



## LARGE ATTENDANCE AT FROSH SMOKER FRIDAY THIRTEENTH

### Schommer, Amsbary and Freshman Orchestra Featured

## DEANS SUPPLY SMOKES

Over one hundred men were present at the Freshman smoker held last Friday, "the thirteenth," at the W. S. E. headquarters in the Engineering Building at 205 West Wacker Drive. This has been the first time that the freshman class has had a chance to really get together. The success of the affair may be credited to L. A. Callen, social chairman, who for the last few weeks has been strenuously engaged in gathering together the talent presented.

Professors Schommer and Amsbary were the speakers, and many freshmen, for the first time, became acquainted with these two delightful personalities. Professor Schommer gave one of his famous "informal chats" and the humorous sketch presented by Professor Amsbary "brought down the house."

### Popular "Hits" "Rendered"

The Freshman Orchestra, now comprising about fifteen instruments, practiced especially for this event for two weeks in advance. Led alternately by Ted Cherwin and Bert Petersen, they "rendered" a group of popular "hits," among them: "Yours and Mine," "Something to Remember You By" and others. The orchestra includes: J. Cramer, C. Cunningham, J. Tamney, N. Krause, N. Colburn, C. Wilson, C. Johnson, D. Traver, R. Ekroth, J. Rodighier, T. Peavy, B. Hemmich, W. Gunderson and the two leaders, B. Petersen and T. Cherwin.

Cigars and cigarettes, furnished by the deans, and refreshments in the way of ice cream and cookies added to the completeness of the occasion.

The intimation that the present freshman class is lacking in class and school spirit seems unfounded in view of the large attendance.

## Paper Needs Writers; Call for Soph Scribes

The Armour Tech News is in need of some reporters from the sophomore class. There is an excellent opportunity for men in the sophomore class to gain some valuable experience while doing enjoyable work.

It is a well-known fact that the reporters know more about the school than any other group. Their weekly reporting allows them to contact many of the members of the faculty that they would know nothing about otherwise.

In later life when many of you sophomores will be called upon to list your extra-curricula activities in applying for a job, this newspaper experience will seem like a godsend.

There is still a good opportunity for a few outstanding sophomores, with or without experience, to make their mark in the Armour journalistic field as represented by the News.

## Professor Ensz Out Because of Illness

Professor Herbert Ensz of the department of civil engineering was absent due to illness last Tuesday and Wednesday. Professor Ensz has not been feeling well lately but did not find any concrete evidence of sickness until a week ago last Sunday. At this time he had a bad attack of a stomach disorder which caused him to seek the aid of the University of Chicago Clinic. Professor Ensz was quite profuse in his praise of the efficiency and treatment of the University Clinic.

## Junior Marshals Set For Election

Three men, J. B. Dirkers, F. P. E.; H. P. Richter, C. E., and R. F. Waindle, M. E., have succeeded in obtaining the required number of thirty names on their petitions for the office of Junior Marshal.

As a result their names will appear on the printed ballots at the election to be held this Thursday in Science hall of the Main Building. Votes will be taken at any time between 8:30 and 4:00, thus giving ample time for every Junior to vote. At least one member of the election committee will be present at all times during the day. This committee is composed of O. G. Linnel, Ch. E., chairman; P. H. Blom, Ch. E.; C. N. Cannon, M. E.; E. A. Scanlan, F. P. E.

This is a change from the regular method of election. Formerly, a class meeting was called for the purpose, but this was not exactly satisfactory. The new method should be an improvement, for each nominee had to work to get his petition filled and each Junior will have ample time to vote.

## Federal Street Scene Of Battle

Snow of the exact consistency for snowball manufacture furnished ammunition for a noonday battle on the campus last Thursday. No personal or property injury was reported, although the observers at the library windows noticed several losses of dignity.

The occasion for the battle was the necessity of defending the Armour Institute honor from two or three small boys, but the warfare grew to more impressive proportions as new recruits came onto the scene from the Armour Lunch-room.

At the height of the fray four divisions held the four corners of Thirty-third and Federal streets, with all the participants hurling at anyone in range. An aerial attack from the windows of Machinery Hall caused some consternation among those on the ground who were busy enough as it was with well-packed missiles, describing arcs and parabolas all about them.

The free-for-all lasted until the bell for one o'clock classes called for a cessation of hostilities.

## Senior Fire Protects See Newspaper Plant

Senior Fire Protects had a fine opportunity to come in contact with the methods of fire prevention peculiar to certain establishments when they inspected the systems adopted by the Daily News on their regular Friday trip last week.

Owing to the various inflammable materials used in actual production of newspapers and to those incident to maintenance requirements, many precautions have to be taken that would be unnecessary in the ordinary run of loop buildings.

Paper and chemicals used in type cleaning and rotogravure work present hazards both in storage and during use. Arc lights for photo-printing, and molten metal used in linotype and matrice-casting machines are other sources of danger from fire.

Professor Holmes led the men. The trip was taken enthusiastically by everyone, interest being maintained throughout—an interest that was in no way minimized by the fact that many railways send their trains along tracks right underneath the News building.

### TAU BETA PI MEETS

A meeting of Tau Beta Pi, honorary engineering fraternity, was held in the Tau Beta rooms yesterday. It is expected that the spring pledges will be announced the early part of next week.

## SENIORS WILL SEE HAWTHORNE PLANT OPERATION TODAY

Members of the senior class in the departments of Electrical, Chemical, Mechanical and Civil Engineering are guests today of the Western Electric Company of Cicero, Ill.

As the company has done in the past, the seniors are to be shown the departments which interest their particular line of Engineering the most. The embryo engineers will be escorted by men of the engineering staff in small groups so as to permit better attention. Professors from the school who are accompanying the Engineers are D. P. Moreton, H. MacCormack, W. J. Bentley, L. E. Davies, A. W. Sear, R. J. Foster, W. C. Krathwohl, V. E. Teach, J. S. Thompson, E. C. Grafton and J. M. Jacobson.

### All Day Trip

The trip, an all day inspection affair, is novel in that at noon, the assembled seniors will eat dinner as guests of the company and then be entertained with talking pictures. After this the 125 engineers will continue their inspection of the plant.

The seniors in Fire Protection Engineering will inspect the plant at a later date under Professor Finnegan.

The various processes will be explained in detail, such as cutting of insulating material by diamonds, winding of armatures and the various technical systems of tracing out wires and leads.

### Visit Research Lab

Of particular interest will be the research laboratory where new processes, devices and arrangements are discovered by the research engineers and electricians. While the trip will run closely to the line of Electrical Engineering, the other necessities of the plant will be highly interesting to all students.

## Electricals Schedule Speeches by Juniors

Next Friday's A. I. E. E. meeting will commemorate the one hundredth anniversary of Michael Faraday's death.

There will be a special program, including talks by several of the students. T. A. McGill will talk about Faraday, and M. J. Schinke will tell the story of Joseph Henry, who did work along the same line as Faraday. Michael Faraday, who lived in England, and Joseph Henry, who was a native of the United States, were both renowned physicists and were far ahead of their time in the research into electrical phenomena. Programs in honor of these men are being given by most of the student branches of the A. I. E. E. throughout the country. All electricals are heartily urged to attend this meeting for it will be both interesting and educational.

## Freshman Dance Will Be Held on April 10

The peak of the Freshman social season will be reached on April 10. On that date the Freshman Dance will be held at the Illinois Women's Athletic Club at 823 N. Michigan. It will take place on the thirteenth floor and will begin at 8:30. Music is to be furnished by Elmer Kaiser and his Northwestern Ramblers.

Bids will cost \$2.50 and will be on sale today. Any class officer or member of the committee will be glad to sell bids at any time. They like the feel of the money even if they can't keep it. The class officers are:

R. Cheatham, President.  
D. S. Manson, Vice-President.  
F. Lowry, Secretary.  
R. Drum, Treasurer.  
The committee is composed of:  
L. A. Callen, Social Chairman; L. Lynch, T. Peavey and E. H. Peter-sen.

## Tech News Will Hold Straw Vote

One week from today the Tech News will run a straw vote on the coming mayoralty election. A ballot will be distributed with each copy of the News to be marked and returned at the same time. One week later, the Tuesday preceding the election, the News will announce the candidate that received the most support from the student body.

The Armour Tech News has a two-fold purpose in running this straw vote. First, there is the idea of promoting a greater civic consciousness on the part of the students; and second, there is the thought of comparing the ideas of the men in school with those of their brothers, the men of the street. An unusual amount of interest in the election is shown by the arguments that take place daily at Armour and at the Art Institute. But next Tuesday the school will settle all these arguments at our polls.

## McCormack Best Schmier-Kemiker

The Schmier-Kemiker trophy, coveted award of the Armour Branch of the A. I. Ch. E., last week passed into the hands of Ralph H. McCormack, a special student in the chemical engineering department.

The traveling trophy, which is presented to students who enhance the beauty of the laboratory walls and ceiling with their preparations, was given to Ralph for his exceptional work on a nitration experiment. Ralph's story, which was believed by some, was that the agitator ceases functioning with the result that the experiment "got away from him."

Late comers to the scene missed the fireworks, but enjoyed the spectacle of D. S. C. Ullock throwing lime at the ceiling in an attempt to neutralize the acid which was dripping therefrom.

## Chemical Fraternity To Meet On March 19

Phi Lambda Upsilon's annual smoker will be held in the Tau Beta Pi rooms on Thursday, March 19. The time was decided on at a meeting held last Friday. Phi Lambda Upsilon is composed of the shining lights of the Chemical Dept. There will be plenty of smokes and refreshments for everyone. Let's have a representative crowd out next Thursday.

### Calendar

#### Thursday, March 19

- 2:00 P. M.—Alpha Chi Sigma meeting in P. L. U. rooms.
- 7:30 P. M.—Phi Lambda Upsilon in Tau Beta Pi rooms.
- 7:30 P. M.—Track-Bankers Relays at the 124th Field Artillery Armory, 53rd Street and Cottage Grove Avenue.

#### Friday, March 20th

- 10:30 A. M.—A. I. E. E. meeting in Room D of the Mission.
- 1:00 P. M.—Code practice of the A. R. A. to be held in the Radio Station.
- 5:00 P. M.—Boxing—Loyola vs. Armour in the Armour Gymnasium.

#### Saturday, March 21st

- 3:00 P. M.—Swimming—Armour vs. Illinois Wesleyan at Bartlett Gymnasium.
- 7:30 P. M.—Armour Invitational Track Meet at Bartlett Gymnasium.

## ANNUAL ARMOUR INVITATION TRACK TOURNEY SATURDAY AT BARTLETT GYMNASIUM

### Expect Two Hundred Athletes From Middle West Colleges to Compete In Events

## TECH RELAY SQUAD ENTERS BANKERS' MEET

## Engineer Will Be Distributed Soon

The next issue of the Armour Engineer will be ready for distribution some day this week or the early part of next week. Earle G. Beason, M.E., '25, is the author of an article on "Chicago Type of Bascule Bridges," appearing in the coming issue. The other features are an article on Conduction of Electricity Through Metals by Professor Thompson of the physics department, a discussion of Fire Hazards in Aeroplane Hangars by H. S. Holt, F.P.E., '31, and the second of a series of two articles by Professor Roesch on Aircraft Engines. The cover design is by S. B. Cone, sophomore architect. It is a reproduction of the "333" building on North Michigan avenue.

### Wins Annual Awards

That the Armour Engineer is among the best of this type of college publications is shown by the fact that it carries off a large portion of the prizes offered each year by the Engineering College Publications Associated. The Engineer is the official organ for the publication of results of extra-curricular investigations and research carried on by the students, faculty and alumni of the Institute.

## Class Announcements Displayed by Seniors

Senior announcements are now being displayed by the members of the committee. There are two types of announcements from which to choose.

The paper type of announcement has a white embossed cover tied with a white tassel. The cover design consists of a reproduction of one corner of Armour Mission combined with the school emblem, the word Armour, and the number 1931.

### Design Attractive

The other type of announcement has an embossed black leather cover with the same design on the cover, but part of the background and the letter A of the word Armour is in gold. The leather covered announcement is by far the better looking of the two. The leather bound cost 50c apiece, while the paper covered cost 25c apiece.

The inside of both announcements will list the names of the graduating class as well as the name of the individual sending it.

Orders may be placed with any of the following committee members:

Art Jens, Chairman; M. J. Lamka, F. F. Strassenberg, C. M. Westerman and R. H. Windbigler.

## Fraternity Council Discusses Trophies

Eight representatives of the various fraternities were present at the monthly meeting of the Interfraternity Council held last Wednesday at two o'clock at the Tau Beta Pi rooms.

The disposition of the basketball and sing trophies were discussed. The Basketball Cup is now held by the Phi Pi Phi's and the holder of the Sing Cup will be decided during Junior week.

It was voted that each fraternity contribute a dollar and a half to replenish the treasury.

Armour's Third Annual Invitation Track Meet will be held next Saturday at Bartlett Gymnasium at 7:30 p. m.

The following colleges will probably be entered in the meet: Crane, Chicago "B," Beloit, Lombard, Milliken, Illinois Wesleyan, Culver, Loyola, De Paul, "Y" College, Chicago Normal, Wheaton, Butler, North Central, Concordia, North Park, Thornton, Knox (Galesburg), Monmouth, Mooseheart, Morton, Elmhurst, Lake Forest, Wisconsin State Teachers, Marquette and Armour.

The eligibility of the contestants will be governed by the rules of the institutions from which they come. The National Collegiate rules will be adhered to in the judging of the events.

### Ribbons Awarded Winners

Points will be awarded to the winners of the first five places in each event, as follows: first place, 10 points; second place, 8 points; third place, 6 points; fourth place, 4 points, and fifth place, 2 points. Ribbons will be given to each place winner. There is no entrance fee nor fees of any other kind connected with the meet.

The events will be as follows: 50-yard dash, 50-yard high hurdles, 440-yard dash, 880-yard run, one and two mile runs, high jump, shot put and pole vault. An eight-lap college relay may be included if enough schools apply for it.

About two hundred athletes are expected to enter the meet. Armour will probably have twenty men competing.

### Armour Won 1930 Meet

Last year Armour won the meet, scoring 61½ points, more than twice the amount Chicago's "B" team had for second place.

Next Saturday, the yellow and black squad will not be as successful because of the loss of Don Paul, Sturm and Kara. These three men scored 31 points for Tech last year. Don Paul won first place in the shot put with a heave of 46 feet, 9 inches, tying the Bartlett Gym record. Sturm tied for first place in the 440 yard dash and Kara placed third in the high hurdles.

The following men will probably compete for Armour: Captain H. L. Fox, Hirsch, Helmick and Nelson, 440-yard dash; A. Jens, sprints; Captain James Iverson, Podilpec, Sademan, Kutteruf, Holland and Barnett, distance men; C. Jens, Miran and Krause, shot put; Oberbeck, hurdles; Setterberg, high

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## Armour Radio Station Described By Squires

The circuits of the transmitter and receiver of the Armour Radio Station, W9YW, were described by E. G. Squires, E.E., '31, the chief operator, at a meeting of the Armour Radio Association, held last Friday at 10:30 in the Physics Lecture Room. The transmitter employs a UX352, 75 watt transmitting tube with a tuned grid-tuned plate circuit, using a power supply furnished by a motor generator set.

The frequency of the transmitter must be checked at frequent intervals, in order to comply with regulations of the Federal Radio Commission.

Arrangements were made to hold code practice next Friday at one o'clock for any beginners interested in becoming licensed operators. The practice will be held at the station in the Chapin Hall, second floor.