



## ALL CLASSES VOTE TOMORROW

### Fraternities Announce Pledges

#### TEN SOCIAL ORGANIZATIONS CLOSE RUSHING PERIOD BY CHOOSING NEW MEMBERS

Entertain Freshmen at Houses; Dances, Smokers,  
and Theater Parties Feature  
Hectic Week

#### PLEDGING CONTINUES DURING SEMESTER

##### Election Committee Ordains Nominations

After nine days of hectic rushing seven social fraternities at formal ceremonies last Friday evening pledged sixty-seven men.

Introduction to the freshman class was held in the Mission building when the annual Freshman Handshake was held on October 1st. On the following morning, at 8:30 a. m., rushing was started. This was continued throughout the week and into the next until the rushing ceremonies of last Friday were conducted.

The week was marked with a series of dinner parties, smokers, theater parties and dances. With these events the entering students were introduced into the social life of Armour fraternities.

The following listed social fraternities take pleasure in announcing the pledging of these men:

##### Phi Kappa Sigma

Andrew J. Anderson, '34, F. P. E.  
Mearl W. Brockman, '34, F. P. E.  
Marvin R. Crenshaw, '34, E. E.  
Edward O. Dase, '34, Ch. E.  
Richard E. Harwood, '34, F. P. E.  
Donald L. Jacobson, '34, F. P. E.  
Kenneth M. Kopf, '33, E. E.  
Charles A. Mueller, '34, E. E.  
Loran E. Piercy, '34, E. E.  
Adolph A. Rodeghier, '34, Ch. E.  
Carl H. Sachs, Jr., '34, F. P. E.  
Russell F. Sullivan, '34, F. P. E.

##### Delta Tau Delta

Elvy W. Allen, '34, Ch. E.  
Robert I. Drum, '34, F. P. E.  
Howard D. Little, '34, Ch. E.  
Frederick C. Lowry, '34, F. P. E.  
Charles J. McCurdy, '34, Ch. E.  
Albert L. Mahone, '32, M. E.  
Thomas J. Milan, '34, C. E.  
Clifford K. H. Ostrom, '34, M. E.  
Thomas C. Peavey, '34, F. P. E.  
Ross B. Petrie, '34, Arch.  
Joseph H. Scheyer, '34, M. E.  
Robert H. Schorling, '34, Ch. E.  
George L. Somer, '34, Arch.  
Louis H. Streb, '34, C. E.

##### Sigma Kappa Delta

Frank Dvorak, '34, Ch. E.  
Donald Landwer, '34, E. E.  
Warren Larson, '34, E. E.  
Donald McFarlane, '34, E. E.  
George Reed, '34, E. E.  
Harry Richter, '32, C. E.  
Frank Yukness, '34, E. E.

##### Theta Xi

M. C. Adair, '34, M. E.  
J. L. Brenner, '34, M. E.  
N. E. Colburn, '34, C. E.  
K. C. Eberly, '34, Ch. E.  
D. S. Manson, '34, F. P. E.  
R. C. Petersen, '34, C. E.  
H. C. Reynolds, '33, E. E.  
L. G. Rummel, '34, C. E.  
J. H. Schamp, '34, E. E.  
C. T. Seaberg, '34, Arch.  
W. T. Smethells, '33, F. P. E.  
W. E. Wilson, '34, E. E.

##### Phi Pi Phi

John Bachner, '34, Ch. E.  
Loy Callen, '34, C. E.  
James Castanes, '34, C. E.  
George Hanes, '34, M. E.  
Howard Hensel, '34, Ch. E.  
Richard Kaup, '34, M. E.  
Theiford Kelch, '34, M. E.  
Steven Lang, '34, E. E.

(Continued on page three)

#### 1930 CYCLE GIVEN HONOR RANKING FOR SECOND YEAR

First Class Honor Rating was awarded to the 1930 edition of the "Cycle" by the National Scholastic Press Association, according to word from that organization received by Arthur H. Jens, editor of this year's "Cycle." The rating was made after the books had been carefully examined and graded on several different items.

This makes two consecutive years of honors for the "Cycle" as the 1929 edition was given "All-American" rating by the same organization. The present staff hopes to duplicate the recent success in the 1931 book.

The National Scholastic Press Association rates year books, newspapers, and magazines of colleges, and schools, all over the country and has done so for several years, the present system of marking having been adopted in 1924. All scholastic institutions that have their publications rated by the Press Association are classified as to enrollment and in this way size is taken into consideration in the grading.

The year books are graded under nine different headings, each department being considered separately. A varying scale of points has been adopted giving each department proper weight in arriving at the grade of the whole.

The different items considered include: the plan and theme of the book, the general handling of the department for administration and faculty officers, the layout and appearance of the class photography, and of that of the organizations, the editing and make-up of the book in general, and mechanical considerations such as the cover, engraving, and printing.

#### Sphinx to Revive Tech Press Club

A reorganization meeting of the Press Club is to be held today at 11:30 in the Assembly Hall. All students who are members of the staffs of the various publications are invited to attend. Others who desire to try out for staff positions are offered this opportunity for making contact with the editors of and members of Armour publications.

The Press Club was instigated by Sphinx, honorary literary fraternity, on March 24, 1924. At that time it was found difficult to secure enough men from the student body to foster the student publications.

It was also shown in a survey made by Sphinx that the staffs of the Cycle and Engineer were made up almost entirely of members of the Junior and Senior class. There was then, and there is still, to a large extent, a discontinuity of effort from year to year in the administration of the publications, occasioned by the appointment of a new staff. "The Press Club was organized to provide a literary or journalistic society for the training of prospective staff members of the publications, which will give every interested student an opportunity to achieve through merit any staff position to which he may aspire." The latter was taken from the organization plan of the Press Club.

Membership in the Press Club is to be limited to those students who are now or who intend to work on the staffs of Armour publications. Student publications at Armour are the following: Armour Tech News, weekly publication; Armour Engineer, published quarterly; and the Cycle, annual publication and class book.

Examinations for the removal of conditions incurred last semester start today, and end this Friday, October 17. Those taking the exams must report their intention of so doing at least one day before the schedule of the quiz. A complete list is on page three.

#### Fire Drill Held Shatters Record

Last Friday morning at 9:30 two fire marshals strolled into the office of G. S. Allison, Treasurer of the Institute and asked him to sound the alarm for a fire drill. Usually the office is notified when the fire department wishes to inspect one of our fire drills but this time the order came wholly without previous notice. In view of the fact that both students and faculty were unaware of what was to follow, the drill was exceedingly efficient. The record of one minute fifty-nine seconds for emptying all buildings established at the last drill was broken by exactly eleven seconds at the Friday morning turnout.

President Raymond made the following statement concerning the drill: "The fire drill was the best that I have witnessed in the more recent drills. The students and faculty as well seemed to understand the seriousness and the object of this performance and did not seem to consider it as lightly as in the past. It is most essential that everyone appreciate the value of our fire drill for in case of a real disaster it might mean the saving of many lives. Let us consider the fire drill with the utmost seriousness."

Dean Palmer was in class at the time of the drill and was completely taken by surprise. On the whole he was satisfied with the procedure.

Dean Penn witnessed the entire proceeding. He thought that the drill was very efficient. It was carried out not only quietly but also with despatch. He also added that the firemen were pleased with the manner in which the drill was conducted.

Mr. G. S. Allison declared, "The drill was A-1 in all respects." Mr. Allison conducted the firemen through the building. The fire (Continued on page three)

#### Clifford Celebrates Wedding Anniversary

Professor and Mrs. Clifford celebrated their thirty-second wedding anniversary last Saturday, October 11. They were married in Shanghai, China, where Professor Clifford was teaching physics at the time. Professor Clifford, by virtue of his residence in China, is a master of the Chinese language.

#### Seniors Must Check Credits With Dean

Every senior is requested to see Dean Penn or Mr. Kelly regarding his credits before October 24. In order to be considered for graduation, back work must be completed on or before May 1, 1931, or a written statement from the instructor, stating that satisfactory progress is being made, be presented on that date. There are a number of seniors who have such work to make up. There is a list of all members of the senior class posted on the bulletin board, and any student whose name is not on this list, and who expects to graduate next June, should also report.

### STUDENTS GIVEN FIVE HOURS IN WHICH TO CAST BALLOTS DURING DAY OF ELECTIONS

#### Election Committee Ordains Nominations by Petition as Feature in New System

#### ALL STUDENTS URGED TO VOTE EARLY

Tomorrow, Wednesday, October 15, marks the election of the officers of all four Armour classes. This year the election is being supervised by a general election committee composed of last years officers with Fred B. Attwood as chairman.

The hours during which the voting will be done are from ten until three, five hours being considered sufficient for the balloting. The ballots will be counted immediately after three o'clock and the results of the election announced.

This system of nomination by petition and supervised elections has been devised in the hope of increasing the chance of the proper men being elected. This preparation will be useless unless all the men in the school cooperate by voting for their candidates.

The list of candidates for the various offices who presented petitions with the required number of names is given below. (In the senior class, W. P. Winkler's petition for secretary was received by the election committee at 4:20 p.m., more than four hours late, and was not accepted.)

##### SENIOR CLASS

###### President

F. B. Attwood,  
C. T. Link.

###### Vice President

B. J. McLaughlin,  
W. Drigot.

###### Secretary

P. Jordan.

###### Treasurer

M. J. Lamka,  
W. M. Miran.

###### Social Chairman

R. J. Keilner,  
W. E. Schirmer.

###### Sergeant-at-Arms

R. J. Abramson.

##### JUNIOR CLASS

###### President

J. R. Jackson, Jr.,  
J. Cavanaugh.

###### Vice President

W. H. Rudolf,  
M. Venema.

###### Treasurer

T. A. McGill,  
W. M. Trauten, Jr.

###### Secretary

F. A. Ustryski,  
H. S. Hendricks.

###### Social Chairman

J. J. Casey,  
H. J. Cameron.

(Continued on page two)

#### SANITARY DISTRICT ENGINEER TO SPEAK AT A. I. E. E. MEETING

Mr. J. T. Hawley, Chief Electrical Engineer for the Sanitary District of Chicago will give a short talk on the electrical problems of the Sanitary District, on Monday, October 20, at 10:30 in Room D of the Mission Building. This talk will be given under auspices of the Armour Branch of the American Institute of Electrical Engineers. This will no doubt prove very interesting and will explain to some extent the mystery as to just what the Sanitary District does.

At one time the Sanitary District supplied the electrical power to the Department of Electricity of the City of Chicago for the street lighting system. Due to the power requirements of the sewage treatment plants ordered to be built by the Federal Government, this practice has been discontinued. The electricity for the major portion of the street lighting system is now obtained on a long term contract with the Commonwealth Edison Co. The requirements of the Sanitary District are very rapidly approaching the maximum output of their plants and to ameliorate this condition plans are now under way for the rebuilding of the Lockport plant.

#### Forge Shop Gets New Welding Cutting Torch

A new welding and cutting torch has been acquired by the Forge Shop. Mr. Forester intends to give class instruction in its use. The fact that there is but one torch prohibits the giving of a problem in this work.

All of the forges in the shop have been repaired and are in good working condition.

#### CALENDAR

##### Tuesday, Oct. 14

Condition Exams Begin.  
11:30—Press Club Meeting, Assembly Hall.  
5:00—Orchestra Rehearsal.

##### Wednesday, Oct. 15

Voting: All Classes—All Day.  
4:00—Senior Basketball Practice.

##### Thursday, Oct. 16

4:00—Junior Basketball Practice.  
5:00—Glee Club Rehearsal.

##### Friday, Oct. 17

5:00—Boxing Exhibition by E. Peters in Gym.

##### Monday, Oct. 20

10:30—A. I. E. E. Lecture Room D Mission.  
5:00—Boxing.

#### W. S. E. Night Class to Start Next Tuesday

The W. S. E. will begin their second year of evening classes when they open their course of study on Tuesday night, October 21, at 7:00 p.m. The classes are held in the W. S. E. rooms located at Wells and Wacker Drive.

The classes were instituted last year, and are attended by engineers from the leading industrial plants of the city. Classes are held once a week for ten weeks, the companies from which the men come stand the expense of ten dollars per man. Among the courses offered is Engineering Economics with Prof. E. H. Freeman as the instructor. At the end of the course the men may obtain credit for their work by completing several problems successfully. During the year there are four or five lectures given by representatives of some of the largest plants of the Metropolitan area.

# Armour Tech News

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CHICAGO, ILLINOIS

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## DIVERSIONS

"Man," says a famous novelist, "is the only animal that has reason; and so he must have also, if he is to remain sane, diversions to prevent him from using it." In a college with a curricula as highly technical and specialized as that of Armour, these "diversions" from "reasoning" are of prime importance.

It would be a severe strain on any man's mind if for eight hours a day, and a portion of the evening he spent his time on the "reasoning" courses, which are everything from mathematics to law. The very fact that our courses do include classes that may be termed as "diversions" show the wisdom of the men who laid them out.

While the man who considers any course that entails any work as something unpleasant, the more mature minded individual will readily admit that the work of the departments of English and History are diversions, and of the finest nature. In this field the men are not only relieved of the abstruse reasoning that others may require, but are given a cultural broadening that is inestimable in its value.

The world of today, while it demands a firm technical education for engineers, makes social demands upon a man that may count much in his success of life. It is toward developing this end of our education that these "diversions" play such an important part, and their actual need cannot be denied.

However, the majority of the technical students seem to take the matter in a peculiar light, for they often regard anything outside of the "chosen field" as purely extraneous, and thus worthless. To them we make the appeal to adjust their viewpoint, for later in life they will realize the truth of the matter, but if they wait until then, it will be a lost opportunity.

The Institute has offered in the past, occasional optional courses in liberal subjects, and while none are scheduled for the current semester, the chances are good that the next year will see another. In the past the courses have been well attended; this is not a plea for student enrollment, but merely advice for those who are in a receptive mood.

A. B. A.

Wisdom does not show itself so much in precept as in life in a firmness of mind and a mastery of appetite. It teaches us to do, as well as to talk; and to make our actions and words all of a color.

Seneca

# "The Slipstick"

Cleave to "The Slipstick"; let  
the Slapstick fly where it may.

## A POOR STUDENT

A student does not take in  
What should be within,  
But lets those things out  
Which should be left out.  
This is why so many a scholar  
Is taken by the linen collar  
And ejected, dejected.

J. W.

In lieu of Pluto, we have just nicknamed our dog  
Mars, because from all indications he appears to be  
inhabited.

"Joe has a glass eye."  
"Did he tell you that?"  
"No, it just came out in the conversation."

## ALTALKER

The Co-ed returns to our midst with a thrilling one-act drama of life in the ultra modern, entitled "Another Busted Romance."

Curtain: He was her big Iron and Steel man from Pittsburgh. And then she found out—his mother irons and his father steals. Curtain.

First Foreigner: "How are you, I hope?"  
Second Foreigner: (Also wishing to display his knowledge of English): "Thank you, no doubt."

## ADVICE AGAIN

We are always glad to give advice. There now is some in line for The Pied Typer and M. B., if they will see me.—Phil J.

An inmate of an asylum for the insane imagined himself to be an artist, and he was busily engaged in dabbling at an empty canvas with a dry brush. A visitor asked what the picture represented.

"That," said the nut, "is a picture of the Isrealites being pursued through the Red Sea."

"Where is the sea?"  
"Why that's rolled back to allow the Isrealites to pass."

"Where are the Isrealites?"  
"They've just gone by."

"Then where are their pursuers?"  
"Oh, they'll be along in a minute."

## EXCUSE 1001

I am the merry frosh, ho, ho,  
Shouting and funning as I go,  
Clicking my heels with a noisy din,  
So give me a break, prof, let me in.

Jules Verne wrote about "Twenty Thousand Leagues Under The Sea." Baseball must be a popular game down there.

## SPASM I

(Loud shrieks of sirens)

On came the train with its fifteen beautiful cars. It rushed down the track as though aided by the foul fiends.

Ah! Gawd, an open switch—no heed paid to it—on, on, on, and on comes the express. Crash! (Cries of entire radio studio, cymbals, drums, etc.)

"Ha, ha ha" says bright little Johnnie Cadman age five, "Johnson's Toys Makes Happy Boys."

## SPASM II

"You filthy old thing, you dirty creature, take that, and that! You deserve this; don't deny it now. It's been coming to you a long time. I'll clean you up if nobody else will do it. You're not fit to be walked on. You're too dirty for words. I wouldn't wipe my boots on you."—and so with these exhortations the prof. belabored his genuine Persian rug with his special patent Carpet-Beater.

The last word in airplanes—"jump"

A garlic sandwich is two pieces of bread traveling in bad company.

Ilma Valadoffovichskioffshi: "So Ivan Ninepinski died in battle. You say he uttered my name as he was dying?"

Returned Soldier: "Part of it. He did the best he could."

Photographer: "Do you want a large or a small picture?"

Co-ed: "A small one."  
Photographer: "Then close your mouth."

He: "Where is my fraternity pin?"  
She: "It's on my chiffonier."  
He: "Your chif—Well, don't forget to take it off before you send it to the laundry."

And that's that until next Tuesday.

—Phil J.

# Professor Roe Loomis Stevens

(A Biographical Sketch)

By

BY P. EMIL SEIDELMANN, '31

Roe Loomis Stevens, associate professor of Bridge and Structural Engineering, was born at Vermontville, Michigan, on December 9, 1885. After receiving his preparatory training at the Chicago public schools, and Chicago English High and Manual Training School, now Crane High, he came to Armour in 1904. Four years later he graduated, receiving a B. S. degree in Civil Engineering.

The Integral, or the Cycle of 1908, characterized Professor Stevens as a "shy, retiring soul, and the encyclopedia of his class." He has ever been so wedded to mathematics that it is said of him as a child he went into hysterics when not allowed to play with osculating circles and lemniscates. And further, "Steve became so indispensable to the students that the school deemed it desirable to place him in the faculty lists."

After graduation Professor Stevens spent ten years with the Chicago, Milwaukee, St. Paul and Pacific Railroad as an office engineer, designing buildings and bridge work. Meanwhile he also spent one year as a professor at the University of Washington. In 1921 Professor Stevens came to Armour as an assistant and in 1926 was promoted to associate professor of Bridge and Structural Engineering. In 1912, he married Miss Evelyn Cedarholm. They have three children.

Professor Stevens is an associate member of the American Society of

# Black Ray Detects Forgery of Checks

How the denomination of a check may be marked with invisible ink as a protection against check raisers and the unseen writing revealed by "black rays" recently was demonstrated by Dr. Herman Goodman, of the New York Academy of Medicine. When a "raised check" was placed beneath the rays of a new type of lamp he has developed, the writing glowed, revealing the forgery.

The lamp was a new type for producing invisible ultra-violet rays, otherwise known as "black light." A dark pane of blue-black glass, tinted with nickel and cobalt, effectively cuts off visible light. Certain substances, however, glow beneath the rays, and one of these was used in the invisible ink.

Originally Dr. Goodman developed the lamp to detect skin diseases invisible under the microscope. But he also suggests several commercial uses for the device. One is the possible detection of the source of bootleg liquor. Plants that manufacture industrial alcohol might add a substance to it that would glow red, blue, or white under the ultra-violet rays. One color or would be assigned to each locality. An examination of bootleg liquor would show whether its alcohol had been diverted from an industrial plant.

Civil Engineers. Although his modesty would not permit him telling me, he is held in high esteem among railroad engineers for his knowledge of concrete, in both plain and reinforced design; and will be remembered for many years by his students for his characteristic saying, "Draw a little sketch."

# List Nominees for All Class Officers

(Continued from page one)

## SOPHOMORE CLASS

President  
R. O. Belford.  
E. E. Sademan.  
Vice President  
H. A. Larsen.  
E. L. Curran.  
Treasurer  
J. T. Sorensen.  
C. C. Schultz.  
Secretary  
C. E. Berglund.  
Social Chairman  
O. W. Staib.

## FRESHMAN CLASS

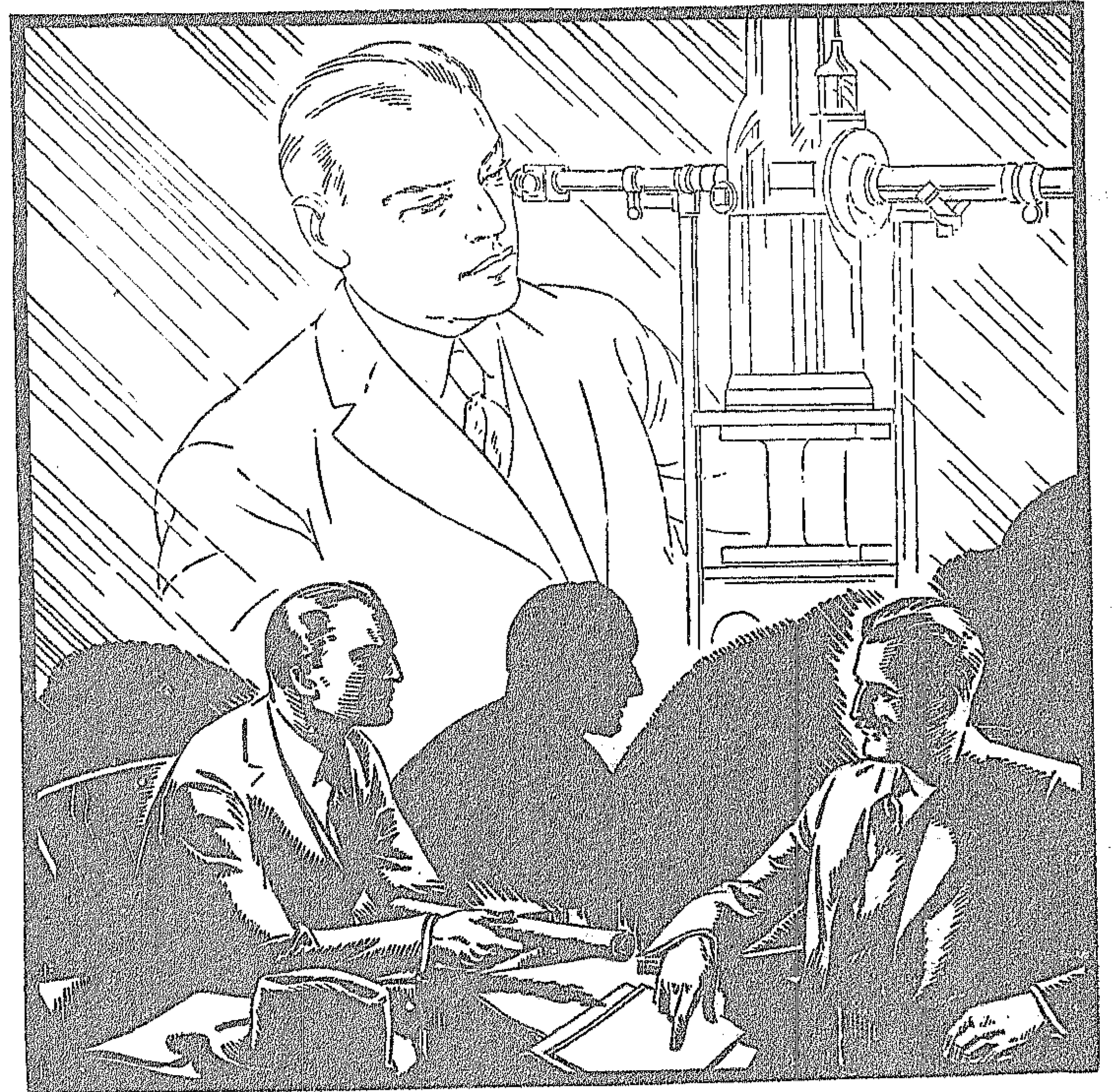
President  
R. Cheatham.  
Vice President  
D. Manson.  
Treasurer  
R. Drum.  
Secretary  
H. Moskowit.  
Social Chairman  
T. Cherwin.  
Sergeant-at-Arms  
J. Schamp.

The above lists are not final as all petitions were not yet available or checked when the Armour Tech News went to press.

Fred Attwood, editor of the News, attended a national convention of Tau Beta Pi, the national honorary engineering fraternity, during the past week. Attwood went as the official delegate of the Armour chapter.

The football coach at Colby refused to march into a banquet to the tune of the Maine "Stein Song."

# STEPPING INTO A MODERN WORLD



# Scientist and Salesman

## THE MODERN PARTNERSHIP

Like every other modern industry, the Bell System requires the combined effort of scientist and salesman. The commercial man has again and again shown the public how to use new products of the telephone laboratory, and how to make new uses of existing apparatus.

Transmitting pictures and typewritten mes-

sages over telephone wires are services right now being actively promoted. Scientific selling by long distance is among many ideas originated to increase the telephone's usefulness.

In short telephony is a business, with problems that stimulate commercially minded men and a breadth of opportunity in step with the fast moving world of industry today.

# BELL SYSTEM



A NATION-WIDE SYSTEM OF MORE THAN 20,000,000 INTER-CONNECTING TELEPHONES

## Arx News

In the Architectural Record of July, 1930, appears the announcement that Irving and Monroe Bowman, both of Armour, '28, have completed their plans for the first all-metal apartment building. The problem they sought to solve involved the building of an apartment house having a maximum useable floor area and the number of floors compatible with livability, economy, and yet within the building code.

The Bowman brothers, with their project in hand, contend that metal walls increase the net floor area, decrease heat loss, and the initial cost being less than masonry. The use of battledoor floors permit the addition of another floor and will still be within the height limit of the zoning ordinances.

Besides the metal walls increasing the useable floor area they decrease the dead load of the walls, increase the heat insulation value of the interior walls, eliminate the trouble from leaking walls and at the same time reducing the first cost of the building.

The saving with metal walls is 14 per cent of the net rentable area if it were built with brick walls. The larger the plan area, the greater will be the percentage of increased return on the equity.

An analysis of the various types of metal walls were made, including: Wall built of sheet aluminum with an aluminum framework within, and with waterproofing and insulation, etc.; wall built of sheet aluminum with steel framework within, and waterproofed and insulated, etc.; wall built of Allegheny metal, KA2. A wall built of "Ascoloy" sheets with steel framework was discarded because of the cost and the necessary maintenance.

Riveting sheets were discarded as impractical due to the difficulty of matching the holes in the sheets to the holes in the framework of the walls. Welding was discarded also due to the costliness of the process. The method used was to clamp the sheets to the framework with straps, all the edges being formed in the shop to permit lock seaming. With the use of Allegheny metal, no painting or maintenance is necessary for at least thirty years.

The metal walls are backed with 3-inch slabs of rock wool. This material is not to be confused with mineral wool or blocks of mineral wool. Six different types of construction were tried from the use of reinforced concrete floors with girders and columns to all steel battledoor floors, steel girders and columns.

On the internal side of the question it was decided to use electric heating. The heat loss of the

## EXAMINATIONS FOR REMOVAL OF CONDITIONS

Tuesday, Oct. 14—2:00 to 4:00 P. M.

Organic Chemistry (Ch.E. 14 and 18), Prof. Freud, Room C, Main Building.

Physical Chemistry (Ch.E. 37), Prof. Freud, Room C, Main Building.

Graphics Statics (C.E. 40), Assistant Prof. Grafton, Civil Drafting Room, Mission.

Hydraulics (C.E. 21), Assistant Prof. Grafton, Civil Drafting Room, Mission.

Wednesday, Oct. 15th—2:00 to 4:00 P. M.

Quantitative Chemistry (Ch.E. 7), Prof. Tibbals, Room C, Main Building.

Precision of Measurements (Physics 6), Prof. Doubt, Room C, Chapin Hall.

Thursday, Oct. 16th—2:00 to 4:00 P. M.

Engineering Mechanics (Mech. 1 and 2), Prof. Paul, Room D, Chapin Hall.

Applied Mechanics (Mech. 6), Prof. Leigh, Room D, Chapin Hall.

Hydromechanics (Mech. 4), Assoc. Prof. Mangold, Room D, Chapin Hall.

Experimental Engineering (M.E. 17, 30, and 31), Prof. Libby, Office, Mechanical Engineering, Machinery Hall.

Friday, Oct. 17th—2:00 to 4:00 P. M.

Steam Power Plants (M.E. 32), Prof. Nachman, Room A, Machinery Hall.

Physics—1, 2, and 4, Prof. Wilcox, Electrical Lecture Room.

Students who expect to take any of the above examinations are requested to report to the professor at least the day before the examination is to be given.

building had been reduced to approximately 41 per cent of the average popular fireproofing construction. The interiors are to be treated in a modern fashion. The rooms are to be indirectly lighted. The kitchens are to have mechanical ventilation with all electric equipment. The cabinet work is to be done in metal. The bathrooms are to have sunken tubs inclosed in plate glass. There is to be a central radio system.

In the Architectural Record for August, 1930, are views of the Bowman offices done in the modern style. An article on their idea is featured in the Baukunst and Stadtebau for June, 1930, with an article on the work of Frank Lloyd Wright.

## Announce Pledges To Fraternities

(Continued from page one)

Leroy Lynch, '34, C. E.  
William Muetzel, '34, C. E.  
Robert Simpson, '34, C. E.  
Frank Velat, '34, Arch.

### Triangle

Judson F. Bonnell, '34, M. E.  
William A. Malloy, '34, C. E.  
James F. Manly, '34, M. E.  
Marion R. Pierce, '34, C. E.  
John E. Schreiner, '34, C. E.  
Eric H. Smith, '34, C. E.  
Harold C. Stevens, '34, C. E.

## Campus Club to Hold Smoker for Members

Plans are being developed at the present time for a smoker to be held by the Campus Club. It will be held probably at the end of next week, and will be for members only.

The club is also organizing a basketball team to play all challengers. From the card players comes the report that a bridge tournament is in the offing, but that since some players know their partners too well there will be difficulties in proper refereeing.

Members of all classes at the Institute are welcome to join and spend their noon hour in a game of pinochle or with a magazine. A special invitation is extended to freshmen and new students. The rooms are on the first floor at the third entrance in Chapin Hall.

The Lockport plant is at the southern terminus of the Chicago Drainage Canal and develops 40,000 horse power from the forty-foot fall. The Drainage Canal was begun in 1892 and finished in 1900, at an expense of \$20,000,000.

### Kappa Delta Tau

Harold Goldman, '34, Ch. E.  
Norman Krause, '34, Ch. E.  
Milton Slazer, '34, Arch.

## Friday's Fire Drill Shatters Old Record

(Continued from page one)

marshals complimented the school on carrying out the various suggestions that they had made on their last visit to Armour.

For the benefit of the student body the fire alarms are listed below. The fire alarm is a prolonged blast of the siren in the main building, and three rings of the bells in the other buildings. On hearing the alarm proceed as follows:

(1) In Main Building, vacate the building at once.

(2) In Machinery Hall, vacate the building at once.

(3) In Chapin Hall, give attention to the next signal. If it is one ring, use the front stairways; if it is two rings, use the rear stairways.

(4) In the Mission Building, vacate the building at once, using any stairway.

The only criticism of the conduct that might be made is the fact that the students persist in remaining in the immediate vicinity of the building when they are outside. Worse still is the fact that many of them insist on standing in the middle of Federal Street where they would be endangered by any falling debris, in case of a real fire, or by the arrival of fire apparatus. The first students to leave the building should walk on the same side of the street until they are at least one hundred feet from the main group of buildings. In doing this they will leave plenty of room for those coming from the upper floors. If this one rule is observed in addition to the other simple rules, in the opinion of Mr. Allison, our fire drills would attain the heights of perfection.

## Thousand Men Enroll in Evening Classes

Night school registration started Friday, October 3, and when classes were scheduled to start, Monday, October 6, a large number were still enrolling. The number desiring to further their knowledge is smaller than last year. General decline in business conditions may be held accountable for the decrease.

Classes in Structural Steel Design and Architectural Drawing show a large drop in enrollment, while Mathematics and Electricity have a slight increase. Professor R. V. Perry, Director of Evening Classes, expects a few more men to enroll within the next week. Figures from the office give the approximate registration to date at about 960. This is about 200 less than were enrolled one year ago at this time.

The final enrollment figure will probably reach 1,050.

## Professor Hendricks Recovers Stolen Car

Professor Hendrick's auto was stolen last week from the front of the La Salle street station. A few days later he received notice that the car had been recovered and could be procured at Morris Eller's garage.

Professor Hendricks states that the auto was returned in good condition, but a brief case containing books and valuable papers was missing.

## Method of Nomination Decided on by Sophs

A meeting of the Sophomore Class was held last Monday in the Assembly Hall at 9:30. It was presided over by last year's president, R. W. Carlson. The first point of business taken up was the method of nomination for this coming year's officers. According to the general consensus of opinion of those present the system of nominating from the floor as used last year in addition to not being fair was a creator of too much disturbance.

After fifteen minutes of heated wrangling, the men decided to follow the plan of the upper classes and have nominations made by petition, thirty names being required to nominate a man for an office. The suggestion of forming tickets was emphatically voted down. The election will be held tomorrow from ten to three.

The members of the election committee for the Sophomore Class follow:

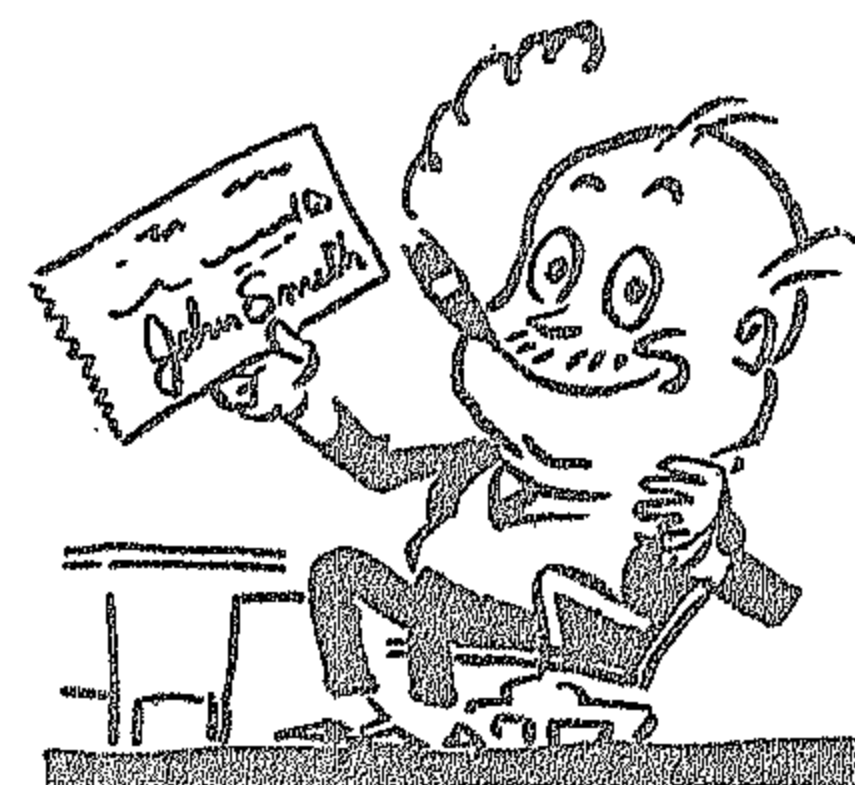
O. W. Staib, Chairman  
E. L. Curran  
J. R. Pechman  
T. D. Luckett  
J. R. Duncan

A very interesting picture of the Burnham Library is included in the October, 1930, issue of the Western Architect.

Students at Amherst formed a pool and bet on the numbers of the hymns to be sung in chapel.

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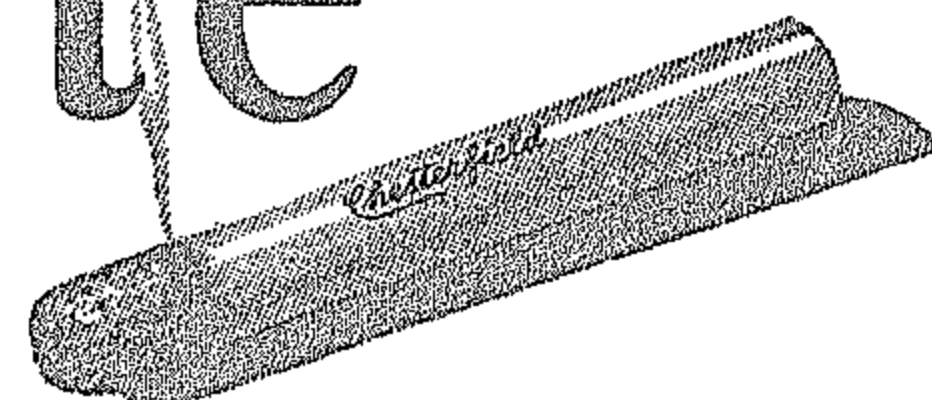
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and  
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## FRESHMEN NOSE OUT SENIORS FOR BASEBALL TITLE

### Airtight Pitching Feature of Championship Battle

#### FINAL COUNT IS 1-0

A solitary run in last Wednesday's game between the freshmen and seniors decided the school interclass baseball championship. This run scored by the freshmen gave them the crown while the seniors, conquerors of the juniors, were obliged to accept a goose egg and depart from the scene with long drawn-out faces.

This game evidenced that the class of '34 is a blessing to Coach Krafft for in all probability, several varsity aspirants are sure to be in the ranks. The work of Yuknis, Huntman, Lillis and Moskowit was highly commendable.

#### Five Letter Men

Despite the freshmen's overwhelming victory over the sophomores, all odds were against them in Wednesday's conflict. The senior line-up was composed of five varsity men all of which had at least two years' experience.

The game was largely a pitchers' battle. Mago hurled for the seniors while Huntman did the tossing for the frosh. Only five hits were registered in the entire game, two by the freshmen, both of which came in the first inning when the run was scored, and three by the seniors.

#### Exciting Fourth Inning

During the first three innings the game provided no thrills and progressed in the come and go fashion. Huntman limited the opposing batters to infield putouts and pop-ups while Mago registered strikeouts and infield balls. After the first inning, Mago faced but three batters in each of the remaining innings.

With the game three-fifths underway, the seniors came to bat in the last of the fourth inning. For the first time in the game, the freshmen realized that their one run lead was sufficient to overcome the older school mates and a new determination crept into them. This fourth inning was marked with the most exciting scenes in the game.

#### Stehno Doubles

Stehno was the first man to approach the plate for the seniors. After fouling on numerous occasions he finally connected with the ball, hammering it over the right field fence. Robin followed Stehno and with the count three and two on him he allowed a wide ball to pass him giving him a free trip to first. Miran batted next and received a scratch hit by placing the ball between the pitcher's box and first base. As no one was on the initial bag to receive the ball when Tad Omiecinski fielded it, Miran was credited with a hit.

#### Bases Loaded in Fourth

O'Connor came to bat as the fourth hitter in that inning. He was retired when Lillis took his pop fly. Schohl followed O'Connor and struck out. When the final strike ball was pitched to Schohl, Miran took a big lead off from first, and appeared an easy target. Yuknis immediately pegged the ball to first. Omiecinski made a meager attempt to put him out and shot the ball back to Yuknis in time to tag Stehno who was racing home from third with the run that would have tied up the ball game.

Up until the fourth inning Huntman had registered but one strikeout. The bulk of his strikeouts were made in the last two innings.

The seniors made a final attempt to score in the fifth inning when Mago reached second base on an error. Huntman's performance, however, was far too effective for all of the outs in the final inning were recorded through strikeouts.

In the first battle for the interclass baseball championship, staged last Monday, Oct. 6, the sophomores were badly defeated by the frosh, 9-1. Contrary to custom, the sophs were eliminated this early in the race. The frosh with Huntman on the mound showed pep, determination and baseball experience, while

## Boxing Practice Well Under Way

Armour's 1930 boxing team will be managed by E. N. Cannon, M.E., '32. The announcement was made at the boxing team's regular practice last Friday evening. The appointment was made by Professor Schommer, who selected him from a number of applicants.

To date fourteen candidates have signed up. Several other candidates will in all probability register as the number is expected to increase to 20.

Despite the large turnout of pugs, there is a shortage of heavyweights, bantamweights and featherweights. Most of the men that have reported range between 135 and 165 pounds. This condition, however, seems to exist in most all of the other colleges. Many of the schools which have heavyweights on their boxing teams are more handicapped than benefited, however, for only few heavyweights, who possess real boxing skill seem to dwell in the surrounding colleges.

Should Armour produce one fairly good heavyweight, it is obvious that many victories would be attained by this man. Sol Weissman, pilot of Armour's team last year will again assume his coaching duties with the leather pushers. One of Weissman's most important points in his talk to the prospective candidates was that every man must keep in condition. Previously, boxing skill was the only requirement of any importance, but this season the new ruling will bear as much weight as the other.

The fourteen men listed on the boxing team thus far are Captain Ustryski, 150 pounds; G. Palmer, 145 pounds; Wm. Graham, 155 pounds; Heckmiller, 155 pounds; Dan White, 165 pounds; L. D. Davidson, 167 pounds; A. Montesano, 114 pounds; Sandstrom, 125 pounds; V. Minnick, 140 pounds; S. Milevski, 145 pounds; H. P. Rush, 165 pounds; J. Donnelly, Campione and Koko.

An undergraduate questionnaire and a faculty survey at Ohio Wesleyan favor the scrapping of the student honor system because of its manifest operating defects.

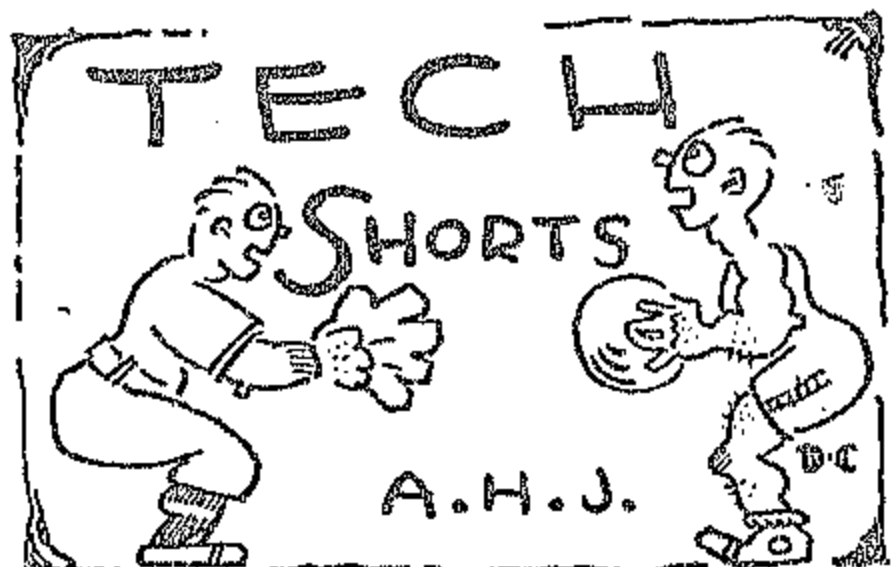
the class of '33 showed lack of organization and strength.

#### Box Score

Freshmen—1:	AB.	R.	H.
Reeds, cf.	2	0	0
V. Omiecinski, 3b.	2	0	0
Lillis, 2b.	2	1	1
Moskowit, ss.	1	0	0
T. Omiecinski, 1b.	2	0	1
Costanes, rf.	1	0	0
Henke, rf.	1	0	0
Lodeski, lf.	2	0	0
Yuknis, c.	2	0	0
Huntman, p.	2	0	0
	17	1	2

Seniors—0:	AB.	R.	H.
Pepe, rf.	3	0	0
Michalski, cf.	2	0	1
Stehno, 3b.	2	0	1
Robin, lf.	1	0	0
Miran, ss.	2	0	1
O'Connor, 1b.	2	0	0
Schohl, lf.	2	0	0
Drigot, c.	1	0	0
Mago, p.	2	0	0
	17	0	3

Error: Moskowit. Two-base hits: Stehno, T. Omiecinski. Strikeouts: Mago, 6; Huntman, 5. Hit by pitched ball: Drigot, Moskowit. Bases on balls: Huntman, 1. Umpires: Owen, Grundstrom. Time of game, 55 min.



#### The Great Stehno?

Our opening salutation this week is about a lad named Stehno. As is generally known, Stehno is a first string pitcher on the Tech baseball team. He has won fame and three major letters in baseball at Armour. Still this did not prevent him from trying to steal home for the biggest bonehead play of the interclass baseball series. For three innings the frosh kept the seniors away from any kind of a scoring position. Then up came Ed with his big bat in the fourth inning to pole out as clean a double as has been hit in Ogden Field. Robin followed with a walk. Miran stayed around long enough to make a scratch hit and fill the bases. Thus the situation stood—bases loaded with none out. O'Connor, perhaps a cousin of the frosh pitcher, popped out in back of first base for the first out. Schohl was then striking out while Stehno conceived the idea of running home. He ran as the catcher threw to first base. He was nearly home, about twelve feet from the plate, when he was tagged out for the third out to end the senior rally. Thus history repeats itself as frosh win an interclass championship.

#### Managers Wanted

Various manager positions are open to junior and senior students. Applications for these positions should be made in writing to athletic director, John Schommer.

Coach Krafft will issue a call for basketball candidates in the second week of November. At first, practice will be held in the Armour gymnasium. After several weeks of practice the squad will move to the Eighth Regiment Armory, where they will have a regulation floor to play on.

#### U. of C. Passes

As in the past, Tech students will have the opportunity of ushering at the University of Chicago football games. Passes will be issued each week by C. J. Robin, who is in charge of the distribution.

Interclass sports will suddenly begin again this week when practice for the annual basketball series will get under way. The championship will be decided on Tuesday, October 28th. Coach Krafft has moved the dates up to cause the interfraternity series to be concluded by the Christmas holidays.

## Armour Students to Usher U. of C. Games

Usher passes will be issued to Armour students for the Florida-University of Chicago football game next Saturday. The list will probably be posted tomorrow or Thursday for applicants for the positions. Any men who fail to appear or who are late will jeopardize Armour's chance of getting the same number of passes the following week.

Spring vacation should be cut from ten to three or four days, says a petition to the administration by students of the Ohio State university.

## INTERCLASS CAGE PRACTICE BEGINS TOMORROW NIGHT

### Managers Must See Coach in Order to Get Game Rules

#### FIRST GAME OCT. 23

The annual inter-class basketball practice will start tomorrow night. This will lead to the championship game which will be played on Tuesday, Oct. 28.

Each team is asked to select a manager, who will see Coach Krafft at noon on the day his team is to practice to receive a ball and instructions. The practice time will be between 4:30 p. m. and 6:00 p. m.

The first game will be between the juniors and seniors on Thursday, Oct. 23. These games will start at 5:00 p. m. sharp and will consist of seven-minute quarters with two-minute rest periods, and ten minutes between halves.

Last year's championship was won by the class of '33 who defeated the class of '31 in the final game to the tune of 23 to 14.

The following is the schedule for the practice nights and games to be played:

#### Practice

Seniors—Wednesday, Oct. 15th.  
Juniors—Thursday, Oct. 16th.  
Sophomores—Tuesday, Oct. 21st.  
Freshmen—Wednesday, Oct. 22nd.

#### Games

Seniors vs. Juniors, Thursday, Oct. 23rd.  
Sophomores vs. Freshmen, Friday, Oct. 24th.  
Championship game, Tuesday, Oct. 28th.

## Tennis Schedule Lists Play-Offs

The number of contestants in the school tennis tournament has increased to 70 and a schedule of play-offs has already been compiled by Manager Eddy. The schedule is now posted on the bulletin board. All men listed are obliged to be governed in accordance.

The play-offs in the first round must be completed by October 20. Any team failing to play their set, will be disqualified from further competition. Results of each match should be posted on the card bearing the schedule.

## Golf Tournament to Be Left Till Spring

Arrangements for the fall golf tournament have been canceled, as announced last Friday, and left to materialize next Spring. It seems that after a long winter of indoor and miniature golf, a greater number of contestants yearn for the outdoor courses, and participate with revived interest.

## Leading Flyweight to Thrill Armour Pugs

Ernie Peters, leading contender for the flyweight championship of the world, will put on an exhibition at the Armour Gym on Friday, October 17, at 5:00 p. m. All students are invited to attend. He will spar with some of our boxers, and will also do rope skipping and bag punching.

## SUCCESSFUL YEAR EXPECTED BY OUR SWIMMING SQUAD

### Captain Knox, Davidson Form Nucleus of The Mermen

#### TRAINING HAS STARTED

Arrangements are now in progress for the formal entry of the 1930-1931 swimming season, which as usual, is expected to be a highly successful one.

The manager has not yet been named, but according to Captain Knox, Davidson, who has served with the squad for a number of seasons, will probably occupy the managership.

A call for new candidates will be issued by Captain Knox next week, at which time more definite information in regards to the status of the team will be available.

The two star performers whose absence will be felt most are Trognitz and Strauch, both of whom were lost by graduation. They were consistent first place winners, as may be judged by the fact that each at some time, was honored with the position of captain. Trognitz's event is expected to be well handled by Jack Cavanaugh, who placed second to Trognitz in every meet.

The position of fancy diver, held by Strauch, is as yet in doubt.

A sufficient number of lettermen are expected to return, however, thus brightening the prospects of a promising season. After the manager is chosen, a schedule will be drawn up and training started immediately.



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