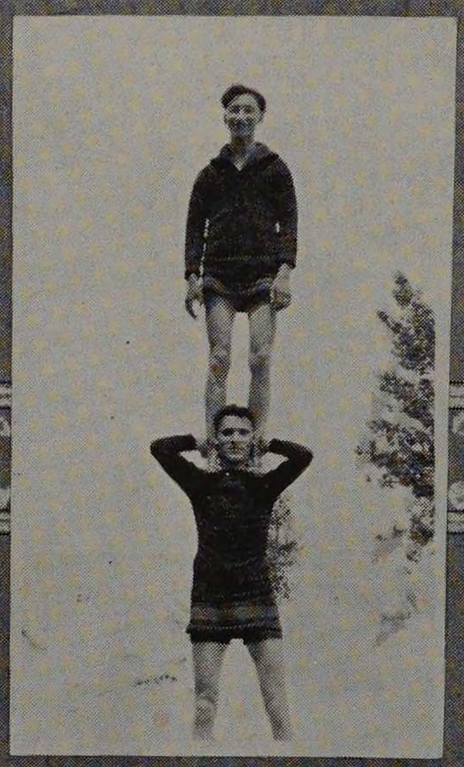
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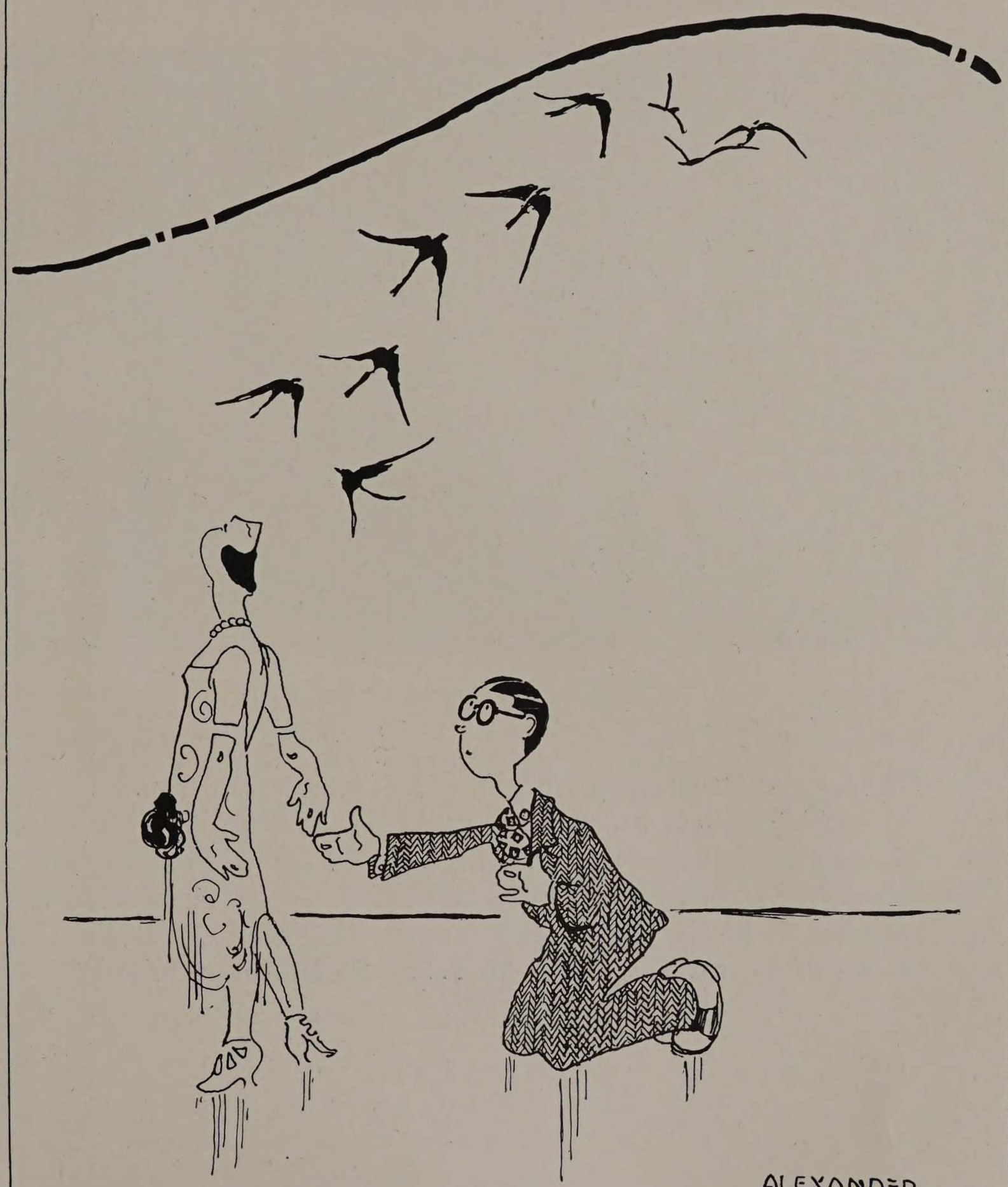
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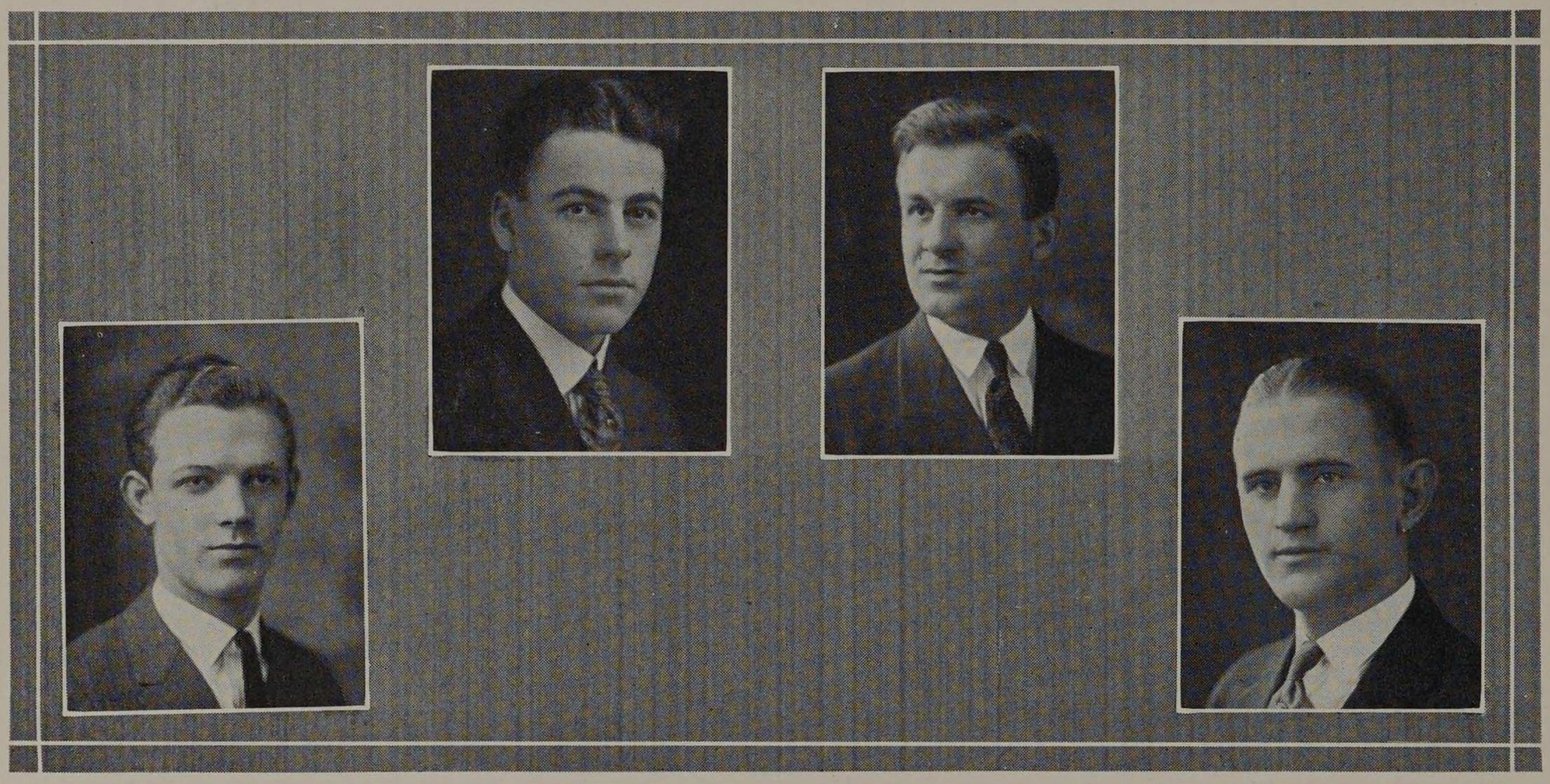
The Class of 1924

SOPHOMORES



ALEXANDER

Officers of the Sophomore Class



Smith Whitehill Plocar Springer

HARRY P. WHITEHILL.....*President*
CHARLES J. PLOCAR.....*Vice-President*
JOSEPH G. SPRINGER.....*Secretary*
ROBERT A. SMITH.....*Treasurer*
WILLIS J. MCCAULEY.....*Social Chairman*
EUGENE VOITA.....*Cycle Representative*

The Sophomore Diary

I, being egotistic, keep a diary, wherein I voice my hopes, my present feelings, and my past accomplishments; for I am a Sophomore, and I take all things, even diaries, seriously. So it is that I have a record of the two years that are passed—my own record, and one which none shall alter, for it was written for my eyes to read, my mouth to speak, and my heart to understand; and being the record of Sophomores *by* a Sophomore, who shall dare refute its inner subtleties, its learned wisdom, and its undeniable veracity?

I quote—

"*September 12, 1921.*—Yes, this is a day that Armour shall recall with justifiable pride. With two hundred eager, hopeful, ambitious young men as my companions, I entered the Armour Institute of Technology and paid my first tuition fee."

"*September 28, 1921—Midnight.*—My first experience at a 'Handshake.' I am sincerely beginning to believe that the osculatory form of greeting, even among men, may be a more desirable method than the present one. However, a sore wrist is only a souvenir of a good time."

"*December 7, 1921.*—I am considering that a serious endeavor on my part would place me among the ranks of truly great actors. After my performance this evening in the Frosh Frolic, I am convinced that I am losing money by going to school."

"*April 21, 1922.*—Or rather, I should date this the twenty-second, for it is long after midnight, the girl is safely home, the taxi bill is paid, and before I drop off to sleep, let me stay awake just long enough to tell you, dear Diary, that our Freshman dance at the La Salle was more than a mere *dance*—it was a triumph!"

"*September 11, 1922.*—I see that we are starting one day earlier than last year, but it is a good thing: I needed all of it to tell the rest about the fish I caught, and the work I did, and the money I made, and so forth *ad infinitum,* all accomplished in one short summer. Of course, I have had no time to consider studies as yet."

"*April 6, 1923.*—I have inscribed in your pages the record of many dances, but I want you to take pains to note this one. It has been a wonderful night. The dance, even the floor, outshone all others; and like my girl's dress, it was beyond human imagination, and to attempt to describe it would be doing it an injustice."

There are other excerpts that I might quote, and yet, like the contents of all diaries, they are of little importance; furthermore, I see that I have neglected to include in my diary some matters of the first rank, which it will be necessary to record here. I refer to our athletic celebrities. All Armour is proud of its athletic teams, and, I think, the Sophomore class has reason to take especial pride in the fact that it contributes the majority of members to the various teams. I do not doubt for an instant that Springer, Davis, Greenleaf, and Gaylord are basketball stars. Neither do I doubt that Baird, Huff, and Pate are track stars. And likewise, I believe that Plocar, Geiger, Ruzich and McCauley are indeed baseball stars. Such is my creed. And in this miscellany of events, I must not fail to mention that I helped the Sophomores win the sack rush—I took the snapshots of it!



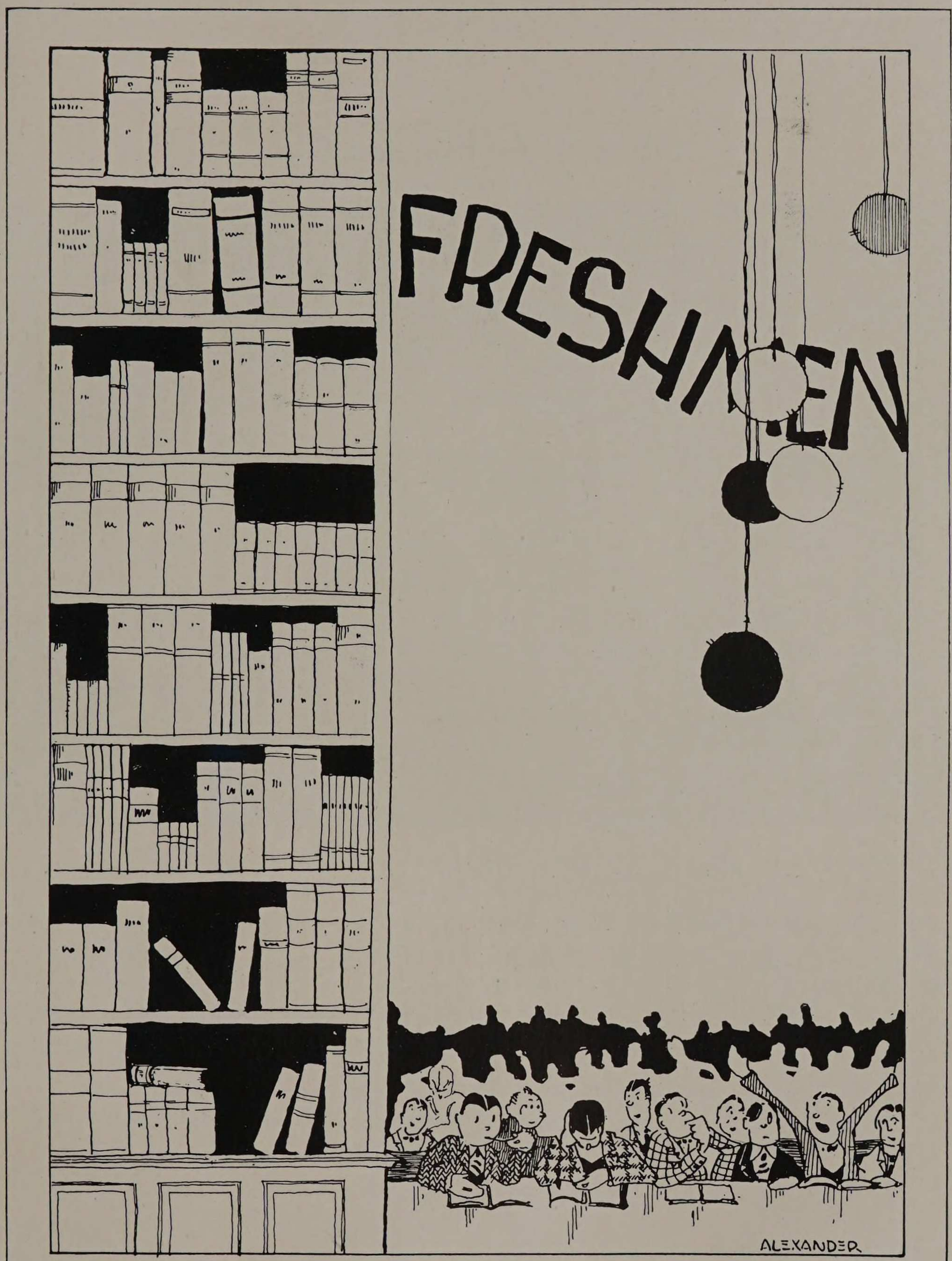
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The Class of 1925


FRESHMEN
ALEXANDER

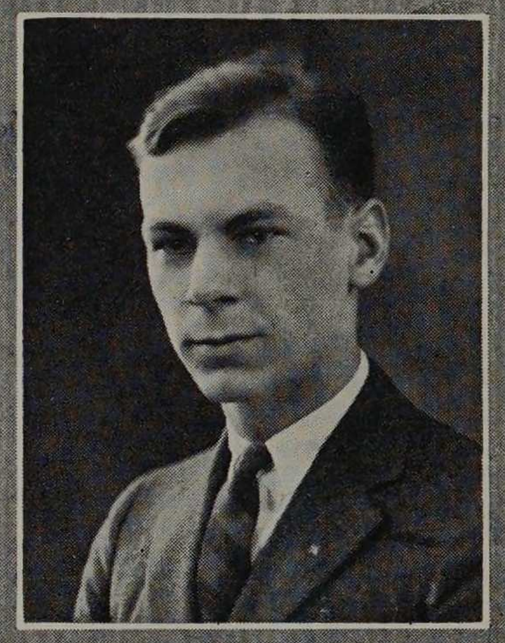
Officers of the Freshman Class



Hogan



Gorder



Lang

LESLIE GORDER ..... *President*

CHARLES LANG ..... *Secretary*

JOHN HOGAN ..... *Treasurer*

WILBUR SARGENT ..... *Cycle Representative*

Freshman Class History

On September eleventh, nineteen twenty-two, the door opened wide and the Class of '26 became a reality. Two hundred and seventy-five of us were bumped and jostled, questioned and excited, while we waited in line before the Office of the Dean. Thus, the Engineers of '26 began their college career.

On October thirteenth our first meeting was held in Science Hall. Much confusion was caused by the members continually occupying seats behind the posts, according to classroom custom; yet they soon discovered that, in the present case, this habit was to no advantage. Dean Monin served as adviser, and presided until after the election of the president, who then took the chair. The meeting was conducted absolutely according to "Hoyle," as most Freshman meetings are, and the secretary and treasurer were duly elected. The majority of the class was at this time seized by sudden pangs of hunger and the meeting adjourned, leaving the social chairman, athletic and *Cycle* representatives to be elected at the following meeting.

Two weeks later we held our next meeting. Mr. Cox spoke on the Frosh Frolic and the decision was reached that it must be made a success. The three above-mentioned class officers were elected with comparatively little confusion, and it was also decided that the class dues should be one dollar for the year, which were preferably payable immediateiy after the meeting.

At the third meeting, on November twenty-third, Mr. Hauth further enlightened us as to the details of the Frosh Frolic. Four men of the class were placed in charge of the Frolic. Inasmuch as the Frosh Basketball Team was champion of the Inter-class Tournament, the class voted that, as an appreciation of their efforts, sweaters be given the members of the team. These were presented at the meeting on January eighth to Busch, Danziger, Downes, Kingsley, Lee, McClaren, Mallory, and E. Peterson.

At the meeting of February fifteenth, a decision was reached that the Frosh dance would be held on April twentieth.

Freshman Handshake

About a week had passed when the Freshman began whispering to one another, "This is some grind; nothing but work, work, work!" Ah! they did not know what was coming, but they soon found, from the notices on the bulletin boards, that the Freshman Handshake would be held the next week, on September thirtieth. Well, things were getting brighter for the Freshmen!

On Friday night the mission was crowded at 8 P. M. The Freshmen were then officially received by the faculty, student body, and the Y. M. C. A. The meeting was opened by Mr. Schultze, president of the Armour "Y." President Raymond then welcomed the Freshmen to Armour and enlightened them on the standards of the school. The jazz band then rendered a few peppy selections. Mr. Hollister, Executive Secretary of the Central Y. M. C. A., gave a short talk on the relation between the Central "Y" and the Armour branch. "Gerry" Schumacher was called upon to say a few words concerning athletics at Armour. Dr. Scherger gave an interesting speech on his trip to Europe and the conditions existing over there at the present time. The speeches were interspersed with wild outbursts from the cheer leaders in an effort to teach the Freshmen the Armour yells.

Later everyone filed downstairs where doughnuts and cider were served. After all had been well satisfied, they went to the Gym to witness the basket-ball game between the Juniors and Sophomores—a game that was hotly contested, with the Juniors winning by one basket.

The Frosh Frolic

The Frosh Frolic was held on December thirteenth. A cup was offered by the Athletic Association to the group having the best act, thus making the competition keener and all the acts comparatively better. Mr. Hauth and Mr. Cox sponsored the affair throughout. Four Freshmen were placed in charge of the Frolic activities, and it is to them we can credit much of the success of the Frolic.

The judges awarded the cup to the act entitled "Wild Nell, or, The Pet of the Plains," a take-off on a movie scenario typical of its name. In this feature, Nazimova's only rival was discovered in no less a personage than that of Wild Nell herself. All the presentations of the evening were of nearly equal merit and each received due credit.

The Frosh Frolic was declared by all to be successful in every way, and we can offer no better testimonial to this fact than that the Sophomores themselves acclaimed it a triumph.



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The Frosh Frolic

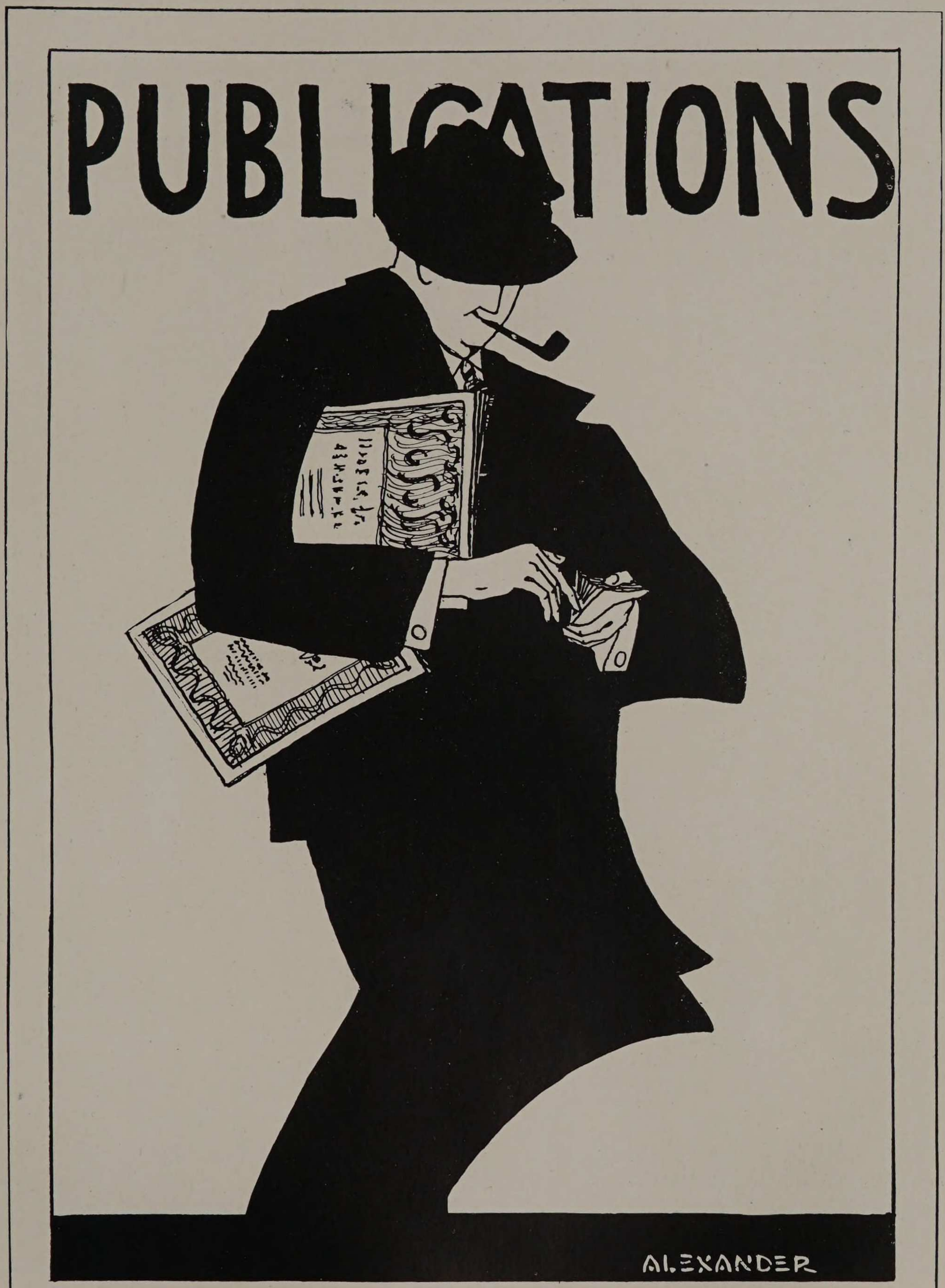
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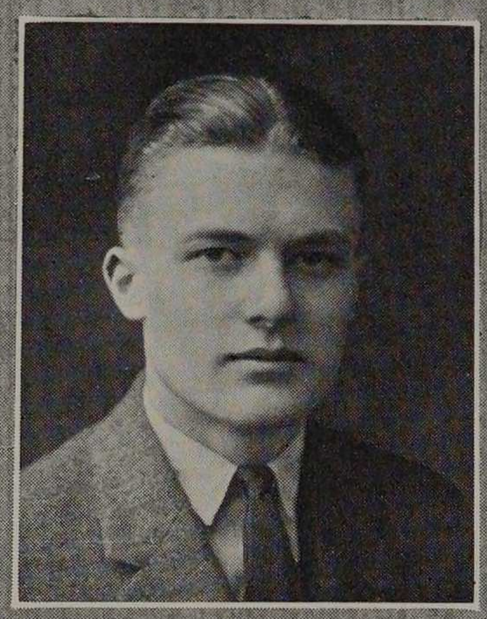
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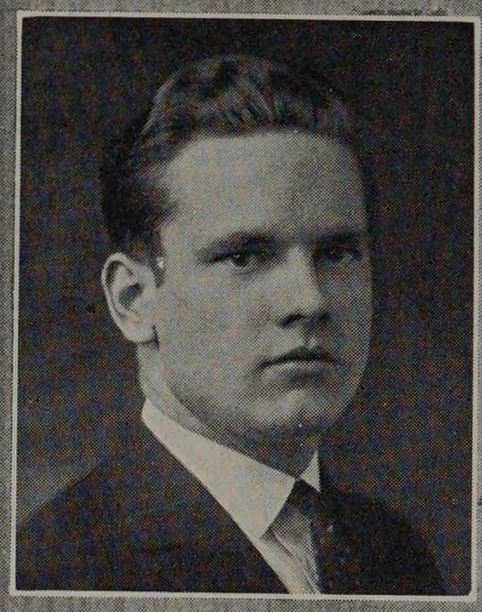


The Class of 1926


PUBLICATIONS
ALEXANDER







Brown

Farrell

Cole



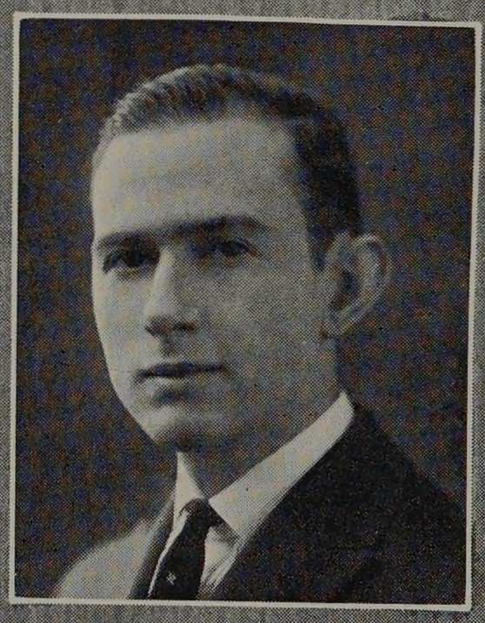


Stiehl
Editor-in-Chief

Thoelecke
Associate Editor







Sweeney

Alexander

Blumenthal

THE 1923 CYCLE

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NORMAN B. OLSEN.....*Assistant Business Manager*
WILLIAM E. SCHWEITZER.....*Advertising Manager*

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JOSEPH N. GLOVER.....*Fraternity Editor*
C. STEWART COLE.....*Organizations*
MALCOLM L. BROWN.....*Engineering Organizations*
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FRANCIS H. BLUMENTHAL.....*Photograph Editor*
GEORGE DARWIN CRANE.....*Senior Representative*
EUGENE VOITA.....*Sophomore Representative*
WILBUR S. SARGENT.....*Freshman Representative*

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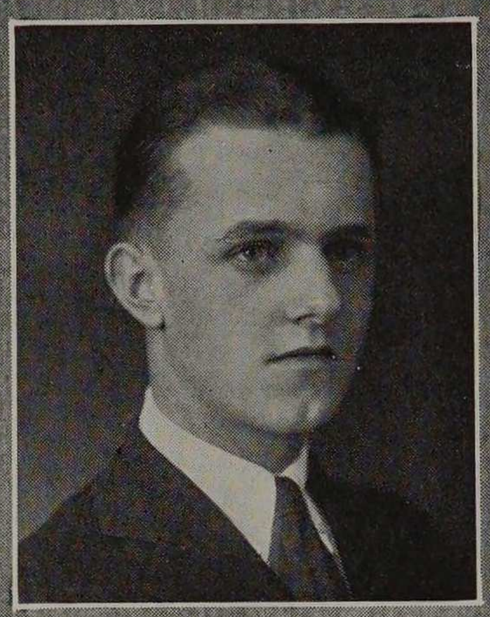
Literary

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Harold Munday	Andrew A. Anderson	

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Donald Colby	Joseph Hayes	LeRoy Kaye

Acknowledgment is made to President Raymond, to Dean Monin, to Professor Freud and Professor Penn for their active assistance from both a literary and critical standpoint in forming this book. To Mr. Allison, the staff acknowledges its appreciation of financial guidance thruout the year. To "Matty," our Engraver and Chief Healer, and to Mr. Niehaus of the Severinghaus Printing Company, we extend our sincerest thanks, regretting that space will not allow us to enlarge upon their respective tributes to an amount compatible with the assistance rendered.







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Olsen

Harrington





Ruddiman
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Voita

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Sargent

EDITORIAL

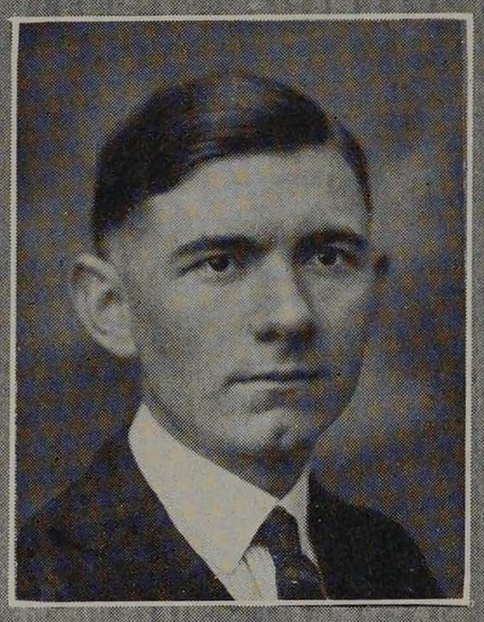
In editing the *Cycle* for the year 1922-1923, two very distinct facts presented themselves on the editorial horizon: first, that the 1923 *Cycle* was to be produced from a stated amount of money, no more and no less; and second, that this book was destined to reach every student of the Institute. The knowledge of these facts solved many questions that have been the burden of former years; at the same time, the very existence of this situation created many new problems. This was to be a book that should not have its appeal to the upper classmen alone, but to the student body as a whole, and although the traditional importance of Seniors and Juniors might tend to tip the scales of editorial favor in their direction, sheer force of numbers brought the Sophomores and Freshmen up to the balance of interest. In addition to the broader aspect required, the fact that every student would possess a copy of the book for each one of his four years at Armour, implied that as little duplication as possible of the "routine" material be included, for a "rubber stamp" process of producing successive volumes is both unnecessary and undesirable. Therefore every effort has been made to meet the demands of the present situation, and it is the hope of the staff that the result may meet the conditions. Those who regard the year book as an extraneous affair and the work attendant thereto a necessary evil, merely confess their inability to fully appreciate one of the essential phases of college life—the production of an enduring record that shall serve to unify the alumni, faculty and student body in one comprehensive entity. To those who have entered into the work with interest in place of indolence, pleasure in place of pessimism, and co-operation in place of condemnation, the forming of this book has not been "a thankless task," but one that has its reward—if reward must be had—in the achievement of an annual worthy of the school, the class, and themselves.

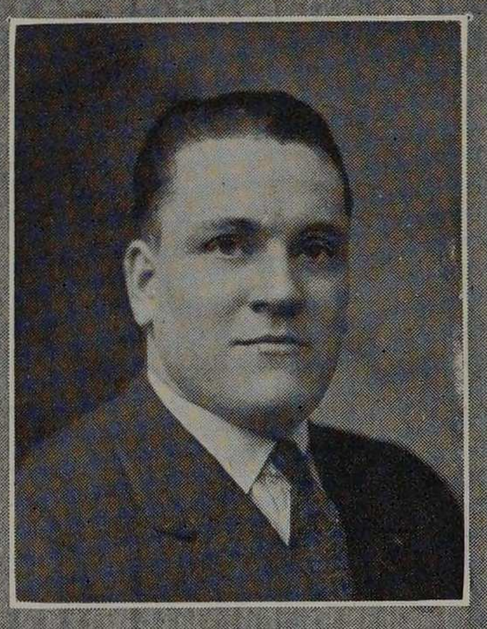


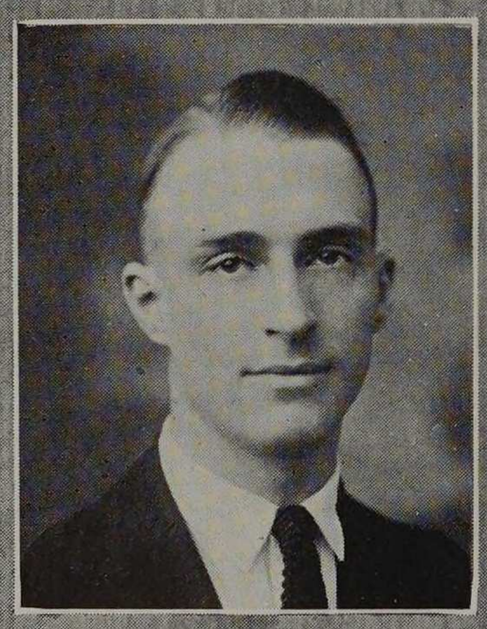
















Pierce
Nutt
Beckwith

Lizars
Christensen
Farrell

Grube
Johnson
Spaid

THE ARMOUR ENGINEER

The Staff

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Once in a blue moon the doddering, faulty footsteps of that superannuated spinster, "Miss Progress," receive an alarming acceleration by means of a well directed shove, commonly called co-operation, or putting the shoulder to the wheel. She forgets for the instant her laggardly, quibbling, uncertain ways, and really lives up to her name.

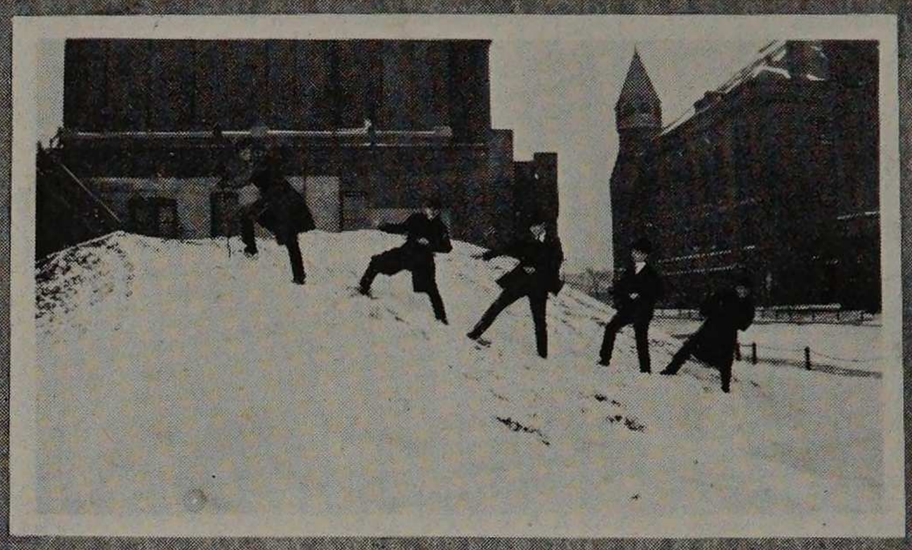
In one of these unusual moods "Miss Progress" has visited the Armour Engineer, and the results are as encouraging as the thought of a holiday is to the Freshman. The Armour Engineer has been re-born, and with new life come new ideas, new interests, new possibilities, new progressiveness, and new determination. Its history, from its inception, culminates in Volume XXIV, and for the future its path of progress shall lead thence.

But with the dawning of this new era, our thoughts are not bent upon future glory to the exclusion of memory of the past. The Armour Engineer has an enviable reputation and many excellent traditions which must be maintained. This indication of past worth shows to what present success is largely due.

The policy for the year has been to make the entire publication as nearly of general local interest as possible, without forfeiting its valuable technical character. An attempt has been made to obtain almost exclusively articles of interest to all classes and all departments; to faculty and alumni as well as to students. The news section has been enlarged appreciably with the idea of adding materially to local and student interest. In general, the plan has been to provide a medium for bringing about a new solidarity among all Armour men, and to provide a basis for future traditions leading to a better and more unified Armour Spirit.

The staff appreciates keenly the patience, and the kindly advice of President Raymond and Dean Monin. To these gentlemen as well as to several other members of the faculty, the Armour Engineer owes much of its stability and success.
















ALEXANDER
SOCIETY

SOCIAL CALENDAR

Sept. 15—Rho Delta Rho: Welcome Home.
Sept. 22—Phi Kappa Sigma: House Dance.
Sept. 23—Sigma Kappa Delta: House Dance.
Oct. 6—Phi Kappa Sigma: House Smoker.
Rho Delta Rho: House Smoker.
Theta Xi: Informal Dance.
Sigma Kappa Delta: Smoker.
Oct. 7—Beta Phi: House Warming.
Oct. 13—Delta Tau Delta: House Dance.
Theta Xi: Smoker.
Oct. 14—Phi Kappa Sigma: Rushing Party.
Oct. 20—Delta Tau Delta: Smoker.
Oct. 21—Sigma Kappa Delta: Stag Theater Party.
Oct. 27—Theta Xi: Hallowe'en Dance.
Oct. 28—Beta Phi: Annual Hallowe'en Masquerade.
Sigma Kappa Delta: Hallowe'en Dance.
Oct. 31—Theta Xi: Pledge Party.
Nov. 1—Delta Tau Delta: Pledging Party.
Nov. 3—Rho Delta Rho: House Smoker.
Nov. 10—Senior Class Dance: La Salle Hotel.
Nov. 17—Theta Xi: House Smoker.
Nov. 24—Phi Kappa Sigma: House Dance.
Nov. 28—Phi Lambda Upsilon: Pledge Smoker.
Dec. 8—Delta Tau Delta: House Dance.
Theta Xi: Formal Initiation.
Dec. 9—Beta Phi: Informal Dance.
Sigma Kappa Delta: House Dance.
Dec. 10—Scroll & Triangle: Dinner Dance.
Dec. 22—Rho Delta Rho: Pledge Banquet, Hotel Morrison.
Dec. 30—Beta Phi: New Year's Dinner Dance.
Dec. 31—Delta Tau Delta: New Year's Eve Party.
Scroll & Triangle: Informal Dance.
Jan. 6—Theta Xi: Home Coming.
Jan. 7—Scroll & Triangle: Western Society of Engineers Smoker.
Jan. 16—Scarab: Pledge Smoker.
Jan. 26—Sigma Kappa Delta: House Dance.
Jan. 27—Phi Kappa Sigma: House Dance.
Rho Delta Rho: Annual Mid-Season Dance.

Feb. 3—Theta Xi-Omega Lambda: Formal Initiation.
Tau Beta Pi: Initiation.
Feb. 5—Scroll & Triangle: Banquet.
Feb. 8—Theta Xi: Banquet, University Club.
Feb. 10—Sigma Kappa Delta: Dad's Night Smoker.
Phi Lambda Upsilon: Initiation.
Feb. 11—Theta Xi: Informal Dance.
Feb. 17—Scroll & Triangle: Dinner Dance.
Beta Phi: Cotillion Party.
Phi Lambda Upsilon: Banquet, University Club.
Feb. 22—Beta Phi: Initiation.
Feb. 23—Delta Tau Delta: Annual Delt Prom, Blackstone.
Feb. 24—Phi Kappa Sigma: Feb. "Shin Dig" Dance.
Feb. 28—Scarab: Initiation and Banquet, Auditorium Hotel.
Mar. 2—Tau Beta Pi: Alumni Banquet, City Club.
Mar. 9—Delta Tau Delta: Faculty Smoker.
Mar. 10—Sigma Kappa Delta: House Dance.
Mar. 11—Theta Xi: Open House and Tea.
Mar. 16—Athletic Association: Banquet, University Club.
Delta Tau Delta: House Dance.
Mar. 23—Beta Phi: Spring Party.
Sigma Kappa Delta: Faculty Smoker.
Mar. 24—Delta Tau Delta: Initiation.
Mar. 29—Chi Epsilon: Installation.
Theta Xi: Fire Protection Engineering Society Smoker.
Mar. 31—Scroll & Triangle: Informal Dance.
Apr. 1—Delta Tau Delta: Easter Tea.
Apr. 6—Sophomore Dance: Hotel Sherman.
Apr. 12—Beta Phi: Picnic.
Apr. 13—Theta Xi: Faculty Smoker.
Apr. 14—Theta Xi: Informal House Dance.
Apr. 15—Theta Xi: Open House and Tea.
Apr. 19—Delta Tau Delta: House Dance.
Apr. 20—Freshman Dance, Drake Hotel.
Apr. 21—Phi Kappa Sigma: Alumni Smoker.
Apr. 22—Beta Phi: Afternoon Tea.
Scroll & Triangle: Dinner Dance.
Apr. 23—Tech Musical Club: Home Concert, Aryan Grotto.
Apr. 27—Chi Epsilon: Banquet, University Club.
Chi Epsilon: Banquet, University Club.
Theta Xi: Alumni Smoker.
May 4—Junior Prom: Congress Hotel
May 6—Theta Xi: Picnic.
May 10—Delta Tau Delta: Anniversary Party.
May 12—Rho Delta Rho: Initiation.
May 26—Beta Phi: Summer Formal.

SENIOR DANCE



BLAUFUSS

SOCIAL COMMITTEE OF THE SENIOR CLASS

W. B. Blaufuss, *Chairman*
M. C. Nutt
C. F. Pope
R. H. Walworth
R. P. Jensen

On Friday evening, November 10, 1922, a large number of Armour students crowded the Gold Room of the Hotel La Salle to partake of the hospitality and witness the grandeur of the Senior class. Being the first dance held after the opening of the school term, it was consequently well attended. "Bill" Blaufuss, the social chairman, left nothing undone that would in any way be a reflection on the committee. They certainly deserve to be congratulated for the splendid manner in which they conducted the affair.

We sit out a dance. The lights, the music, and the moving couples bring to mind—

"For here was Eldorado's dream
Come true for one brief night,
To vanish, ere the morning gleam,
'Mid smiles of vague delight."

Alas! we must leave! The management is turning out the lights! We waited at the door and noticed the couples as they reluctantly streamed out. The look of complete satisfaction on their faces was enough—no more need be said.

JUNIOR DANCE

Social Committee of the Junior Class

L. M. Latta, *Chairman*
William Brinkman
O. F. Heartstedt
R. E. Freeman
Clair Keene



Latta

The second dance of the school year was given by the Junior Class in the Tiger, Grey and Crystal Rooms of the Sherman Hotel on December fifteenth. An outstanding feature of the dance was its individuality. The odd decorations of the rooms combined with "Bill" Blaufuss' syncopated music enchanted a crowd that danced rythmically in and out among the arches of the three rooms. Chairman Latta displayed a great deal of taste when he planned this affair, and he and his associates deserve much credit for their work.

She turned to me: "Will you write something—just a word or two—on my program, to recall this dance?" I wrote:

"And they told tales of Samarkand,
And ancient Naishapur,
Forgetful that, within their hand,
Far greater joys endure."

By the time we had danced this as a straight program, it was getting late and the Tiger in the Tiger Room was becoming uneasy, so we thought it opportune to leave the scene of the happy hours furnished by the Junior Class.

SOPHOMORE DANCE



McCauley

Social Committee of the Sophomore Class

W. J. McCauley, *Chairman*
J. Shoemaker
T. W. Lindeman
W. Van Valzah
L. C. Senescall

The Sophomores literally "broke the ice" with their annual dance on April 6, 1923, in the Tiger, Grey and Crystal rooms of the Hotel Sherman. The large number that attended the dance was sufficient evidence to show that the classes had been waiting for just such an affair. Social Chairman Willis J. McCauley and his committee were seen hustling around to make certain that all things moved with ease, and the results of their labors showed that the Sophomores were not to be classed as in any way deficient in the art of dance management.

"This is the first dance of spring," she was telling me. "Isn't there an old story about poets and spring? So won't you—?"

I watched the scene through half-closed eyes for a few moments. Then I wrote:

"Draw back the veil and show to me
A scene of greater bliss!
Not all the nights of Araby
Held dreams as fair as this!"

All too quickly, it seemed, the dream faded, the dance was over, and the weather outside was—well, I forgot about Araby.

FRESHMAN DANCE

Social Committee of the Freshman Class

L. D. Alber, *Chairman*
J. MacLaren
R. M. Montgomery
Chas. Melka
R. C. Sisson



Alber

April 20, 1923, was the date set by the Frosh for their debut in dancing. The announcement that it was to be held at the Drake undoubtedly attracted a large crowd, for the dance was well attended by both alumni and students.

The selection of "Bill" Blaufuss for the music insured a completely successful evening; and it was apparent that the upper classes will be keeping a wary eye on their laurels after the pace set by the Freshman class.

"One more, please!" she was saying.

"Dance?" I bantered.

"You know what I mean. The others were *so* lovely, and I want this to be——"

"The culmination of the collection, I presume. Well, I wrote this before I came this evening:

"And there were lights that shamed the stars,
And smiles that paled the moon;
As over all, night's silver'd bars
Hailed daybreak's hue too soon."

CIRCUS DAY

May 4th, 1923



Cooper — Joseph — McLaren — Blumenthal — Lommen

Albert H. Joseph.....*Marshal*

Assistant Marshals

E. E. McLaren — F. H. Blumenthal

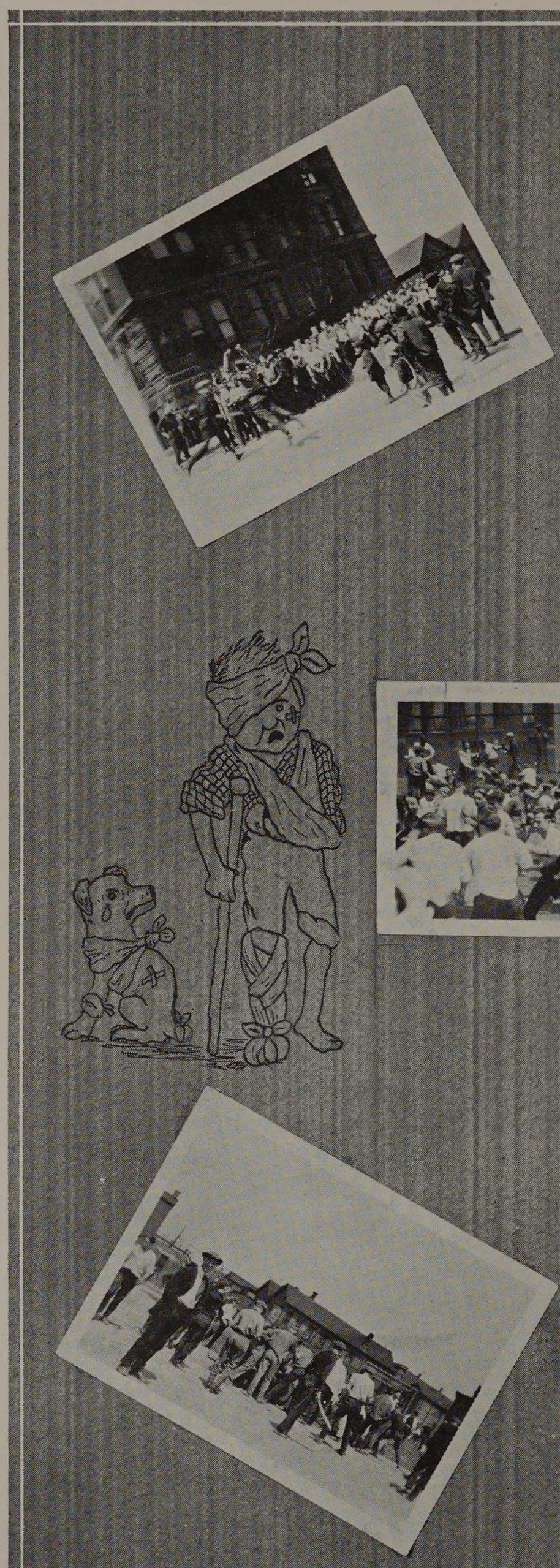
E. A. Lommen — M. H. Cooper

The Program

9:30-12:00 A. M.....Track Events
1:00 P. M.....Freshman-Sophomore Class Rush
1:30 P. M.....Fraternity Pageant
2:15 P. M.....Inter-Class Relay
2:30 P. M.....Inter-Fraternity Relay
2:45 P. M.....Finals of Mustache Race
3:00 P. M.....Awarding of Prizes
3:15 P. M.....Final Parade
3:30 P. M.....Baseball Game—Armour vs. Toledo

Junior Prom

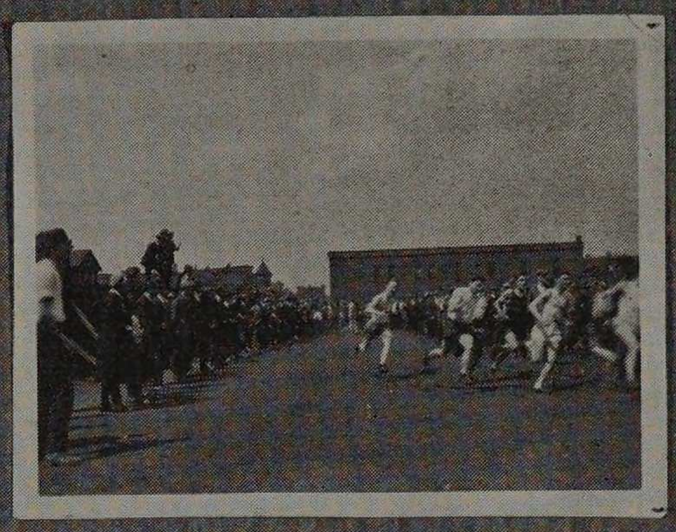
The premier dance of the year, the Junior Prom, was held May 4, 1923, in the Elizabethan Room of the Congress Hotel. Latta's one aim, as social chairman for this class, was to make this the best dance given by any class, anytime, anywhere; and that the results more than justified his expectations goes without saying. He secured the best music and the best ballroom, and, altho we dislike speaking too highly of ourselves, we are obliged to add, the best possible crowd. We may well take pride in the fact that such a splendid affair was held under the auspices of the Class of '24.

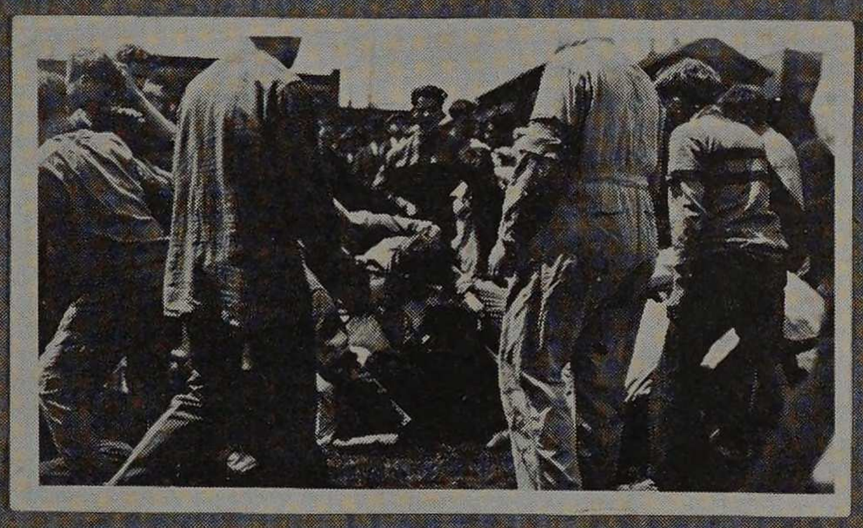






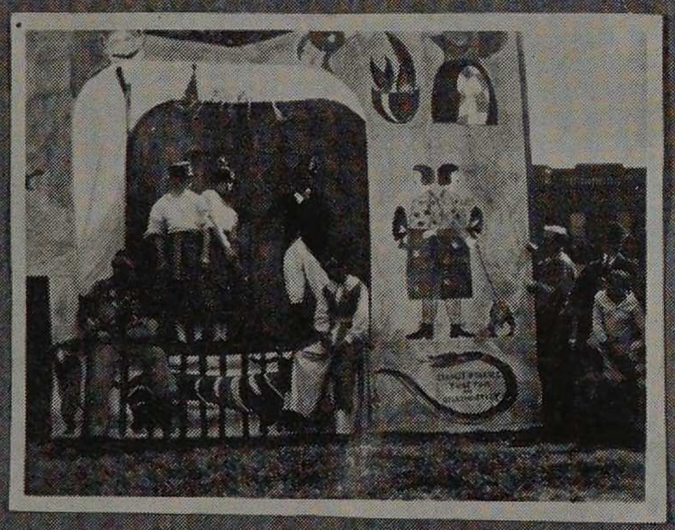


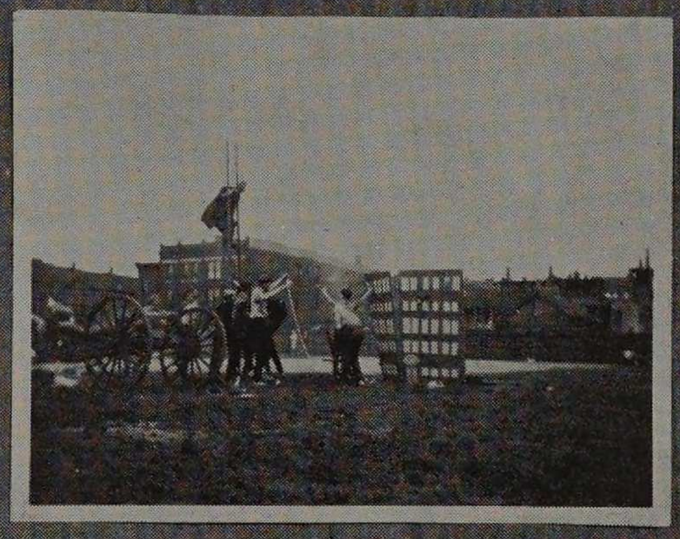












ASSEMBLIES

October 24, 1922.

Mr. William H. Finley, *President, Chicago & Northwestern Railroad.*
Subject: "Some Thoughts For Young Engineers."

November 13, 1922.

Mr. C. J. Hoyne, *Manager, West Coast Products Bureau, Seattle and New York.*
Subject: "West Coast Woods"—Illustrated.

December 4, 1922.

Mr. C. W. Hills, Jr., *Chicago, Ill.*
Subject: "Patent Law."

December 15, 1922.

Mr. Lester Armour, *Chicago, Ill.*
Subject: "The Value of the Technical Man in the Packing Industry."

December 19, 1922.

Dr. George L. Scherger, *A. I. T.*
Subject: "The Passion Play at Oberammergau"—Illustrated.

January 17, 1923.

Mr. G. H. Perkins, *Vice-President, Warren Bros. Company, Boston, Mass.*
Subject: "Highway Bituminous Pavement."

February 1, 1923.

Capt. Eddie Rickenbacher, *"Ace of Aces."*
Subject: "Conditions in Europe, and the Future of Aviation."

February 21, 1923.

Mr. Julian Arnold, *U. S. Commercial Attaché to China.*
Subject: "Opportunities for Young Men in China."

March 1, 1923.

Mr. Norman V. Pearce, *Australian novelist, poet, and explorer.*
Subject: "Australia—The World's Curiosity Shop."


ALEXANDER
ORGANIZATIONS

Armour Branch of the American Society of Mechanical Engineers

Prof. G. F. Gebhardt.....*Honorary Chairman*
John V. Lizars.....*President*
Geo. B. Stantial.....*Vice-President*
V. A. Graicunas.....*Treasurer*
L. A. Kaye.....*Secretary*

The members of the Armour branch of the American Society of Mechanical Engineers in looking backward over the present year, cannot fail to become more deeply and clearly impressed with the thought of the benefits derived from the Socity's meetings. They feel that they have profited not only by the technical knowledge derived from the able addresses, and not only by the experience gained in speaking, but also by the opportunity of becoming more intimately acquainted with their fellow students.

The great assets of a successful engineer are not alone knowledge of engineering, but also in conjunction therewith, an up-to-date acquaintance with current events and particularly the ability to form lasting and valuable friendships. The aim of the Society has been to develop and broaden these qualities.

They followed in the footsteps of predecessors in having a regular schedule of meetings, at which the members gave prepared talks on any subjects they chose. This plan has proven very satisfactory and will undoubtedly be followed by classes to come.

At the first meeting of the year the Society had the privilege of hearing Professor Gebhardt speak on the importance of Engineering Society meetings as a part of the school curriculum. He urged all students to be present at the meetings and to become active members of the Society.

The only social affair of the year, the Annual Smoker, was very successful, due to the untiring efforts of the committee and the co-operation of President Raymond, together with the faculty of the Mechanical Engineering Department, all of whom were present.

The Society wishes to extend its sincere thanks to the executive staff and the faculty of the Institute for their co-operation in making this year one of the most successful.

A. S. M. E.



Stantial Kaye Grahn Barrett Sloan Joseph
Graicunas Christensen Ruddiman Garland Pask Schaack Lizars Manske
Skriba Lucas Dropinski Unger Radner Garland Sorenson

Armour Branch of the American Institute of Electrical Engineers

L. E. Grube.....*Chairman*
H. M. Piety.....*Secretary*
H. G. Love.....*Treasurer*

The American Institute of Electrical Engineers is the national society of the electrical engineering profession and was founded in 1884, at a time in which the electrical industry was in its infancy. This organization has been one of the leading factors in the rapid advance of electrical development. Indeed, today no electrical engineer can afford to miss the articles published by this organization, giving the most recent views of topics of interest to the profession.

One of the great steps of the Institute was the organization of the Student Branch, which affords the student opportunity to obtain up-to-the-minute, accurate, and clear facts as to the state of his chosen vocation. The branch at Armour Institute was installed in 1903, and has given the student an opportunity to meet and hear prominent men, and also exercise his own ability in getting his ideas across to his fellowmen, a most necessary requirement of a successful engineer.

During the past year several experienced engineers have delivered lectures to the Institute. These men were able speakers, and, as they did not confine themselves to electrical engineering, students of other branches attended some of the lectures. Among the talks were the following:

"Electric Welding," by Mr. Kincaid, of the Lincoln Electric Company.

"The Trackless Train System of Industrial Haulage," by Mr. Klein, of the Mercury Manufacturing Co. This lecture was illustrated by motion pictures.

"X-Rays," by Mr. Morrison, of the Acme X-Ray Co.

"Design of Telephone Circuits as Compared with that of Power Circuits," by Mr. Grenell, of the Illinois Bell Telephone Company.

Besides the technical development of the engineer there must be the social development, and to this end smokers are given to promote sociability among the members of the society. After the heart-to-heart talks, which are not usually of a technical nature, eats and smokes are served and entertainments of different sorts are entered into with a care-free spirit, making history that is worth while handing down to those who follow in our footsteps. The last smoker was held in the Dining Hall, which proved a very satisfactory place when it came to preparing and serving the refreshments. Mr. D. S. Chase, of S. W. Strauss & Co., an Armour graduate, spoke on "The Engineer in the Bond Business." Professors Freeman and Moreton also gave practical talks.

A. I. E. E.



Geymer, Owens, Eckhart, Rohr, Coultrip, Richardson, Carlson, Spector.
Swartz, Almendinger, Kramer, McDowell, Dolesh, Crane, Piety, Farrell, Arentz, Ranson.
Krebs, West, Miller, Grube, Klein, Colby, Falconer.
O'Brien, Lowden, Goodmanson, Duerinck, Hibbeler, Finkelstein, Biever.

The Armour Branch of The Western Society of Engineers

H. W. Munday.....*President*
G. Goedhart.....*Vice-President*
T. J. Kauders.....*Secretary*
C. W. Carlson.....*Treasurer*
R. S. Mayo.....*Social Secretary*

An organization with an aim that is entirely professional occupies a place in college life that can scarcely be over-estimated. Its value is three-fold: it draws its members together in good fellowship and in loyalty to the department; it affords intellectual and cultural stimulation which is lacking, to a certain extent, in a purely technical course of study; and it opens to its members an outlook upon the field of engineering which is of practical value in their choice of a career. For these reasons the "Civils" support with pride and enthusiasm the Armour Branch of the Western Society of Engineers. They believe that its activity aims to furnish an incentive for greater achievement in the civil engineering profession.

The speakers presented during the past year have been men of wide experience—men who have had a message to deliver and who have been able to deliver that message with conviction. The subjects chosen by these speakers have been of such a broad nature that men from other departments have found the programs of interest. Among these talks the following indicate the character of the year's programs:

"The Power of an Idea" by Mr. Wm. Bethke.
"Opportunities for Engineers in Production" by Mr. Hugo Diemer.
"The Tenth Man" by Dr. F. W. Dignan.
"The Future of Engineering" by Mr. F. L. Ham.
"The Drainage of Holland" by Prof. J. C. Penn.
"What is an Engineer" by Prof. H. J. Kesner.
"Selling Your Services" by Dr. F. W. Dignan.
"Finance and Engineering" by Col. H. M. Byllesby.
"The Engineer and Public Speaking" by Mr. Benjamin Bills.
"City Management" by Mr. A. M. Van Auken.

The social life of the Society culminated in the Annual Smoker, an evening that will long be remembered. The entertainment included: Charles Hitchcock, the impersonator; Glennie, of Frosh Frolic fame; Francis Goetz, a prominent boy soprano; and the Imperial Jazz Band composed of Scoville, Bacci, Sanche and Costello—all Armour musicians. And as the year 1922-23 draws to a close, the Society looks back with satisfaction and forward with enthusiasm.

ENGINEERING SOCIETIES

W. S. E.



Jarvis, DeBra, Quayle, Poole, Berry, Lintelman, Mayo, Brown, Olson, Nelle, McHugh, Niederhofer.
Douglas, Prentiss, Andre, Goedhart, Van Dyke, Hess, Fredericks, Rasmussen, Linden, Bernstein, Franklin, Edidin, Mandel.
Munday, Carlson, Prof. Stevens, Prof. Wells, Prof. Phillips, Prof. Penn, Shapiro, Solomon, Libman.
Sweeney, Schmidt, Fohl, Friedman, Burkey, Rothberg, Schulman, Myers, Samuels.

The Armour Chemical Engineering Society

George D. Crane.....*President*
John R. Brady.....*Vice President*
Morris Cohen .....*Treasurer*
Edgar W. Husemann.....*Secretary*

The greatest single step forward in the present year was made when the A. Ch. E. S. was accepted by the A. I. Ch. E. and admitted to that organization as their third student branch. The A. Ch. E. S. was organized at Armour not only for the purpose of bringing the students in closer contact with one another, but also to benefit them through lectures given by the members of the faculty, alumni, and professional men of experience engaged in chemical engineering work. It is in this last connection that the society's association with the A. I. Ch. E. will be particularly valuable.

The first meeting and annual election was held September 21, 1922. Provisions were made that meetings were to be held on Thursdays at 11:30, at which times various speakers would address the members on subjects of interest. This year the majority of the speakers have been members of the faculty, although Mr. H. C. Dormitzer of Wilson and Company spoke on "The Packing House and Its By-Products," in which he showed the need for trained men in the industries.

On February 2, 1923, a smoker was held in Room D in the Mission. Entertainment of a high caliber was provided. Mr. Amsbary gave some of his excellent presentations and the music supplied by the jazz band was also of the best. Smokes and eats were plentiful, and in the customary fashion, everybody voted it a huge success.

A. I. Ch. E.



Rosnick, Nutt, Spensley, Wilson, Cohen, Pronger, Sites, Unger.
Pelta, Kautz, Glover, Morgan, Rumsley, Blumenthal, Greenfield, Bain, Chiappe.
Gapinski, Hill, Crane, Huseman, Brady, Bacal.
Laatsch, Parker, Rietz, Groustra, Bensinger, Steiner, Bernstein.

Armour Architectural Society

Eugene Fuhrer .....*Massier*

Albert R. Hauser.....*Secretary-Treasurer*

Early in the fall of 1922, the A. A. S. with Gene Fuhrer at its head, started out to make itself a worth while organization. On December 14th, the Freshmen initiates were put through the mill, an interesting procedure to all concerned, and diverse and novel punishments were pronounced upon the unfortunate Freshmen by "Judge" Claude Stiehl. The initiation was followed by a banquet, and the banquet was, in turn, followed by the customary speeches. The speaker of the evening was Mr. Root, who delivered a talk on landscape gardening. The faculty members present were requested to speak extemporaneously, after which the alumni were called on for some remarks. Ted Hofmeester made an entire speech, in the course of which he berated architects in general and expressed marked modernistic tendencies.

At a later date the A. A. S. arranged with Mr. McLean, then assistant director of the Art Institute and an authority on Oriental art, to take a party through the Oriental galleries. Mr. McLean proved a very interesting as well as instructive guide.

The class in Senior design is being set a merry pace by W. Lindsay Suter, who has thus far acquired three First Mentions. The class is looking forward with interest to the annual prize problem, which is scheduled to be a design of an opera house.



The Armour Architectural Society

The Armour Fire Protection Engineering Society

O. L. Cox.....*President*
R. M. Beckwith.....*Vice-President*
E. E. McLaren.....*Secretary*
R. O. Matson.....*Treasurer*

The Armour Fire Protection Engineering Society has had an exceptionally prosperous year. The increased enrollment in the Fire Protection Engineering department has brought larger opportunities to the society, and has enabled it to accomplish more than ever before because of its previous lack of numerical strength. The large membership at present permits the organization to carry on a full schedule of activities.

The smoker was one of the big additions to the annual program of the society. This event was attended with the jollity and the spirit that the Fire Protects are generally able to develop. Besides this general atmosphere, the all-important eats and smokes were everything that such essentials are ever intended to be.

The new plan of having the members give papers, either on their readings or on their experiences in summer work, was carried out this past year. In addition, unusually interesting talks were given by men in Fire Protection work. Two of these were by Mr. Stanley Williams, and Mr. R. E. Verner. Mr. Williams, a member of the National Safety Council, spoke on the work of that organization and the results that are obtained by carrying out ideas tending to protect life and property. Mr. Verner, who is manager of the Fire Protection division of the Western Actuarial Bureau, told of the fire loss in the United States and the means his department is taking to reduce this waste.

A. F. P. E. S.



Danziger, Sanborn, Kingsley, Terry, Spaid, Green, Anderson, Thoelecke, Abraham, Moeller.
Kopecky, Wagner, Whittlesey, Hughes, Mulligan, Grove, Harwood, Sisson, Pierce, Hauth.
Hubbell, Miller, Matson, Prof. Finnegan, Cox, Miessler, Freeman.
Blair, Cole, Taylor, Hoff, Woodfield.

Armour Tech Radio Association

W. E. Schweitzer.....*President*
E. J. Marco.....*Vice-President*
E. R. Sanborn.....*Secretary*
C. E. Tweedle.....*Treasurer*

A successful year, and one of many accomplishments, is the record of the Armour Tech Radio Association for the months just past. Due to the greatly increased interest in radio, the membership was considerably larger and the club more active than usual. A regular receiving and transmitting station was placed in working order, and an operating schedule established. Speakers were secured to give addresses before the club at its meetings. One of the addresses of especial interest was given by Mr. R. H. G. Mathews of the Chicago Radio Laboratories, a former student of Armour. Many helpful hints for design and construction were given in his informal talk.

Numerous problems had to be solved and many difficulties overcome before an operating station could be established. The only possible antenna location available at the present time is undesirable, hence it was necessary to construct a counterpoise to reduce its high frequency resistance. Apparatus was limited, and as much of it is not in the best condition, a large amount of coaxing was required to induce it to perform. However, with a two-hundred-fifty watt tube and a two thousand volt D. C. generator as a nucleus, a set was placed in order. The well known Hartley Circuit was employed. Since the installation of this set, traffic has been carried on with various schools and amateur stations in the Mississippi valley area, and with further improvements the range will be greatly increased. The receiver in use at present is the ordinary variometer set prevalent among amateurs.

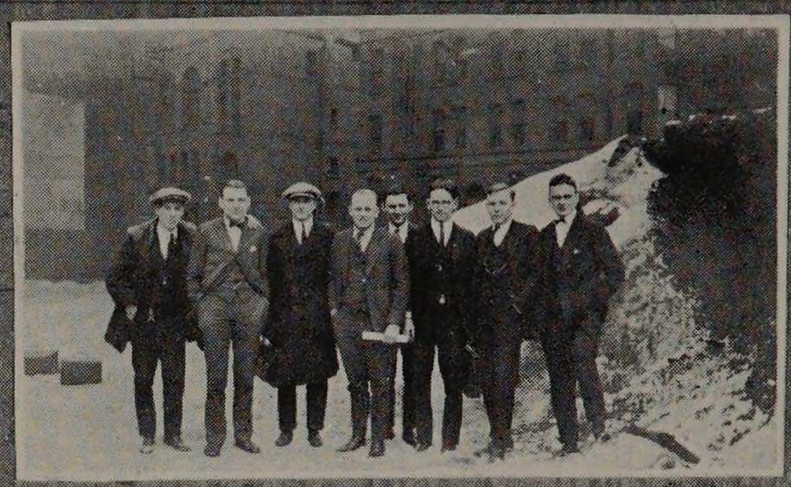
Much has been done to establish a station which will keep Armour in the front rank in radio communication, and further improvements are anticipated for the coming year.

Radio Association



Owens, Dolesch, Brown, Ranson.
Geihmer, Sanborn, Almendinger, DeBra, Finkelstein.
West, Crane, Tartak, Kline, Arentz.

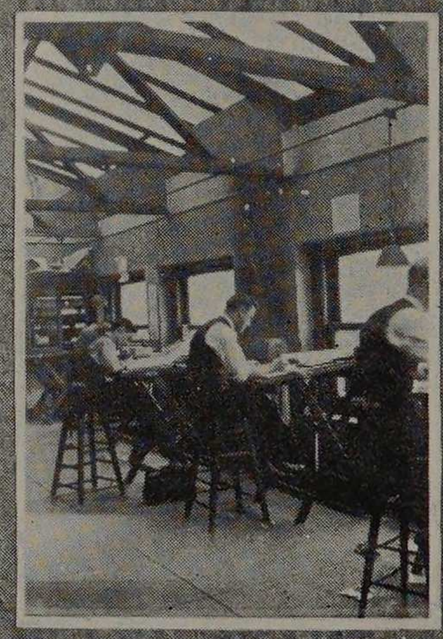






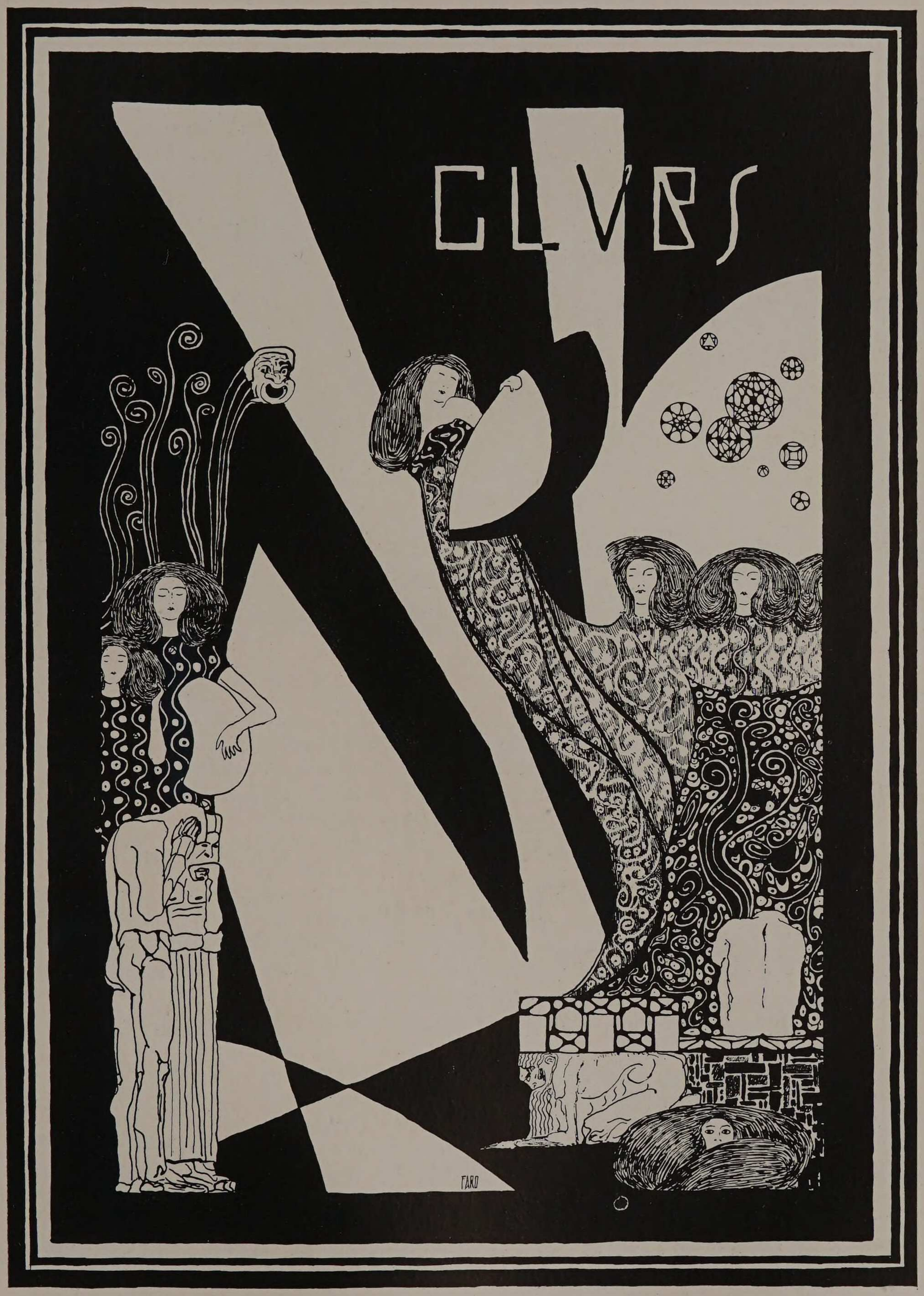




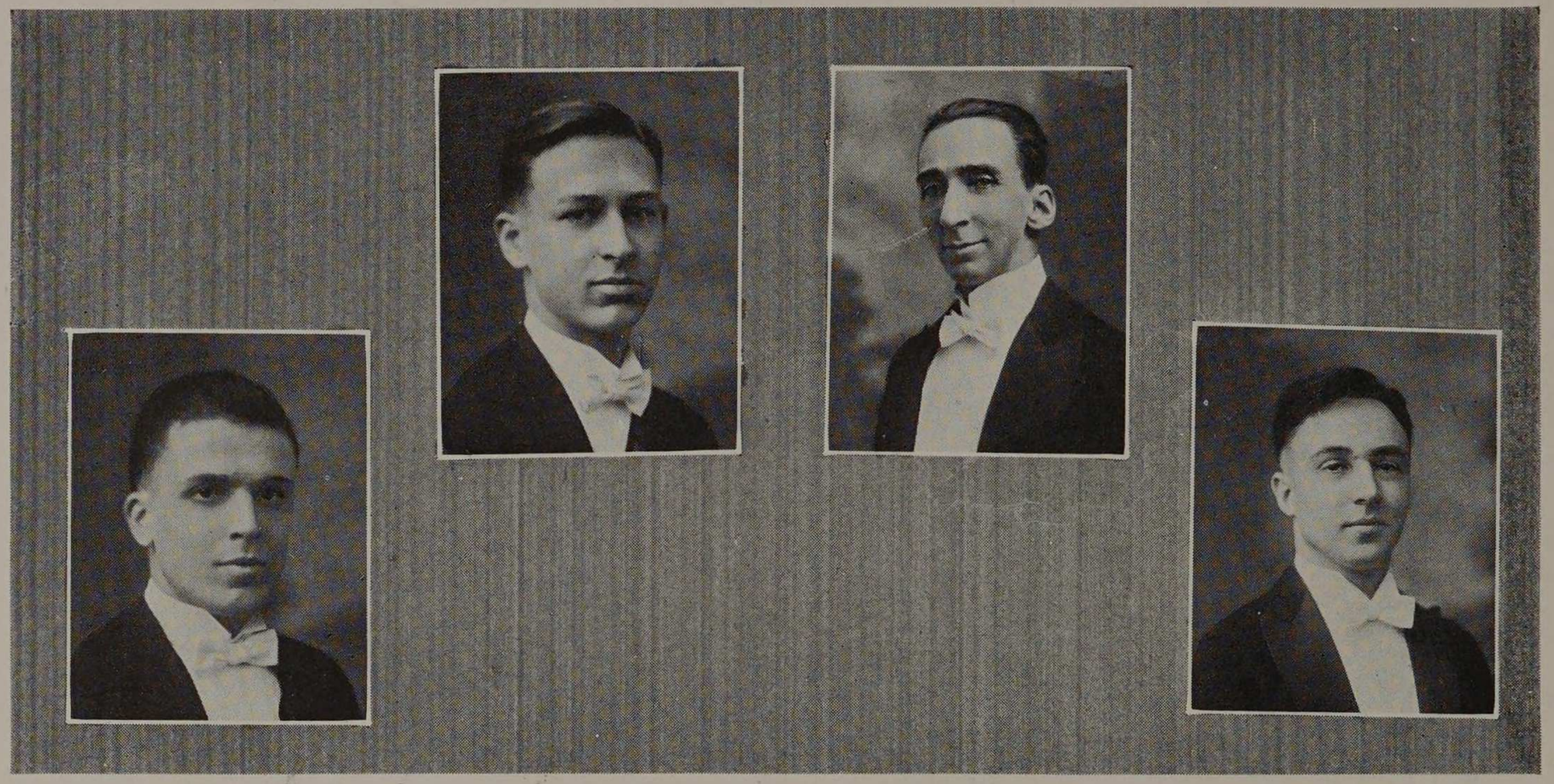







ELVES
FARO

GLEE CLUB



Rilling Miller Tucker Friedman

Carlile F. Tucker.....*Director*
W. R. Rilling.....*President*
H. C. Friedman.....*Secretary*
L. G. Miller.....*Manager*
L. L. Swartz.....*Librarian*

First Tenors

W. R. Rilling
H. C. Friedman
G. D. Crane
H. R. Nissley
J. C. Whitfield

Second Tenors

E. C. Hedges
H. M. Hedges
D. B. Davidson
L. L. Swartz
J. H. Goodmanson
N. B. Jones

First Bass

D. R. Stiehl
J. N. Glover
A. C. Flenner
F. E. Jarvis
F. A. Manske
A. C. Soderholm
F. R. Nelle
D. M. Meyer

Second Bass

L. G. Miller
J. R. Wilson
E. M. Pronger
F. V. Walters
R. P. Peterson

While always prominent among the social activities at the Institute, the Armour Tech Glee Club of 1922-23 has more than upheld the traditions established by preceding Clubs. An increased interest in school affairs, together with the efforts of the Director, Mr. Tucker, and Prof. Leigh, who represented the Club in the Armour Athletic Association, made possible the splendid performance of the past year.

CLUBS



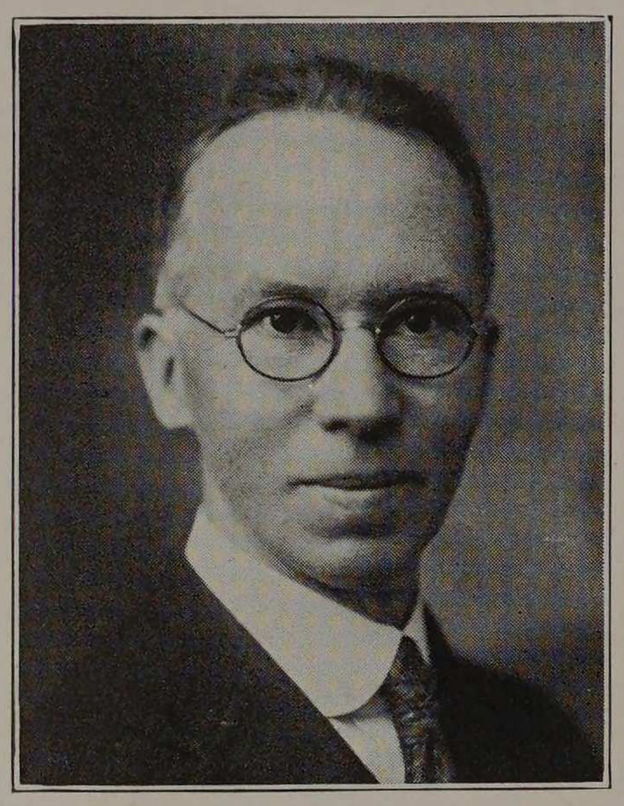
Goodmanson, Jones, Flenner, Miller, Walters, Pronger, Wilson.
Nissley, Whitfield, Swartz, Soderholm, Nelle, Jarvis, Glover, Hedges.
Friedman, Meyer, Rilling, Tucker, Manske, Crane, Stiehl.

The programs given showed that engineers also make good singers. The general belief that the engineer is a hard, cold, matter-of-fact person should be set aside after hearing one of their snappy programs. One of the chief ambitions of the Club was to show that the engineer in music, places his soul, mind, and body so thoroughly into it, that while enjoying the thing itself, he unconsciously makes others enjoy it also.

At the beginning of the school year, the Club was fortunate in obtaining the services of Carlile F. Tucker as Director. Under his capable direction the group was moulded into a splendid musical organization. The balance of voices, blending, shading, and interpretation of songs in pleasing manners and modes, were due to his efforts, and the vim, vigor, and personal interest in the Club has won for him lasting popularity with the student body at Armour.

Of the several concerts given by the Club during the year, the first was in connection with the Intercollegiate Glee Club Competitive Concert held in Orchestra Hall, on February 9. While the Club did not win a prize position, it made a very creditable showing and proved that the Armour Tech Glee Club ranked with the best clubs in the Middle West. Other concerts given during the year were at Oak Park, Hinsdale and Albany Park. The popularity of the concerts was evidenced by the attendance. At Hinsdale the name of "Armour Tech Glee Club" has become a tradition and the yearly appearance of the Club is looked forward to by all music lovers of the town.

ORCHESTRA



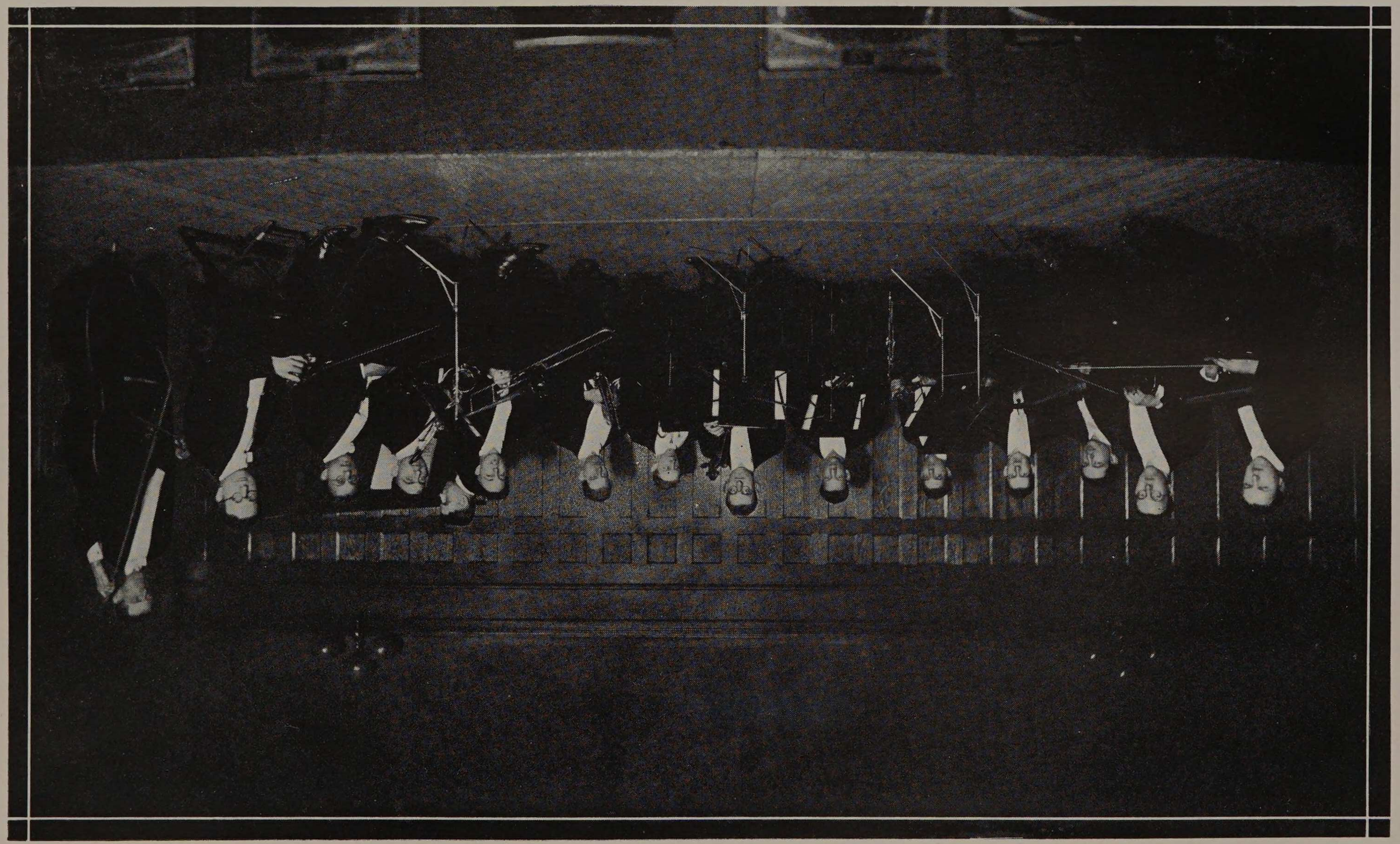
F. W. ANDREW, *Director.*

For some time the need of an Orchestra at Armour Institute of Technology had been felt. Every assembly, mass meeting or similar occasion reminded the student body of the fact. We have had some noteworthy "jazz" orchestras in the past, but it was not until last year that we saw the organization of a concert orchestra. The Armour Athletic Association furnished the financial footing and Mr. F. W. McClusky agreed to serve as leader for the Orchestra.

The popularity of the Orchestra goes unquestioned. The number of students desiring to join when the call was made for material showed at once the feeling prevalent. With little more than a month of practice, during which only one night a week was available, the Orchestra made its first appearance before an assembly shortly before Thanksgiving Day. The applause and spirit shown at this assembly proved that the Orchestra had become a permanent institution at the school. Since then the Orchestra has played for all assemblies, and it would now seem from a viewpoint of faculty and student alike that an assembly without the Orchestra would be incomplete.

In addition to playing at assemblies, the Orchestra plays in conjunction with the Glee Club at all of their concerts; for as members of the Armour Tech Musical Clubs, their work, in this respect, runs parallel with each other. The pleasing effect of a program made up of both Orchestra and Glee Club selections goes without saying.

At the annual Home Concert on April 23, the Orchestra appeared under the direction of Mr. F. W. Andrew.



Armour Tech Band

The Armour Tech Band was organized in February, 1923, and since that time has been practicing under the direction of Mr. A. E. Dean. The first public appearance was made at an assembly on March twenty-ninth.

The following men constitute the Band:

Mr. A. E. Dean, *Director*

W. B. Douglas, *Student Conductor*

Cornets
J. R. Wilson
D. R. Young
A. Anderson
E. F. DeBra
E. W. Reiner

Clarinets
C. F. Kautz
R. F. Anderson
R. P. Petersen
G. H. Oberg

Piccolo
N. A. Daniels

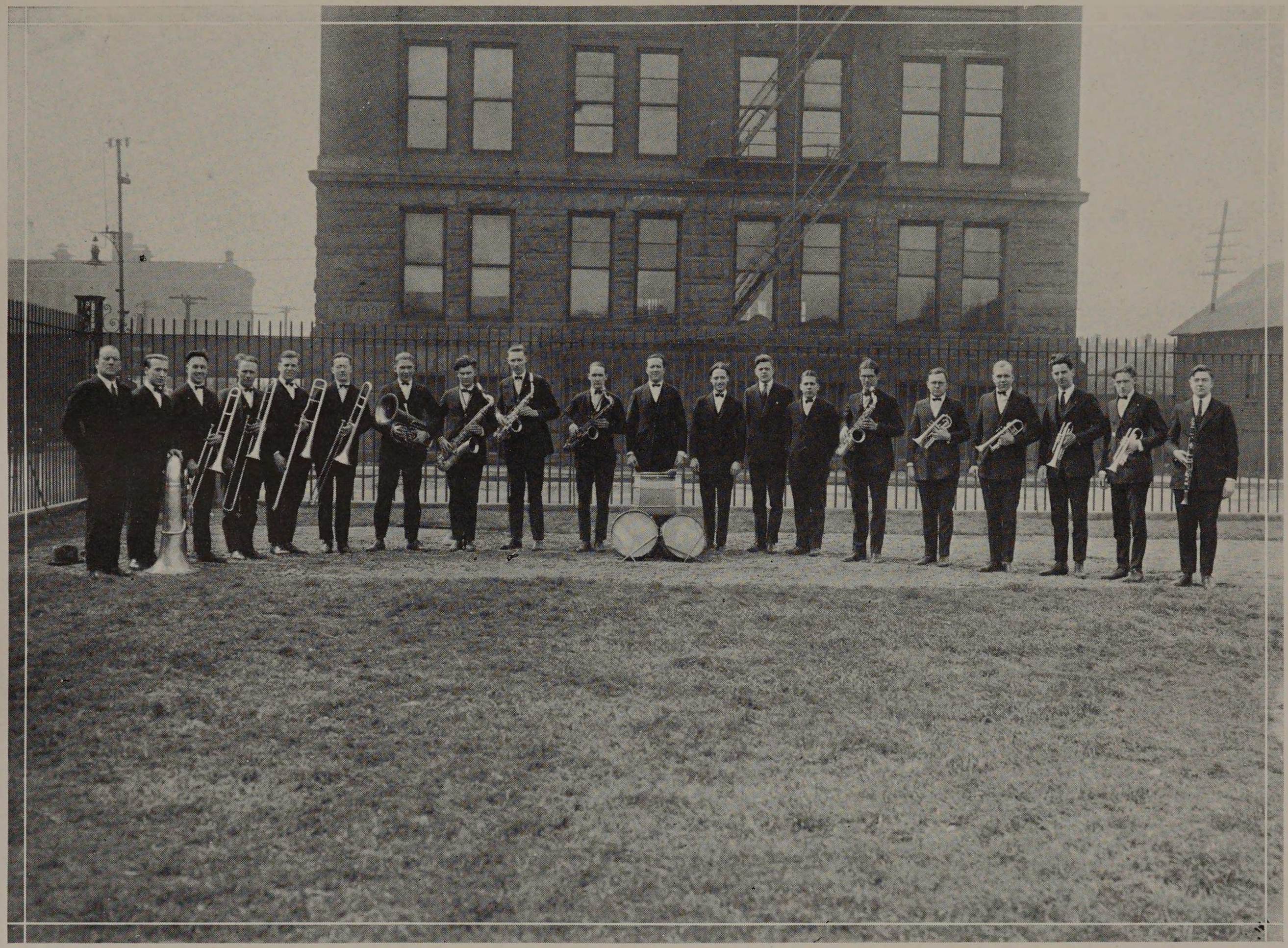
Baritone
H. A. Groustra

Trombones
H. C. Friedman
C. F. Johnson
J. R. Fredericks
E. G. Norrgard

Bass and Horn
W. B. Douglas

Saxophones
E. M. Pronger
R. W. Lohmen
T. Schmid
J. R. Brady
G. Johnson
W. C. Cumming

Drums
H. M. Hedges
F. E. Brown
C. H. Bockman
H. H. Heuchling
R. C. Fasick



Gun and Blade Club

George D. Crane.....*President*
Clifford T. Ayres.....*Secretary-Treasurer*

The regular meetings of the Gun and Blade Club during the present year have been largely concerned with the developing of plans to establish a fuller recognition of the Federal Board connections with the Institute. Of the many discussions held, John Hogan made one of the most outstanding, in which he advocated the presentation of a brass plaque to the school. This plaque would bear the names of all Federal Board men in the school, and would be placed in some conspicuous location in the building. Action is being taken on this matter, and the presentation will be made early next year.

Gun and Blade Club



Hogan, Treff, Lintelman, Johnson.
Chaney, Unger, Crane, Fredericks, Webb.

The Umen

The Umen was organized as a club of recognized standing during the course of the last year.

It has grown rapidly and its activities and interests have kept pace with its growth. A successful social program has been carried out and a more extensive one is looked forward to.

The Umen, in taking its place among the organizations of the school, wishes to express its willingness to support in every way any undertaking which might be of advantage to the Institute.

MEMBERS OF THE "UMEN"

Morris Cohen
Leon Edidin
Alexander Goldstein
David Mandel
Louis Needleman
Max Oboler
Samuel Radner
Morris Spector
Harold Bacal
Harry Bernstein
Benjamin Franklin
Morris D. Krausman
Solomon Libman
Saul Samuels
Louis Schulman
Milton Shapiro
Harry Solomon
William Berman
Norman H. Ostrin

The Umen



Bacal, Bernstein, Cohen, Oboler, Krausman, Franklin.
Schulman, Needlemen, Goldstein, Libman, Solomon, Edidin, Berman.
Samuels, Spector, Shapiro, Ostrin, Radner, Mandel.

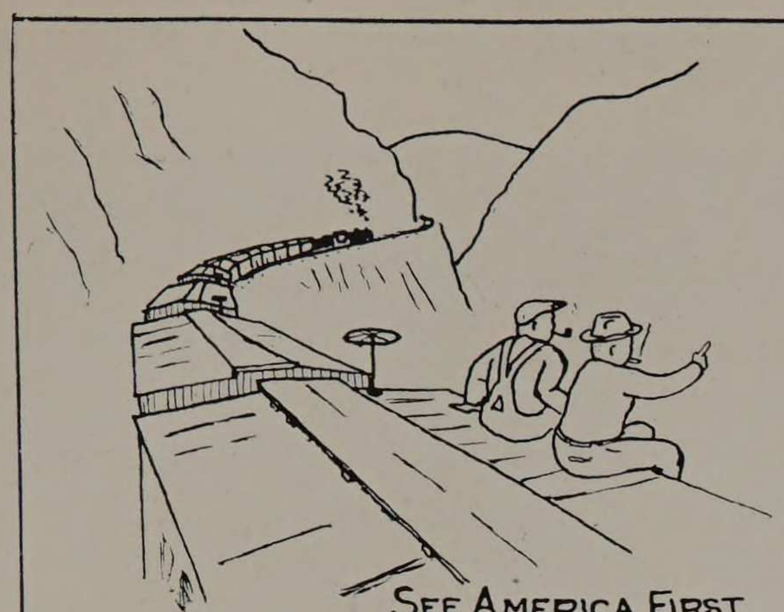
Faculty Club

Altho the Faculty Club, by reason of its exclusive position as a purely faculty organization, is necessarily little-known to the student body as a whole, it nevertheless plays an important part in the affairs of the school, whether the daily discussions be on fish or flunks, cigars or psycho-analysis.

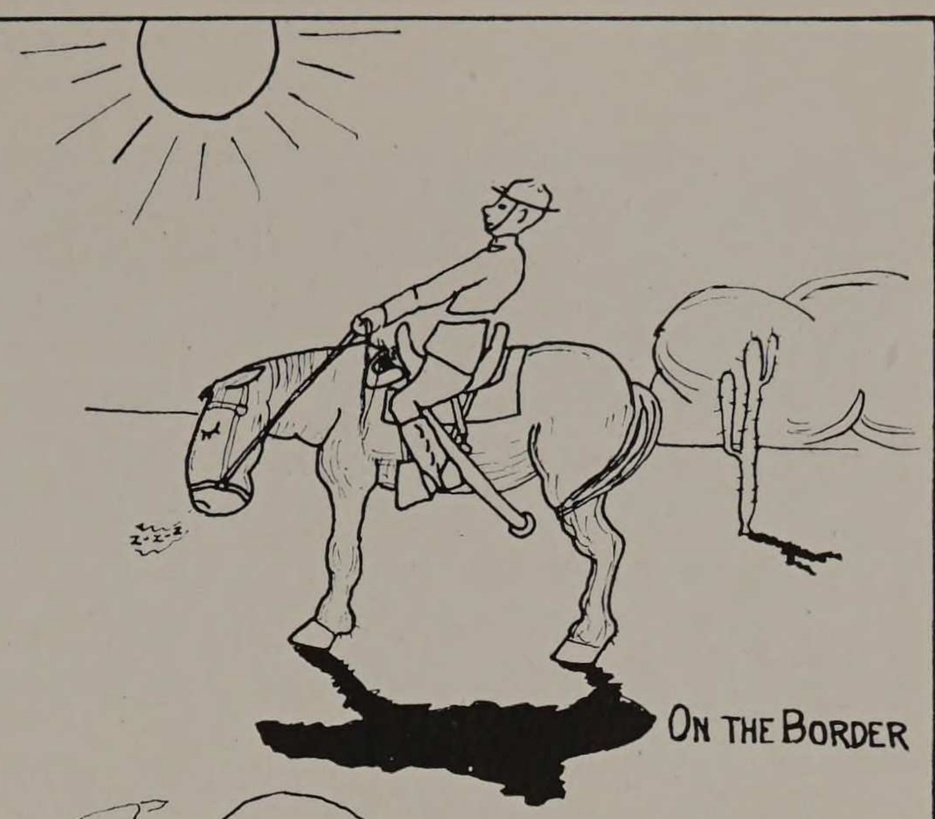
Located in the more or less spacious club rooms in the Mission, it is a welcome retreat for those harried professors who desire a few minutes respite from the ordeals of lectures and quizzes. Yet the fact that the purpose of the club is essentially recreational does not prevent discussions of a serious nature on school affairs.

No one would think that the single word "fish" would create the upheaval it does among the learned faculty of our institution. Brains that design bridges of unbelievable spans, imaginations that lead the way to the creation of towering skyscrapers, cerebral energy that stakes the outposts of modern mechanical theory—all these are bent to the sole purpose of bringing the coveted "whale" into the thoughts of a fellow member. The record achievement to date is a rumor to the effect that Professor Foster caught a *four foot* brook trout last season.

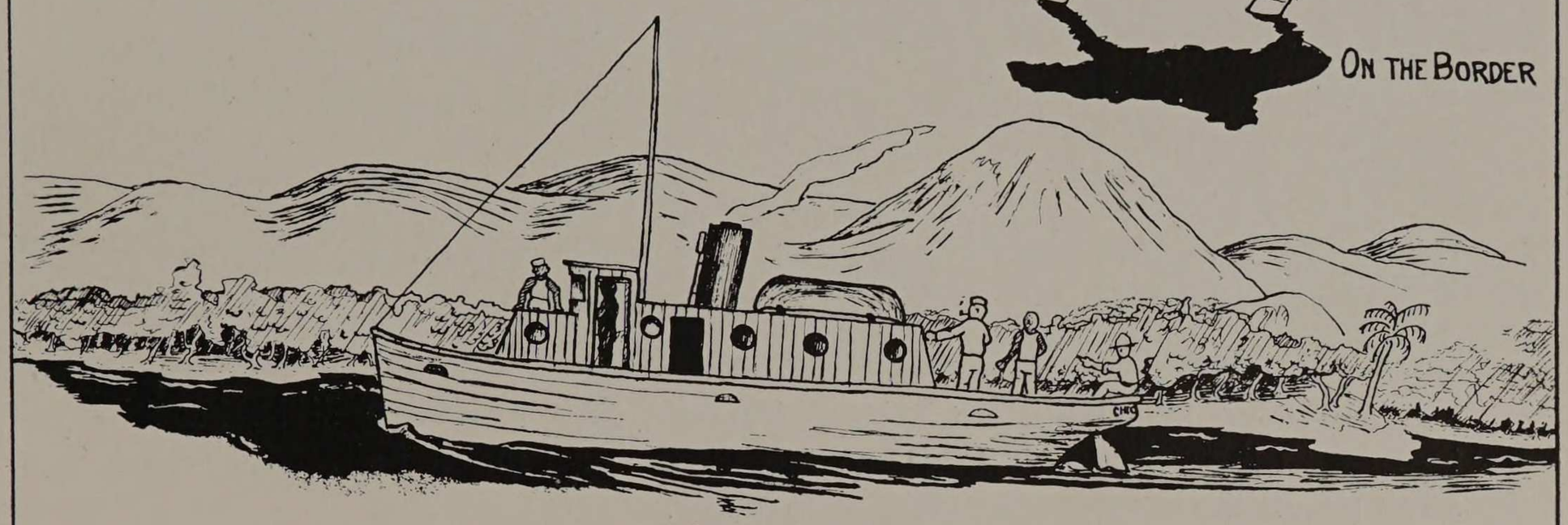
A loan fund is held in trust by the club to aid students who have need of some ready money for short periods of time, and in this connection the club has had the opportunity to prove itself of genuine service to the student body.



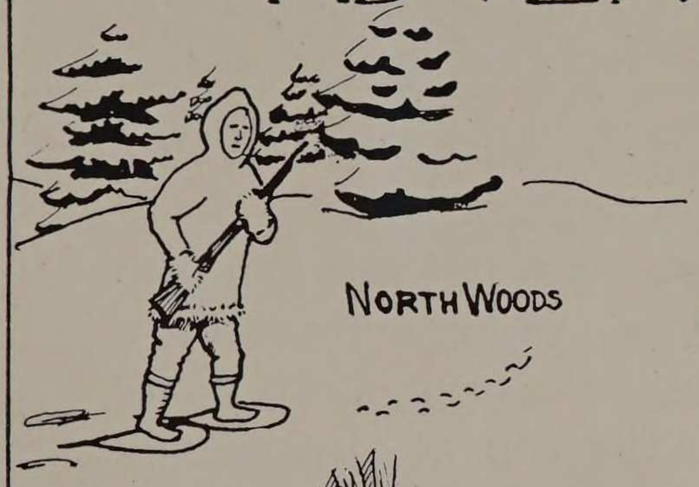
SEE AMERICA FIRST



ON THE BORDER



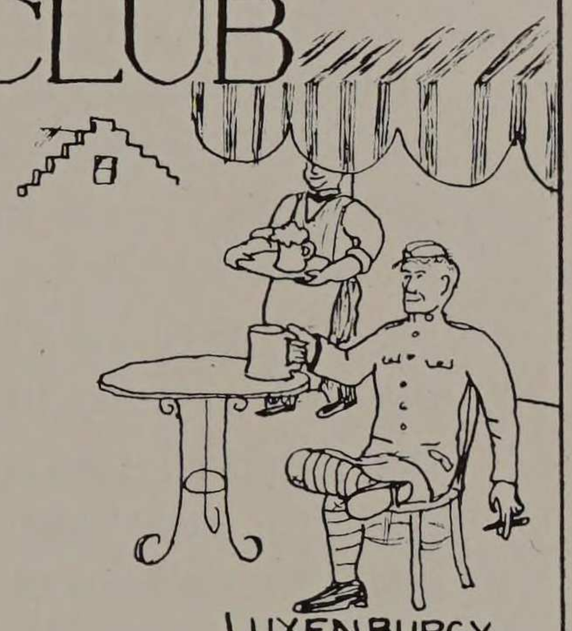
ADVENTURER'S CLUB



NORTH WOODS



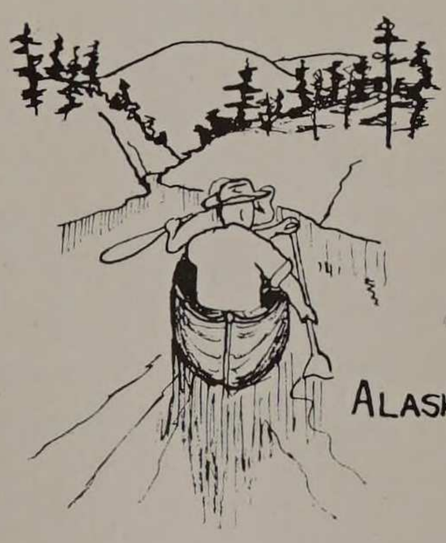
NEXT WINTERS TRIP



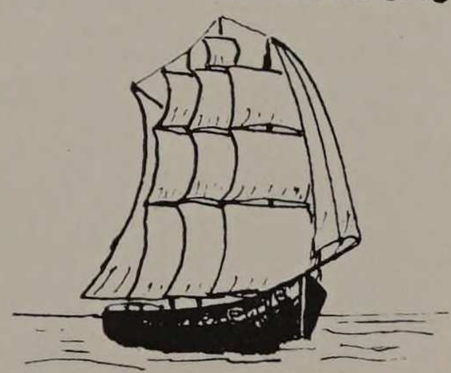
LUXENBURGY



IN THE JUNGLES



ALASKA



SOUTH SEAS



BOB MAYO

The Adventurers' Club

In the belief that "Life is only what we make it," the Adventurers' Club was organized. Its purpose is to foster the spirit of American Pioneering, that indomitable force which has made possible the development of our country, and to develop the true spirit of adventure which will aid in extending American engineering in foreign lands.

Incidentally, there is a keen enjoyment in the conquering of the wilds, in travel, in pure adventuring, if you please, which has a closer relationship to engineering than to any other profession.

The members of the Club are all ex-service men, and have all done something to merit their membership. For instance, one of the entrance requirements is a travel record of at least 20,000 miles, accomplished entirely, or for the most part, upon the individual's own resources.

The Club has devised a system whereby each member will be kept in touch with the others, and this feature will do much to keep alive the friendships begun during the four years at Armour.

Several men of wide travel experience are already on the honorary rolls of the Club and the future promises much in the way of lectures, correspondence, and personal acquaintance with engineers, explorers, and men of affairs.

Plans are on foot for a western trip this summer, to be participated in by the entire Club.

Negotiations are already under way for a small steam trawler in which the entire Club will go down the Mississippi to New Orleans. From there the proposed route lies along the coast to Florida, Cuba, Yucatan, Central America, and California via the Panama Canal. The trip as planned will consume about nine months, the Club planning to leave Chicago September first or as near that date as possible.

E. F. De Bra
C. W. Carlson
R. S. Mayo
L. T. Smith
C. W. Meyer
W. J. Lintleman

The Armour Y. M. C. A.



Wagner Marling Olson Douglas

OFFICERS

O. H. Marling.....*President*
E. G. Wagner.....*Vice-President*
N. B. Olsen.....*Executive Secretary*
W. M. Douglas.....*Recording Secretary*

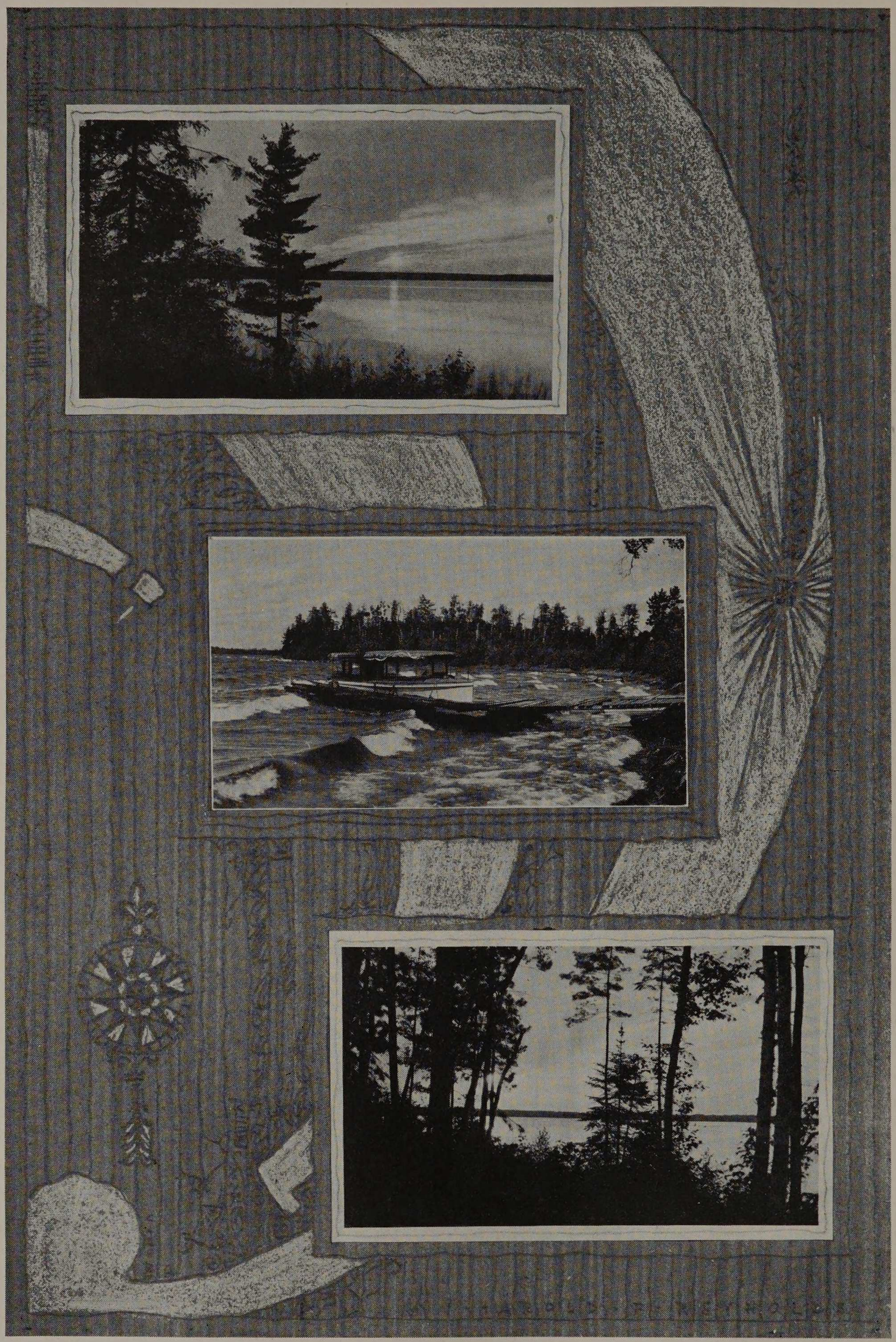
BOARD OF MANAGEMENT

Dr. G. L. Scherger, *Chairman*
Prof. R. V. Perry, *Treasurer*
Pres. H. M. Raymond
Mr. G. S. Allison
Prof. G. M. Wilcox
Prof. C. A. Tibbals
Prof. H. R. Phalen
Mr. W. B. Amsbary

The Armour Y. M. C. A., a branch of the Chicago Y. M. C. A., occupies rooms on the second floor of Chapin Hall. The object of the Y. M. C. A. is to provide a place for recreation and study, and to raise the moral standard of the student body. As the Association is non-sectarian, any student may join, and a student membership entitles the holder to house privileges with reduced rates at any Chicago department.

Because of lack of room, the "Y" was without the billiard table this year. While the table was greatly missed, its loss was offset by the piano purchased last year and by the famous radio discussions held nearly every day at noon. Among the leaders in these discussions were Schulze, Johnson, and Misura.

During the course of the year, Prof. Scherger gave several very interesting talks in the "Y" rooms, his subject in each case being his recent trip through Europe.



SUMMER



CAMP

P. Jacobson



Armour Tech Summer Surveying Camp Club, 1922



OFFICERS

H. W. Munday ..... *President*
H. C. Friedman ..... *Secretary*
S. R. Willey ..... *Treasurer*
L. C. Hardwicke ..... *Marshal*
W. J. Lintelman, E. L. Niederhofer ..... *Camp Photographers*

MEMBERS

Prof. M. B. Wells
Prof. R. L. Stevens
C. W. Carlson, Asst. to professors
G. D. Arachovitis
R. L. Brandenburg
M. G. Burkey
E. Davis
S. Delevitt
L. I. Edidin
J. Fitzsimmons
H. C. Friedman
J. P. Frisch
D. B. Goldberg
E. L. Gritschke
A. T. Hague
L. C. Hardwicke
A. Heidman
C. M. Kirkuff
M. D. Krausman
W. J. Lintelman
T. J. McHugh
H. W. Munday
E. L. Niederhofer
W. H. O'Brien
E. W. Prentiss
L. Schulman
W. M. Spangler
J. P. Stalzer
A. P. Unger
E. F. Webb
M. B. Wood
S. R. Willey
D. E. Winters

It was an enthusiastic crowd of Civils that met at the Union station Friday evening, June second, for the start to the wilds of northern Wisconsin. Even the railroad officials recognized the importance of the occasion and provided a special "Armour car" for our use. They hinted that it was because of experiences with Civils of former summer camps that we were thus honored. We made no inquiries regarding reasons, but spent the evening making merry and preventing sleep from spoiling the pleasure of any one within range of our voices.

Not the least interesting part of the trip was the ride from Monocqua to State House on the "Northern Limited" or "Charlie's Grass Line." We had thought ourselves fairly familiar with various kinds of joy rides, scenic railways, and loop the loops until we took that series of curves, hooks, and spirals with Charlie.

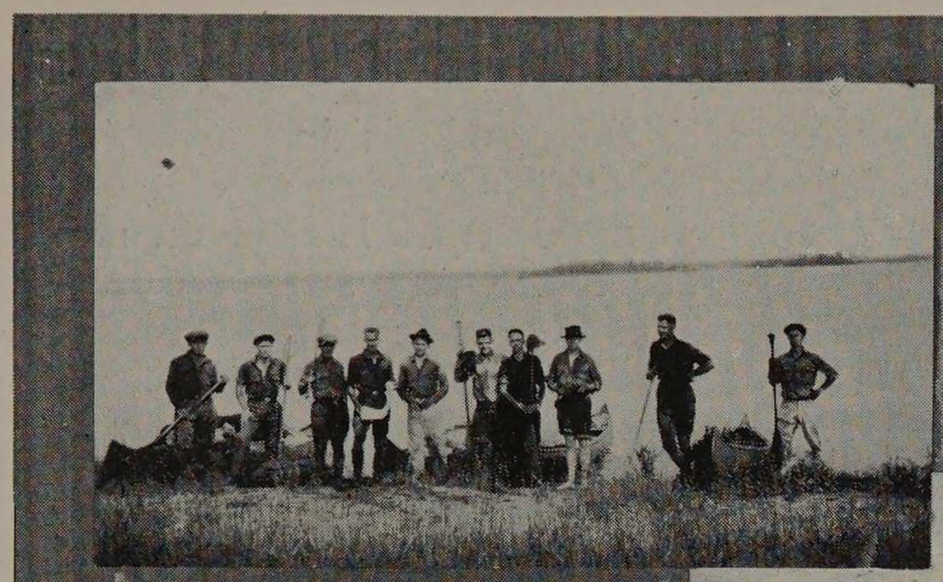
The Profs and a few of the fellows who had gone up ahead met us and led us through devious paths in the timber to Camp Armour. Our real welcome was a dinner which the cooks, Mrs. McDonald and Mrs. Wallace, had prepared for us. After putting our city clothes away for a six weeks' rest, and attiring ourselves in suitable garb, we settled ourselves in our tents overlooking the lake. There was "Saint's Rest," a relic of a former year, and there were "Tumble Inn," and "Idlewild," and "Fall Inn," and "Army and Navy Flop," and "All Inn." The devices of various sorts which helped to make the tents habitable bore witness to the fact that a prerequisite to a surveying course is a knowledge of house furnishing.

We had one day to become better acquainted with the camp before work started. Boating, fishing, baseball, tramping were in order, and plans for various other sports were made. Then Monday morning found us in the field chaining around one of the previously laid out polygons. After finishing the taping, the work consisted of differential leveling. All of the bench marks available seemed to have the uncanny knack of changing elevation at will. While we were assured that no earthquakes had occurred, it seemed impossible to start from a bench mark and find the exact elevation of another, no matter how cautiously it was approached. After a series of such unsuccessful attempts we persuaded the Professors that the instruments were badly in need of adjustment and demanded a day off to make corrections. The day was spent in squinting through telescopes first with one eye and then with the other besides doubling up into question marks to follow the elusive cross hairs.

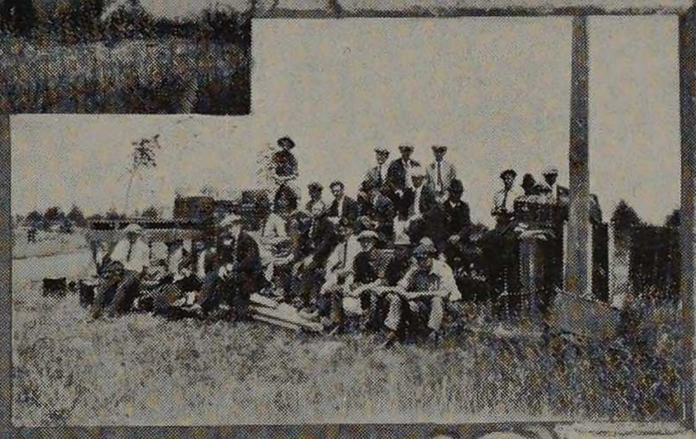
The days soon settled into a routine of transit, plane table, road work, stadia, sounding, and solar attachment work. The pathways around the polygons became well beaten. With clock like regularity the line of march could be seen coming and going to and from camp in true Indian fashion, single file, over logs, around stumps, and through the brush. The quiet of the days was broken by the crying of commands. Now and then a touring car filled with resorters passed by, and at fairly regular intervals the shriek of the "Northern Limited" broke the silence. As the work progressed, the ground became a net work of stakes representing many tentative roadways.

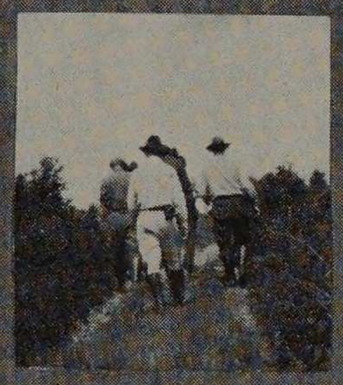
An old hand car used by forest rangers afforded a handy means of conveyance for parties of from two to five. The sport became so popular that the hand car actually began to run easily. The labor of pumping up one hill was offset by the thrills experienced in the rushing, dashing, coast down the next one. An occasional spill at a sharp curve only kept up the interest. This sport came to an untimely end one night when a party sheared the rear axle when twelve miles from camp. That night terminated all railroading tendencies.

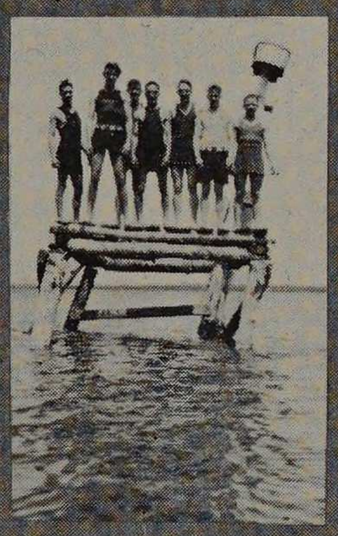
Not all of the excitement was confined to camp. Dances at Woodruff and at Minocqua were attended on Saturday evenings. Hikes, baseball, games, and trips to Boulder and resorts on the lake proved pleasant recreation. The Fourth of July vacation of four days found a series of activities in progress.





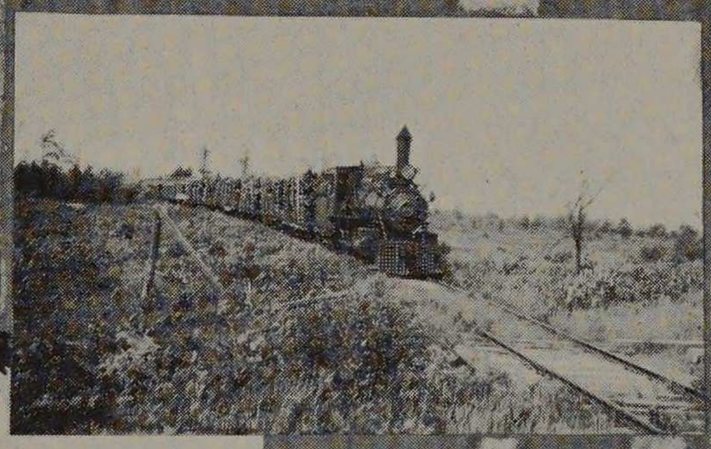
















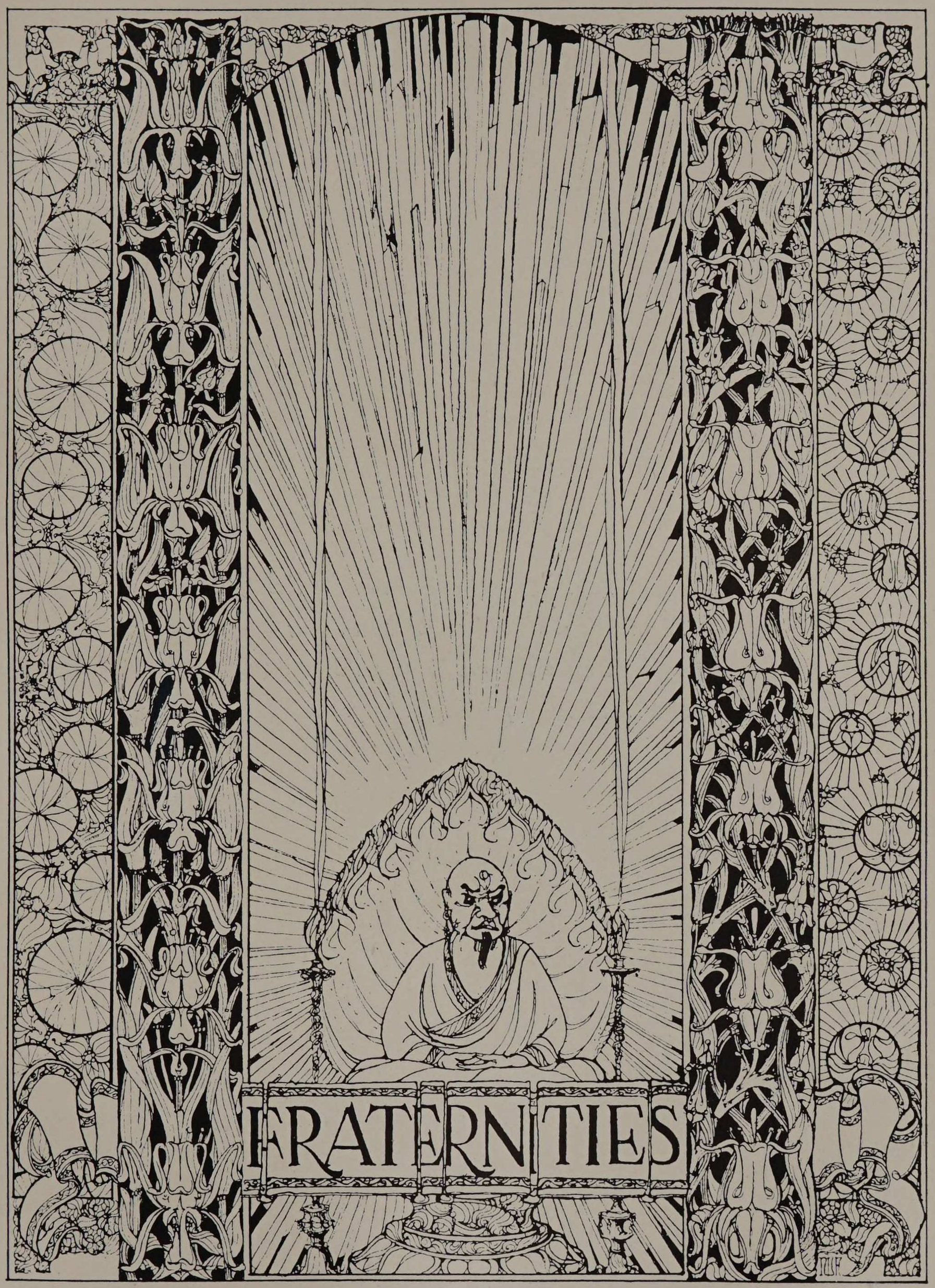
A goodly number remained at camp taking hikes, fishing, and visiting towns nearby. A celebration at Boulder attracted some. Several members of camp returned to Chicago. Others went on an extended canoe trip. Eleven men with five canoes went down the lake to Little Trout Creek, a very swift creek which furnished many thrills to the canoeists.

Perhaps the most dramatic incident of the camp was the result of a disagreement between Mr. Shulman and Mr. Heidman, who almost come to blows over a small incident that occurred one day on the pier. No reconciliation seemed possible. After a solemn meeting of a picked committee it was decided that a trial would be necessary. The lawyers were appointed; the night for the trial was decided upon; the place was chosen. It was a weird night, moonlit but hazy. The place was a large pot hole, familiar but uncanny. In the center was the judge's bench, a soap box. A log at one side provided the jurors' box. Just as the moon came up over the tree tops, the prisoners were led to the scene. The jurors took their places; the judge, the lawyers, the bailiff, witnesses—all were ready. Only the buzzing of mosquitoes and the occasional hoot of an owl broke the stillness.

The trial began. The pleas of the plaintiff and of the defendant; the repartee of attorneys; the gruff voice of the judge—these were the sounds which disturbed the Wisconsin woods for two hours. At last when the jury rendered its verdict, it declared that each one was guilty. The penalties—well, Heidman thought his was worth at least a month in Joliet, and Shulman's was then worth two.

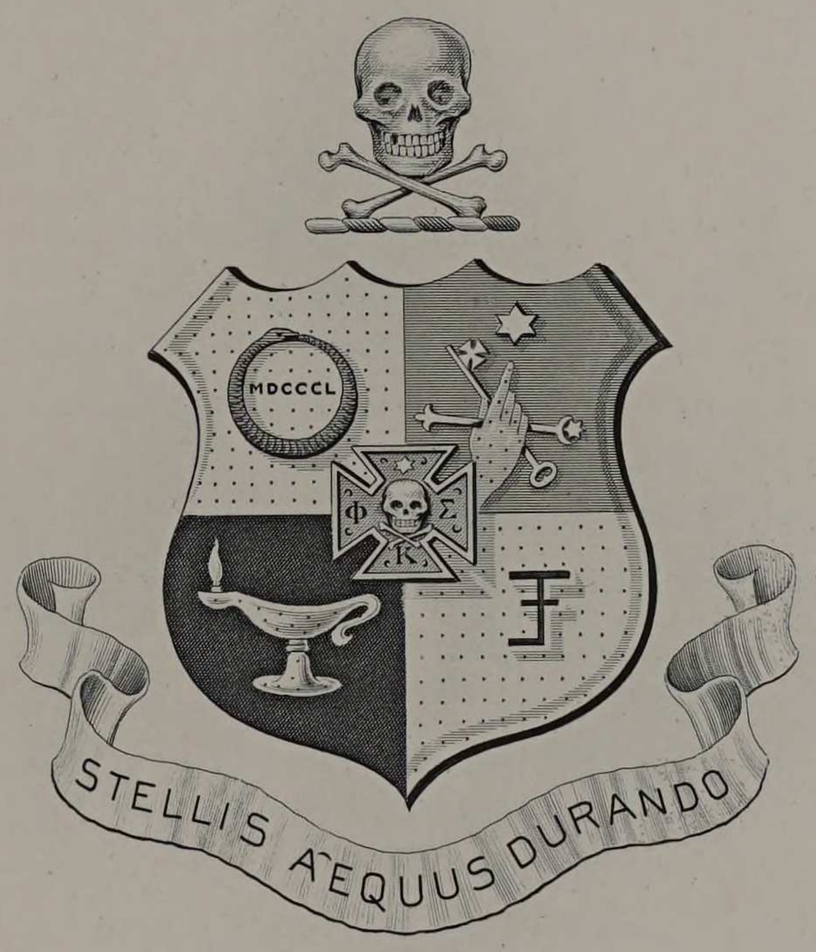
Among our pleasant memories of camp are the visits which we received from members of the faculty. President Raymond spent a few days with us enjoying camp life and cheering us in our work. His satisfaction with the camp was an encouragement and inspiration. Professor Phillips and his family spent the summer in a cottage on Trout Lake, as did Professor and Mrs. Penn. We tried to convey our best wishes to Professor Penn and his bride by an old fashioned charivari. The next morning the camp was minus several wash pans, but we all enjoyed a smoke in his honor. Professor Tibbals and his family motored from Tomahawk Lake to spend a day at camp. "Saints' Rest" took on quite an aspect of civilization during the time that Mrs. Wells spent at camp.

The last eventful incident was "The Battle of Trout Lake." It was a few hours before the big motor boat was to be taken out of the water and housed. A few pictures were to be taken, and all hands were gathered at the pier. The big boat lay peacefully at anchor about thirty yards from shore. Professor Wells and a few members from camp had just boarded her from a row boat which was being brought back to shore. Then things began to happen. Suddenly a great rock hit the water near the row boat; the oarsman was drenched, but undaunted. He made good use of his oar in retaliating. More rocks were thrown, some landing near the big boat and sending spray over its occupants. Another boat was launched under fire. Spray filled the air; swinging of oars; splashing of rocks; sheets of water. At last the battle subsided, but complete peace was not restored until the offender who had fired the first shot had been caught and thrown off the pier. Thus we account for the Summer Camp of 1922, six weeks of fun, of work, and of good fellowship.


FRATERNITIES

FRATERNITIES

He took his hand and called him, "Friend,"
The while a World stood by to see;
For of all gifts the gods may send,
A Friend best speaks of Deity.



Dreka, Phila.
Design Patent applied for

Phi Kappa Sigma

Founded in 1850

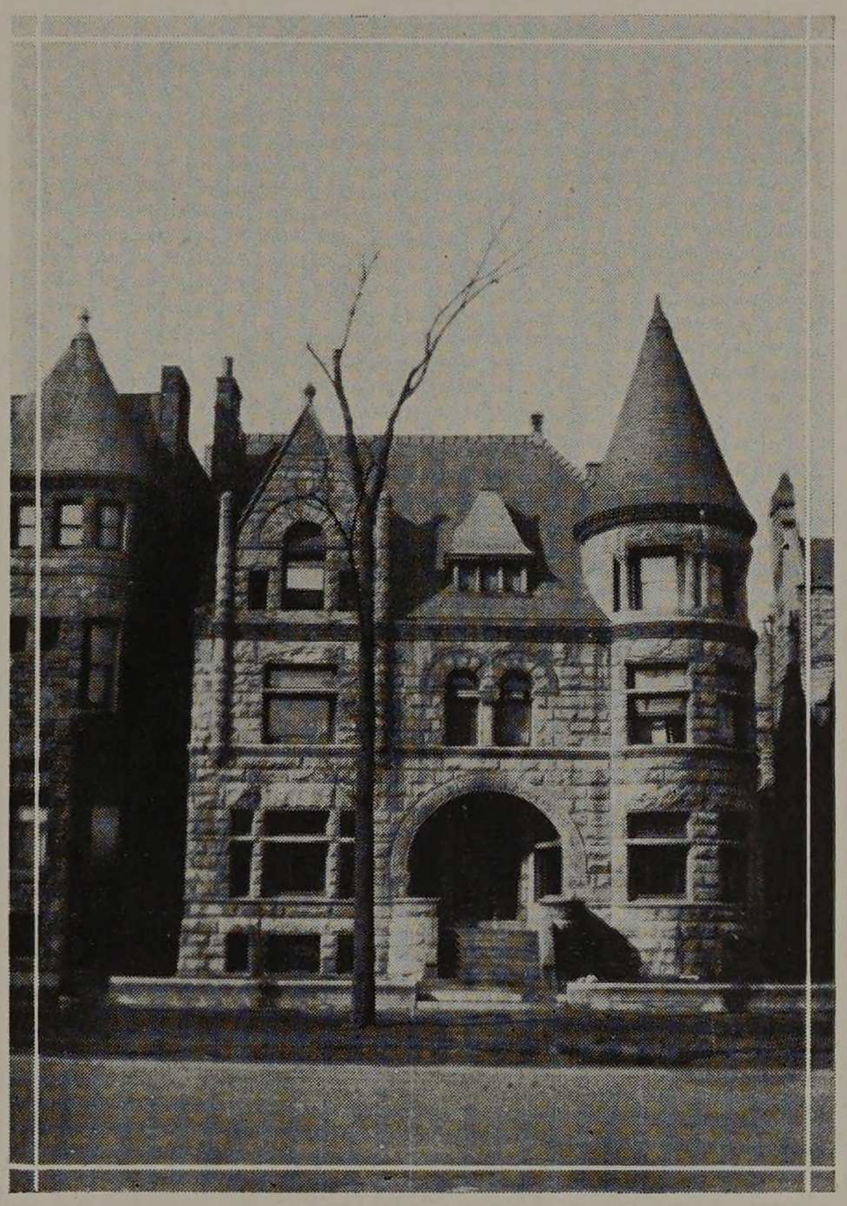
Alpha Epsilon Chapter

Chartered in 1898

3420 Michigan Avenue



Roberts, Schweitzer, Glover, C. Bockman, Jensen, Tarrant, Sloan, Mark.
Brown, Wells, Lindeman, Seaholm, Scoville, Heunerfauth, Miller, Davidson.
Love, T. Bockman, Hughes, Hubbell, Whitehill, Heuchling, Baldwin, Martens.
E. Hedges, Mallory, Dean, H. Hedges, Bush, Melka, Davidson.



Faculty

JOHN JOSEPH SCHOMMER, Chicago '10

Seniors

ROY P. JENSEN
WILLIAM J. TARRANT
FRED E. SLOAN
HAROLD G. LOVE

Juniors

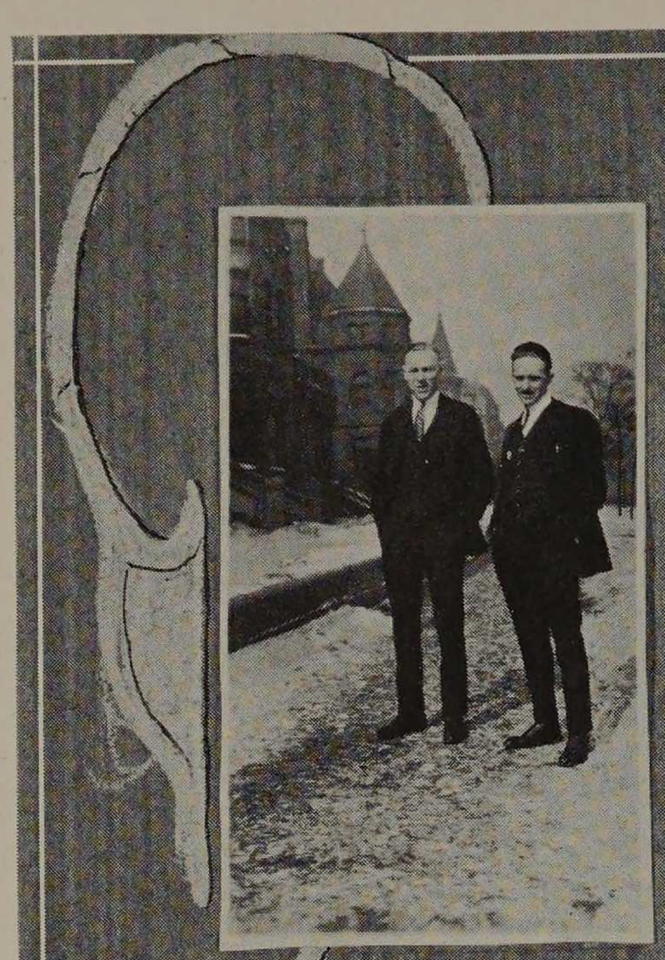
CHARLES H. BOCKMAN
JOSEPH N. GLOVER
EUGENE E. MARK
WILLIAM E. SCHWEITZER
EDWARD L. WELLS

Sophomores

W. HALE BALDWIN
THEODORE BOCKMAN
FLOYD E. BROWN
JAMES A. DAVIDSON
EUGENE C. HEDGES
HENRY M. HEDGES
HOMER H. HEUCHLING
EARL R. HUBBELL
CLINTON M. HUGHES
GEORGE E. HUENERFAUTH
THEODORE W. LINDEMAN
LEROY P. MARTENS
CARL G. MILLER
W. PROCTOR ROBERTS
ALLEN Q. SEAHOLM
DAVID B. SCOVILLE
HARRY P. WHITEHILL

Freshmen

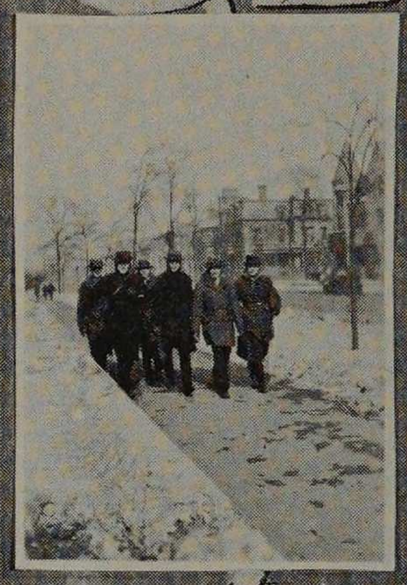
EARL BUSCH
NORMAN D. BARFIELD
DONALD B. DAVIDSON
WILLIAM A. DEAN
CHARLES L. MELKA
ROBERT F. MALLORY
DOUGLAS R. STIEHL







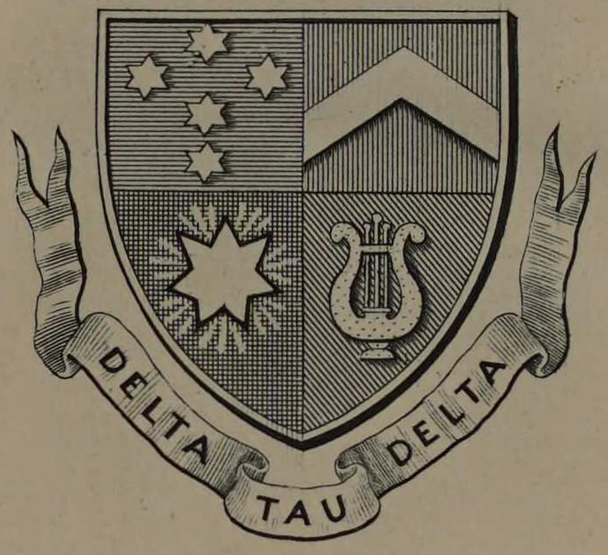












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1908
E. A. WRIGHT COMPANY, PHILA.

Delta Tau Delta

Founded at Bethany College, 1859

Chapter Roll

SOUTHERN DIVISION

Lambda.....Vanderbilt University
Phi....Washington and Lee University
Beta Delta.....University of Georgia
Beta Epsilon.....Emory College
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 Alpha...University of Oklahoma

WESTERN DIVISION

Omicron.....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 Alpha...University of Chicago
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

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 College
Beta Phi.....Ohio State University
Beta Psi.....Wabash College
Gamma Lambda....Purdue University
Gamma Xi....University of Cincinnati
Gamma Upsilon.....Miami University

EASTERN DIVISION

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

Delta Tau Delta

Founded in 1859. Sixty-seven active chapters

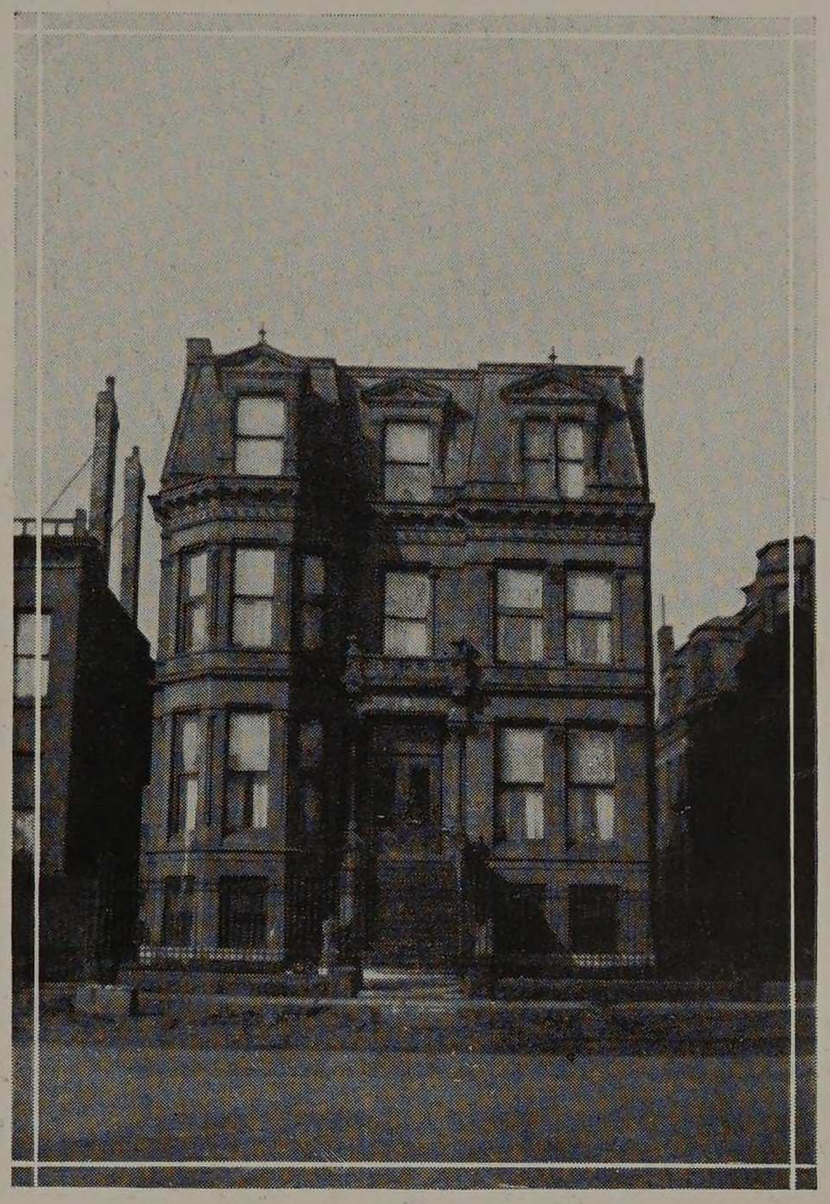
Gamma Beta Chapter

Chartered in 1901

3206 Michigan Avenue



Owens, Rutishauser, Nutt, Wetzel, Kinsman, Cox.
T. Smith, Jr., Renier, Sargent, Lang, Ketler, Westerberg.
McLaren, Greenleaf, Murner, Grove, Ford, Lynch.
Gorder, Lorenze, Olson, Walter, Emmerson.



Faculty

ARTHUR HOWE CARPENTER, Ohio University, 1894

Seniors

ORA L. COX
JOHN V. LIZARS
DONALD E. RUTISHAUSER
GEORGE B. STANTIAL
MERLE C. NUTT

Juniors

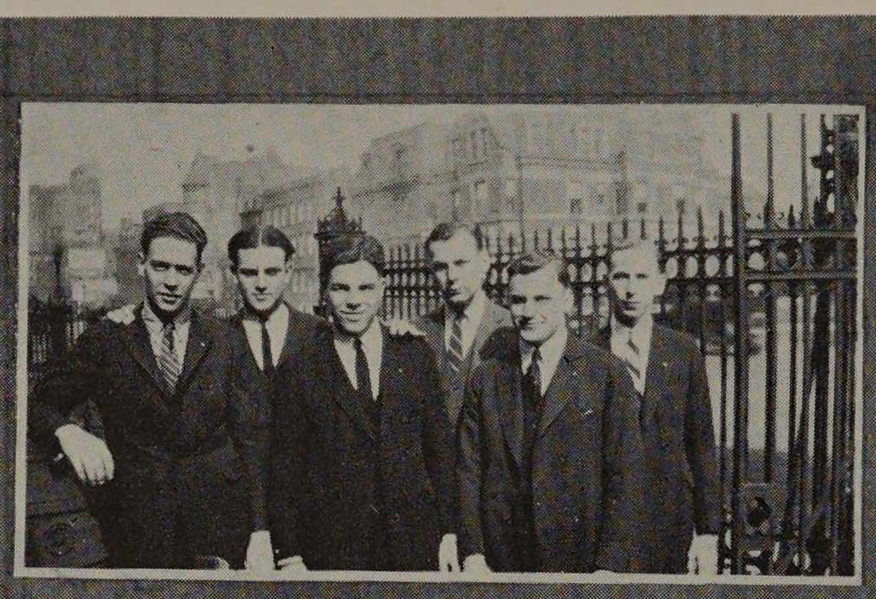
MAX M. BAYARD
ROBERT O. BRADLEY
WILLIAM BRINKMAN
JOHN H. FORD
HARLAN R. HARWOOD
RUSSELL B. GROVE
GEORGE C. KINSMAN
EDGAR A. LYNCH
FRANCIS MONTGOMERY
KENNETH MURNER
HOWARD E. WETZEL

Sophomores

JOHN BEATTIE
JOHN GREENLEAF
CARL OLSEN
STANLEY OWENS
MILTON H. WESTERBERG
JOHN M. SHOEMAKER

Freshmen

LESLIE GORDER
RALPH W. EMMERSON
ALBERT C. KETLER, JR.
CHARLES LANG
THOMAS J. SMITH, JR.
WILBUR S. SARGENT
SAMUEL J. MCLAREN
RICHARD LORENZE, JR.
LOUIS WALTERS
EDWIN RENIER

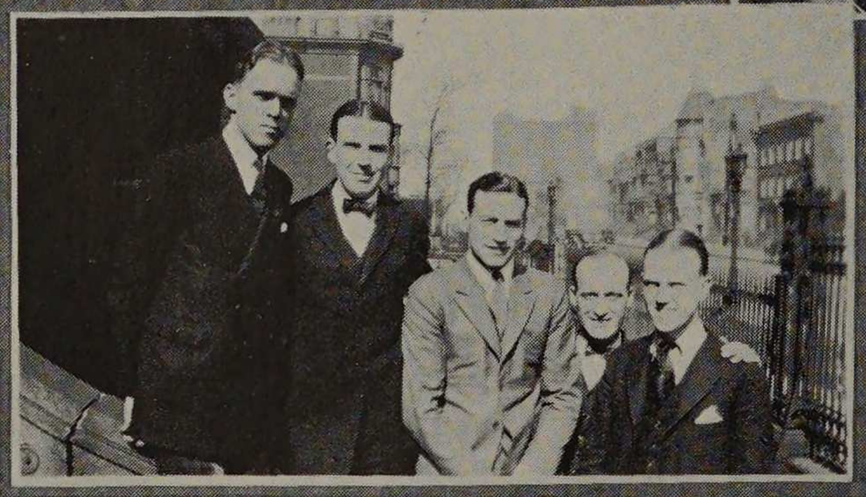


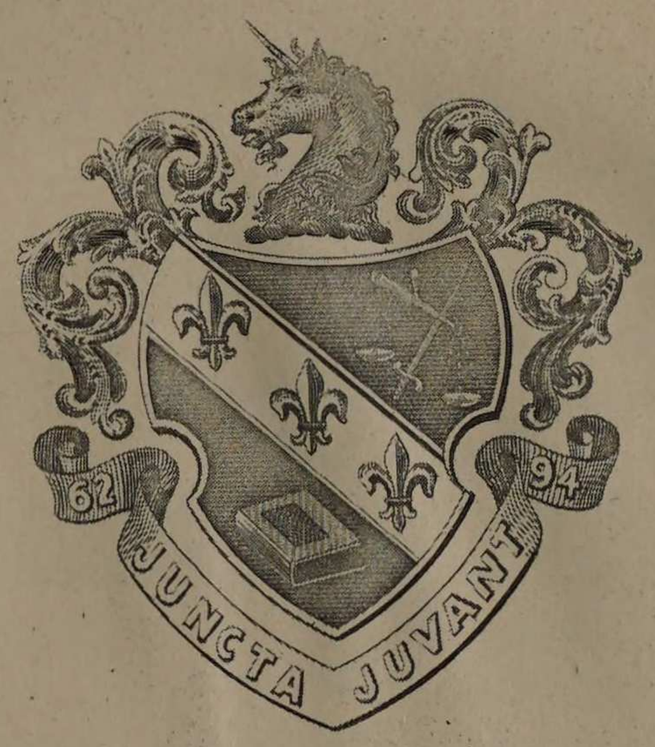












E. A. Wright, Phila.
3582

Theta Xi

Chapter Roll

Alpha.....Rensselaer Polytechnic Institute, Troy, N. Y.
Beta.....Sheffield Scientific School, Yale University, New Haven, Conn.
Gamma.....Stevens Institute of Technology, Hoboken, N. J.
Delta.....Massachusetts Institute of Technology, Boston, Mass.
Epsilon.....Columbia University, New York City
Zeta.....Cornell University, Ithaca, N. Y.
Eta.....Lehigh University, Bethlehem, Pa.
Theta.....Purdue University, Lafayette, Ind.
Iota.....Washington University, St. Louis, Mo.
Kappa.....Rose Polytechnic Institute, Terre Haute, Ind.
Lambda.....Pennsylvania State College, State College, Pa.
Mu.....Iowa State College, Ames, Iowa
Nu.....University of California, Berkeley, Cal.
Xi.....State University of Iowa, Iowa City, Iowa
Omicron.....University of Pennsylvania, Philadelphia, Pa.
Pi.....Carnegie Institute of Technology, Pittsburgh, Pa.
Rho.....University of Texas, Austin, Texas
Sigma.....University of Michigan, Ann Arbor, Mich.
Tau.....Leland Stanford Junior University, Stanford University, Cal.
Upsilon.....University of Washington, Seattle, Wash.
Phi.....University of Wisconsin, Madison, Wis.
Chi.....Ohio State University, Columbus, Ohio
Psi.....University of Minnesota, Minneapolis, Minn.
Omega.....Washington State College, Pullman, Wash.
Alpha Alpha.....Louisiana State University, Baton Rouge, La.
Alpha Beta.....University of Illinois, Champaign, Ill.
Alpha Gamma.....Armour Institute of Technology, Chicago, Ill.

Theta Xi



Founded in 1864

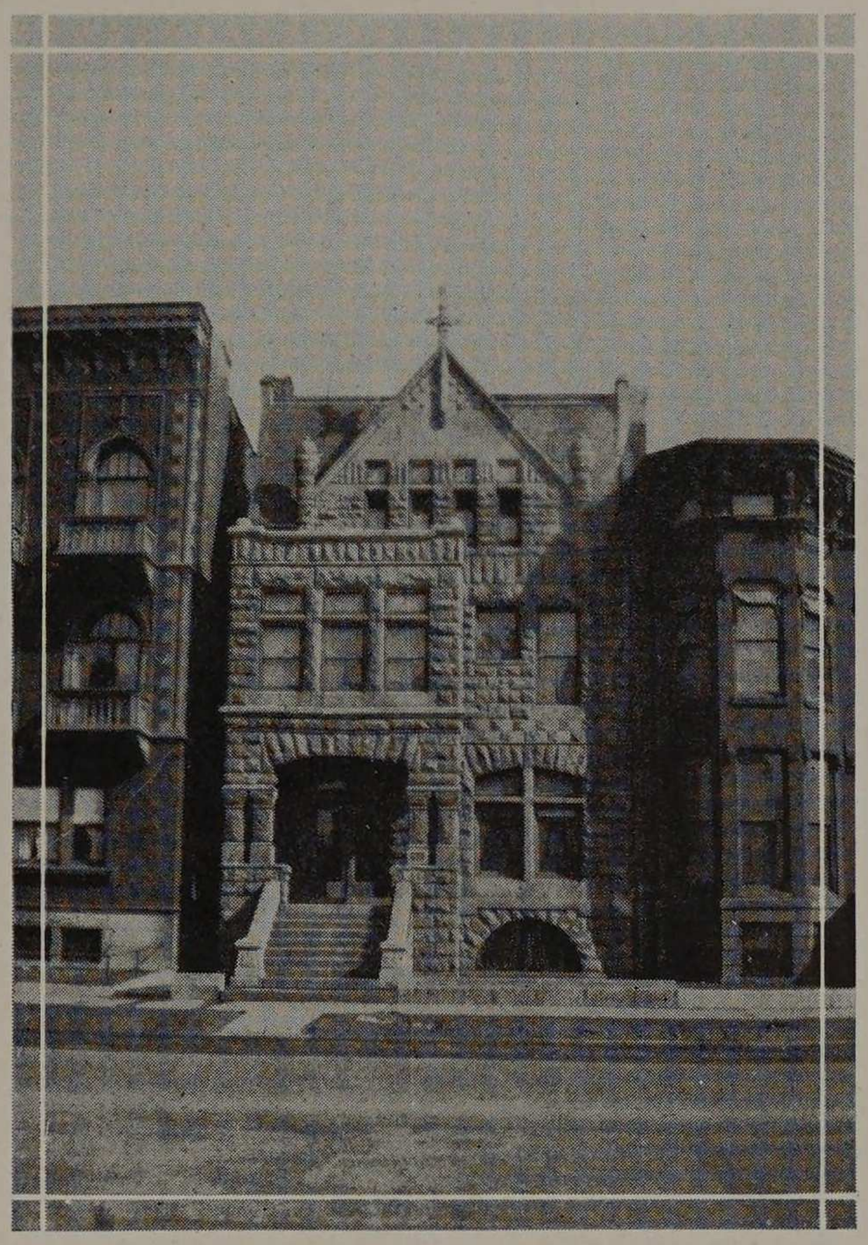
Alpha Gamma Chapter

Chartered in 1922

3251 Michigan Avenue



Lommen, Smith, Kingsley, Walsh, Latta, E. Sisson, Hussander, Senescal.
Dunlap, Heller, S. Sisson, Klein, Fisher, Woodfield, Patterson.
Cole, Thoelecke, Temple, Matson, Hauth, Blair, Pope.
Regensburger, St. Clair, Alber, Barger, Johnson.



Faculty

ROBERT V. PERRY, Armour '97
CHARLES E. PAUL, M. I. T. '00
JOHN C. PENN, Armour '05
CLINTON E. STRYKER, Armour '17

Seniors

GEORGE G. BLAIR
WILLIAM B. BLAUFUSS
RALPH D. FISHER
CHESTER W. HAUTH
RAYMOND O. MATSON
CHARLES F. POPE, JR.
ROBERT A. TEMPLE
J. LEE WALSH
JOHN C. WORLEY

Juniors

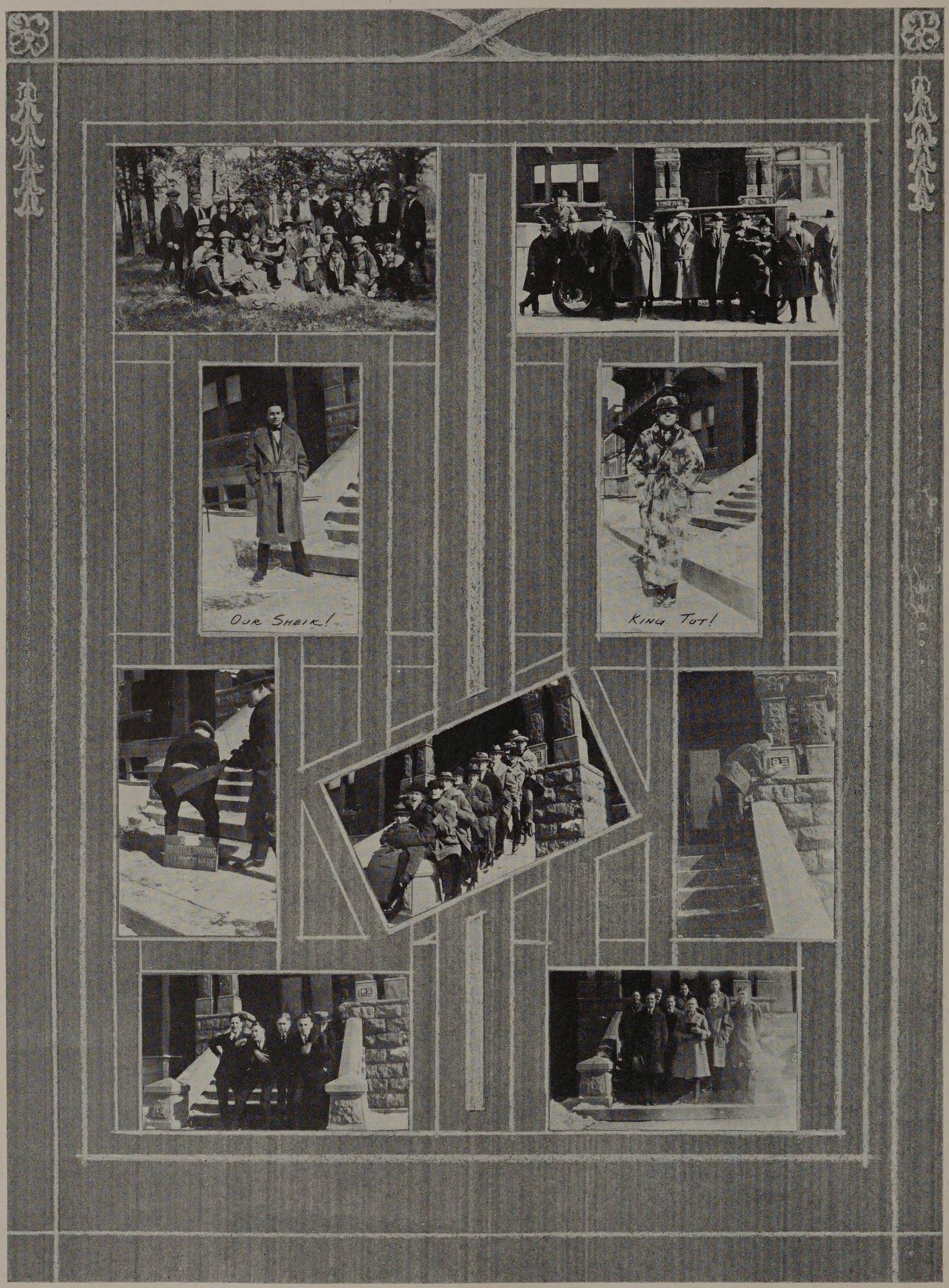
C. STEWART COLE
JAMES P. DUNLAP
DUANE L. HELLER
ERNEST A. KLEIN
LYNN M. LATTA
EDWIN A. LOMMEN
EDMOND F. SISSON
LOUIS C. THOELECKE

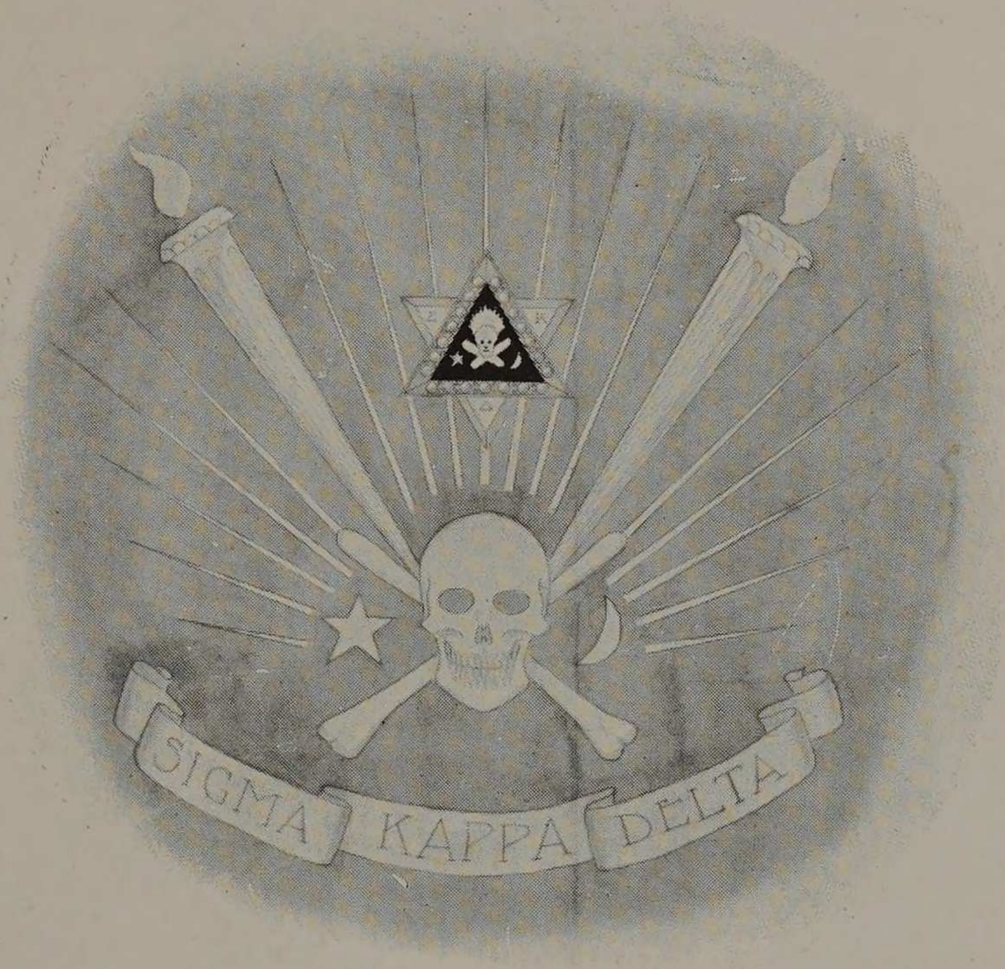
Sophomores

WILLIS J. MCCAULEY
WILLIAM J. PATTERSON
NORMAN H. REEVE
H. WALTER REGENSBURGER
LIONEL C. SENESCALL
ROBERT A. SMITH, JR.

Freshmen

L. DEAN ALBER
CHARLES W. BARGER
HENRY M. HARRIS
MARTIN C. HUSSANDER
CHARLES D. JOHNSON
PHILIP F. KINGSLEY
ROBERT C. SISSON
C. TRUMAN ST. CLAIR
GEORGE E. WOODFIELD, JR.


OUR SHEIK!
KING TUT!


SIGMA KAPPA DELTA

Sigma Kappa Delta

Organized September, 1912

3661 Michigan Avenue



Springer, Van Valzah, Reimann, Miller, Brown, Spaid, Manson, Lee.
Whitfield, Whittlesey, Ranson, Sanborn, Ruddiman, Marks, Schneider, Frederick.
Kopecky, Manske, Falconer, Taylor, Freeman, Voita, Hoff.

FRATERNITIES



Faculty

JAMES C. PEEBLES, Armour '04
WILLIAM H. LAUTZ, Armour '13

Seniors

F. A. MANSKE
L. G. MILLER

Juniors

M. L. BROWN
J. W. FALCONER
R. E. FREEMAN
A. T. OLSON
R. R. RANSON
E. C. REIMANN
G. P. RUDDIMAN
E. R. SANBORN
O. M. SPAID
R. L. WHEELER

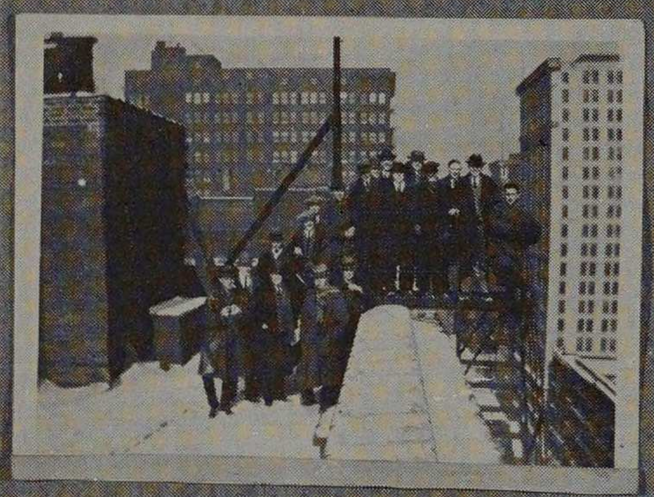
Sophomores

W. G. KOPECKY
D. D. MANSON
W. A. MARKS
C. M. SCHNEIDER
J. G. SPRINGER
VON D. TAYLOR
W. S. VAN VALZAH
E. VOITA
R. B. WHITTLESEY

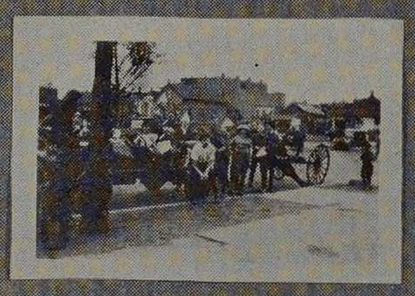
Pledges

S. A. BAIRD
J. R. FREDERICK
W. R. LEE
C. E. TWEEDLE
L. R. HOFF





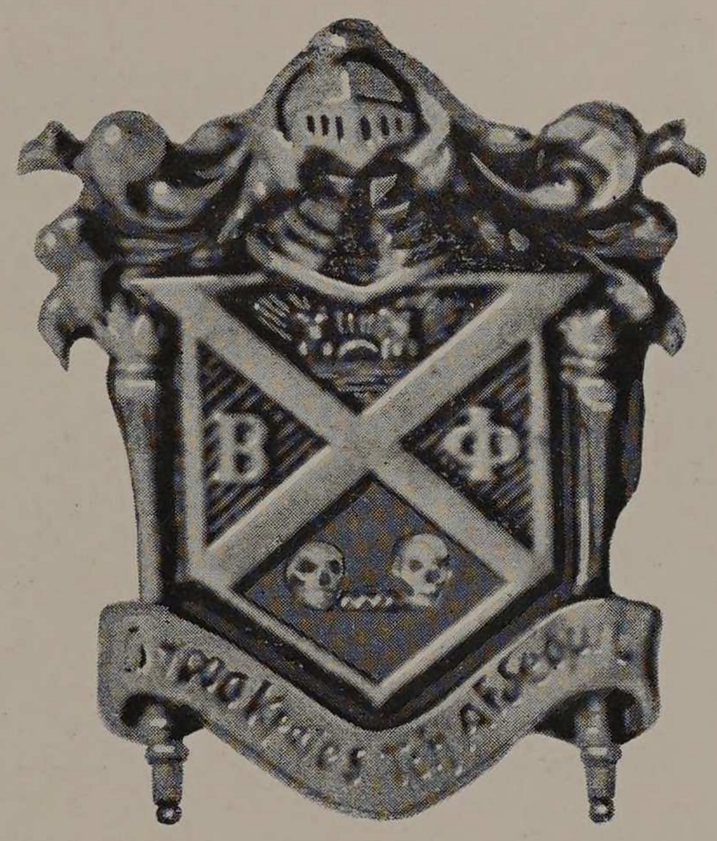




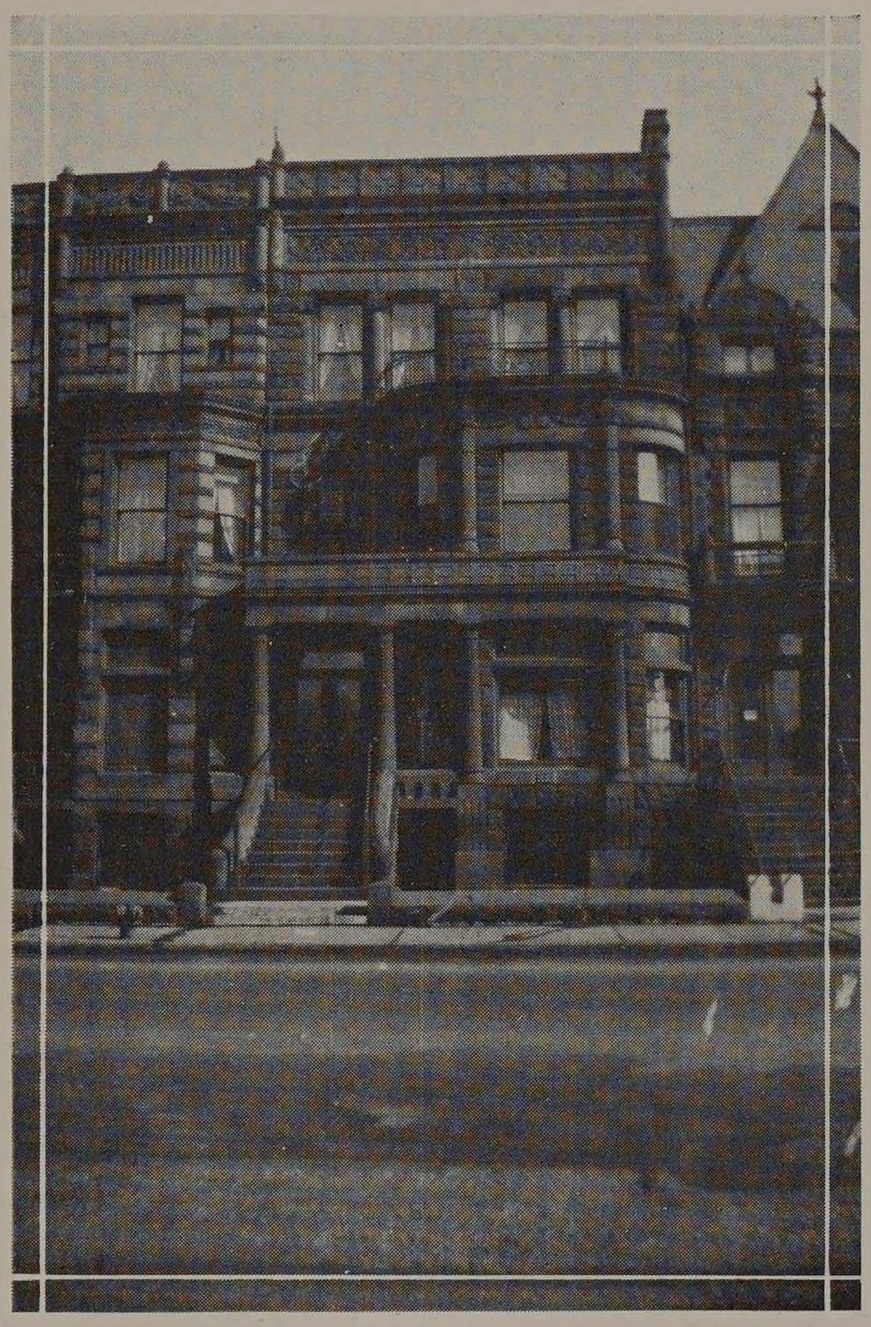







B
B
STRAIGHT TO ALSACE

FRATERNITIES



Beta Phi

3131 Michigan Avenue

Founded at the University of Chicago, 1911



Hall, Morgan, Noren, Terry, O. Petersen, Johnson, Vaughan.
Brady, Davis, Jarvis, Anderson, Harrington, Schumacher, Biever.
Larson, Citta, Olsen, Niksch, Hill, Pate.
Christensen, E. Petersen, Gustafson, Husemann, Greenlee.

FRATERNITIES

Faculty

H. L. Nachman
Armour '03

D. C. Roesh
Armour '04

E. H. Freeman
Armour '02

Seniors

A. J. Verplank
R. E. R. Broad
J. Citta

E. J. Biever
G. A. Morgan
H. E. Niksch
G. N. Schumacher

A. Hill
E. H. Christensen
R. Lowe

Juniors

J. R. Brady
N. B. Olsen
D. P. Noren

F. E. Jarvis
O. E. Heartstedt
E. J. Harrington

J. G. Johnson
E. W. Husemann
E. J. Terry

Sophomores

R. F. Anderson
A. W. Jensen
D. E. Larson

M. H. Pate
E. O. Davis

N. F. Vaughn
R. P. Gaylord
G. A. Gustafson

Freshmen

O. S. Peterson
R. H. Davis

P. C. Hall
J. V. Hogan

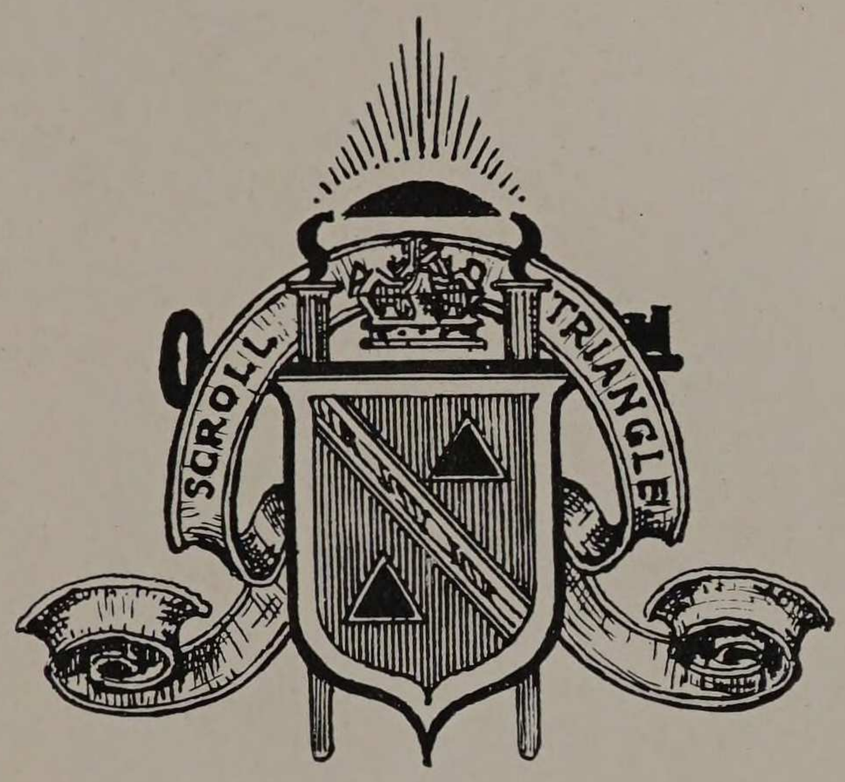
Pledges

E. J. Petersen

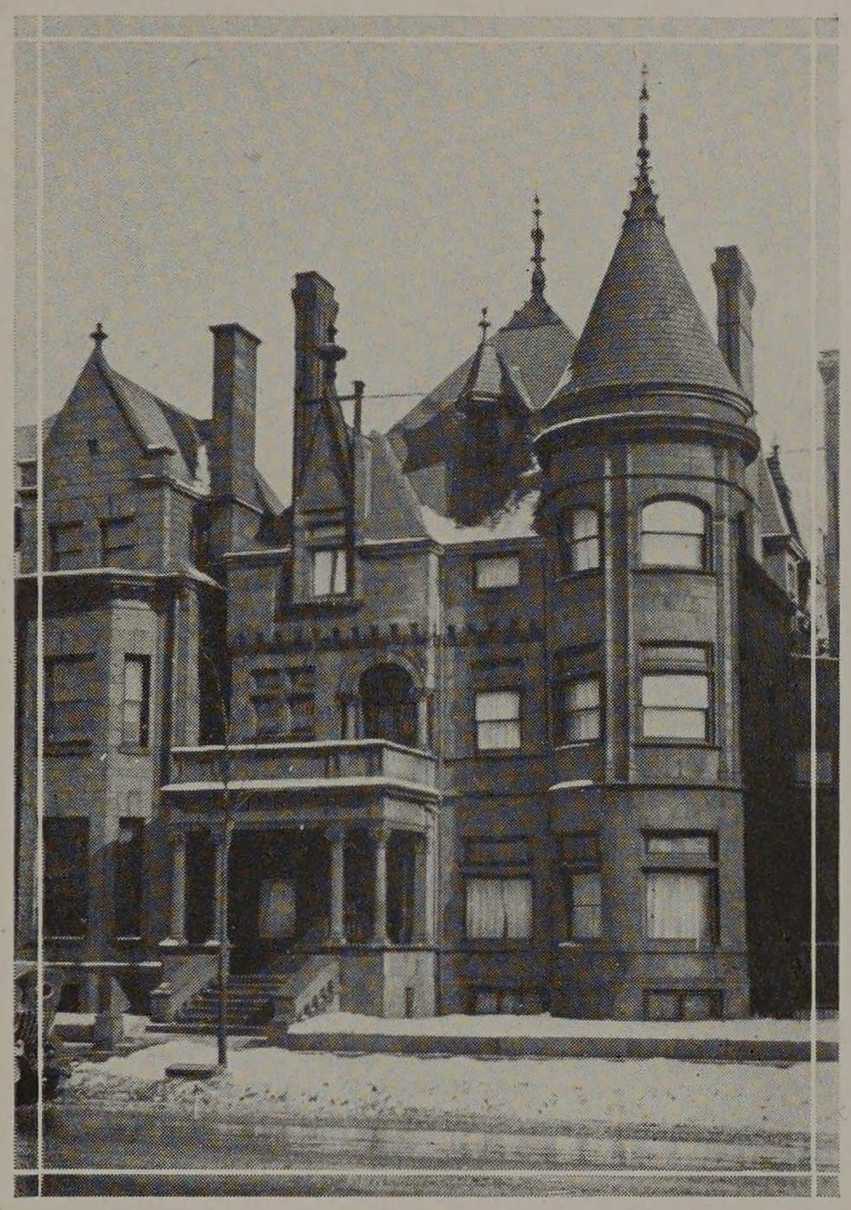
W. H. Miller

H. Murray




SCROLL
TRIANGLE

FRATERNITIES



Scroll and Triangle

3305 South Michigan Avenue

Organized October 12, 1920



MacDowell, Flenner, Mayo, Lintleman, Johnson, Montgomery, Soderholm, Nelle.
Luth, Spensley, Goedhart, Treff, Witte, Hanson, Carlson, Kenne.
Vickers, Wickel, Walworth, Munday, Crane, DeBra, Goodmanson.
Costello, McConahey, Cumming, Sweeney, Hoff, Beck.

FRATERNITIES

Faculty

P. C. Huntley
W. A. Reinert
H. R. Phalen

Seniors

Carl W. Carlson
George D. Crane
Eugene DeBra
George Goedhart
Elmer A. Johnson
Robt. S. Mayo
Harold W. Munday
James W. Spensley
W. Harry Vickers
Richard H. Walworth
Ralph O. Wickel

Juniors

Earle G. Benson
Wallace C. Cumming
David D. Davidson
John H. Goodmanson
Thomas E. McDowell
F. Raymond Nelle
John H. Sweeney
John H. Witte
Clair L. Keene

Sophomores

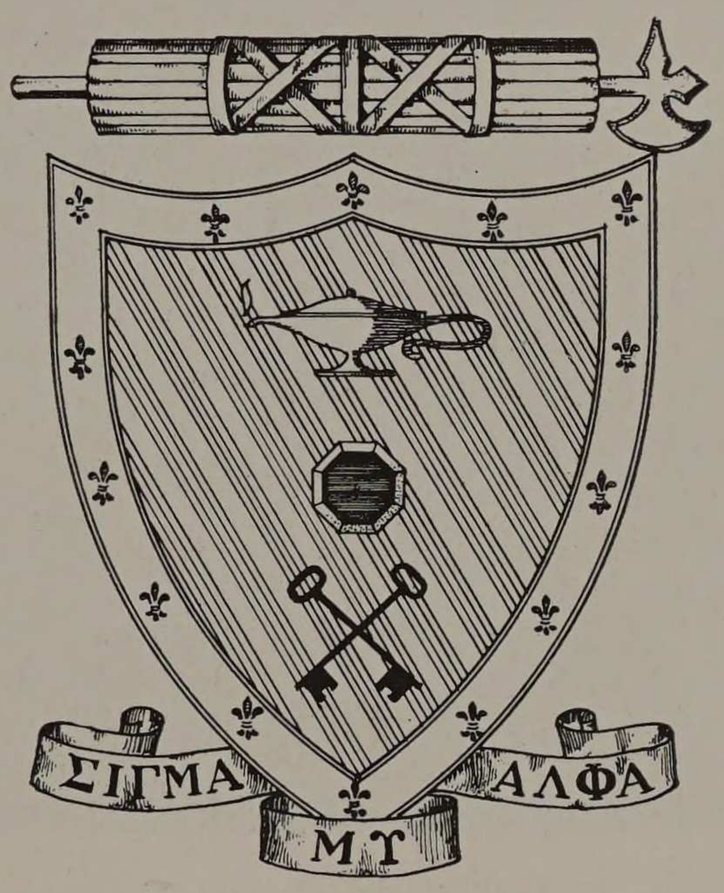
Mortimer D. Beck
Walter I. Hanson
Harold J. Luth
Otis H. Marling
James C. McConahey
Wm. J. Lintelmann
A. C. Soderholm
Albert Stemwedel

Freshmen

Louis Abrahams
Glenn Costello
Aetley C. Flenner
Hoyte M. Hammer
Herbert C. Hoff
Robt. M. Montgomery
Elmer A. Olsen
Walter Treff



FRATERNITIES



Signa Alpha Mu

Founded at the City College of New York in 1909
Sigma Epsilon Chapter, Established 1922

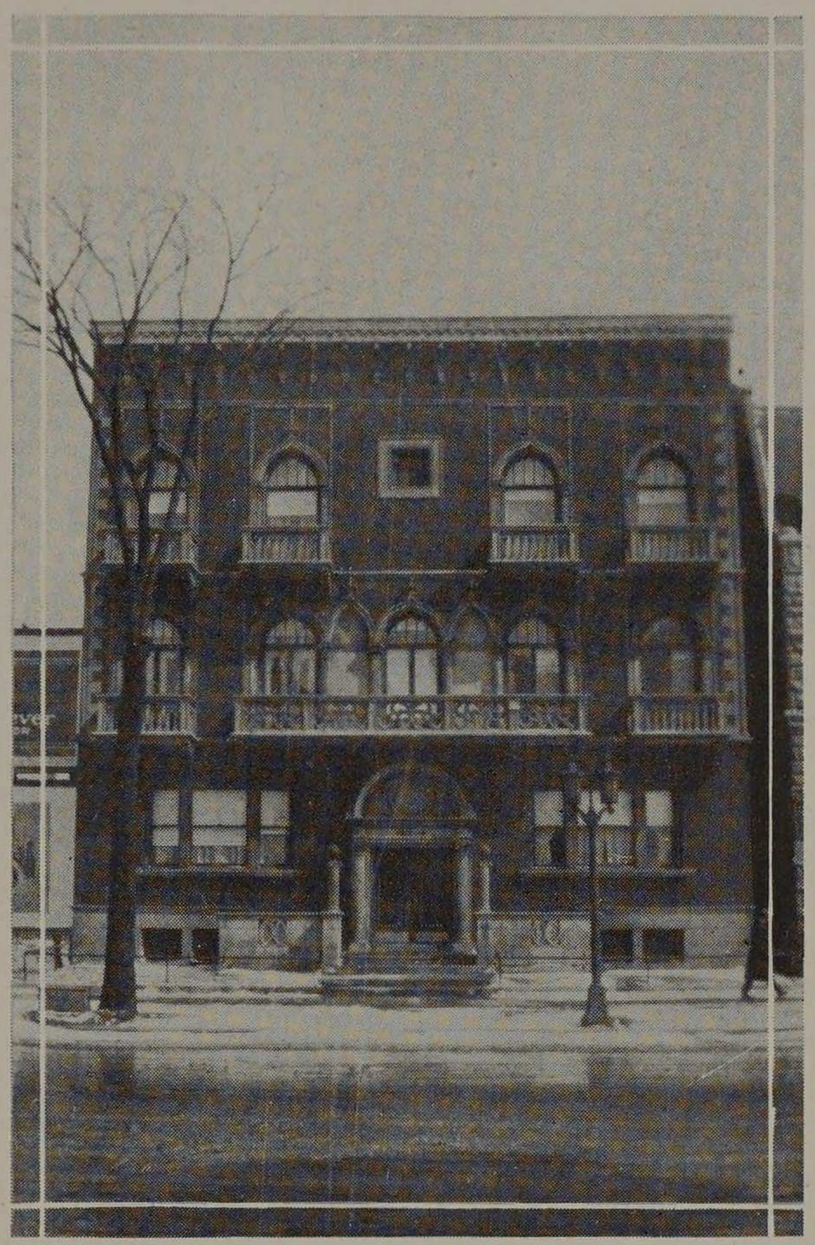


Messer, Blume, Drubeck, Tilds, Cohen, Spitzer.
Steiner, Alexander, Unger, Pollan, Schreiber, Kaufman, Newman.
Herman, Pelta, Stangle, Sang, Goldstein, Rotberg, Brandt.

CHAPTER ROLL

Alpha.....College of City of New York
Beta.....Cornell University
Gamma .....Columbia University
Delta.....Long Island Medical College
Eta .....Syracuse University
Theta .....University of Pennsylvania
Iota.....University of Kentucky
Kappa .....University of Minnesota
Lambda.....Harvard Unversity
Nu .....Buffalo University
Xi.....Massachusetts Institute of Technology
Omicron.....University of Cincinnati
Pi.....Yale University
Rho .....University of Illinois
Tau.....University of Alabama
Upsilon.....University of Utah
Phi.....Washington University
Chi.....McGill University
Psi ..... Pittsburgh University
Omega.....Toronto University
Sigma Alpha...University of Oklahoma
Sigma Beta.....Ohio State University
Sigma Gamma.....Tulane University
Sigma Epsilon.....Armour Institute of Technology
Sigma Zeta.....University of Indiana
Sigma Eta.....Purdue University
Sigma Theta.....University of Texas
Sigma Iota.....University of Michigan
Sigma Kappa.....Lehigh University

FRATERNITIES



Seniors

JEROME GOLDSTEIN
C. PAUL PELTA
H. THOMAS POLLAN
SIMON ROTBERG
PHILIP D. SANG
JACOB STANGLE

Juniors

ISADORE ALEXANDER
ROBERT BRANDT
MAURICE A. DRUBECK
DAVID L. MESSER
ALEXANDER I. NEWMAN
HENRY POPKIN
KALMAN STEINER
PAUL TILDS
PAUL R. UNGER

Sophomores

LOUIS J. BLUME
HERBERT SPITZER
NORMAN B. SCHREIBER

Freshmen

IRVING H. COHEN
MILTON HERMAN
WILLIAM M. KAUFMAN



FRATERNITIES

Rho Delta Rho

Chartered in 1920



Parker, Brostoff, Fabry, Lickton, Walk.
Benjamin, Delevitt, Goodman, Jacobson, Skolnick.
Krivo, Rosnick, Meyer, Zimmerman, Goldberg.

FRATERNITIES

Seniors

S. Fabry
D. B. Goldberg
S. Delevitt
E. Skolnick

Juniors

L. Rosnick
J. M. Parker
H. M. Brostoff
W. Goodman
E. Walk

Sophomores

W. L. Benjamin
P. Jacobson
S. Krivo

Freshmen

F. Meyer
S. Lickton
A. Zimmerman

Pledges

J. L. Perlman

Tau Delta Phi

Founded at City College of New York in 1910

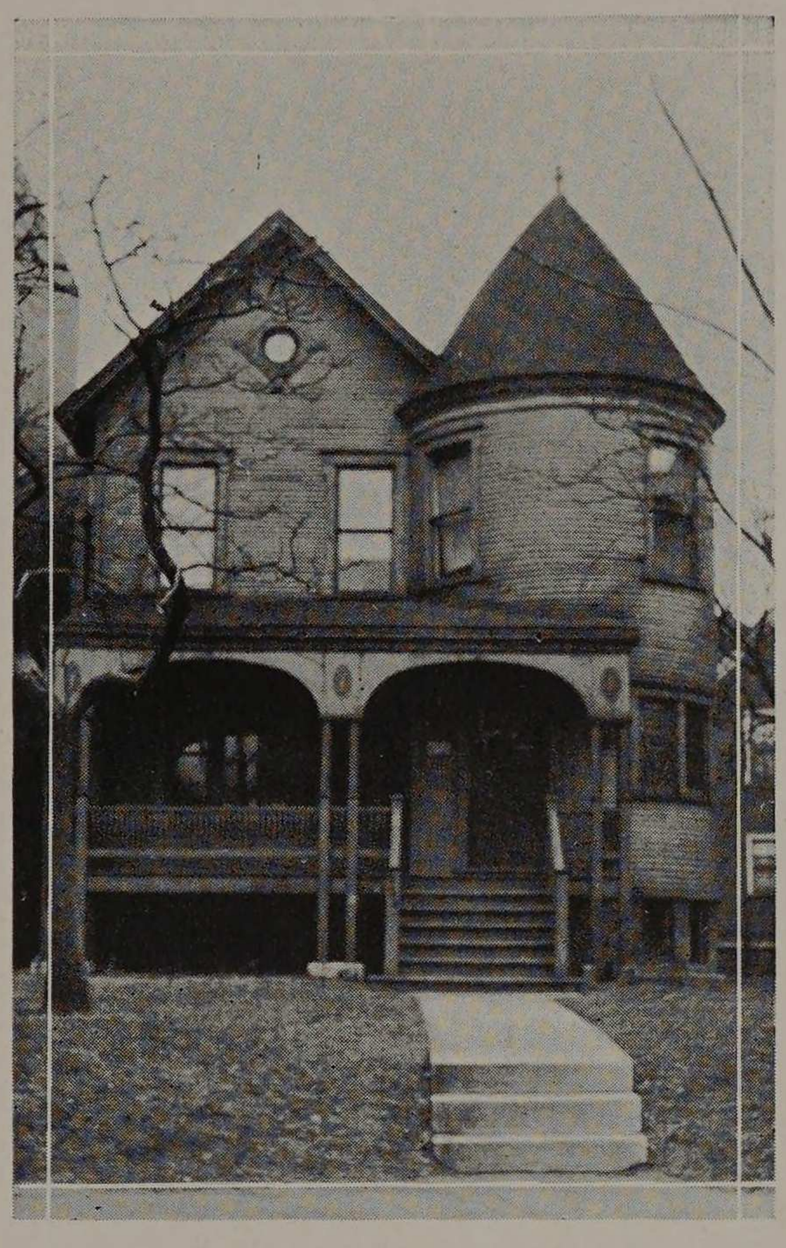
Theta Chapter

Chartered in 1922



Beilin Isenberg Garland Garland Hamersley Salzman Porlira

FRATERNITIES



CHAPTER ROLL

Alpha—College of the City of New York.
Gamma—New York University.
Delta—Columbia University.
Epsilon—Boston University.
Zeta—Harvard University.
Eta—Massachusetts Institute of Technology.
Theta—Armour Institute of Technology.
Iota—University of Pennsylvania.
Kappa—University of Cincinnati.
Lambda—University of Chicago.
Mu—Vanderbilt University.
Nu—University of Michigan.

Seniors

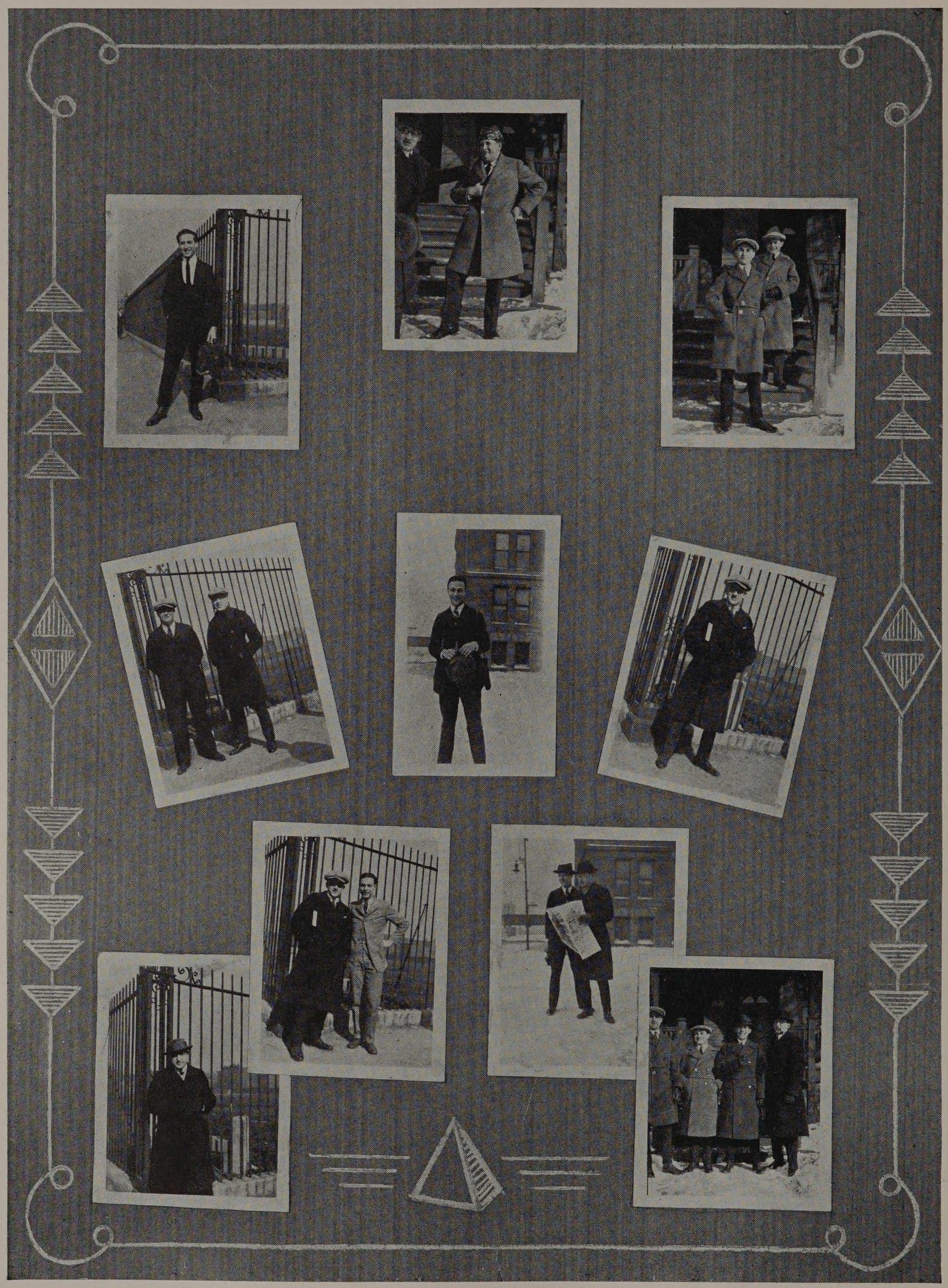
BENJAMIN M. GARLAND
BERNARD M. GARLAND
THEODORE J. KANDERS
MAX M. SALZMAN
PHILIP ISENBERG

Juniors

EDWARD BEILIN
LESTER HAMMERSLEY

Sophomores

GLENN A. PORLIRA



Honorary Fraternities

Tau Beta Pi

BETA CHAPTER OF ILLINOIS

Chartered April 1906

Forty-two Active Chapters



Nutt, Johnson, Spenser, O'Brien, Matson, Cox.
Lucas, Misura, Whipple, Christensen, Duerinck.
Love, Sykes, Lizars, Crane, Lowden, Biever.

HONOR FRATERNITIES

Faculty Members

E. H. Freeman, Armour '02
P. C. Huntley, Arkansas '10
W. H. Lautz, Armour '13
C. W. Leigh, Illinois '87
E. S. Libby, Armour '02
D. P. Moreton, Armour '06
H. L. Nachman, Armour '02
J. C. Peebles, Armour '04
J. C. Penn, Armour '05
R. V. Perry, Armour '97
Daniel Roesch, Armour '04
M. B. Wells, Purdue '94
H. S. White, Armour '17

Honorary Members

H. M. Raymond, President of Armour Institute
A. S. Phillips, Professor of Civil Engineering
G. F. Gebhardt, Professor of Mechanical Engineering
H. M. McCormack, Professor of Chemical Engineering
C. E. Paul, Professor of Mechanics
Bion J. Arnold, Hillsdale College '84
Harry Clay Coffeen, University of Illinois '98

Seniors

E. J. Biever
E. H. Christensen
O. L. Cox
G. D. Crane
P. J. J. Duerinck
E. A. Johnson
J. V. Lizars
V. E. Lowden
H. G. Love
J. F. Lucas
R. O. Matson
C. A. Misura
M. C. Nutt
W. A. O'Brien
B. L. Sites
J. W. Spensley
R. O. Wickel

Pledges

R. B. Berry
R. M. Beckwith
E. G. Benson
M. G. Burkey
J. H. Goodmanson
C. F. Kautz
T. E. MacDowell
E. O. Pierce
R. J. Rasmussen
J. H. Sweeney

Eta Kappa Nu

Honorary Electrical

Delta Chapter

Chartered 1909

Sixteen Active Chapters



Richardson, McDowell, Coultrip, Falcaher.
Lowden, Klein, Goodmanson, Duernick, Grube.
Biever, Piety, O'Brien, Krebs, Carlson.

HONOR FRATERNITIES

Honorary Members

ERNEST H. FREEMAN

JOHN E. SNOW

Faculty Member

C. E. STRYKER

Seniors

P. J. J. DUERINCK
J. W. FALCONER
L. E. GRUBE
E. J. BIEVER
M. B. KREBS
H. G. LOVE
V. E. LOWDEN
W. A. O'BRIEN
H. M. PIETY
R. A. TEMPLE
R. D. FISHER

Juniors

E. L. CARLSON
R. L. COULTRIP
J. H. GOODMANSON
E. A. KLEIN
T. E. MCDOWELL
D. E. RICHARDSON

Pledges

J. S. FARRELL
L. L. SWARTZ
J. O. AALBERG

Scarab



HONORARY ARCHITECTURAL

Founded at the University of Illinois, 1909

EDFOU TEMPLE

Chartered in 1915



Senescall, Johnson, McCauley.
Lynch, Nicolai, Flint, Stiehl, Pope, Sloan.
Faro, Suter, Voita.

HONOR FRATERNITIES

Honorary Member

LOUIS H. SULLIVAN

Faculty Members

EARL H. REED, JR. WILLIAM H. LAUTZ, JR.
WILLIAM F. MCCAUGHEY

Seniors

ELMER A. JOHNSON FRED E. SLOAN
CHARLES F. POPE W. LINDSAY SUTER

Juniors

R. VALE FARO EDGAR A. LYNCH
N. LESLIE FLINT A. ERWIN NICOLAI
CLAUDE A. STIEHL

Pledges

WILLIS J. MCCAULEY LIONEL C. SENESCALL
EUGENE VOITA

Phi Lambda Upsilon



Honorary Chemical

Omicron Chapter

Chartered May, 1920

Twenty Active Chapters



Cohen, Spensley, Blumenthal.
Sites, Nutt, Wilson, Crane.

HONOR FRATERNITIES

Faculty Members

H. M. McCormack
Walter J. Bentley
Charles A. Tibbals

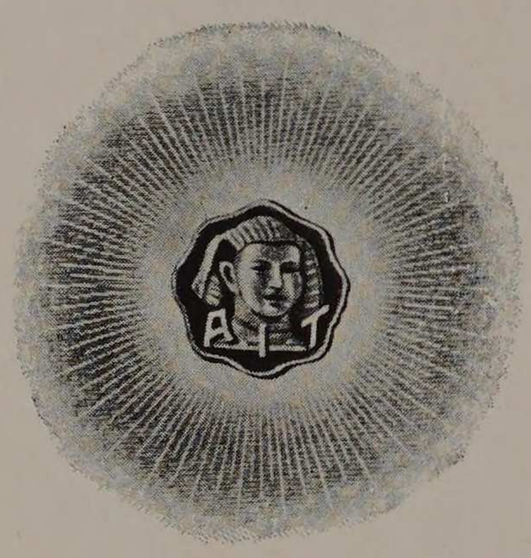
Seniors

Morris Cohen
George D. Crane
Merle C. Nutt
Benj. L. Sites
James W. Spensley
J. Richard Wilson

Juniors

Francis H. Blumenthal
Edgar W. Husemann
Clarence F. Kautz
John R. Brady

Sphinx





Pierce, Lizars, Nutt, Farrell, Johnson, Christensen, Grube.

HONOR FRATERNITIES

LESTER E. GRUBE ..... *President*

EARL H. CHRISTENSEN ..... *Secretary and Treasurer*

Honorary Member

LOUIS C. MONIN

Seniors

E. A. JOHNSON

J. V. LIZARS

M. C. NUTT

Juniors

J. S. FARRELL

E. O. PIERCE

Salamander



Honorary Fire Protection Engineering

Organized in 1923



Hauth, Cox, Worley, Beckwith, Prof. Finnegan, Blair, Matson.

HONOR FRATERNITIES

Faculty Member

JOSEPH B. FINNEGAN

Seniors

G. G. BLAIR

O. L. COX

C. W. HAUTH

R. O. MATSON

J. C. WORLEY

Junior

R. M. BECKWITH

Chi Epsilon

HONORARY CIVIL ENGINEERING

Beta Chapter

Chartered March, 1923



Goedhart, Mayo, Berry, Smith, Fredericks.
Nelle, Sweeney, Hess, Quayle, Prentiss, Burkey.
Carlson, Munday, Prof. Phillips, DeBra, Frink.

HONOR FRATERNITIES

Honorary Member

A. E. Phillips

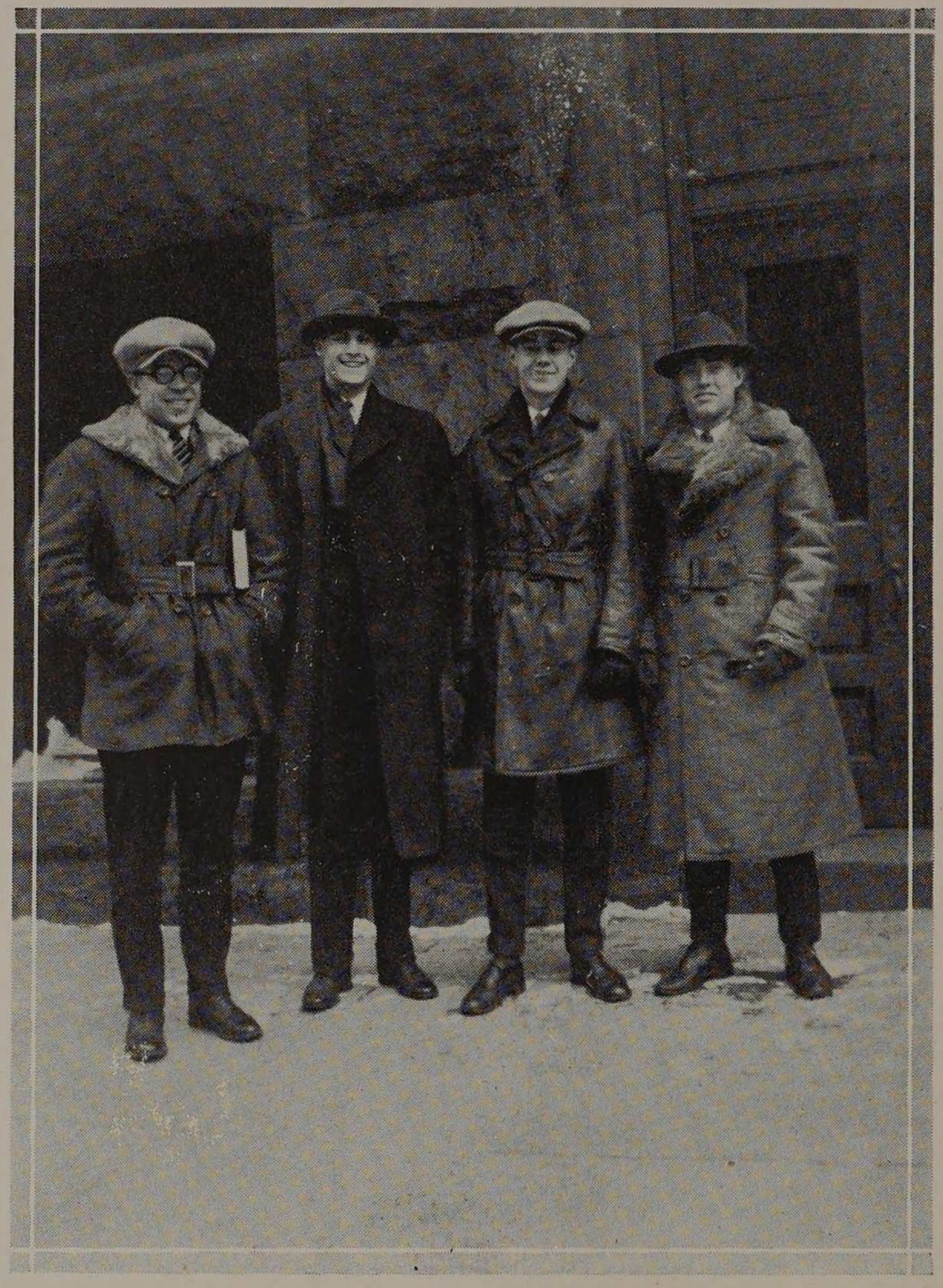
Seniors

Carl Wendell Carlson
Eugene Field Debra
Charles S. Frink
Fred G. Fredericks
George Goedhart
Frederick A. Hess
Robert S. Mayo
Harold W. Munday
Ormas G. Smith
Edward W. Prentiss

Juniors

Richard B. Berry
Mack G. Burkey
F. Raymond Nelle
Lloyd Robert Quayle
John H. Sweeney

Stray Greeks

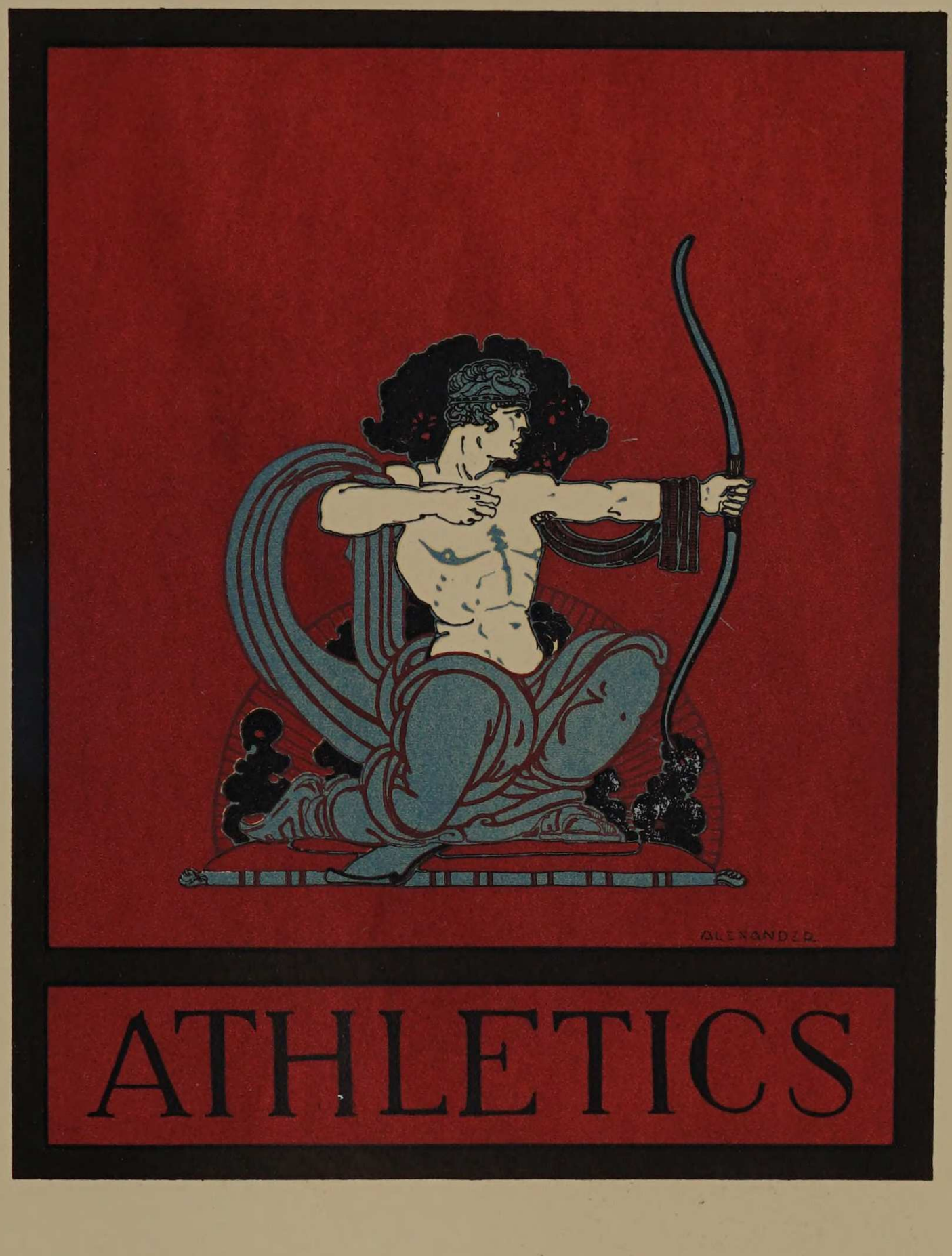


E. E. McLaren
Alpha Tau Omega

K. E. Eppich
Phi Kappa Psi

M. H. Cooper
Sigma Phi Epsilon

Albert H. Joseph
Kappa Sigma


ALEXANDER
ATHLETICS

ATHLETICS

THE BOARD OF ATHLETIC CONTROL

THE ARMOUR TECH ATHLETIC ASSOCIATION

THE HONOR "A" SOCIETY

BASKETBALL

W. C. KRAFFT, *Coach* — ED. E. MCLAREN, *Captain*

F. E. BROWN, *Manager*

BASEBALL

J. L. WALSH, *Coach* — W. F. DESMOND, *Captain*

L. C. THOELECKE, *Manager*

SWIMMING

J. H. WHITE, *Coach* — H. E. WETZEL, *Captain*

L. O. GORDER, *Manager*

TENNIS

C. A. TIBBALS, *Coach* — G. N. SCHUMACHER, *Captain*

J. F. LUCAS, *Manager*

BOXING AND WRESTLING

J. SMITH, *Coach* — M. H. COOPER, *Captain*

H. R. NISSLEY, *Captain*

GOLF

C. W. LEIGH, *Coach* — C. S. FRINK, *Captain*

CHEER LEADERS

E. A. LYNCH, *Varsity* — S. OWENS

The Board of Athletic Control

Officers

JOHN J. SCHOMMER.....*President*
GEORGE S. ALLISON.....*Treasurer*
WILLIAM C. KRAFFT.....*Secretary*

Faculty Members

Dean Louis C. Monin
Charles W. Leigh
Dr. Howard M. Raymond
Philip C. Huntly

Student Members

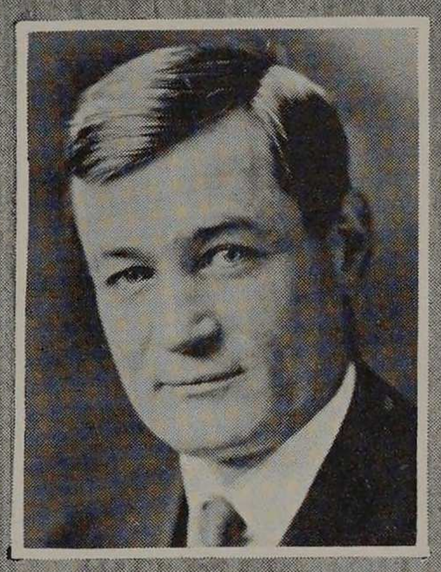
Harold W. Munday
George P. Ruddiman
Milton H. Westerberg
Edward E. McLaren
Alfred S. Danziger











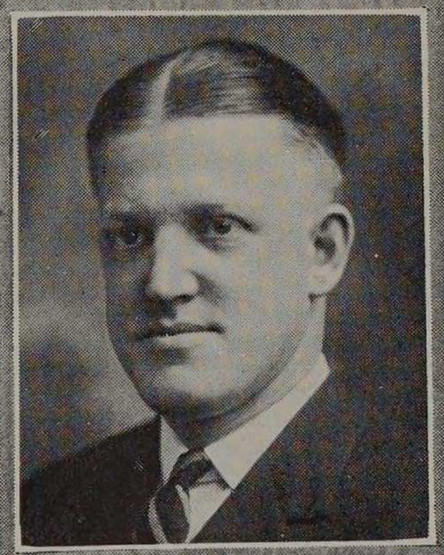






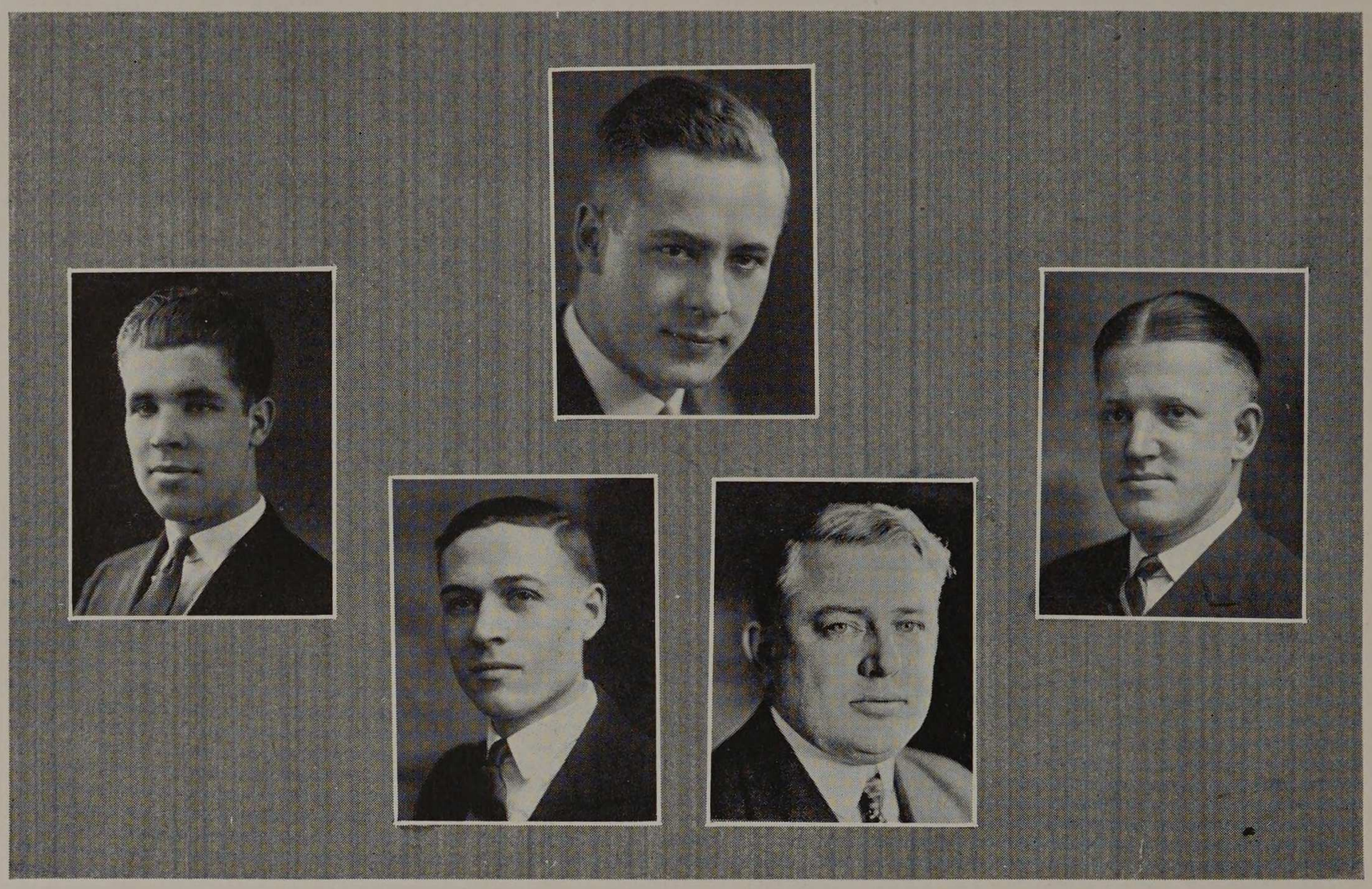








Armour Tech Athletic Association



McLaren Ruddiman Munday Allison Westerberg

Executive Officers

HAROLD W. MUNDAY.....*President*
EDWARD E. MCLAREN.....*First Vice-President*
MILTON H. WESTERBERG.....*Second Vice-President*
GEORGE P. RUDDIMAN.....*Secretary*
GEORGE S. ALLISON.....*Treasurer*

Chairmen and Managers

ORA L. COX.....*Social Committee*
RUSSELL B. GROVE.....*Reception Committee*
EARL R. HUBBELL.....*Publicity*
FREDERICK A. HESS.....*Inter-class*
GERHARD N. SCHUMACHER.....*Inter-fraternity*

The Armour Tech Athletic Association and Student Union

By Harold W. Munday

Although the Armour Tech Athletic Association and Student Union is too young as yet to have acquired a "past," the splendid support which it has received from students and faculty during its first year of existence proves that the principles for which it stands and the enthusiasm which it voices have long existed at Armour. Without such a fine spirit of coöperation such an organization could not exist. An all-student association requires an all-student support and an all-student loyalty so that it may with credit and with success achieve its ambition to be of service to the institution which it represents. The officers who have been honored with the task of guiding this enterprise through the first year of its history realize that, without this splendid encouragement, their efforts would have been of little value. All of the past of the Armour Institute of Technology has in reality been the past of this Association, for with the growth of the school has come the growth of a fine spirit of coöperation. An enthusiastic and harmonious student body, a distinguished and sympathetic faculty, a President who was in hearty sympathy with any movement which was in accord with progress—these were the elements which made the year of 1922 the opportune time for the launching of such an organization as the Armour Tech Athletic Association and Student Union.

The past year has seen the establishment of an activity fee with which it has been possible to promote boxing, wrestling, swimming, track, tennis and golf. Basketball and baseball have become more prominent. All teams have been taking more extensive trips and the most prominent teams of the middle west are now on our schedules. Proper facilities for all our teams have been provided. An extensive football inquiry has been promoted which has resulted in some interesting plans for the future. The Glee Club, under the supervision of the Association, has developed into an organization with an enviable reputation. The song and cheer contest conducted by the Association has given to Armour songs and cheers that will carry on the spirit of Armour in the future. Yes, the Association of the present is an institution of achievement. It has proved its worth and kept its trust.

The possibilities for the future are almost limitless. It does not require the vision of a prophet to see the activities and the usefulness of this organization reaching out until every individual, from the newest freshman to the oldest alumnus, feels the efforts of its endeavor. It should be the mainspring of enthusiasm to connect the active members of the school with those who have gone out into other fields. It should enlarge its scope until its work is of the utmost value to the administrative powers. It should keep pace with the spirit of progress that is at work in the school leading slowly and surely toward a greater Armour.

In athletics this organization has within its power the opportunity to place Armour among the major schools of the middle west. The Association should foster and champion every sport. In student activities this organization has within its power the creation of a spirit that will become the organized and directed energy, the unified purpose, and the driving power of the school.

The Honor "A" Society

Honorary Members

John J. Schommer

Harold W. Munday

Officers

J. Lee Walsh.....*President*

Chester R. Andrzelczyk.....*Vice-President*

William A. O'Brien.....*Secretary*

William F. Desmond.....*Treasurer*

The Honor "A" Society was formed in the spring of 1904 by the "A" men then at the Institute. The fundamental reason for the founding of the society was the promotion of the athletic interests of the Armour Institute of Technology. It was also to serve as a working unit for "A" men in the discussion of athletic questions and to preserve records of all athletes. Some of the duties of the "A" Society have passed into the hands of the Athletic Association, but the society still stands to bind closer together the men who have represented their Alma Mater on the athletic field.

Any student who has won his letter in any of the three major sports—basketball, baseball, and track—is eligible to membership. Each member is presented with a small gold "A" on which is kept a record of his athletic achievements while at college. This record is kept in a novel way. Each time a member is awarded a letter, a small star is stamped on the face of the "A." Certain sections of the "A" are reserved for basketball, baseball, and track. By means of this system a man's athletic record is apparent from the number and position of the stars.



































Munday Desmond Walsh O'Brien Schommer
Plocar Andrzelczyk
Burke Ruwaldt
Gaylord Schumacher E.E. McLaren Johnson
J. McLaren Danziger
Spaid Rutishauser

Review of the Season

By John J. Schommer, *Director of Athletics*

Many athletic dreams indulged in by students, faculty, and alumni in past years were realized in the spring of 1923. This revived athletic activity may be attributed to two things—an active student body and a sympathetic executive council.

Track athletics were placed in charge of Professor H. R. Phalen, tennis was put under the control of Professor C. A. Tibbals, swimming practice at the University of Chicago was placed under the charge of J. H. White, golf was put under the management of Professor C. W. Leigh, wrestling and boxing were made a part of the athletic program and J. Smith retained as an instructor, W. C. Krafft again was given the management of the basketball team, and baseball was assigned to J. L. Walsh. Professor P. C. Huntly, H. W. Munday, and the writer were appointed to procure all possible information regarding football at other colleges in order that the feasibility of establishing football at the "Tech" might be determined.

The baseball season for 1922 promised to eclipse the season of 1921, but the rainbow soon faded due to the inability of our pitchers to adequately withstand their opponents. The team was composed of good hitters, and enough runs were scored in many games that should have won but were lost due to opponents "lambasting" our hurlers. The "Tech" team defeated, amongst the better rated colleges, Columbia, Des Moines, and Lake Forest. Purdue University and the University of Chicago each defeated Armour by one run.

Basketball opened with fairly bright prospects. A hard schedule was arranged. Some injuries and sickness cost the "Tech" several deserved victories in games that went for defeats by two or three points. The Armory at 35th and Giles was used for practice.

Track athletics were inaugurated last fall by holding a meet at Ogden Field. Some good material was uncovered, and at this writing, about twenty men are training at the Bartlett gymnasium. It is the intention to schedule several dual meets this spring.

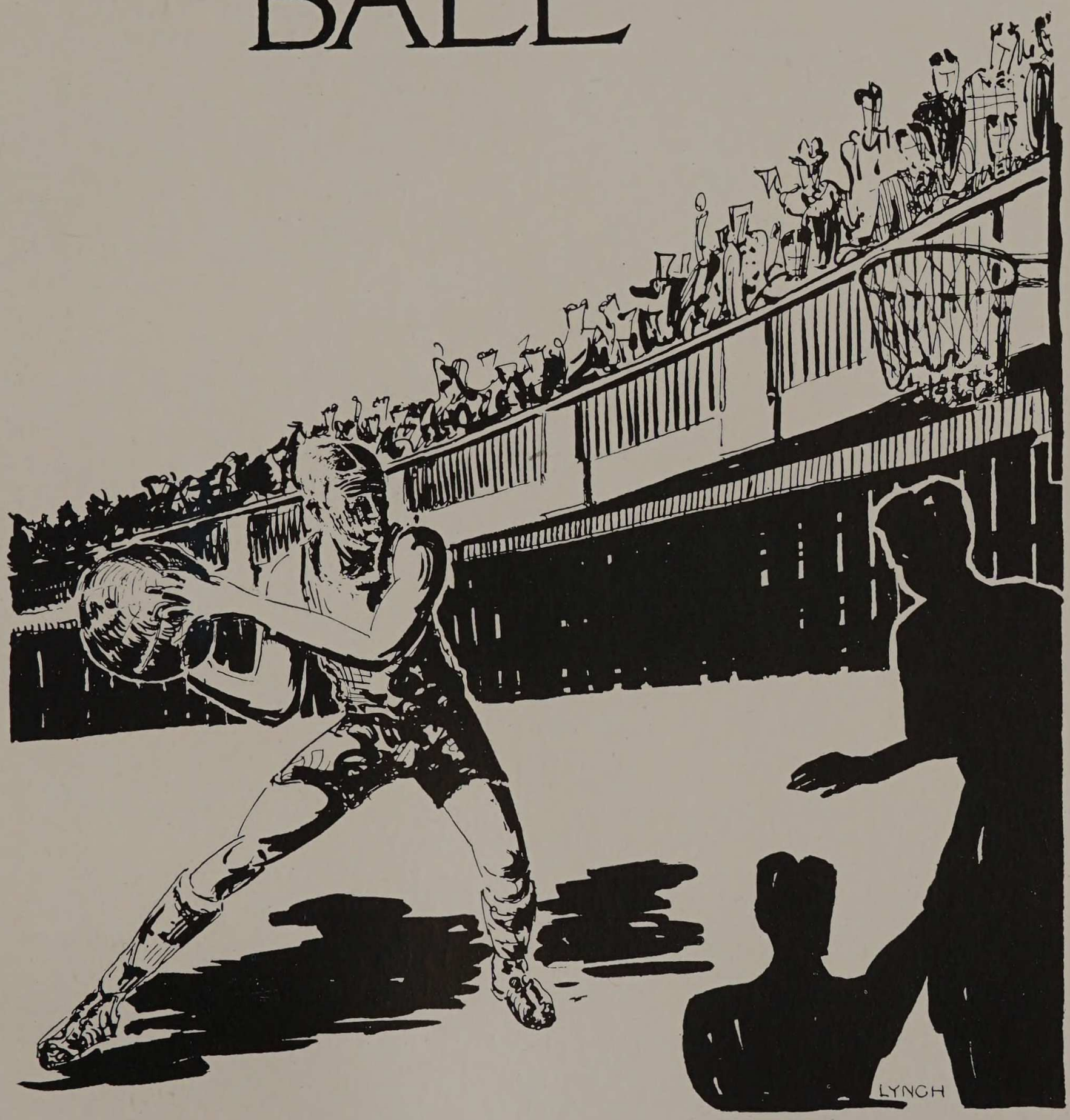
Tennis was given a splendid impetus last fall when some sixty men engaged in a tournament for the championship of the "Tech." Also, four courts, the best that can be built, were decided upon and will be built back of the flats this spring. A team will be picked and matches have been promised us by Northwestern and the University of Chicago.

Golf was given a start last spring by some of the students. Later a team was picked and matches between Armour and Northwestern and Chicago were arranged. Although the "Tech" lost, they gained tremendous interest and spirit in the sport, insomuch that golf has gained school recognition.

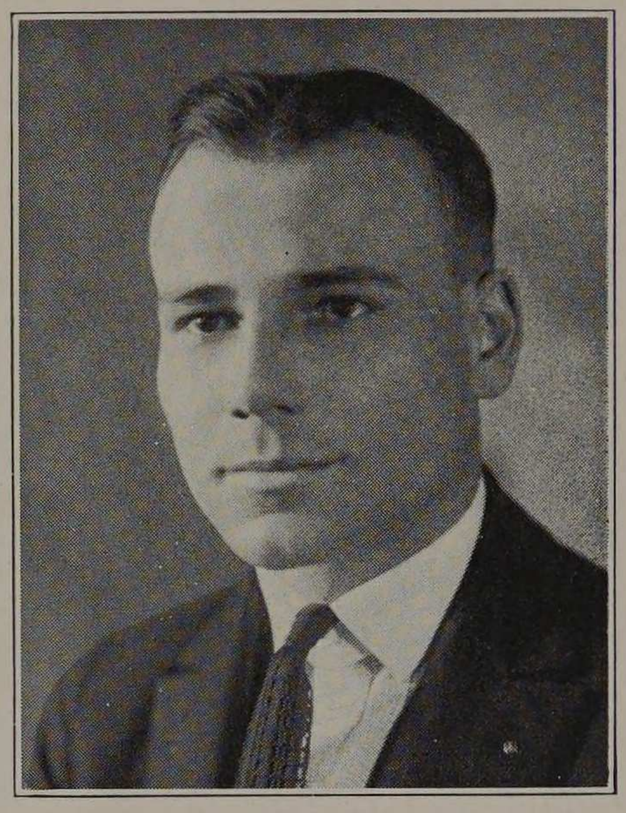
Boxing and wrestling have been rapidly developed since their inception last fall. Some thirty men have been busily engaged on the gym floor. A meet is to be arranged with one of the colleges close by. The result will be watched with interest as our gladiators are all "home grown."

Swimming has not thus far received the support it should, due mainly to the great distance that must be traveled for practice. We are necessarily handicapped by our lack of swimming facilities here in our own location, yet with consistent effort on the part of our natators, Armour may well take a worth-while place among the more favored colleges.

BASKET BALL



Basketball



Coach Krafft

The pre-season dopesters at Armour were willing to admit that the 1922-23 season would be one of the best in history. The reasons offered for the above opinion were, that most all of last year's squad was back in school, many new men were in line for the competition, upper classmen who had come out before were going to display their wares, the A. T. A. A. was beginning to function and hence the team would have more and better equipment, a bigger gym had been procured, and that the general atmosphere indicated a healthy future for basketball.

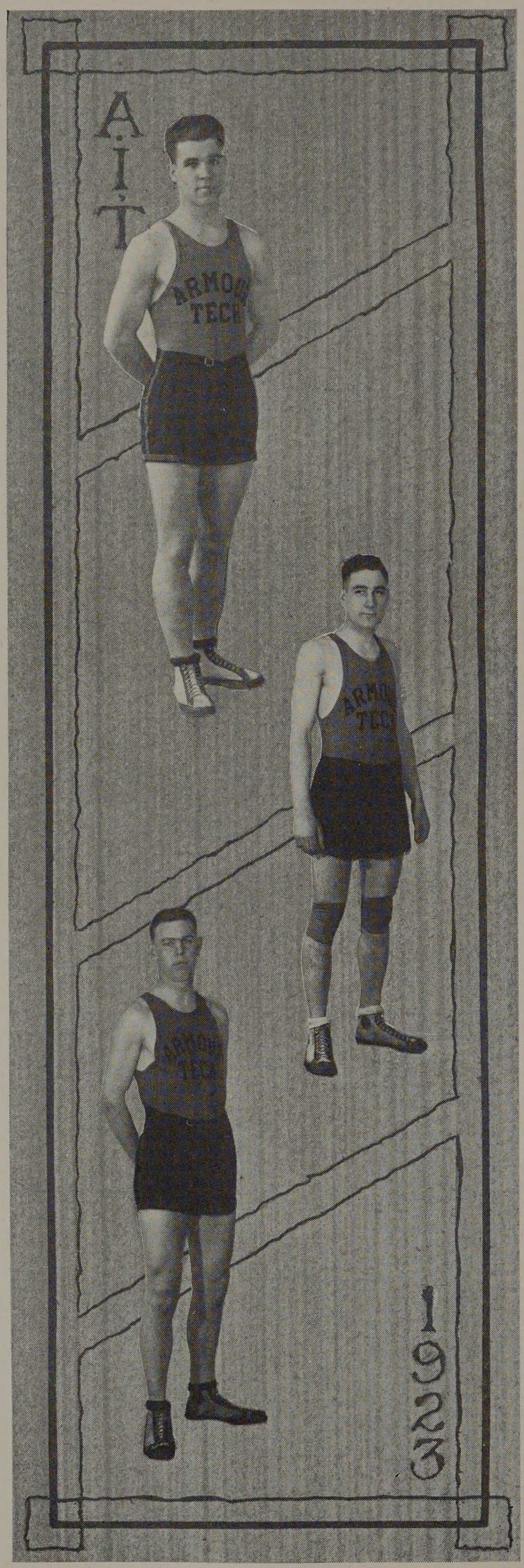
The squad was called out after the warm weather had departed and started practicing in the 7th Regiment Armory. Great was the delight of the men at being able to run about in a gym that provided more than a ten yard straight-away. For a week the spirit was high and the candidates skampered about like colts; then the first stretch of muddy road was encountered. The state legislature decided to tear up the floor in our playground and the squad had to adjourn to the bird cage once more. This necessitated cutting the squad to about half its initial size. Finally, through the faithful efforts of the Director of Athletics, the 8th Regiment Armory was obtained and practice started there about a week or ten days before the date for the game. By this time the squad had dwindled to about fifteen members with last year's captain among those missing.

The first game with Marquette University of Milwaukee was disastrous. However, Marquette was recognized as a very strong team and hopes were still high for a victorious season. Notre Dame was the next opponent. The team looked fairly good for the first part of the game but during the second half they permitted another bad score to be hung up against them. The silver lining showed itself in the next contest, which was against Western State Normal College. Armour came out on the top, but accurate goal throwing rather than team play was responsible for the victory. Nevertheless a new life was instilled into the squad and the future again looked bright. Three trips, broken by the alumni game at home, were the next items on the program. The trips resulted in collecting defeats at the hands of Notre Dame, Bradley Polytech, Augustana, Western State Normal, Detroit University, and Michigan Aggies.

Edward McLaren, the captain, played the back guard and any success that may have been attained must be credited to him in the way that he held the team together. Johnson played running guard while Lee and Busch were the reserves for these positions. Terry and Gaylord performed at center while "dead eye" Schumacher, Joe McLaren and Danziger held down the forward positions.



Krafft, Danziger, Terry, Coffey, Lee, Busch, Brown.
J. McLaren, Johnson, E. McLaren (Capt.), Gaylord, Schumacher.



ATHLETICS

EDWARD E. McLAREN, '24
(Captain and Guard)

"Eddie" was one of our shining lights this year and much credit is due him for the way in which he kept the spirits of the team up in times of defeat. "Mac" was one of the best basketball captains Armour has had in many a year. This is mainly due to the great interest he has shown in his work. Not alone was he liked by his team mates, but he also gained the respect, support, and popularity of the entire student body. As a guard, Ed was hard to beat. His keen judgment and quick thinking continually baffled his opponents and kept them from scoring points. This was McLaren's second year of basketball and at the rate he was going, he will indeed be in his prime next year.

GERHARD N. SCHUMACHER, '23
(Forward)

"Garry" as usual was the hero of the year. True to form "Garry" headed the point column and had a lead of 101 points over his nearest rival. "Shu" has an uncanny eyt for the basket and the more difficult the shot, the more easily he seems to hit the basket. On the free throw line he is nearly faultless. Probably "Shu's" success lies in the fact that he has perfect control of himself both mentally and physically. Having played varsity basketball every year he was at the Institute, he has won four "A's" in basketball alone. If "Shu" has as good an eye for engineering as he had for the basket—look out for Schumacher!

ELMER A. JOHNSON, '23
(Guard)

Johnson is another old timer who has played three years of basketball at the "Tech." "Swede" played the other guard position with McLaren and at all times kept his forward out of danger from the basket. "Swede" became so efficient at guard that he attempted the role of forward on many occasions and made good. Should you have seen the ball speeding on a line with the basket from somewhere at the other end of the floor it was safe to guess that Johnson was the last man to touch the ball. This is Johnson's last year at Armour and we are all very sorry that we will not see him again in Armour togs. Good luck to you, "Swede", old boy.

ATHLETICS

S. JOSEPH McLAREN, '26

(Forward)

"Joie" is the other half of the McLaren combination and is one of the new boys on the team. From the first day that Joe was out for practice he displayed varsity caliber. He is a product of the Austin High School and knows the game from A to Z. Very few men of Joe's size have the fight and power that he possesses. "Joie" was that factor of success that is not always to be found in athletes—that of keeping his head. This very thing has made him get the best of men twice his size. We are sure that McLaren will have a successful season next year because everything is in his favor.

ROBERT P. GAYLORD, '25

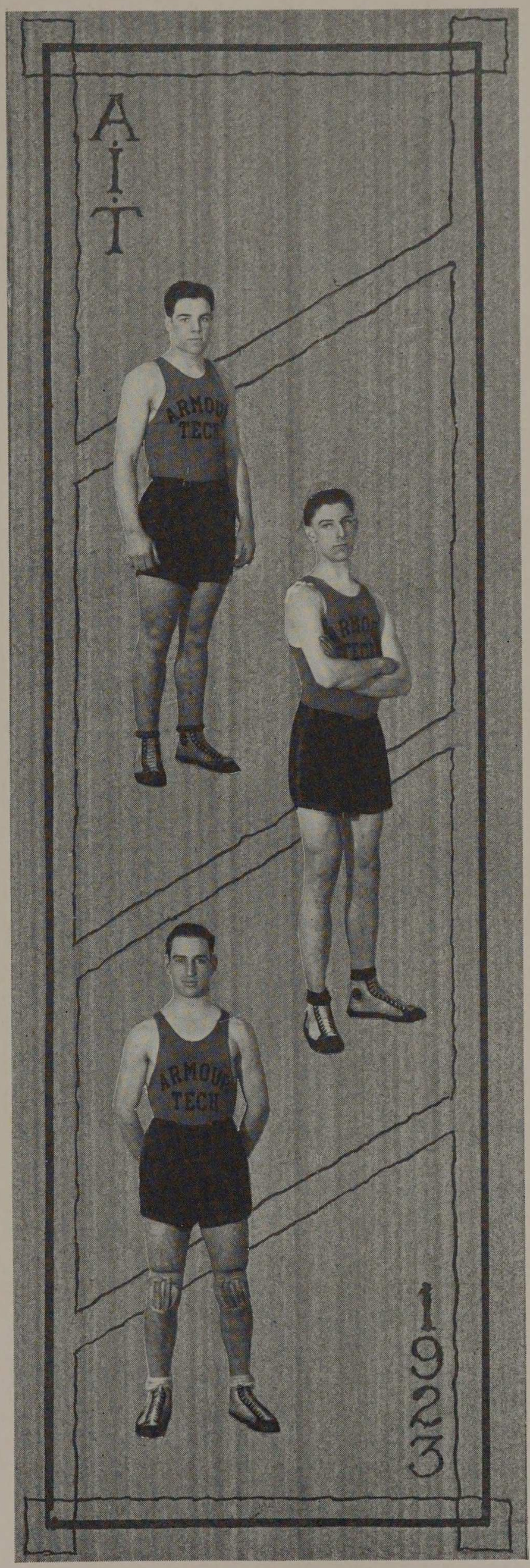
(Captain-elect and Center)

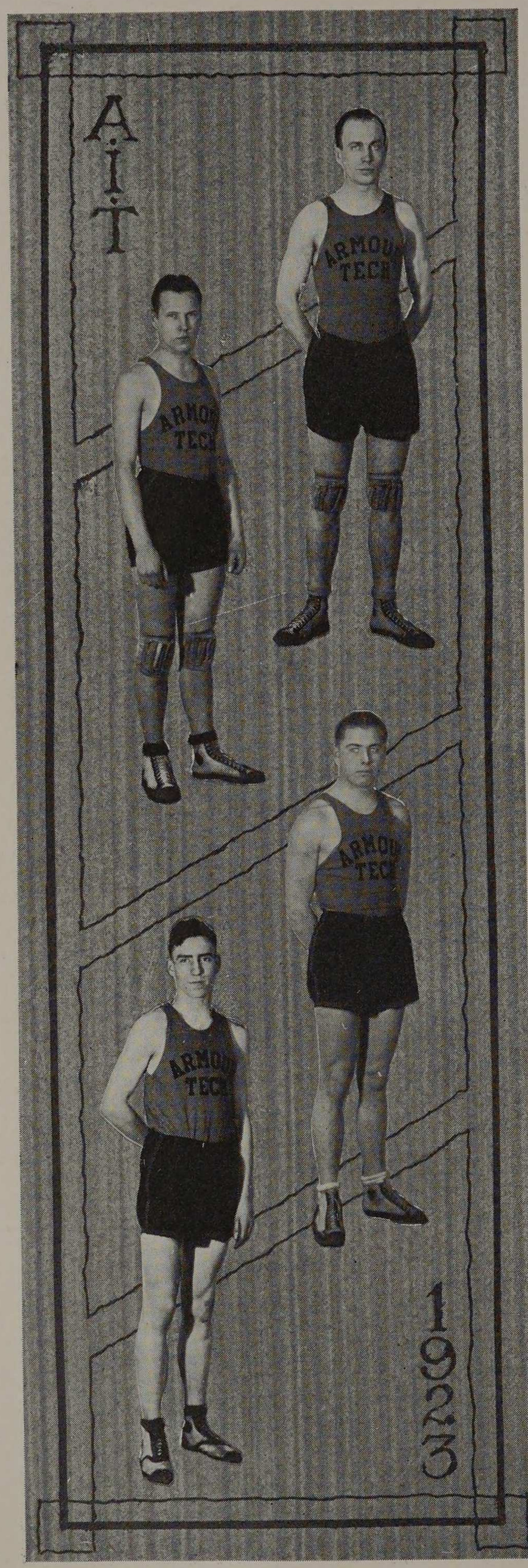
This was Gaylord's first year on the team and he certainly made quite a name for himself. He invariably got the jump on his opponent and could place the tip-off with surprising accuracy. "Bob" had a good eye for the basket and his special shot was in coming through center on the out-of-bounds play. He worked well in the long pass game because of his height. Gaylord was well liked by all of his team mates because of his good nature and willingness to help. We are all glad to know that he will be with us again next year and know that it will be his best season.

ALFRED S. DANZIGER, '26

(Forward)

"Danny" was another new man and from the first day he appeared for practice he was considered one of the gang. "Danny" learned basketball at Cedar Rapids and learned it right. While at that institution he played on the Midwestern Championship team. "Al" is a fighter and any of his opponents will assure you of this fact. He has an excellent eye for the basket and plays the floor in fine shape. His stellar playing against Notre Dame is worthy of mention. "Danny" has one rival tho, and he is Valentino. Dans "toreodor trousers" put him in the race with Rudolph.





ATHLETICS

TERRY, '24

(Center)

Here's the man "hard luck" seemed to follow around. Terry started at Armour last fall after spending his first two years at the University of Wisconsin. He played basketball with one of Madison's crack teams. As soon as practice started it was easy to see that there was excellent basketball material in Terry. Not only did he play a good floor game, but he also possessed a good eye for the basket. Just after practice started Terry was taken ill and missed about three weeks' practice. He came back to practice and just before Christmas had his nose broken while practicing. This layed him up another month but after that he played regular and made good. Terry's ever smiling face made him a friend of the entire student body.

EARL BUSCH, '26

(Guard)

Earl joined th ranks rather late in the season but immediately displayed good basketball ability. He was tried out at guard and performed well. His stick-to-it-iveness was admired by all. Earl is a freshman and with this year's experience he should have no trouble in obtaining a regular berth on the Varsity for his remaining three years.

LEE, '26

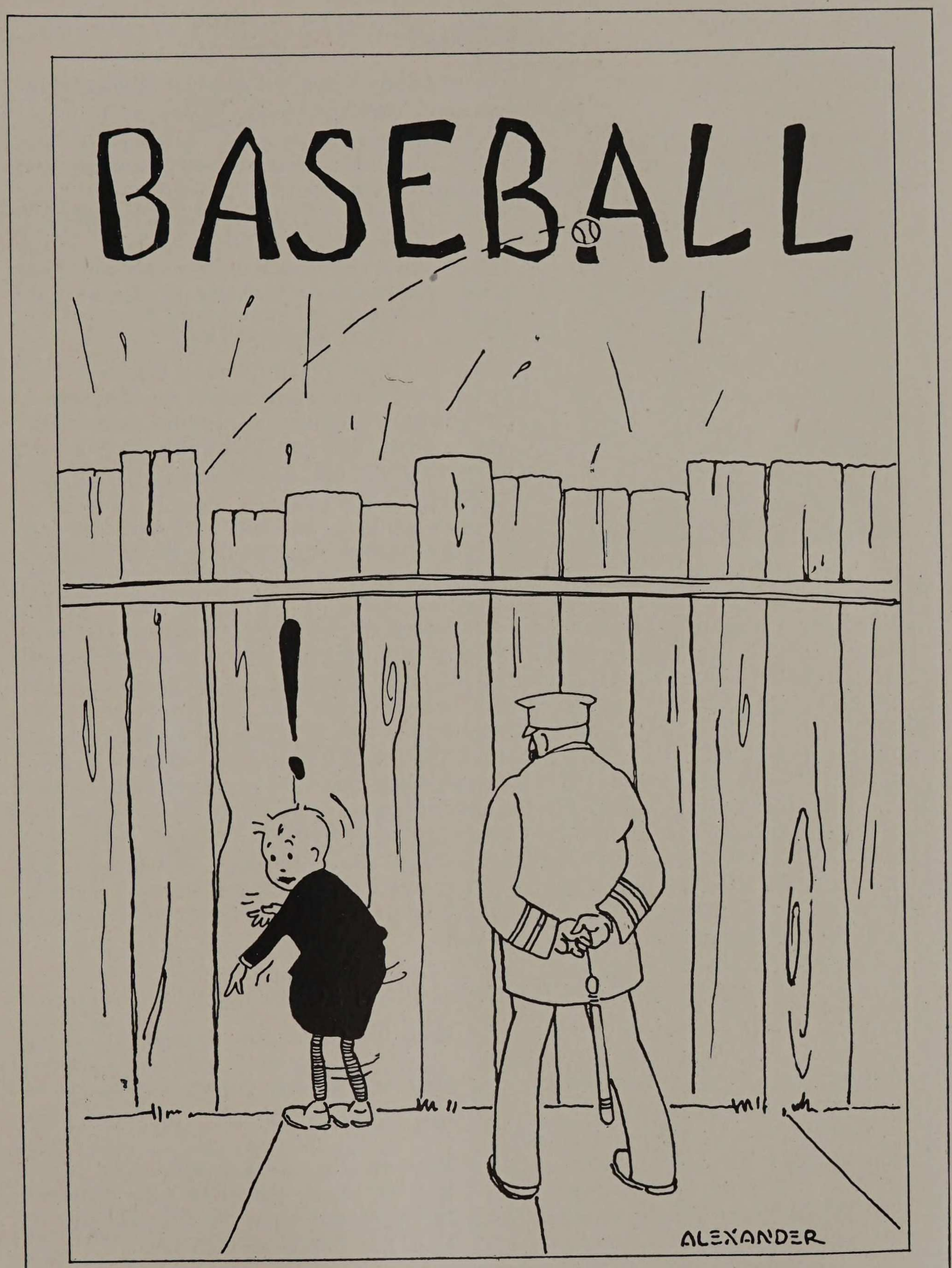
(Guard)

Another player was seen upon the floor this year in the form of Lee. Lee had not had much basketball experience before coming to Armour, but he was anxious to learn the game and came through with the goods after a little coaching from the men who had had more experience. He will be back again and will be a man to be reckoned with in picking the team next season.

COFFEY, '26

(Utility)

Coffey made a great utility man because he was at home in any position on the floor. He could play all positions equally well. Coffey has basketball ability and with a little more experience, he will have no trouble in making a name for himself on the basketball floor.


BASEBALL
ALEXANDER

Baseball



Coach Walsh

Armour opened its 1922 baseball season with the American College of Physical Education and closed its season with Purdue University. During that intermission the squad participated in about fourteen or fifteen games. After losing our opening game to American College due to stage fright, we went on a western tour and beat on successive days DeKalb, Columbia College at Dubuque, and Des Moines University at Des Moines. The team played great ball during this trip and things looked as if the 1921 season would be duplicated. Somehow or other events did not materialize as forecasted, and Gilbertson would invariably get his customary sore arm and "Andy" his wild streak. Luckily this trouble did not last long and we finally set our sails aright and began to play like ourselves. The men as a whole played well, but the breaks seemed to be against us. Walsh gained the admiration of the whole team and entire student body in the way that he piloted the team. Lee has again signed up to pilot the 1923 team and all indications are that Armour will have the best baseball team in the field this year that they have ever had. There are a few men back from the 1922 team for the 1923 squad. Whether they will be retained is hard to say at present, but all indications are that they will. Louis C. Thoelecke was appointed manager of the 1923 baseball team and he has been quite busy arranging for a big schedule for the coming year. Although at this time the schedule is incomplete, many big colleges and universities are being tentatively booked. Among these are such institutions as the University of Chicago, the University of Wisconsin, Northwestern University, Toledo, Bradley Polytech, Augustana, and many others. All indications are that Armour will surpass the form she showed in 1921.

THE 1922 BASEBALL SEASON SCHEDULE

April 7—American College at Armour
April 12—Concordia College at Armour
April 17—Wisconsin at Armour
April 19—DeKalb at DeKalb
April 20—Columbia College at Dubuque
April 21—Des Moines University at Des Moines
April 28—Michigan Aggies at Armour
May 4—Bradley Polytech at Armour
May 5—Columbia College at Armour
May 10—Concordia College at River Forest
May 11—Bradley Polytech at Peoria
May 15—Des Moines University at Armour
May 21—St. Vitors at Kankakee
May 23—Lake Forest at Lake Forest
May 24—Kalamazoo at Kalamazoo
May 27—Purdue at Armour

ATHLETICS

GERHARD N. SCHUMACHER, '23
(Captain and Third Base)

Schumacher again graced our diamond for his third consecutive year with the team. "Garry" played as he always plays—consistent, reliable in holding down the hot corner, and a hitting fool. "Shoes" strong point was placing the ball down between first and second on the hit and run play. "Garry" as a saptain was hard to beat, and was the personification of fight. "Never say quit," was his motto, and he displayed it by the way he would play when a game looked like it was going to our opponents.

WILLIAM F. DESMOND, '24
(Captain-elect and Right Field)

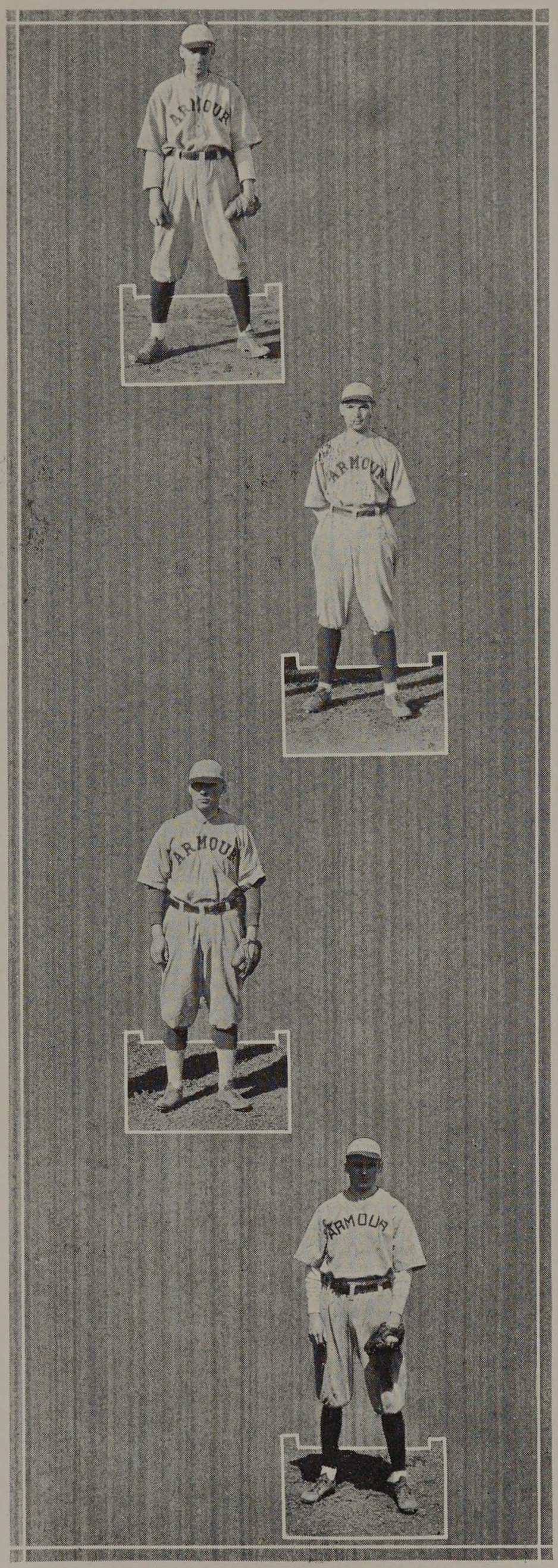
The boys used keen judgment in electing Desmond to pilot the 1923 team. Here you have a fielder who can field, a hitter who can hit, and best of all a man who can think one move ahead of his opponent. His accurate peg from field to home made him much feared by stealing base-runners. "Des" has one weakness, however, and that is Prof. Moreton. We extend to Desmond our most hearty wishes for the best baseball season Armour has ever experienced.

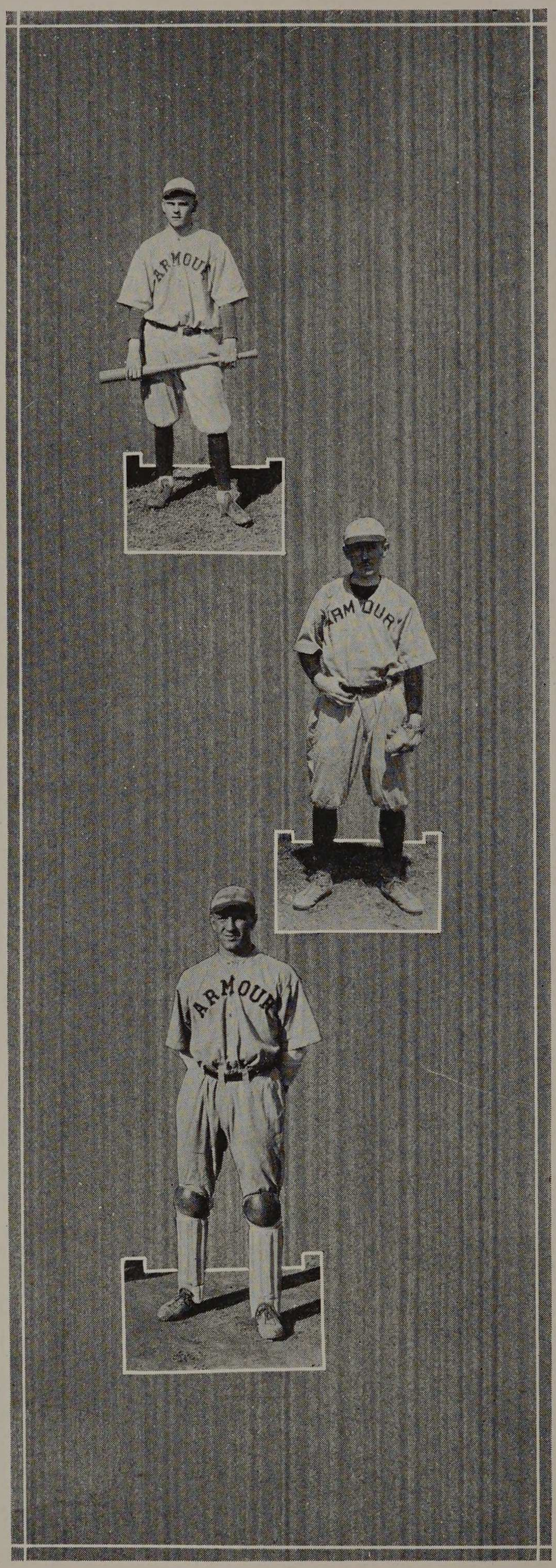
GORDON A. GILBERTSON, '22
(Pitcher)

Here we have another old Armour veteran. "Gil" has just finished his third successive year of baseball with the "Tech." He was, indeed, our iron man and was responsible more than once for the team coming through with flying colors. We have just heard that "Gil" is a fond father and want to extend our sincere congratulations.

WILLIAM A. O'BRIEN, '23
(Center Field)

Here you have the boy that wins games by smiles. "Bill's" smiling face more than once instilled a new spirit in the team during times when the dark cloud was upon them, and by this new spirit many a defeat was turned into victory. The manner in which he covered center field gave no little trouble to opponent hiters. With "Bill" in the field the only safe place for a ball to go was on top of the Mission. We are all glad that "Bill" will again wear an Armour suit.





ATHLETICS

LAWRENCE E. BURKE, '25

(Left Fielder)

Burke in the field was just like building a high wall around the diamond—nothing could get by him. Burke played left field and on one occasion, ran, climbed a fence, and pulled down a hot fly which ordinarily would have been a home run. As a hitter Burke was no piker. Never did he go through a game without getting a mark in the hit column. Last year was his first at Armour and we are glad to know that he has three more with us. Some day we'll see Burke in the big leagues.

JOHN W. McCAFFERY, '22

(Short Stop)

McCaffery was the life of the team. He, to the team, was like a court jester to the king. In the most serious conditions "Mac" found the greatest cause for mirth. His great sense of humor seemed to instill in him a keen spirit of sportsmanship. In spite of all this, he played baseball like a professional. The hottest liners were as easy as flys for him and his eye at the bat was always reliable. Our one regret is that we won't see "Mac" in an Armour suit this spring due to his having graduated last year.

CHARLES J. PLOCAR, '25

(Catcher)

"Chuck" played his first year of baseball with Armour and boy! he sure played some game of ball. "Chuck" was the life of the team behind the plate. On every infield play "Chuck" was down to first almost as fast as the runner. Many an opponent hitter he would talk into striking out. Due to injuries he received while playing football last fall, he will not be seen in an Armour suit during the first of the season, but we hope that later his sunny face will again be seen behind the plate.

ATHLETICS

RUDOLPH C. LAATSCH, '24
(Pitcher)

Here we have the third of the big three Armour hurlers. "Lefty" surely could toss a wicked sphere. Along with good control he had an excess of steam and it was all that the catcher could do to hold him. "Lefty" was our only southpaw and his delivery was one that would keep any hitter guessing. With the experience that he had last year, he will certainly be a valuable man for this year's team. Laatsch is one of those quiet, unassuming fellows who never speaks for himself, but in the words of the prophets, "By their works ye shall know them."

EARL R. GEIGER, '25
(Short Stop)

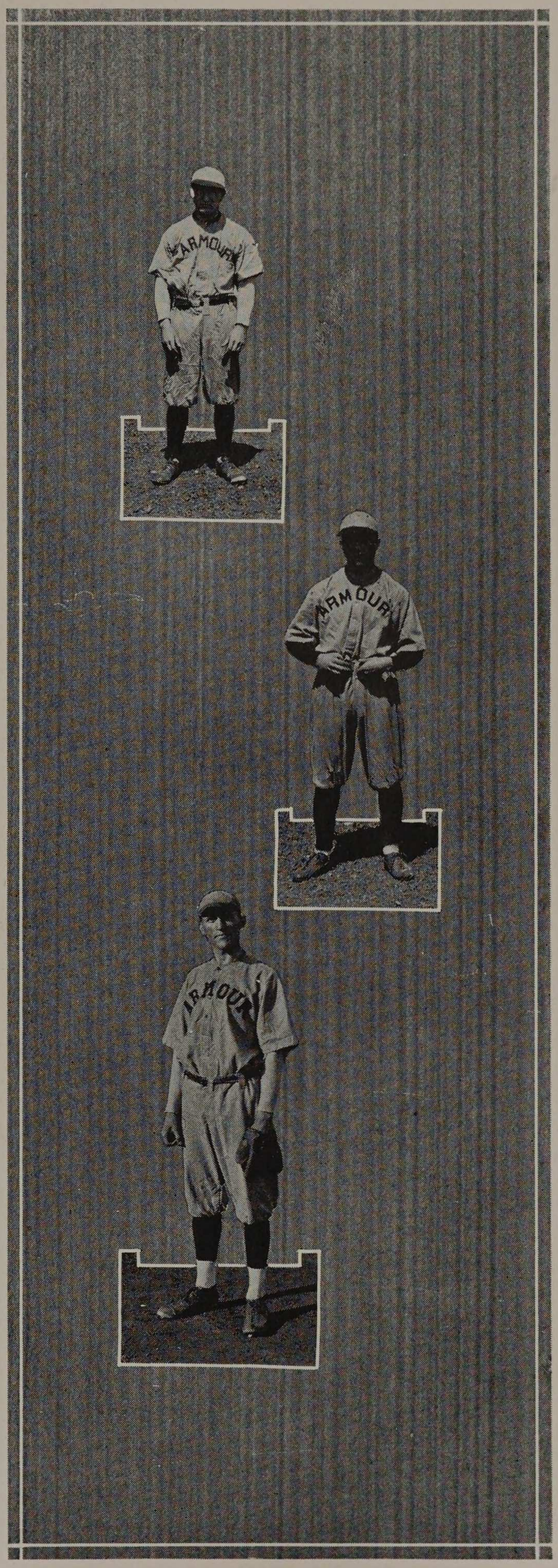
A new face appeared on the diamond last year in the form of Geiger. Although he was only a freshman, he displayed real varsity caliber. Geiger handled himself excellently and was an exceptionally good hitter. In the field he was no "slouch" either. Due to the excess of infield men last year, Geiger did not get in as often as we would liked to have seen him, but this year he will have to be reckoned with in picking the varsity team. Geiger has three more years with us.

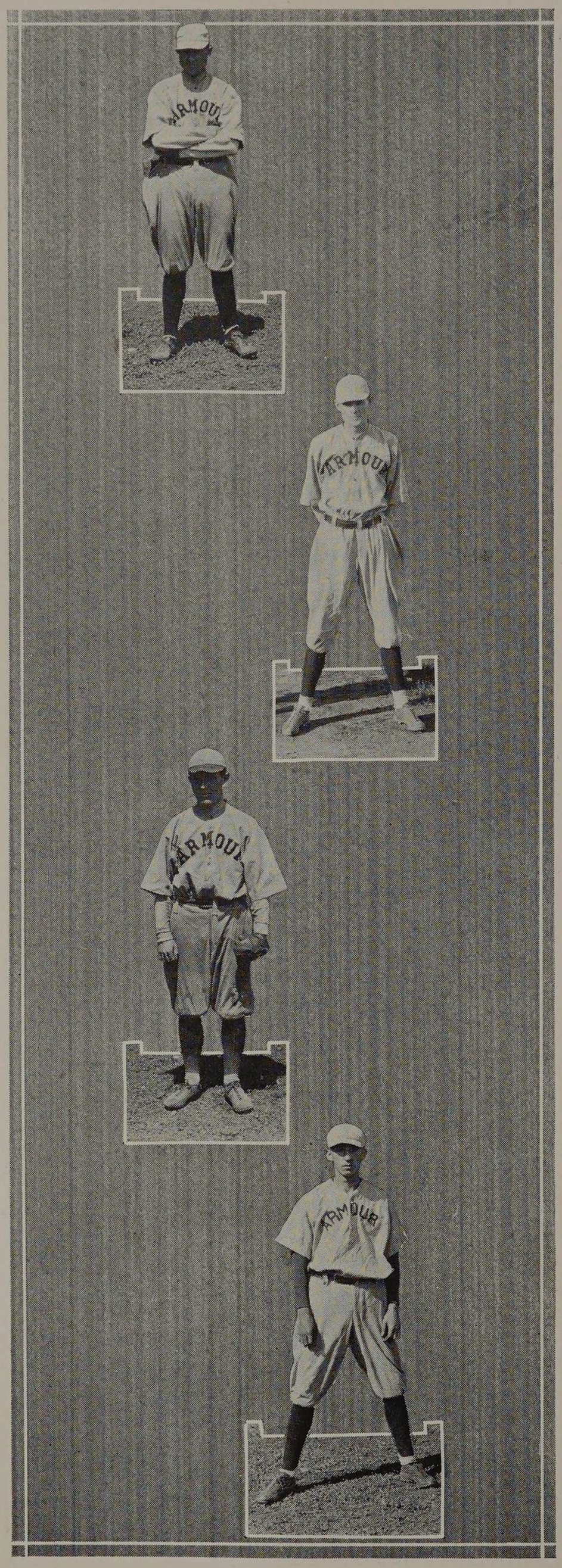
CHESTER R. ANDRZELCZYK, '24
(Pitcher)

Perhaps there has never been any athlete at A. I. T. who has given the scribes more trouble in pronouncing and writing a name than has "Andy." During the freshman year he gained the recognition of the school as pitcher by pitching a no-hit no-run game. This year he trimmed Dubuque single handed. At all times "Andy" could be relied upon to pull the team out of a hole, and the best part of all is that we will again see "Andy" wearing an Armour suit. We find that "Andy" shaves inversely as he wins games, so here's wishing that he finishes next season with a Van Dyke!

MILTON H. WESTERBERG, '25
(Catcher)

"Milt's" chief job last year was that of warming up our pitchers. When he wasn't doing this, he was acting in the capacity of a pinch hitter and invariably came through. He and "Chuck" Plocar were the "lord high potentates" of the catching department and both did their work excellently.





ATHLETICS

REINHOLD RUWALDT, '23
(Short Stop)

Last year was Ruwaldt's first year on the Varsity team. One day Coach Walsh was speaking with Ruwaldt and found out that he played ball on his home town team. A few days later we saw Ruwaldt in an Armour suit and since that day he has made good. Ruwaldt has the distinction of being the only Armour man to get a hit off the marvel Kalamazoo pitcher while at that town. Ruwaldt will be with us again this year and we surely expect to see him do marvels.

J. LEO WALSH, '23
(Coach and First Base)

Walsh as usual played brilliantly at the initial sack. He was always reliable in a pinch and contributed the greater part of the brains of the team. "Lee" is one of the best fielding and hitting first-base men ever seen on a college baseball diamond. Walsh, although playing wonderful ball all season, reached the height of his form at the end of our season. In the last game of the year with Purdue, "Lee" poled two over the center field fence for home runs. We are indeed glad to hear that Walsh has again signed up to coach the 1923 baseball team and we look forward to what will probably be Armour's greatest baseball season.

THOMAS J. ROWE, '22
(Second Base)

"Tommy" had the distinction of being the smallest ball player that ever was seen upon the Armour diamond. He also had the distinction of being one of the best players at the keystone sack that Armour has seen in many a year. All his admirers will be keenly disappointed not to see him at second again. If "Tommy" makes as good a showing at engineering as he did at baseball, he will, indeed, be a success.

JOHN L. RUZICH, '25
(Utility)

Ruzich is another new man on the baseball squad. He was always dependable and could play most any position on the field with ease. On the bases he was as fast as a rabbit. We are glad to know that he will be in school this year and we look forward to again seeing him on the diamond. Look out for Ruzich, boys, he's coming through!

TRACK



LYNCH

Track

By Coach HAROLD R. PHALEN



Coach Phalen

Track at Armour has been dormant for several years. To make a new start is not easy. A whole college generation must be educated regarding what to do and how to do it and that is more than the task of a single year. Armour will not turn out a track team this year that will do anything remarkable. The material is not at present available, nor are the facilities adequate, but that is no reason why the coach and the team should lack the support and encouragement of the student body. Loyalty built only upon victory is useless. No school can claim a loyal spirit until it can show consistent support behind a losing team. That is the first lesson in the education of the present student body.

There is material sufficient to make a very respectable start and no effort will be spared to get the best possible results. Indoor training is almost prohibited by lack of facilities. As a makeshift, arrangements have been completed whereby those who desire to keep in trim could have access to Bartlett gymnasium at the University of Chicago. Even so, it requires considerable time and energy to travel to and fro, and in the opinion of the coach the six or eight men who have consistently made the effort after a full day in the classroom deserve all honor and commendation. From this number it is hoped that a relay team may be developed which will be worthy to send to some of the indoor meets this spring.

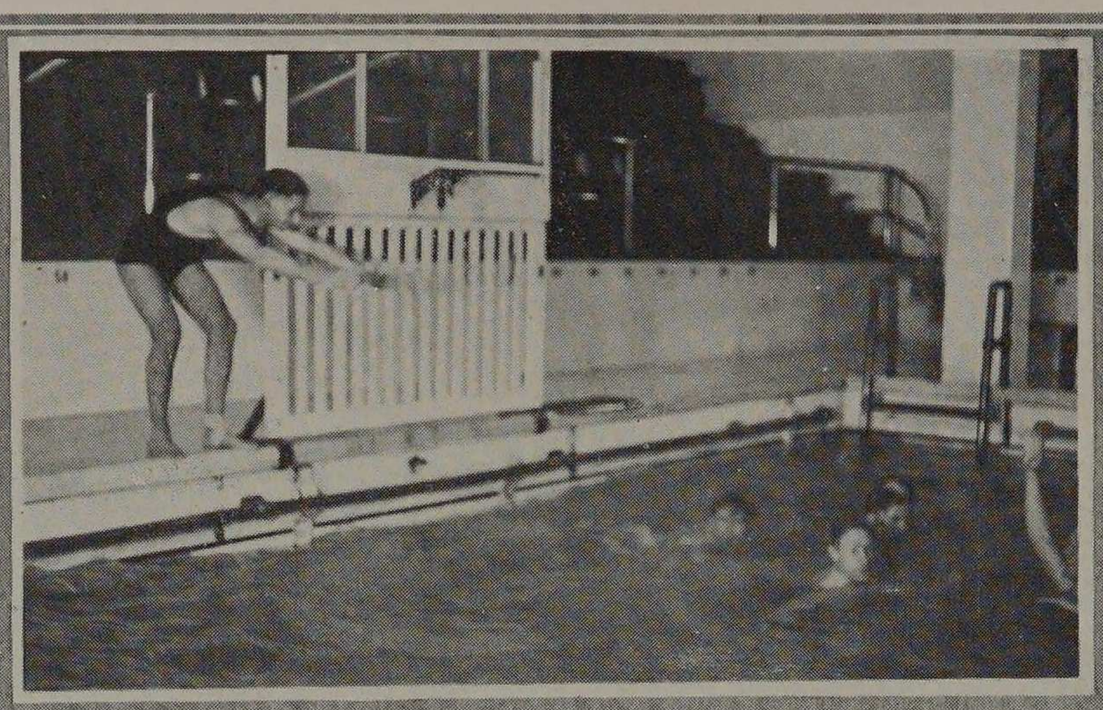
Unfortunately Spaid has found it necessary to drop training. He showed signs of being able to negotiate the quarter mile in good time, and, with his experience, would have made a nucleus upon which to build. In Hoff, Heller, Blair, Davis, Olson, and Dixon there appears to be material, which, although as yet untrained, contains possibilities. These men have been faithful in attendance, are willing to work, and show ability to improve with training. As yet no attempt has been made to put them to a serious and exhaustive test, but in the near future a succession of time trials will determine whether a relay team is a possibility. To enter the contest of secondary Illinois colleges, the four runners should average from fifty-three to fifty-four seconds for the quarter mile.

Except in one or two isolated cases, the field events are at a standstill and will remain so until the beginning of the fall season. At that time Director Schommer will join the coaching staff in the effort to develop the best possible aggregation commensurable with the conditions and material available.

ATHLETICS

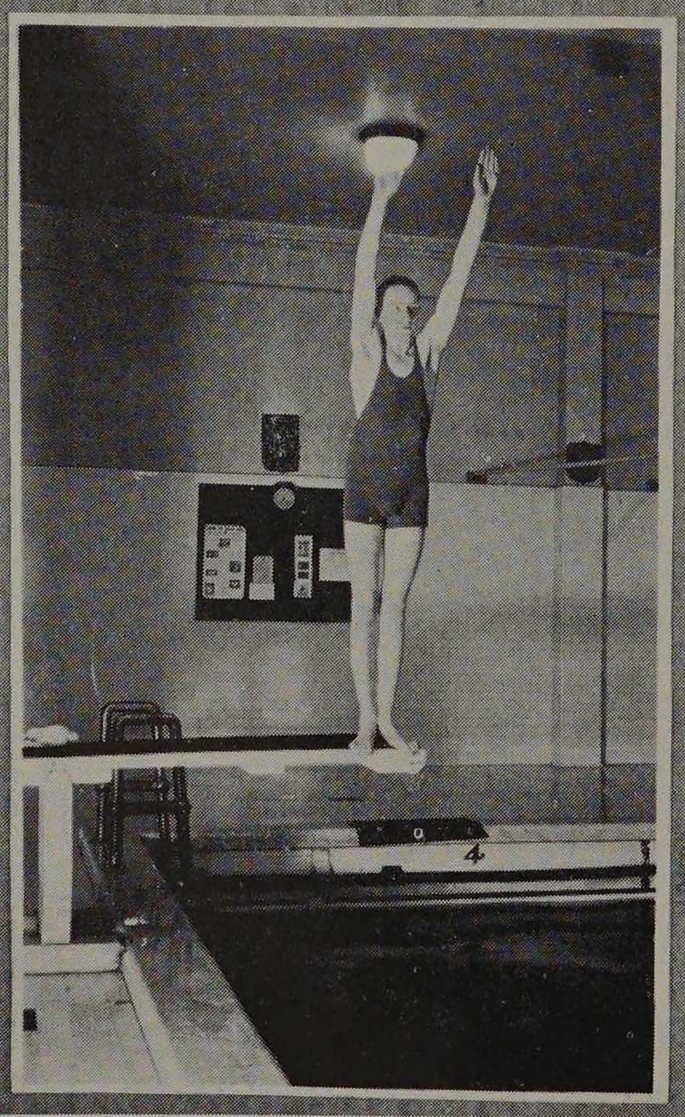


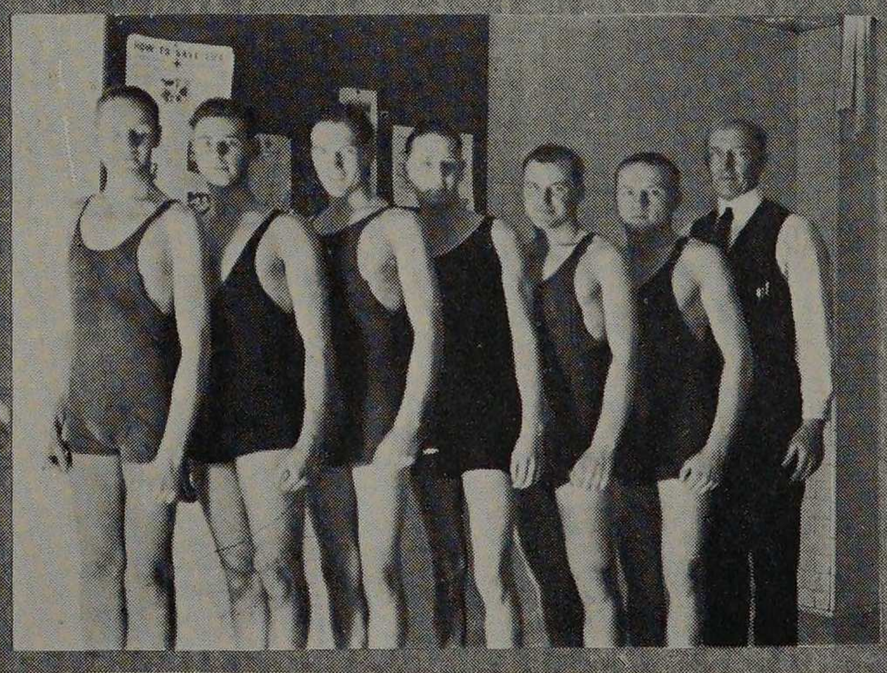
Huff, Coach Phalen, Heller.
Blair, Owens, Robinson, Dixon.



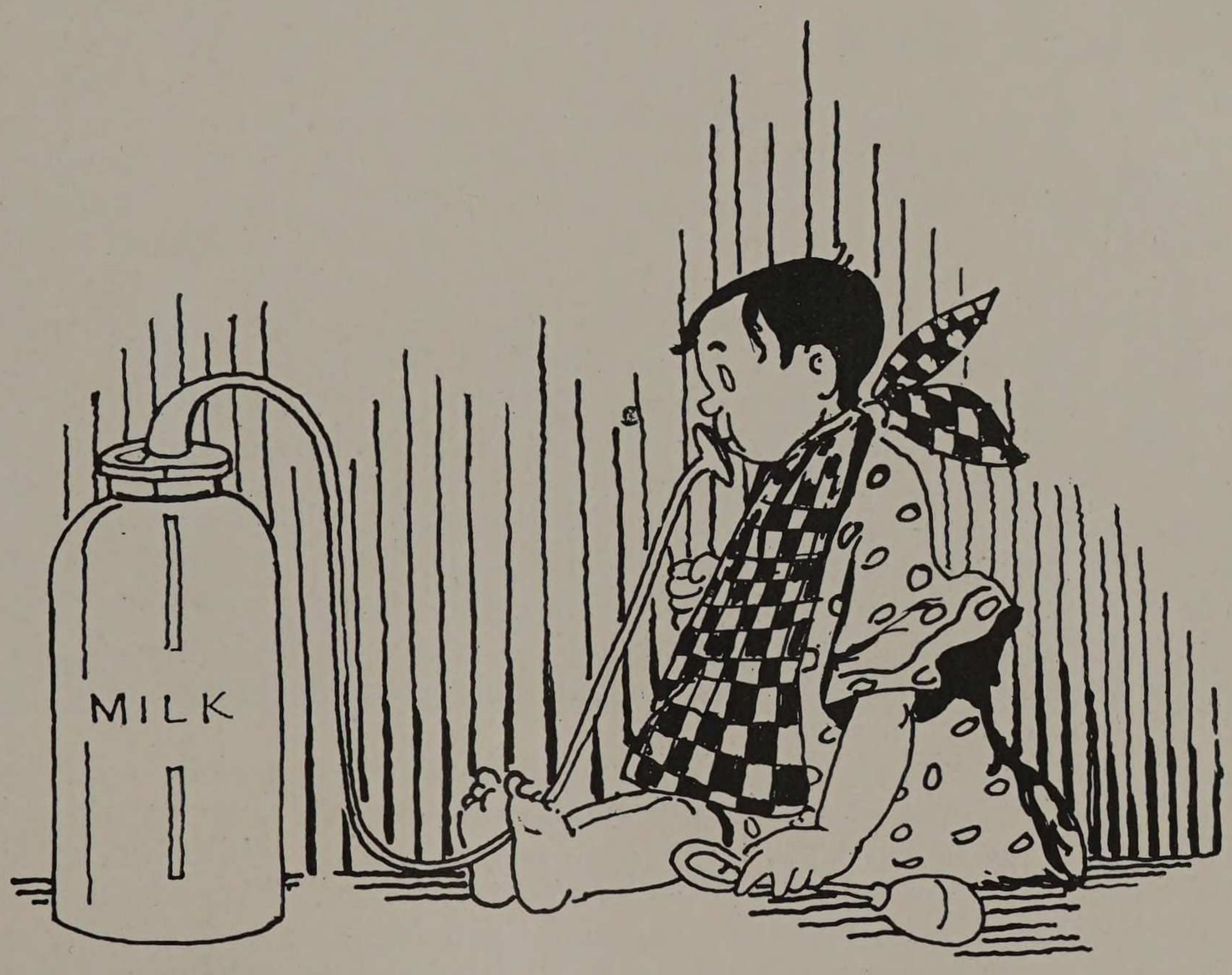

HOW TO SAVE LIFE





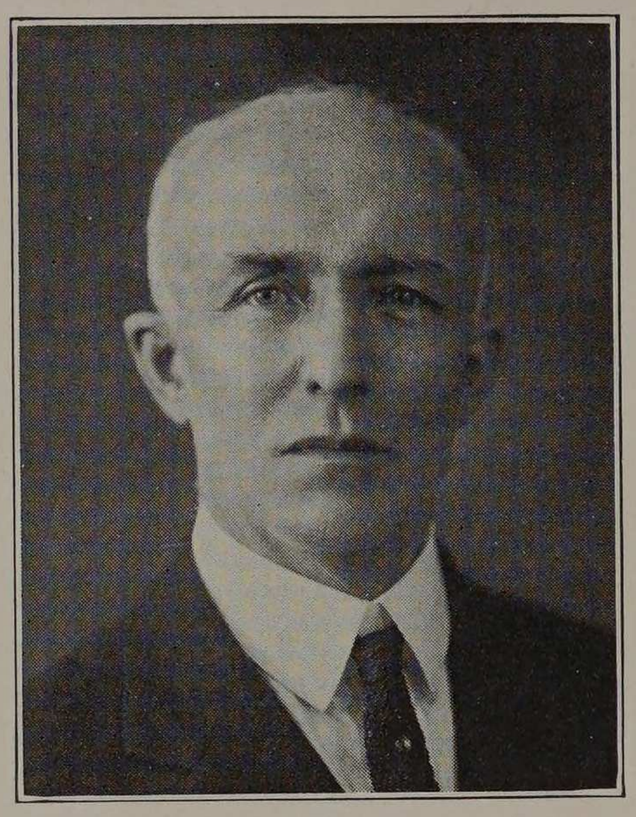

HOW TO SAVE LIFE

MINOR SPORTS



ALEXANDER

Swimming



Coach White

Before the present year, swimming at Armour had never been seriously considered because of the fact that the school had no tank and that there was none available nearby. This year, due to the influence of Director Schommer, we were able to secure the use of the natatorium of the University of Chicago as well as the services of J. H. White, who is well known as one of the best swimming coaches in the Big Ten Conference.

Early in November a call for candidates for a varsity team was issued and over thirty men responded. Included among them were men who had swum for the I. A. C., the C. A. A., Sinai Center, and various high schools. At the meeting, the prospects for a team were discussed and arrangements were made to use the natatorium of the University of Chicago. A date for a tryout was set and then the meeting adjourned. At the tryout several days later the men demonstrated their ability to such an extent that Coach White was much elated and quite enthusiastic over the prospects. Since then practice has been held regularly on Mondays, Wednesdays, and Fridays. The fact that the men had to practice after five o'clock and make the disagreeable trip from Armour to the University speaks well for their spirit and loyalty and, as commented by "Doc" White, they should round into a fighting aggregation.

As matters progressed, it soon became necessary to select a captain and manager. One night at practice, Coach White called the men out of the tank and made a short talk on the qualifications necessary for these offices. Because of his ability and the great interest that he had taken in the development of a team, Howard E. Wetzel, '24, was unanimously elected captain and L. O. Gorder, '26, was elected manager.

Under the direction of Coach White, the men's best strokes were determined and then the task of perfecting them was started. Among the crawl strokers are such men as Joseph, Brinkman, and Bockman, while Jarvis, Blaufuss, and Busch are showing up well as breast stroke men. There is at present a scarcity of fancy divers, but Lee, Sargeant, and Meyer are displaying good form and with a little more practice should develop into exceptional divers. Pareira seems to head the list of the plungers and is in a class by himself. Capt. Wetzel and Gorder are the nucleus of the distance men.

From the results shown thus far, Armour should become a feared contender among the college tank men. Judging from the number of candidates and the enthusiasm and perseverance they show, there will be keen rivalry for places on the team. There is little doubt in the minds of Coach White

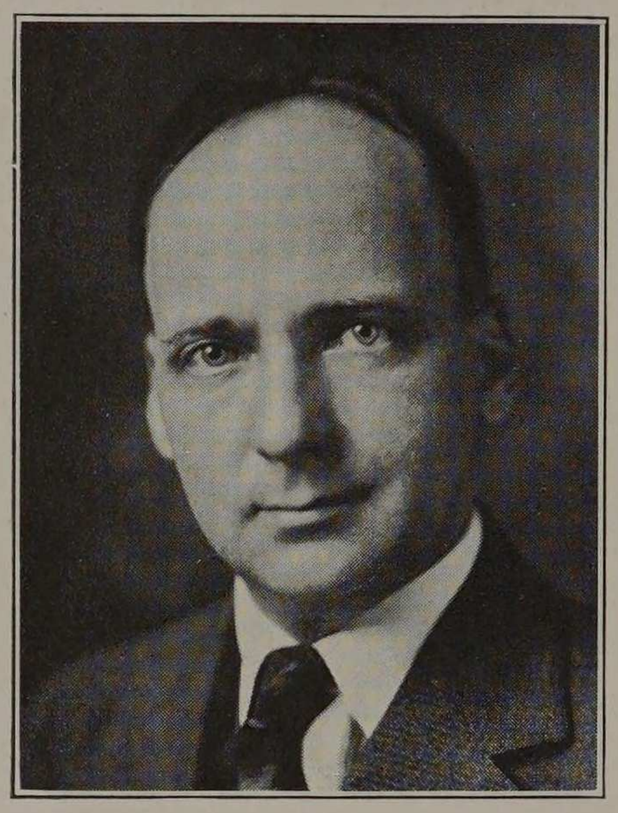


Lynch, Misura, Sargent, Joseph, Jaros, Gorder, Joseph.
Armit, Busch, Wetzel, Marhofer, Voita.

and Captain Wetzel that, if the men keep on improving at the rate they are going, many records will be lowered by Armour men. The team looks forward to competition with the University of Chicago, with whom they have been practicing, as well as with many other colleges. The swimming schedule for next year has not been arranged, yet it is hoped that it will include many of the large and representative schools.

Tennis

By Coach CHARLES A. TIBBALS



Coach Tibbals

There has always been interest and some activity in tennis at Armour. The records show that there was active agitation toward the acquisition of courts on the campus twenty years ago. In spite of the lack of facilities at or near the Institute, nearly every year for the last fifteen has seen at least an attempted tournament managed by enthusiasts, self-appointed and without leadership, and supported by those most interested among the student body and the faculty. Prizes were furnished, in some cases from entry fees and in others by the Institute, and annual Institute championships were determined. Matches were played whenever and wherever arrangements between opponents could be made and frequently spring tournaments were finished in the following spring. Entry lists of a dozen students and faculty were considered excellent. Defaults were numerous on account of the obvious difficulties, but in spite of everything, the sport was kept alive.

When the awakening and reorganization of athletics and other student activities at Armour came about in 1921, tennis naturally became an important factor in the program. A coach from the ranks of the faculty was appointed to supply the necessary leadership and upon the recommendation of the Athletic Director, the Coach, and the Armour Tech Athletic Association, the Board of Athletic Control voted to build and equip four first class courts on the Institute property as soon as the ground could be worked in the spring of 1923.

A meeting of tennis enthusiasts was called. J. F. Lucas, '23, was appointed acting manager of the tennis team, and a call for entries for a tournament to determine the Institute championship was issued. Forty-eight entered the tournament. Matches, arranged by the opponents as to time and place, were played off on scheduled time. Semi-finals and finals were played on the courts of the Winnetka Tennis Club on a raw November day under the most adverse conditions of courts and weather, but with a keen spirit and a high order of sportsmanship. The semi-finalists were Schumacher, '23; Springer, '25; Fuentes, '25; and White, '25. Schumacher and Fuentes won their matches and met in the finals, Schumacher winning in straight sets after a splendid fight. Champion and runner-up received handsome cups given by the Board of Athletic Control. The tournament was particularly gratifying in that the entry list was large, all matches were played off on schedule time, weather permitting, and there were practically no defaulted matches, all in spite of the real difficulties presented by the lack of courts at the Institute.



Miessler, Springer, Farrell, Dixon, Lucas.
Bain, Volberding, Schumacher, Taylor.

A meeting was held after the close of the tournament at which the prizes were awarded. Lucas was elected manager of the team and plans for the spring campaign were discussed.

At the time this is written, efforts are being made with some hope of success to secure an indoor court for practice during late fall, winter, and early spring. A squad is being formed from which a team will be selected to represent Armour in intercollegiate competition matches which will be arranged with two or more colleges. Home and home matches have already been tentatively arranged with the University of Chicago, and if performance warrants it, a team will be entered in the Conference championships. Schumacher will serve as acting captain until the team has been picked, when it will elect its captain from its members.

It is anticipated that the new courts will prove immensely popular with the student body and that they will be in use daily and at all hours until dark.

ARMOUR TECH FALL 1922 TENNIS TOURNAMENT

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Cohn
Lucas
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Fitzsimmons
Bain
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Bishop
Taylor
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Schreiber
White
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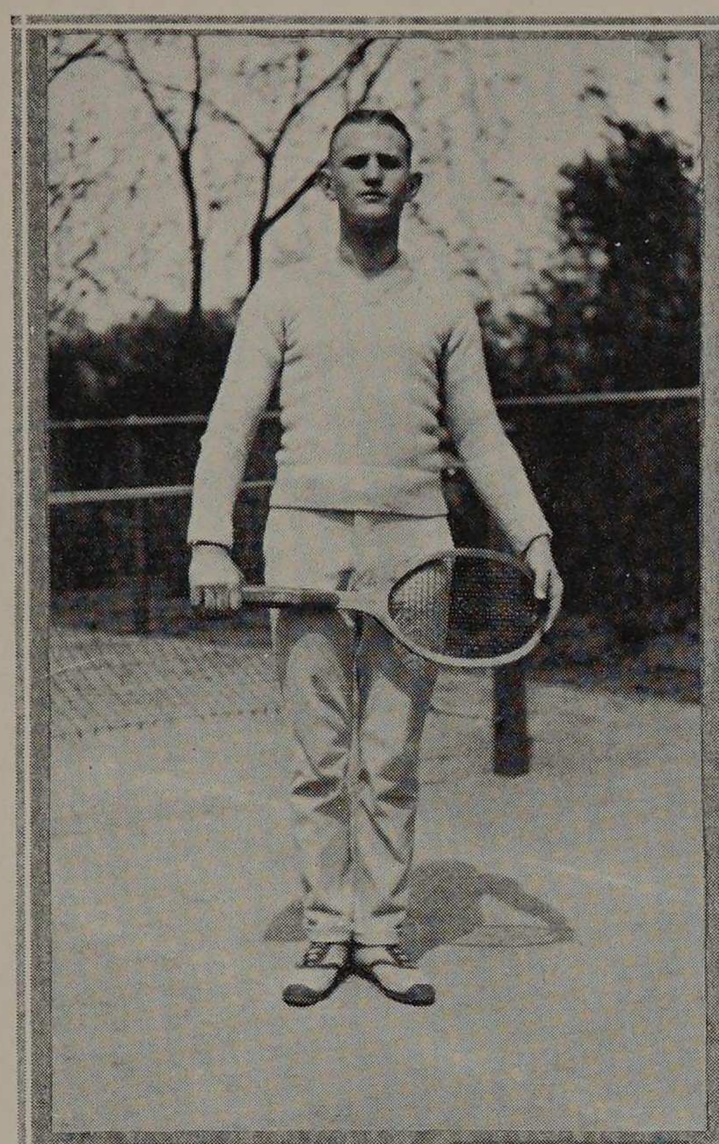
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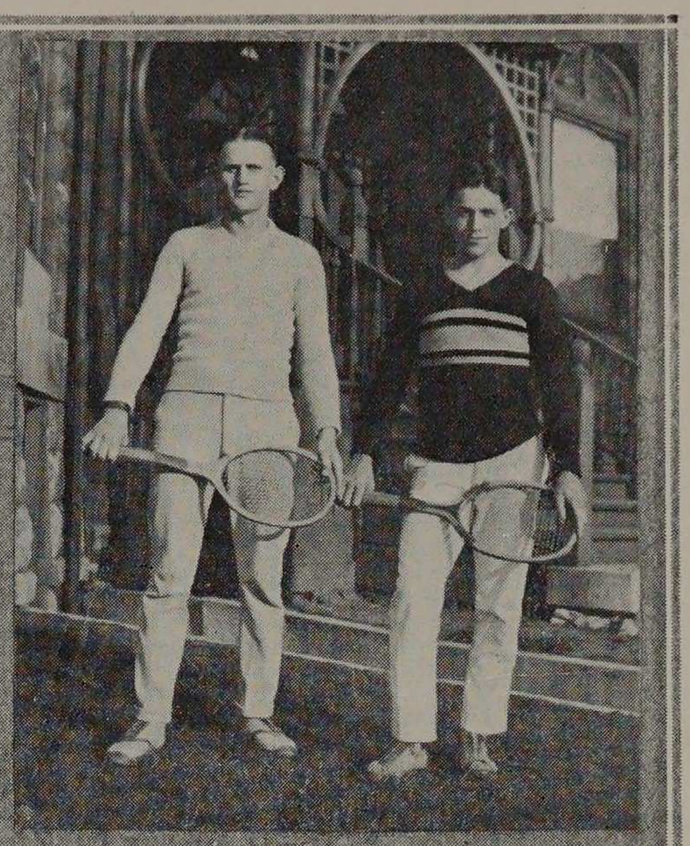
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(6-1)











Boxing

Due to the efforts of the Armour Tech Athletic Association, the manly art of boxing was established at Armour. The appearance of the sport caused much enthusiasm among the fellows and when the first meeting was called, Coach Smith was met by a score of prospective boxers. Plans for the season were discussed and then a short workout followed. Many of the boys showed great ability and all were willing to start intense practice. Practice periods were decided upon and these are Monday afternoon and Saturday morning. Due to the good training of Coach Smith and the persistent plugging of the boys much progress has been made and the fellows are showing excellent form. There are several matches that are being arranged and all indications show that our boys are going to make other schools' boxing teams sit up and take notice.



Coach Smith

At a recent meeting of the boxing class, M. Cooper, '24, was elected captain. Captain Cooper has shown more than ordinary interest and ability in this sport and has had a great deal of experience. He is a product of the University of Illinois boxing team and made quite a name for himself while at that institution.

Among the boxers, perhaps M. W. Pate stands out a little ahead of the other boys. Pate has become a persistent leather pusher. In his workouts he uses his right with terriffic force and when he learns to use his left with equal force, look out for Pate or meet a serious fate.

Wrestling

Wrestling at Armour Tech this year has taken a stellar place on the athletic curriculum. Two periods per week are devoted to this sport, one period on Monday afternoon and the other on Saturday morning. The boys have taken a keen interest in this work and since the beginning of the course, Coach Smith has had little difficulty in developing a team for collegiate competition. The team is especially eager and prepared to compete with any school in Chicago. Before this season is over the team will very likely have a home and home meet with the Y. M. C. A. College of Physical Education. The dates for these meets are not yet definitely arranged. Coach Smith and Mr. Hoffer, director of athletics of the Y. M. C. A. College, will have this matter settled in the near future.

Coach Joe Smith's predictions for the coming year are very optimistic, and he believes that next year's wrestling team will be prepared to meet any of the Big Ten Universities.



Stangle, Molby, Anderson, McLaren, Groescheck, Janak.
McHenry, Arentz, Nissley, Day, Goldstein, Chambers.
Geymer, Cooper, Coach Smith, Lindeberg, Hedges.

The following men are prospective candidates to represent Armour in competition against the Y. M. C. A. College of Physical Education: M. R. Chambers, 115 lb. class; J. Stange, 125 lb. class; J. Janak, 135 lb. class; H. R. Nissley, 145 lb. class; M. Cooper, 158 lb. class; and H. Geymer, heavyweight class. H. R. Nissley was elected captain of the wrestling team.

Golf

By Coach CHARLES W. LEIGH



Coach Leigh

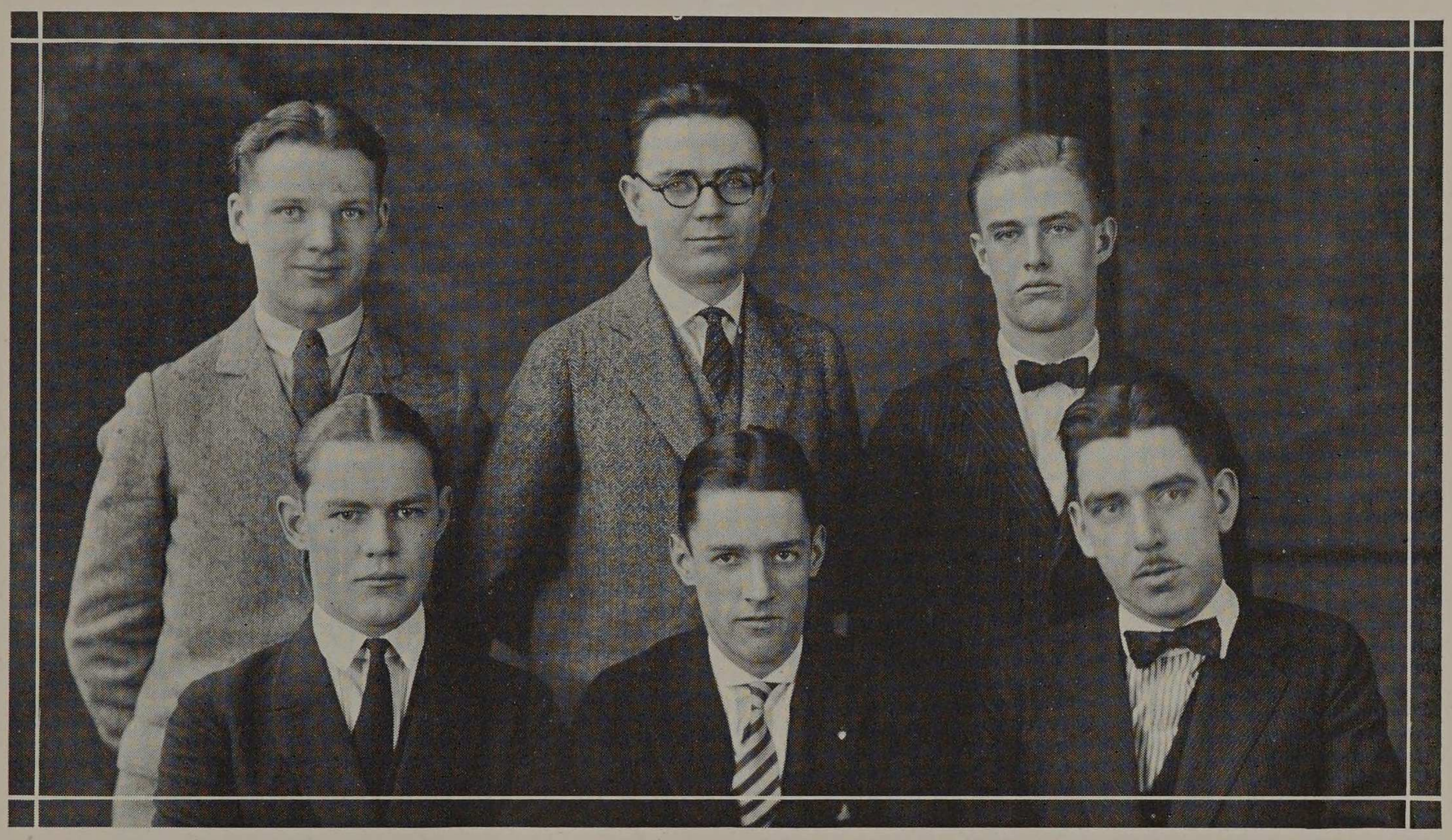
A golf tournament was held last autumn. On account of the inclement weather the play was not altogether satisfactory. The three remaining members of last year's team, Capt. Frink, Bates, and Dunlap showed their superiority by coming through to the semi-finals. The championship was finally won by Dunlap. The tournament showed Joseph and Dubsky as two very promising candidates for this year's team. It seems now that we will have a team which will give a good account of itself during the coming season.

In order that the optimistic spirit may be kept alive, winter practice has been held in the gymnasium. The walls of the building naturally stop the ball and who can tell but what the "pill" would not have traveled the desired distance had it been left alone? Just how much is to be gained by this indoor practice is uncertain. It is done in the hope that the candidates may develop better form, perfect their swing, and keep their eyes on the ball, so that when real golf weather comes, something will have been accomplished.

No announcement of the schedule can be made, as it is incomplete at this time, but we expect to meet the University of Chicago and Northwestern University for some of our matches.

A spring tournament will be held as soon as weather permits. It is hoped in this way, not only to create more interest in the game but to discover promising players for the present and future. A golf player is not made in one season. Not only must one be able to play a low score, but he must be experienced enough to keep his head in college contests that will be played by our team. Golf is not team work as in baseball or basketball, but is individual play. No game calls for more self-reliance than golf.

ATHLETICS

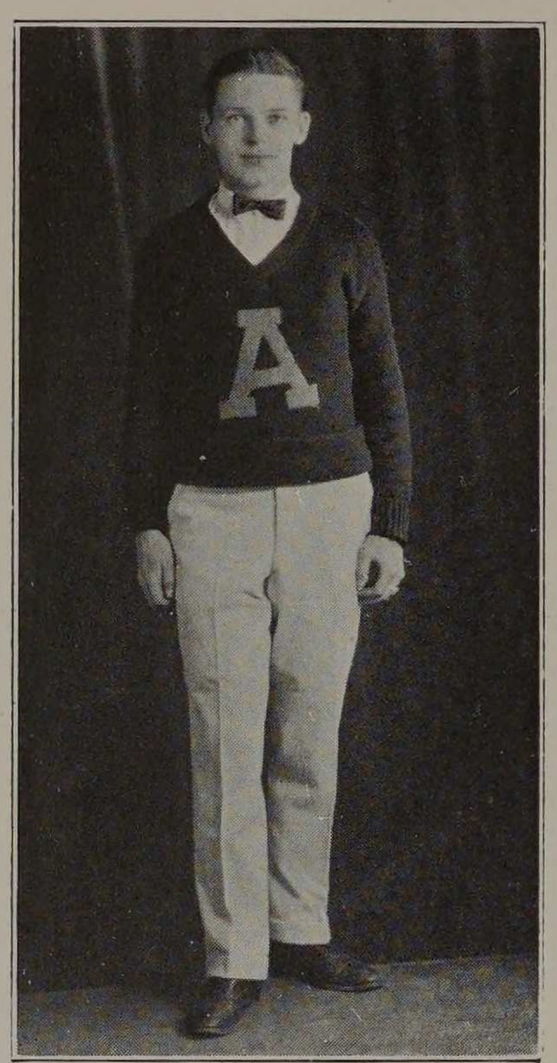


Lynch
Marhofer

McCloy
Frink

Joseph
Dunlap

Cheer Leaders



LYNCH

FIGHT SONG

Go team, play hard for dear old Armour;
We are the fighting engineers.
Raise up the black and yellow higher,
Safe for all the years.
Fight team, fight hard for dear old Armour,
Keep her honor pure.
We'll make her glory ever brighter,
Fight on and victory's sure!

—O. M. Spaid.

THE CANNON BALL

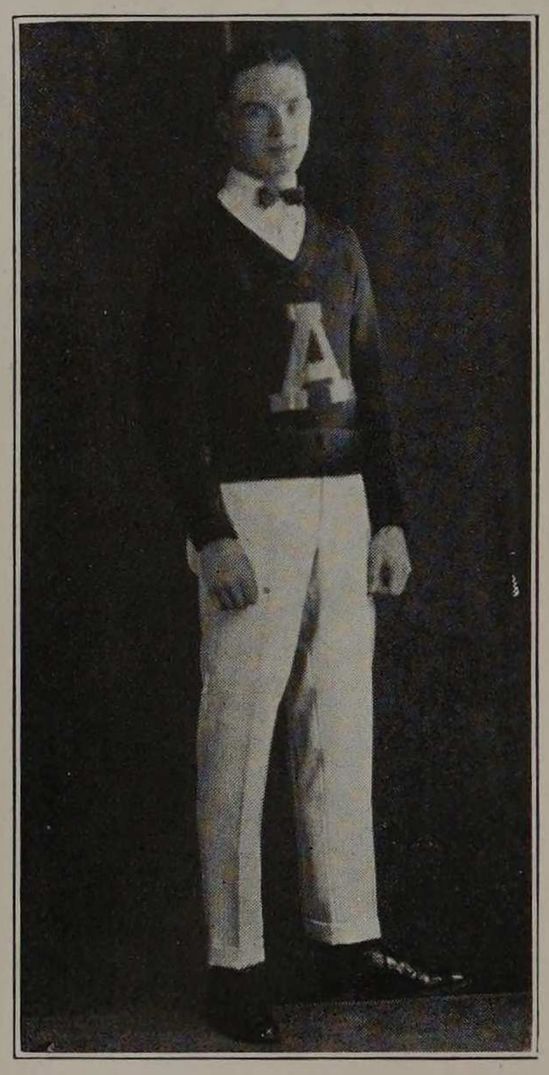
Armour! Armour! Armour! BOOM!
Tech! Tech! Tech! BOOM!
Team! Team! Team! BOOM!
Yea —a —a —a —a BOOM!

LET'S GO

Yea Team! Yea! Bo!
Play 'Em Hard! Play 'Em Smart!
All Set! Let's Go!

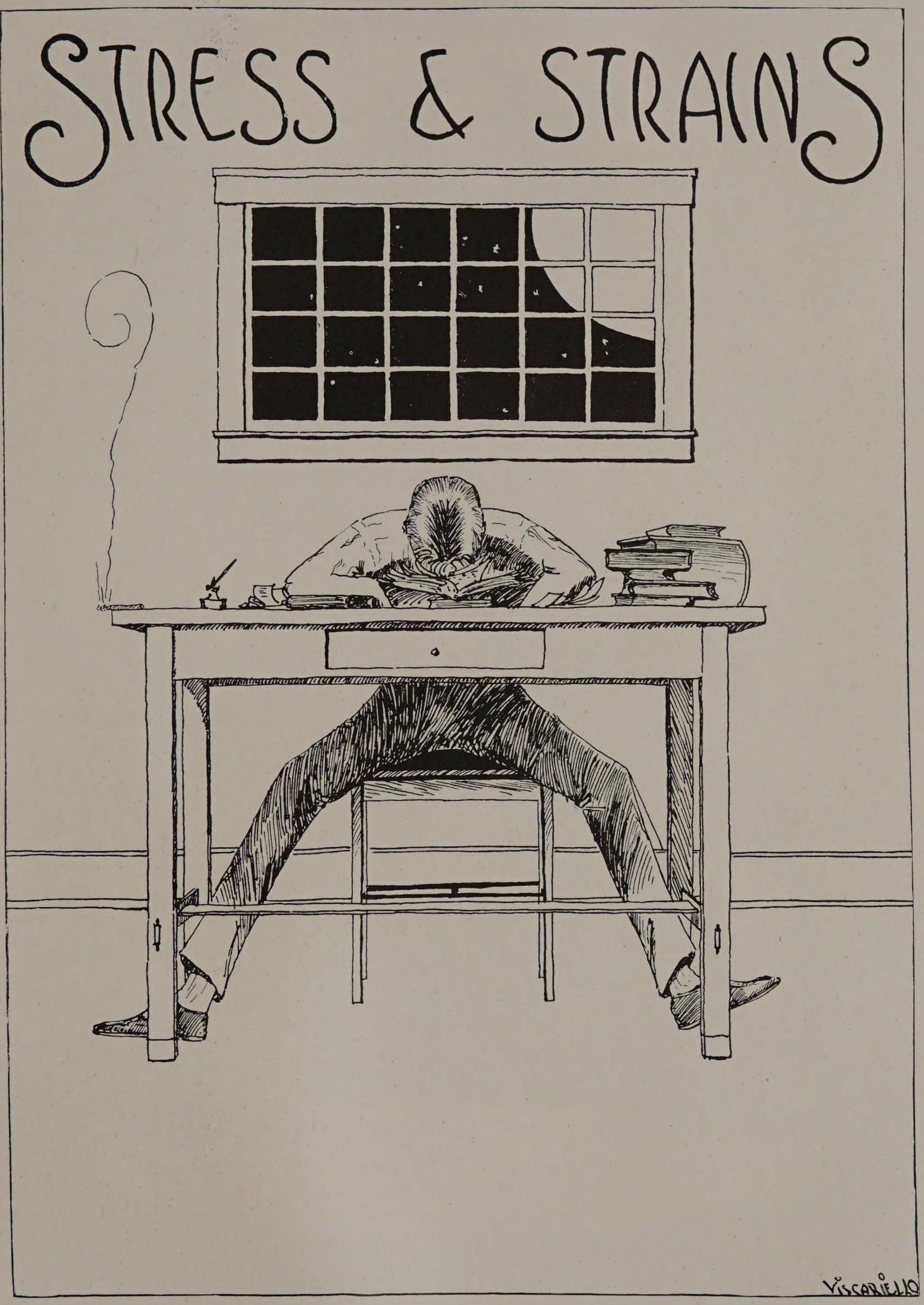
SQUADS LEFT

Squads Left! Squads Right!
Armour Hit 'Em! Armour Fight!
Ready! Aim! Fire! Boom!
Gangway! (Opponent) Give Us Room!



OWENS

STRESS & STRAINS

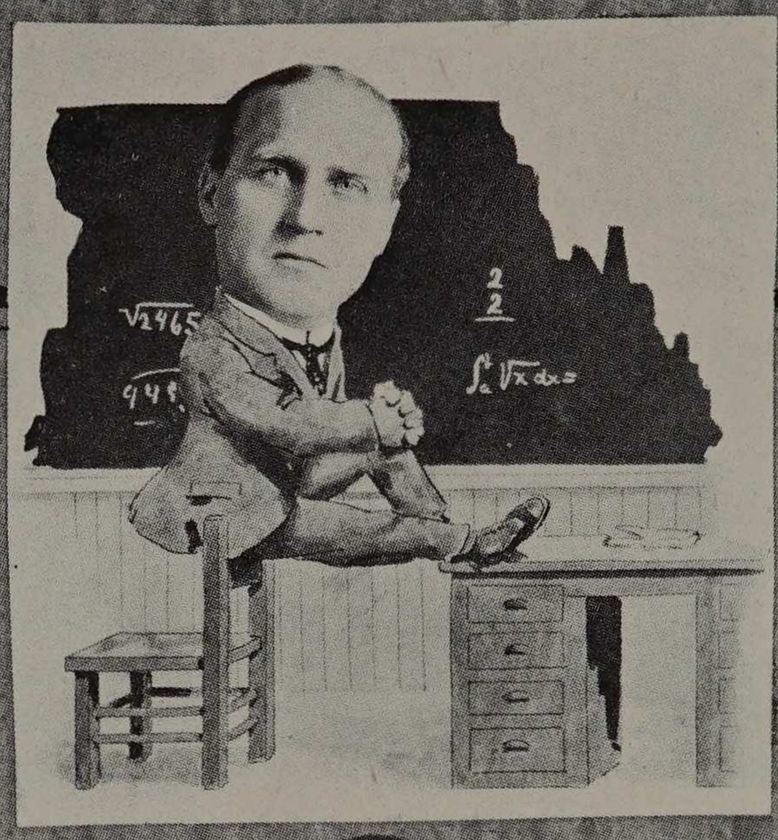


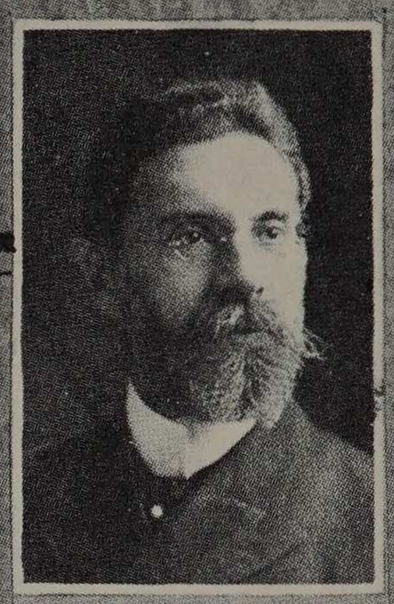
VISCARIELLO

"REMEMBER WAY BACK WHEN-?"



C.W. Leigh





PROF. MONIN.



PROF. WILCOX.



PROF. SCHERGER



PROF. RAYMOND



PROF. NACHMAN



ALFRED EARNEST DEAN

Curator of the Chemical Laboratories, Conservator of the Hydrogen Sulphide Generator, Guardian of Faculty Dignity, And Watchdog of the Chemicals



PROF. TIBBALS

EDITORS NOTE:
REPRINTS FROM THE CYCLE; PUBLISHED WHEN YOU WERE KICKING THE SLATS OUT OF THE CRADLE.

STRESSES and STRAINS

A Textbook for

WOULD-BE ENGINEERS

Containing

USELESS DATA, NOTES and ILLUSTRATIONS

Appertaining to the Use of

SO-CALLED HUMOR

In the Collegiate Struggle

at the

ARMOUR INSTITUTE OF TECHNOLOGY

Compiled by

J. H. SWEENEY

Two Hundred Thirty-seven

DEDICATION

BECAUSE: at the present time the popular indoor and outdoor sport seems to be the ridiculing of everyone and everything and because the life of a "Tech" student is made up of successive pannings by his masters and by fellow sufferers, this section is hereby dedicated to that great American fruit—

THE RAZZBERRY.

PREFACE

It is the custom in editing a book to make one's bow to the public, as it were, by writing a preface. The purpose of the volume is explained or at least some reason or excuse given for foisting it upon the market and credit (?) given to those who helped commit the deed.

This work is intended to be somewhat different from the usual kind and the procedure has therefore been altered. Rather than give an alibi we will allow Mr. Webster, well-known author of that great story "The Dictionary," to define what is intended to be the foundation of this treatise. He says:

> "Humor is that quality of the imagination which gives to ideas a fantastic turn and tends to incite laughter or mirth by ludicrous images. Humor is less poignant than wit, hence it is always agreeable. Wit directed against folly, often offends by its severity; humor makes a man ashamed of his folly, without exciting his resentment. Humor may be employed solely to raise mirth and render conversation pleasant and may contain a delicate kind of satire."

With this definition in mind this section has been compiled and is presented in the hope that it will give to the reader as much enjoyment as it did to us in forming it.

Also at this time we wish to make acknowledgment to the following sources for many of the offerings and ideas included in this section:

Mr. Claude Stiehl.
Mr. H. W. Munday.
Mr. Earl G. Benson.
"College Humor" (and all publications included therein).
"Fun Book."
The Chicago Evening Post.
The Chicago Tribune.

J. H. SWEENEY.

CHAPTER 1

THE ECONOMICS OF HUMOR

Since humor is a characteristic of human nature and since Economics is the study of human nature, we believe that humor can be classified along economic lines. Here goes:—

PRODUCTION: Satire, incongruities, puns, contortions of meaning, exaggeration, mutilated English, humorous incidents.

DISTRIBUTION: Cycle, Whiz-Bang, 'College Humor,' Police Gazette, Prof. Leigh, etc.

EXCHANGE and CONSUMPTION: After-dinner speeches, stags, sorority and fraternity houses, etc.

Williams: "So she didn't accept you when you proposed?"

Klemp: "She sure did."

Williams: "But you said she threw you down."

Klemp: "Yes, and she held me there till I gave her the ring."

About the time that you think you can make both ends meet, somebody moves the ends.

"CLOSE SHAVE"

An air-pilot took up a Scotch couple on condition that they pay him $5.00 for every time he made them shout. He performed some dizzying stunts, but not a sound came from his passengers.

As he shut off his engine on landing the pilot without turning around said, "Well, you are sports, I never tho't you'd stand it so well."

"Yes," answered the Scot, "but it nearly cost me $5.00 when my wife fell out."

CHAPTER 2

PHYSICS

$$H = \frac{V^2}{2g}$$

Two Irishmen went on a duck hunt together. Pat had never been out before and was rather green at it. Finally when a flight of ducks went by he cut loose with both barrels and by good fortune brought down two. He watched them fall and noting the force with which they struck the ground he said, "Sure an begorra I might have saved my shells. The fall would have killed thim."

The class was exasperating. There was no doubt about it. Some were openly inattentive; others floundered or gave ridiculous answers to the questions fired at them by the professor. He paced the platform with growing anger. Finally he called on a chap in the rear row.

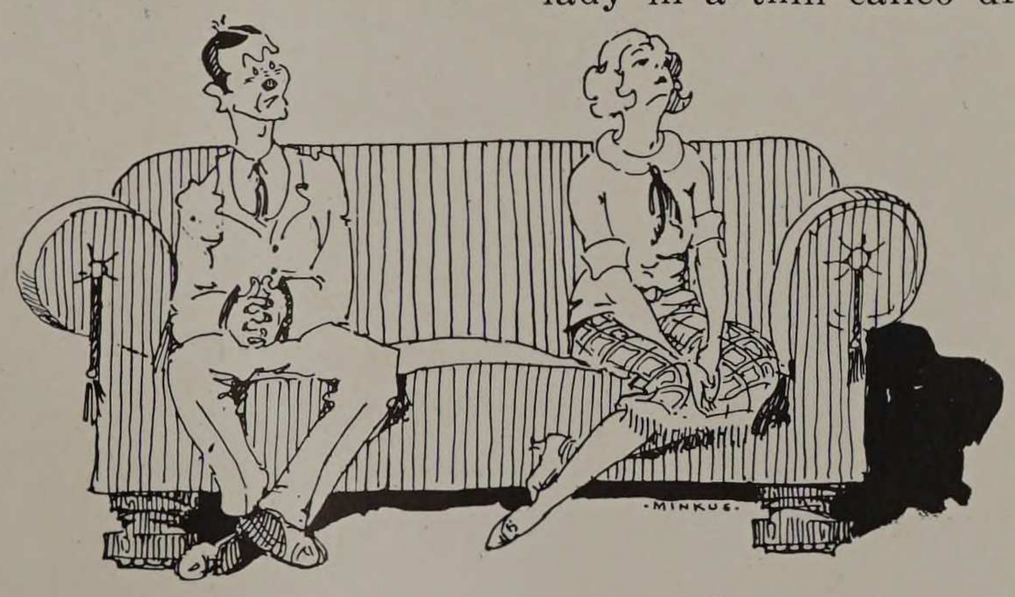
"What is absolute zero," he asked, "I don't know, professor," was the reply.

"You will when you get your marks," roared the professor.

Her Dress Was Not Suitable.

It was the first vaudeville performance the old colored lady had ever seen, and she was particularly excited over the marvelous feats of the magician. But when he covered a newspaper with a heavy flannel cloth and read the print through it, she grew a little nervous. He then doubled the cloth and again read the letter accurately.

This was more than she could stand, and rising in her seat, she said: "I'm goin' home. This ain't no place for a lady in a thin calico dress."



ROOM AND BORED

FAMOUS SAYINGS
OF THE
FACULTY CLUB GANG
(FROM LIFE)



"WHEN?"
CHORUS: "ALWAYS"



"GOOD MORNING
BROTHER"



"FACTS
GENTLEMEN
FACTS."



"BOIL FILTER
AND WASH."



"WATCH OUT
MISTER"

©
1000 - 1923 - ?
INFRINGERS WILL BE
PERSECUTED

CHAPTER 3

PHILOSOPHY

H. C. L. Again.

Judge—"So you were formerly a college professor?"

Suspect—"Yes, but for the last five years I have been earning my living."

The Millennium

Our idea of a
Fellow who has a
Drag with the Girls is
One who kisses them and then
Pushes them away saying they can't
Have any
More.

Every small boy believes in fairies. But after he grows up and marries one of them he sort of loses faith in them.

He wrote the most wonderful love letter. It began:

"My dearest, sweetest, most lovable girl:

Your radiant face is before my eyes all hours of the day and night I dream of your enchanting presence. I review with the utmost ecstasy the words you have uttered, and I phrase with equal joy the words that I should like to whisper in your shell-like ear."—etc., for eight pages.

And then it ends—"....answer and say that I may take you in my arms and pour out the cravings of my heart. Answer and say that I may utter those words which will break my heart and drain my vitality if they remain unsaid.

O lady of my dreams, my soul cries out to yours.

Your wretchedly delightful slave."

Then he signed it and said to himself, "Now who will I send it to?"

Poor Ethics.

To flirt or dance is very wrong,
I don't.
Wild youths chase women, wine and song.
I don't.
I kiss no girls, not even one.
I do not know how it is done;
You wouldn't think I have much fun,
I don't.

CHAPTER 4

CALCULUS

Q. E. D.

"Willie," said the teacher, "how many are six and four?"

"Eleven," said Willie promptly.

"No, try again."

"Twelve."

"No."

"Thirteen."

"No, no, you're guessing now. But why couldn't you have guessed ten?"

"'Cause five and five make ten. I remembered that."

The rich man usually has a twin-six, and the poor man six twins.

Chicago Crooks Take Notice.

"Your celebrated prisoner got away?"

"Yes," said the rural jailer. "When he borrowed my keys and told me somebody wanted to see me in the alley on important business, gosh all fishhooks, I knew he wuz up ter somethin'."

Teacher: "How many are six and six?"

Willie: "Twelve."

Teacher: "That's good."

Willie: "Good—it's perfect!"

Spaid: "Sir, would you care to donate five dollars to bury a saxophone player?"

McLaren: "Here's thirty dollars, bury six of them."

Prof. Schommer: "Give for one year the number of tons of coal shipped out of the United States."

Spensley: "1492—none."

You can always draw the Queens if you've got the Jack.

Little Billy, aged three, was dragging an American flag through the alley one day, when his mother saw him and said, "Billy, what would the President say if he were to see you dragging that flag in the dirt?"

Billy thought hard for a moment and then replied, "Aw, he never tums down dis alley."

CHAPTER 5

LOGIC

"Father, why are the students carrying their books to class today? They never did it before."

"They have examinations today, my son."

'Tis better to keep silent and be thought a fool than to speak and remove all doubt.

Waterman: I want to be excused this period to get a haircut, Professor.

Prof. Scherger: What, get your haircut on school time?

Waterman: Sure, it grew on school time.

A married man's greatest surprise comes when his first mate turns out to be a skipper.

The man who marries a woman who rolls down her stockings need not expect her to go into the kitchen and roll up her sleeves.

A formula for success: More bone in the back and less in the head.

Nutt: "Do you think I can make her happy?"

Stantial: "Well, she'll always have something to laugh at."

Niederhofer: "Lack of clothing is one of the characteristics of the savage."

Joseph: "So? There goes a cannibal queen."

'Nuff Sed'

A noted critic once received a short story from a writer and was asked to criticise it. He claims that he never got any farther than the first sentence, which was, "Colonel Winterbottom was a cold, stern man."

Very few lads fail in life whose dads had the wisdom to turn the woodshed into a club-room on proper occasions.

A man never appreciates his hair or his health until they leave him.

A bow-legged girl may be healthy but she's in bad shape.

CHAPTER 6

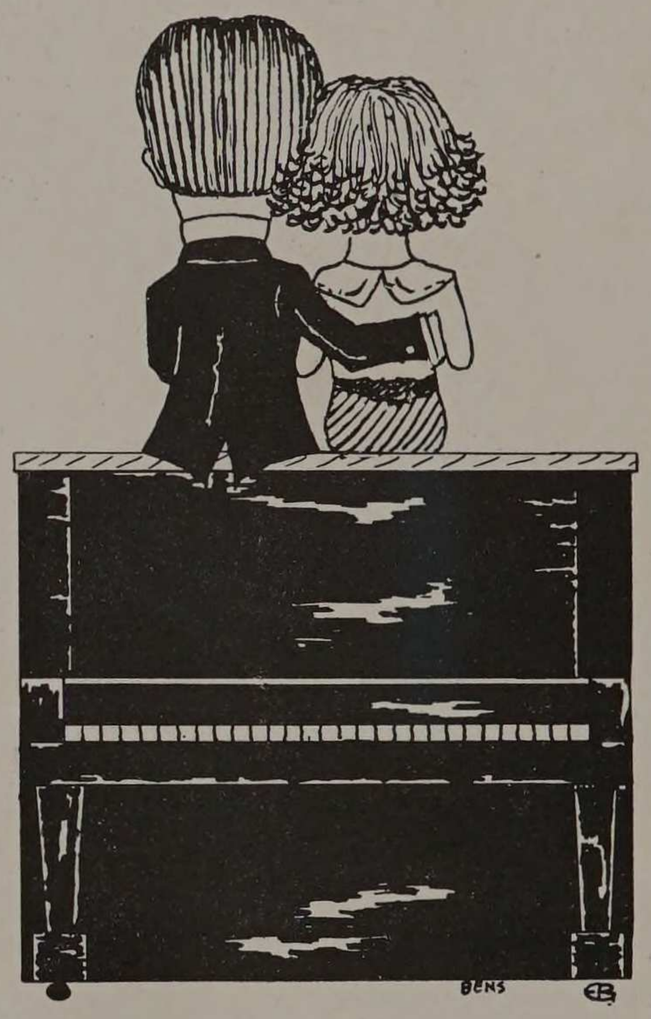
HISTORY OF RELIGION

Minister (to sick student): "I take a friendly interest in you, my boy, because I have two sons in college myself; one taking engineering and the other architecture. Is there anything I can do?"

Sick student: "You might pray for the one taking engineering."

Lizars: "The young bride worships her husband, doesn't she?"

Pierce: "Well, she places burnt offerings before him three times a day."



TRY THIS ON YOUR PIANO

What if John Barleycorn is dead, he may come back. He was a Spiritualist, you know.

Lord Babbington was instructing his servant in his duties, and ended by saying, "Now, Zeke, when I ring for you, you must answer me by saying, "My lord, what will you have?"

A few hours later, having occasion to summon the man, his lordship was astonished to hear, "My Gawd, what does you want now?"

CHAPTER 7

BUSINESS LAW

Kauders: "I saw the doctor you told me to see."

Isenberg: "Did you tell him I sent you?"

Kauders: "Yes, I did."

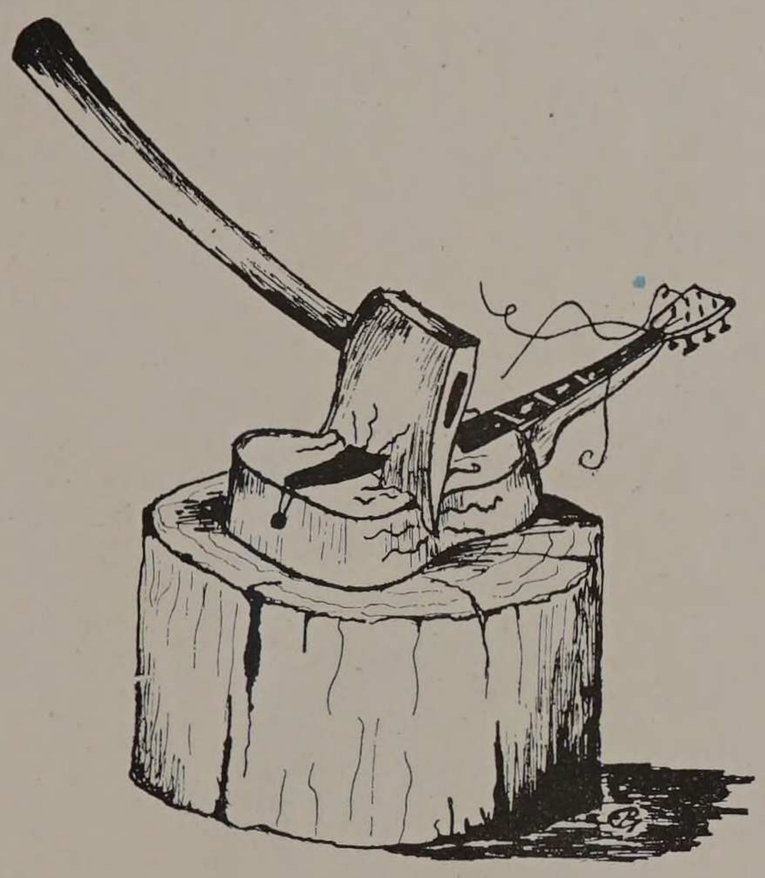
Isenberg: "What did he say?"

Kauders: "He asked me to pay in advance."

Crane: "If I agree to lend you ten dollars, what security will you give me?"

Vickers: "The word of an honest man."

Crane: "All right, bring him along and I will see what I can do for you."



TRY THIS ON YOUR UKELLLLL.

Dean Monin: "Success has four conditions—"

Voice from the back row: "Tough luck, the office will kick it out of Armour."

Marriage is the only lottery that the law allows.

Some women need sympathy but all they get is some poor symp.

Many a fellow who plans to set the world on fire has to borrow a match to light his pipe.

CHAPTER 8

WAVE MOTION
RIPPLES

By Their Works Ye Shall Know Them.

A group of professional men had gathered together in the lobby of a hotel and proceeded to make themselves known to each other.

"My name is Fortesque, said one, extending his hand, "I'm a painter—work in water colors chiefly."

"Indeed," chimed in another, "I'm an artist too, I work in bronze."

"Well, this is fine," a third broke in, "I'm a sculptor—I work in stone."

Then a little quiet fellow who had been inclined to keep apart stepped up, with a dry smile.

"Glad to make the acquaintance of you gentlemen, for I have a common interest with you. I'm a college professor at Armour—I work in ivory."

Stiehl: "Are you sure this is absolutely original?"

Farrell: "Well, you may find some of the words in the dictionary."

Tourist (gazing at a volcano): "Looks like Hell, doesn't it?"

Native: "Gosh, how these Americans have traveled."

"Why does he sign himself just plain Izzenstein?"

"Maybe he hasn't any Christian name."

Five students were recently expelled from an Ohio college for shaving mustaches from certain freshmen. The question now arises: "How did the Frosh have mustaches at all?"

In former days the only real difference between a college freshman and a Mexican Hairless was in the number of legs.

Prof. Phalen (attempting to be witty in Trig. Class): "Can any of you men tell me where has my polygon?"

Montgomery (in rear): "Up the geometree, sir."

Insulted Maiden: "Oh, sir, catch that man, he tried to kiss me."

Mayo: "That's all right. There'll be another along in a minute."

CHAPTER 9

PHYCHOLOGY

Shocking.

She was an awfully nice girl, with high ideals and everything.

One day she was walking down the street when her stocking became unfastened. There was nothing to do but stop and adjust it so that's what she'd decided to do.

Just as she was in the midst of it a gust of wind came around the corner and—

Blew her hair away from one ear, completely exposing it.

She was never so embarrassed in all her life.

A good antidote for present trouble is to remember how you can laugh at the things that troubled you in the past.

If heaven was easy to get into nobody would want to go there.

Presence of Mind.

Frosh: "Who's that horrible looking girl over there?"

Soph: "That's my sister."

Frosh: "Boy, but she can dance."

"Correct, Sit Down."

A certain gentleman of color questioned a friend of his, who was a hotel porter, as to the difference between the words "tact" and "politeness."

"Well, Rastus," said the porter, "one day over at the hotel I done walked into a bathroom and dere sat a lady in the bathtub. I quick said, "Oh, excuse me, sir," and closed the door. Now the 'Excuse me' that was plain politeness, but the 'Sir' that was tact."

When a man knocks himself he doesn't mean it any more than he means the faces he makes at himself when he shaves.

Prof. Wells (about to call the roll): "Ahchew." (Sneeze)

Andrzelczyk: "Here."

"There's nothing new under the son," sighed the fond mother as she sewed a patch on the seat of the trousers of her offspring.

As a rule the bonds of matrimony are not liberty bonds.

A Diary (?)

Jan. 20, 1975. (Monday)

"Today a student asked to be allowed to take Physics Lab. although it is not required in his course. The Laboratory Instructor will probably recover in a few days."

Jan. 21, 1975. (Tuesday)

"I had the privilege of witnessing the Eighth Wonder of the World today. He finished all his Junior Civil Drawing on time with no extra work."

Jan. 22, 1975. (Wednesday)

"A Mass Meeting was held today for the purpose of listening to an Alma Mater song which has at last been written for the Song and Cheer Contest. There was a wonderful turn-out, including 100% of the Faculty."

Jan. 23, 1975. (Thursday)

"At an Assembly, Mr. Allison made a thrilling talk advocating football at Armour."

The world does not ask where a man started but how far he has gone.

Burglar (to distracted lady): "Here, put this gun next to your dome and if ye make the slightest sound—shoot yourself."



THEY'RE MILD
BUT THEY SATISFY

CHAPTER 10

AUTO ENGINEERING

Two Hebrew gentlemen bought new cars last month. They had been friends; this killed the friendship.

Ikey: "Vat car dit you py, Abe?"

Abe: "I bought a Ford. Vat kind you get?"

Ikey: "Oh, I got a Rolls-Royce."

Abe: "That's a good car, too."

"Why do you turn out for every road hog that comes along?" asked the missus rather crossly. "The right of way is ours, isn't it?"

"Oh, undoubtedly," answered he calmly. "As for turning out, the reason is plainly suggested in this epitaph which I saw recently."

Here lies the body of William Jay
Who died maintaining the right of way,
He was right, dead right, as he sped along,
But he's just as dead as if he'd been wrong."

A little girl from the city had been to the country and was being questioned as to the kind of time she had had. Finally someone said, "I'll bet you don't even know how to milk a cow."

"Bet I do," said she, "First you take the cow into the barn and give her some breakfast-food and then you drain her crankcase."

The following is a Japanese translation of a safety-first bulletin: At the rise of the hand of the policeman, stop rapidly. Do not pass him by or otherwise disrespect him. When a passenger of the foot hove in sight, tootle the horn melodiously at first. If he still obstacle the passage, tootle him with vigor and express by word of mouth the warning, "Hi, Hi." Beware of the wandering horse that he shall not take fright as you pass him. Do not explode the exhaust box at him. Go smoothly by, or stop by the roadside until he pass away. Give big space to the festive dog that make sport in the roadway. Avoid entanglement of dog and your wheel spokes.

Go soothingly on the grease-mud, for there lurks the skid-demon. Press the brake of the foot as you roll around the corners to save the collapse and tieup.

CHAPTER 11

ENGLISH

The teacher was explaining to the class the difference between the words "concrete" and "abstract," and was endeavoring to make her explanation very clear and simple.

"Now," said she, "anything concrete is something that you can see but an abstract thing is something that you cannot see."

Willie looked rather enlightened so the teacher ventured to test her explanation.

"Willie," she said, "give us an example of something concrete."

"My trousers," answered Willie.

"Correct," said the teacher, gratified. "And now give us an example of something abstract."

"Yours," was the boy's reply.

Sayings of the Great.

Adam: "It was a great life if you didn't weaken."

Samson: "I'm strong for you, kid."

Jonah: "You can't keep a good man down."

David: "The bigger they are the harder they fall."

Helen of Troy: "So this is Paris."

Columbus: "I don't know where I'm going but I'm on my way."

Nero: "Keep the home fires burning."

Solomon: "I love the ladies."

Noah: "It floats."

Methuselah: "The first hundred years are the hardest."

Queen Elizabeth (to Sir Walter Raleigh): "Keep your shirt on, Walt."

Dean Monin (talking on Ancient History): "Can anyone tell me what a stoic is?"

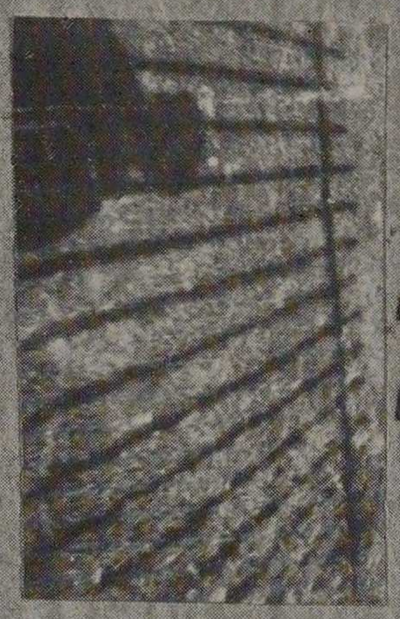
Munday: "A stoic is a bird what brings the babies."

Correct this sentence: "'I am sorry, I had hoped you could stay all winter with us,' said the man to his mother-in-law."

Musical Daughter: "I do love Mendelssohn."

Unmusical Mother: "All right my dear. You'd better invite the young man to your next party."

Birdie-eye view of the CAMPUS



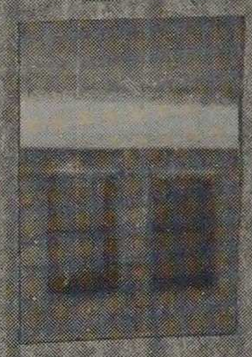
OGDEN FIELD

local residence

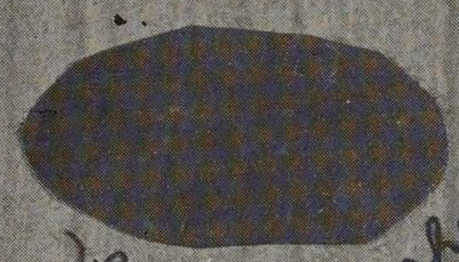
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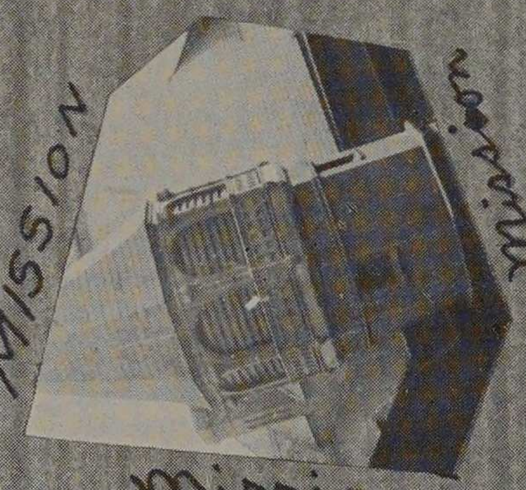
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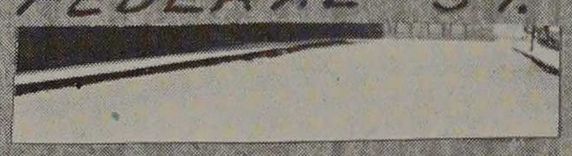


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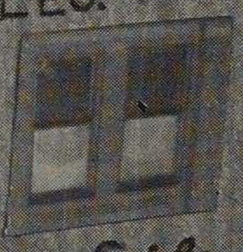
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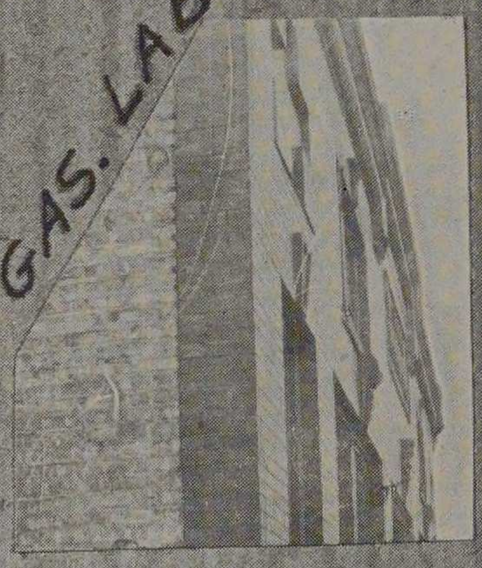
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CHAPTER 12

LITERATURE

Bright Sayings of the Children.

The following are some of the answers given to examinations in History of Civilization:

"The scalpula of a reighndear was found with human teethmarks on it."

"The pig is the ancestor of the wild boar."

"Ancient man used fire to cook his food, thus giving him better indigestion."

"They believed, as did Shylock the Jew—'An eye for an eye and a tooth for a tooth.'"

"The origin of the human race is known to have been before 6000 B. C., because it would require longer than that for female woman to have shaved her face and become beardless as she now is."

"The Brahmin of India goes into the desert to prepare himself in solitude for Minerva."



MAMMY'S COAL BLACK ROSE

A FRESHMAN'S PRAYER.*

* Written by a freshman just after Christmas.

'Tis the day after vacation
And all through the school
"Math" teachers examine,
You'd think 'twas a rule.
They know we can't pass 'em,
They know we wont try,
Yet see them write questions
Note the gleam in their eye.

"Doc" Campbell looks pompous,
Leans back in his chair,
Then adjusting his glasses
With dignified air,
Cocks one leg o'er the other
And smiling, remarks,
"Now, here is a quiz
That will take you 'til dark."

And Miser and Krathwohl
And Phalen, too,
Give examinations
'Twould take ten men to do.
At the end of the term
I expect they'll all say,
"If you'd worked in vacation
You'd be passing today."

When "math" teachers die
And meet Peter on high,
I hope they're examined
'Ere they can pass by.
I hope they are asked
And expected to know,
"How much is some money?"
And "How deep is snow?"

"How far is a star?"
"How wide is a cheese?"
"How heavy is soup
When it's up to your knees?"
And if they can't answer
So I have heard tell,
Pete pushes a button
And they go straight to—
Page 23 of 'Campbells Calculus Answers.'

—R. M. M.

"I'm cutting quite a figure, said the chorus girl as she sat down on the broken bottle.

Thru the Ages

Four years I spent at Armour with the class of '23,
And no four years in all my life have meant so much to me.
Of everlasting friendships gained, I feel I've done my share,
So in the future school of life, I know they'll still be there.
'Twas back in 1919 when I left high school behind,
Buoyed up with hopeful spirits—'tho 'twas not the drinking kind!—
But the kind that seasons courage and that fans ambition's flame
From but the glow of smouldering doubt into an honored name.

That year 'twas as a Freshman that I entered A. I. T.
Whose walls of massive brick suggested naught but jail to me;
But I must go for what's beyond: I thought I knew it all—
Yet once within I found I did not know a thing at all,
And what is more they frightened just the bit that might have stuck
'Til all I could remember was, "Doggone the bloomin' luck!"
They put no thumb screws on my thumbs, nor green cap on my head,
Nor bound me hand and foot until I thought I was half dead,
But let me plow thru my descript and thru my chem in peace
While knowledge lined my noble brow with many a wave and crease.

A Sophomore I then became—I thought that I was great!
'Twas but the culmination of a year of patient wait.
They piled me hot and heavy with the stuff I scoffed at most:
Mechanics, Physics, and with Calc, with Trig, too, I can boast.
I'll ne'er forget that year of work, the year I was a Soph,
When 'neath my arm my books were piled as if I were a prof.
That was the year when valentines played havoc in our rank—
The sight of but an envelope and hearts aplenty sank!
Those pleasant invitations to remain another year
Had "R. S. V. P." lacking, but the meaning was quite clear.

Thus did the Middle Ages pass; the crown fell from its head,
And onto Modern Times it set and rested there instead.
With splendor and with pomp the Junior year arrived in state;
What more could we have hoped for in the years that passed of late?
Its Junior week, its Circus Day, its Dances and its Prom
Reversed the age-old saying to the "storm before the calm."
That was the time when "social life" was password of the term,
When pride was all to each of us and dignity was firm.
No year of all the four I say can be compared to this,
When high above the floor the nose did float in magic bliss.

Then last of all the Senior year came with its flying flag,
Announcing we had safely passed each precipice and crag;
With steady climb, and earnest pull we fought against mishap,
For all our fortunes of four years were staked in this last lap.
It was that year in which we longed for that eventful day
When A. I. T. would send us on the World's Great Milky Way.
Into the world I went with my degree beneath arm
(A ribbon neatly tied it round to keep it safe from harm)
And to that school of envied fame I turned and said, "Good-bye!"
Then heaved, in Freedom's welcome clasp, one vast, relieving sigh.

—DAVID MANDEL.

The Engineer

Who is the man who designs our pumps with judgment, skill and care?
Who is the man that builds 'em and who keeps them in repair?
Who has to shut them down because the valve seats disappear?
The bearing-wearing, gearing-tearing mechanical engineer!

Who buys his juice for half a cent and wants to charge a dime?
Who, when we've signed the contract can't deliver half the time?
Who thinks a loss of twenty-six percent is nothing queer?
The volt-inducing, load-reducing electrical engineer!

Who is it takes a transit out to find a sewer to tap?
Who then with care extreme locates the junction on the map?
Who is it goes to dig it up and finds it nowhere near?
The mud-bespattered, torn and tattered civil engineer!

Who thinks without his products we would all be in the lurch?
Who has an heathen idol which he designates Research?
Who tints the creeks, perfumes the air, and makes the landscape drear?
The stink-evolving, grass-dissolving chemical engineer!

Who is the man who'll draw a plan for anything you desire?
From a transatlantic liner to a hairpin made of wire?
What 'ifs' and 'ans,' 'however' and 'buts,' who makes his meaning clear?
The work-disdaining, fee-retaining consulting engineer!

Who builds a road for fifty years that disappears in two?
Then changes his identity, so no one's left to sue?
Who covers all the traveled roads with filthy, oily smear?
The bump-providing, rough-on-riding highway engineer.

Who takes the pleasure out of life and makes existence hell?
Who'll fire the real good-looking one because she cannot spell?
Who substitutes a dictaphone for coral-tinted ear?
The penny-chasing, dollar-wasting efficiency engineer!

—F. A. Lidbury, Niagara Falls, N. Y.
(Submitted by Einar A. Comfield, '26.)

APROPOS

Who is it tries to marry art to hard-boiled steel and stone?
Who is it puts the buildings up that will not stand alone?
Who'd rather sketch a nifty frieze than figure out the shear?
The work-deploring, cost-ignoring architectural engineer!

Who wants the buildings fireproof, and won't take "good enough"?
Who raves about the firestops and non-inflammable stuff?
Who tries to fight the fire loss, but lets it grow each year?
The asbestos-selecting, fire protecting, actuarial engineer!

Said the tramp at the kitchendoor: "Couldn't you give me a bite to eat? I was born unlucky?"

"Well, your luck is holding out," was the reply, as the door banged shut.

"Sadie is a decent girl."

"How so?"

"She only kisses her friends."

"Well?"

"She hasn't an enemy in the world."

Opportunity.

"Have you an opening for a bright, energetic college graduate?"

"Yes, and don't slam it on your way out."

"Ikey, vere are my glasses?"
"On your nose, fadder."
"Don't be so indefinite."

By a Flapper.

You all make fun of our bobbed hair,
Let's hear you laugh, old dears,
But funnier, still, is the female male
Who wears sideburns below his ears.

Jack and Jill went up the hill,
The hill of matrimony,
Jack fell down with an awful splash,
And Jill got alimony.

Omar, Up to Date.

A flock of buzz-saws underneath the bough,
A slide-trombone, two saxophones and thou
Beside me, playing on a kettle-drum,
Ah, this fair world were wilderness enow.

Lucinda made a charming debutante
Her gown, indeed, was quite the latest shout,
"I understand," remarked her old maid auntie,
Just why they call this function, 'Coming out.' "

Be it ever so homely there's no face like your own.

Better find one of your own faults than ten of your neighbor's.

Suppose there are germs on kisses; aren't there more on paper money?
Let's take a chance.

Frosh (walking by a graveyard): "Wouldn't it be ghastly if all the dead people here would come to life again?"
She: "No, indeed. I wish one of them would."

All men are born fools but some play the part better.

'Twas on a summer hayride
As we strolled about the land,
That I softly called her sweetheart
And held her little—raincoat.

As I held her little raincoat,
We were going quite a pace,
I nestled close beside her
And moved closer to her—umbrella.

Closer to her umbrella
As she murmured little sighs,
The mellow moonlight bathed us
As I peeped into her—basket.

As I peeped into her basket,
The merry little miss
Laughed in chaste confusion
As I boldly stole a—sandwich.

---

1. Mary had a little cat;
   It swallowed a ball of yarn;
   And when the little kitties came
   They had their sweaters on.

2. Mary had a little skirt,
   The latest style, no doubt.
   But every time she got inside
   She was more than half way out.

3. Mary had some half-sox;
   She wore 'em every day.
   The girls all wondered why the profs
   Gave her each term an 'A'.

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Little Paul swat the mule with a maul
While stealing with stealth past his stall.
The mule put his heels where Paul put his meals
And so far as we know that is all.

"Fare, Please."

A street car is just like a woman,
I think that you'll find me not wrong,
Just let one go by and you will find out
There'll soon be another along.

In the wee small hours of the morning,
When midnight long has been past,
There are not so many running around,
Oh no, but they go twice as fast!

Tragic Drama.

They met on the bridge at midnight,
They will never meet again,
For one was an east-bound heifer
The other a west-bound train.

Prof: Wilcox: "Name one important thing we did not have 100 years ago."
Friedman: "Me."

Insult to Injury.

Rastus stumbled down the sunny street, his head sunk forward, his attitude woeful and emitting huge gobs of sorrow.

Cashus met him at the corner and stopped him.

"Whut-all ails yuh, Rastus?" he asked, noting the woe. "You-all looks pow'ful sick."

"Ah is, man," replied Rastus. "Ah is. Ah's gwine get a divorce from Dulce."

"Whut? Divorce yuh wife? How come? Whut-all did she do?"

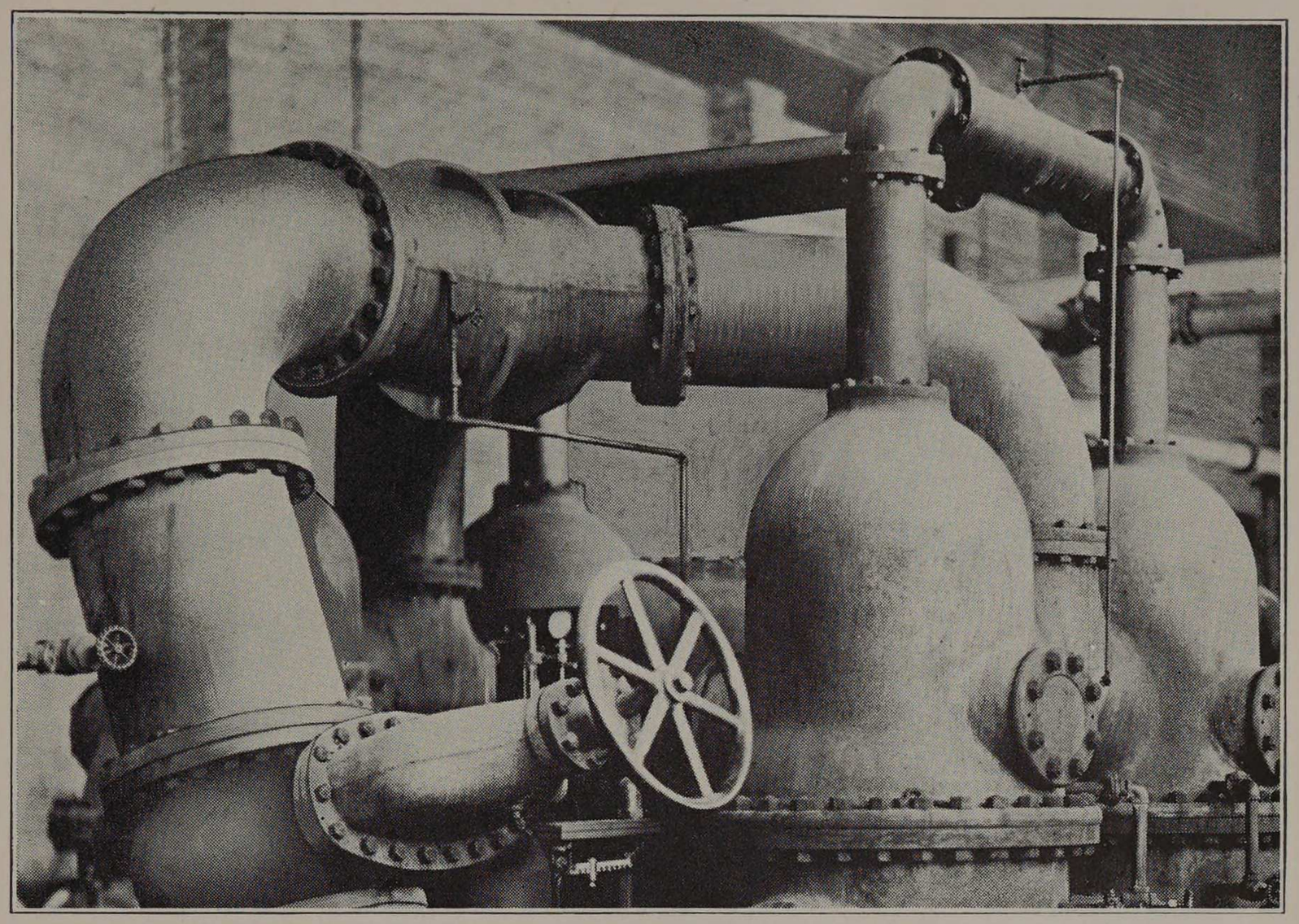
" 'Nough. Last night Ah come home and Ah found 'nother man sittin' in my parlor, a-huggin' an' kissin' her."

"My gracious. That's suah pow'ful bad."

"That weren't so terrible," complained Rastus. "Ah could've stood fo' that, but she 'sulted me."

"How come?"

"Why, she looks at me an' smiles an' says, 'Pull up a chair, nigger, an' learn somethin'."



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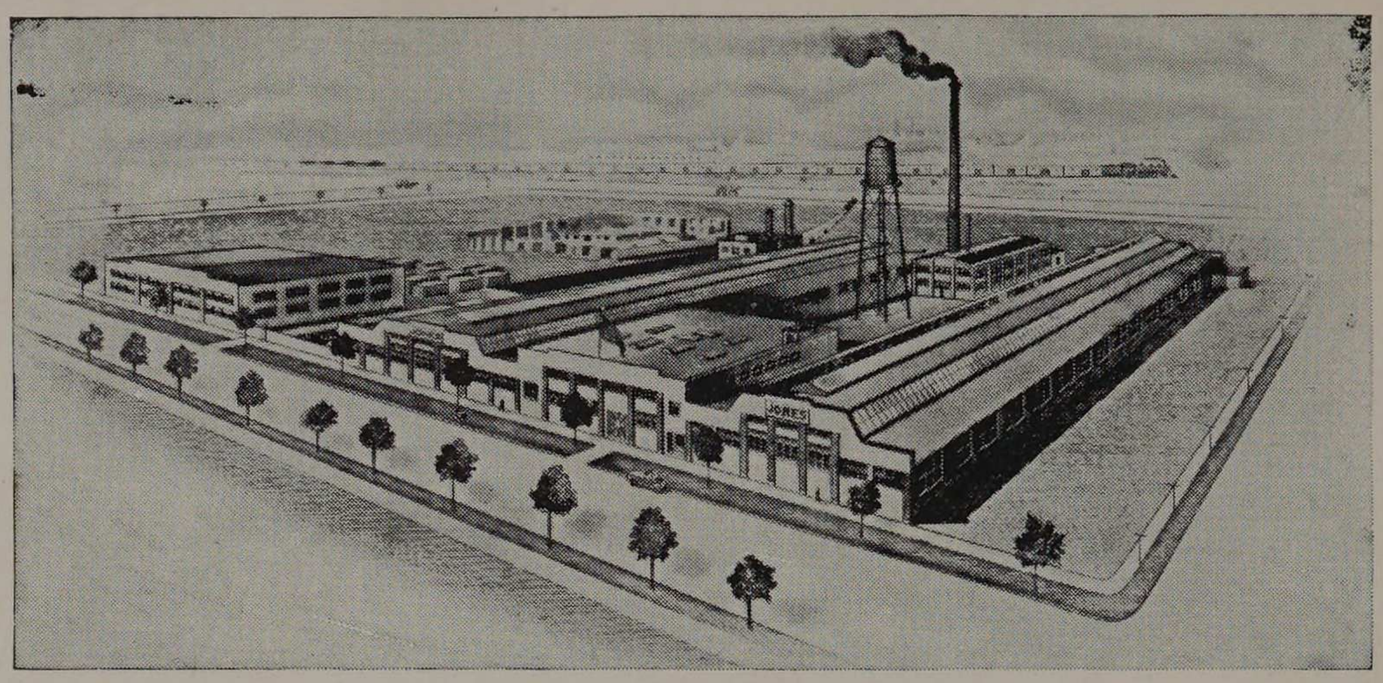
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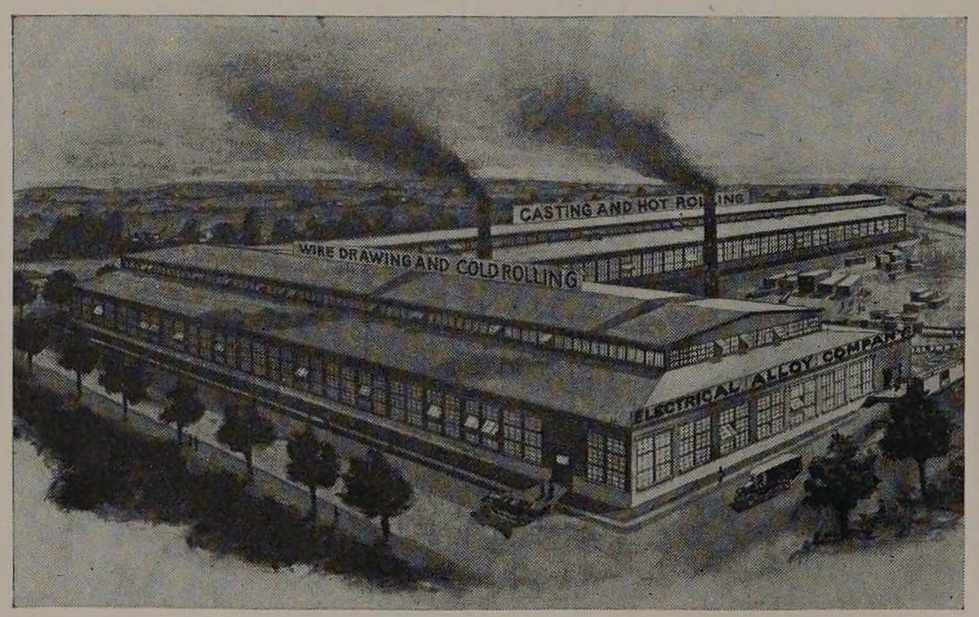
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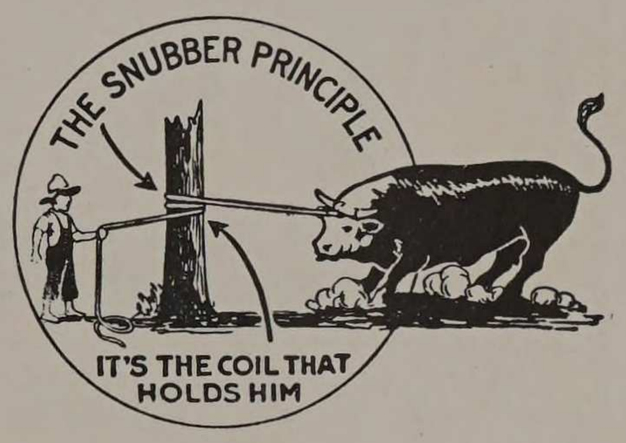


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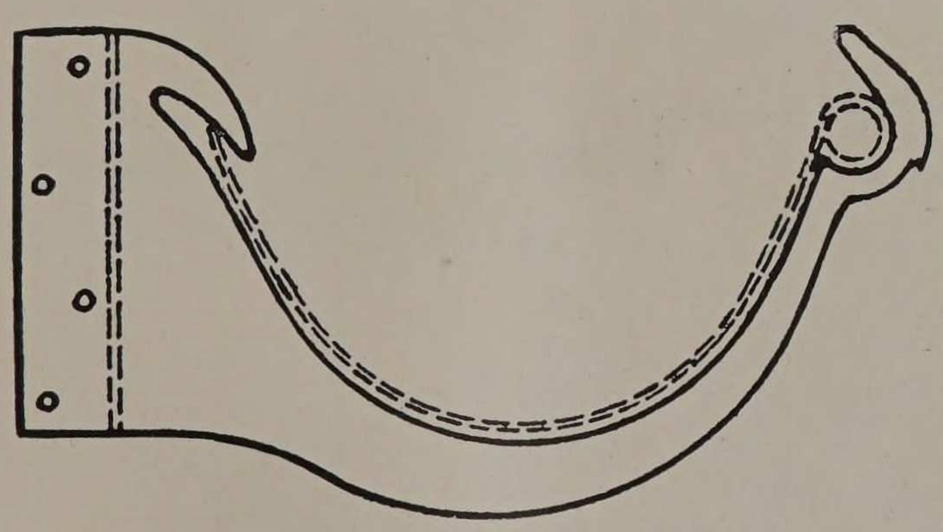
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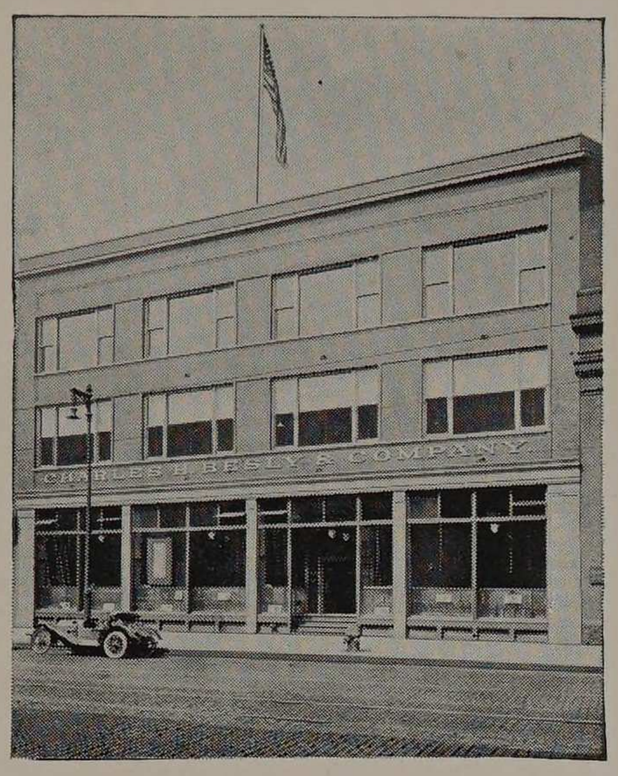
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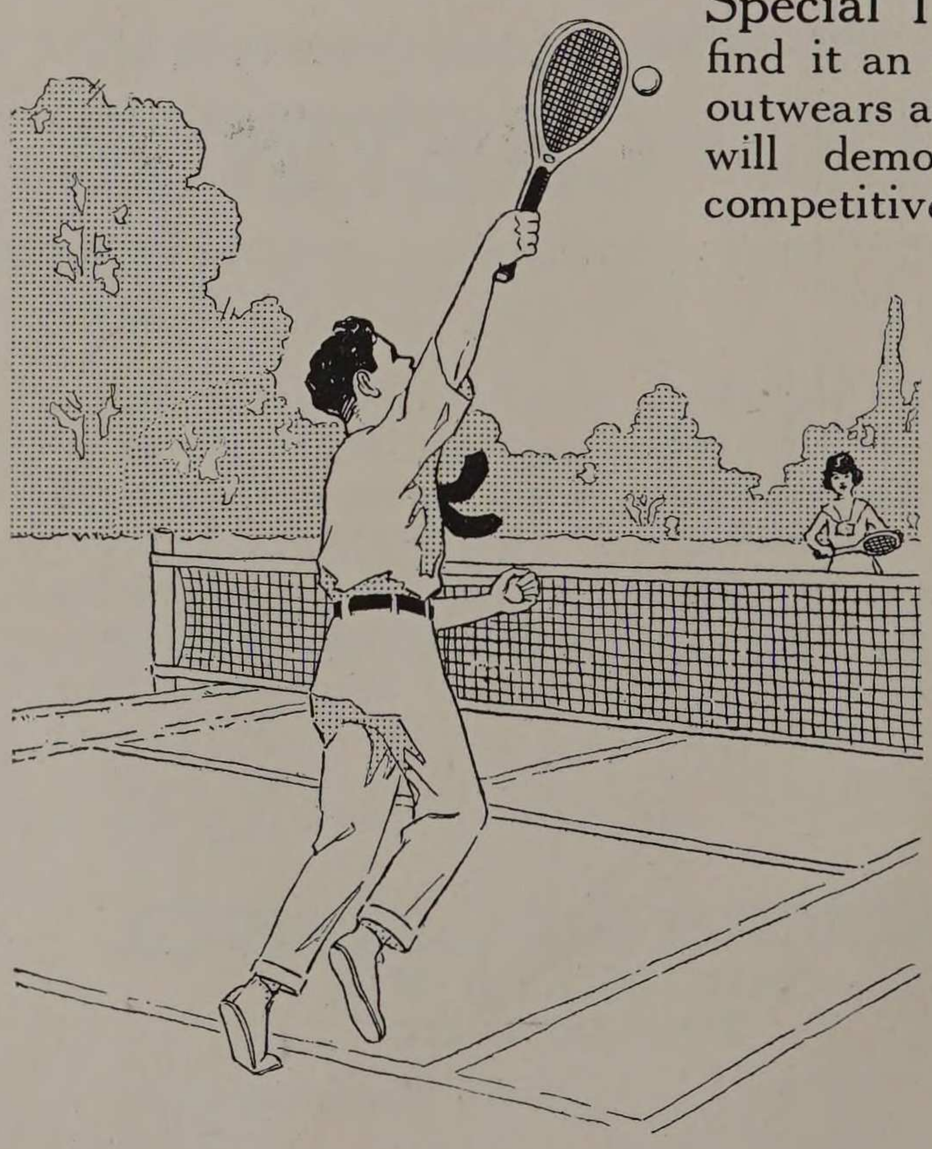
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