

## Graduates Choose Research Problem

In the Chemical Engineering Department of the present semester there are four graduate students. Three of them, R. Marty, D. J. Mullane and W. E. Gunderson, are Armour graduates of last year's class. The other, William Lewis, comes to us from Notre Dame.

The subject of heat transfer in a vertical tube between condensing steam and water is being investigated by Mullane and Lewis. Gunderson is studying the conditions favorable for the nitration of certain organic substances. Marty is investigating the pyrolytic reactions of ammonium sulphate with the ores of certain metals.

### Evening Students Do Research

There is also a group of graduate students in the evening class who are doing research work with Dr. Barr in the flow of heat.

This class is composed of Morris and Tarman, Armour '30, Lomasney, Armour '33, Carman, Loyola '33, Hill and Schultz, Colorado School of Mines. Eight hours per week for thirty weeks are devoted to this work and two units of graduate credit are allowed upon its completion.

In the Electrical Engineering Department, there are four men registered for graduate work. Two are from Armour, A. B. Bronwell and Frank Woodsmall, T. J. Lehane is from the University of Manitoba, and A. G. Tescherson is from Lewis Institute. The subjects for theses have not yet been chosen.

### Civil Department Has Three

Three Armour graduates are enrolled in the Civil Engineering division. They are: W. E. Downes '26, J. E. Schreiner '34, and E. H. Smith '34. A. Hill, U. of Illinois '31, and M. M. Kaminsky, Purdue '30 are also registered. All have B. S. degrees in Civil Engineering; Kaminsky also having an Electrical Engineer's degree.

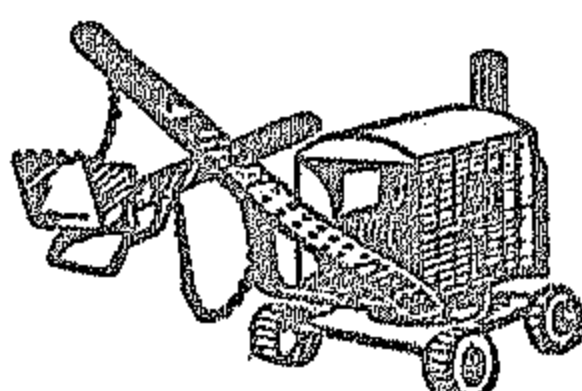
### Two at Art Institute

Two mechanical engineers, James Clear and A. Wolgemuth of Armour, are registered.

At the Art Institute, Armour has two graduate students, R. B. Tague '34 and R. J. Schwab '34.

All courses consist of highly specialized work in the field in which the B. S. degree was obtained and lead to a higher degree. A thesis must be written on some research problem, according to the rules of the institute, before obtaining a Master's degree.

## THE STEAM SHOVEL



Tom Jones, the otherwise estimable senior, discovered at four o'clock Friday that he hadn't eaten his lunch for the day—and so all we can say is, who is she, Thomas?

Prof. Hank Nachman conservatively estimated that a person at rest gives off between 300 and 500 B. T. U. per hour. But skeptical senior mechs would like to see Henry run tests on Mae West. Reserved seats only!!

In case you haven't seen JOHNNY ROBERTS in his brand new second hand \$8.00 suit of loud check tweed, you're missing something. "It wasn't so much the fit," says John, "but just think of the economy."

Active campaigning on the western frontier has been started by the soph rough riders.

Freshmen flashes show the loss of five moustaches, two dozen pairs of pants, and three green caps.

The Steam Shovel would like to know whether CURTIS BRISTOL'S attack of religion was permanent, or due just to the witchery of that dark eyed Southern gal from Louisville.

So far NELLE STEELE is doing a pretty good job of keeping her new year's resolution . . . not to expel the "irrepressible" book worms. Keep up the good work, Nelle!

## OTHER CAMPUSES

Thirty-five hundred freshmen! That is the number of "skins" which this year invaded New York University. We'll wager there are no cocky sophomores at that school.

Enrollment at South Dakota State college showed an increase of 12 per cent over last year. The freshmen class showed an increase of 50 per cent.

A University of Kentucky student attended a geology class for two weeks before he discovered that it was not a German class.

The official uniform of the Carnegie Institute of Technology band is the Scotch kilt.

Football practice was abandoned temporarily at the University of California at Los Angeles when the temperature soared to 98 degrees the other day.

A student at the North Carolina State college has built an automobile smaller than an Austin. The automobile has a wheel base of 59 inches, is 37 inches wide, and is driven by a motorcycle motor. The total cost was about 40 dollars.

A rat that has learned to do tricks is the proud possession of the psychology department of the University of California. It has been named "Miss Major."

Irvine Warburton, University of Southern California All-American grid star, has been rejected for a role in a football picture because he "doesn't look like" a football player.

Dean H. B. Mathews, professor of physics at South Dakota State college, has been using the same desk in his lectures for fifty years. He

## A.I.E.E. Plans for Extensive Season

In order to give its members a chance to suggest plans for the coming year, the first regular meeting of the American Institute of Electrical Engineers has been called for Friday, October 12. The place of meeting will be announced later.

The recent election placed the organization under the leadership of L. F. Higgins, president; A. Auge, vice president; A. Petrakis, secretary; and L. A. Cullen, treasurer.

Since all social events of last year were so successful it is planned to suggest that the group's activities be directed along the same lines this year.

The major portion of the society's program for the coming season will consist of addresses by speakers whose interests are closely allied with those of the members of the A. I. E. E.

All sophomores, juniors, and seniors enrolled in the electrical engineering department are invited to attend its meetings.

is to be presented with a new desk this year.

Francis Perkins, Secretary of Labor, was known as Fanny Cora Perkins when she was a member of the Mount Holyoke college class of 1902.

The department of bacteriology of Akron university paid students 1600 dollars for blood transfusions last year.

Freshman coeds at DePaul university are protesting vigorously against wearing green berets. One petite blonde miss states, "My perfectly ducky outfit is blue. Blue with a green beret! And such a green! The effect will be ruined—absolutely ruined!" Another dignified and statu-

## Effort Made to Place Graduates

William N. Setterberg, head of the Placement Bureau reports that contacts have been made by the bureau with the Federal Housing Administration, the Home Owners Loan Corporation and the Public Works Administration. The results of these contacts have revealed the fact that experience is the largest factor in employment. The heads of the respective administrations have informed Mr. Setterberg that while positions with the administration directly are not available, there would probably be a great demand for engineers and architects by the contractors who do the actual work.

Among those graduates who have been placed by the Placement Bureau are Lawrence Frateschi, E.E. '34 with the Northwest Engineering Company; B. M. Kostenko, C.E. '34 with the Sueski Brass and Copper Company; M. A. Lukas, F.P.E. '34 with the Western Factory Insurance Association; E. M. Wojtasik, M.E. '34 with the Sinclair Refining Corporation of North Dakota; and T. J. Westerberg, C.E. '32 who is now teaching at the Morgan Park Junior College.

ly brunette wails, "I can't possibly wear that hideous cap. It's so dreadfully silly! Why what will people say!"

Blue will have to be worn with green and the caps will have to look silly or else. The penalty for non-compliance is a ducking in the Lincoln Park lagoon by the sophomores.

On Oct. 9 a non-shaving edict goes into effect at South Dakota State college and lasts until Hobo Day on Oct. 27. It'll be tough on the coeds!

Davidson college of Davidson, N. C. recently celebrated its ninety-seventh anniversary.

## Fraternity Notes

### TRIANGLE

Brother Kendall, formerly a student at the University of Illinois, is now coming here to school.

This last week-end witnessed the arrival of several of our brothers from out of town. They are delegates to our Regional Chapter School. They attended our dance, Saturday.

Brothers Lind and Alexander visited the house last week.

Brothers Smith and Schreiner are studying for their Master's degrees.

### DELTA TAU DELTA

Now that Rush Week is in full swing the house is seething with activity. One of the numerous events that have been most enjoyed was the dance last Friday. It appears that the week is going to be just as successful as expected.

Mr. Henry Bloch, the professional instructor, moved into the house last Saturday. Mr. Bloch, a former Iowa State college professor, is to live in the house permanently and will place his services at the disposal of any member of the chapter.

Brother Frost, U. of Illinois '31, is living at the house along with

### BETA PSI

With rushing at its height, the brilliant ping-pong and bridge tables are taking temporary precedence over math and logarithm tables. Last Saturday's dance, the first of this year's social season, saw an attendance of a considerable number of actives, rushees, and alumni.

Brother Harry Sterns, national president of Beta Psi was present at a dinner last Friday evening and gave a short talk. Several alumni have been prominent by their presence during the past week.

### KAPPA DELTA EPSILON

Alpha chapter of Kappa Delta Epsilon announce with pleasure the formal initiation of Ian Ikenn, '36 and Bernard Riman. '37.

Last Thursday night a chapter smoker was attended by alumni, actives and pledges, along with a number of guests of the freshman class. This was the first social event of the year and was considered quite a success. Brother Ender has developed his technique as a "croupier" as has been demonstrated by the way he handled the chapter's dime-size roulette wheel.

Pledge brother Sheldon Goldman has departed the campus to matriculate at the University of Illinois.

The house can now boast of a fine pair of snowshoes said to have been donated by Admiral Byrd. Brother Kubert has announced his intentions of using them to negotiate the big drifts which pile up along Thirty-third street during the winter.

## Phi Lambda Upsilon Holds First Meeting

Last Thursday Phi Lambda Upsilon, honorary chemical fraternity held its first meeting of the new year at which time activities for the coming season were planned. Following past customs, the last year's pledges were assigned to make the traditional paddles of the organization. Dr. Tibbals of the Chemical Engineering department was chosen as the new faculty advisor.

Post-graduates W. E. Gunderson, R. W. Marty, and D. J. Mullane are working on fellowships and hope to attain master degrees in the near future.

COMPLETE PLATE  
LUNCH, 30c  
Changed Daily

**ALICE RESTAURANT**  
3117 Wentworth Ave.  
Phone Victory 9806

How Refreshing!

Lucky

They Taste Better

The clean Center Leaves—  
these are the mildest leaves  
They Cost More

"It's toasted"

✓ Your throat protection—against irritation—against cough

It's the taste that counts—that's  
why Luckies use only clean center leaves—  
for the clean center leaves are the mildest  
leaves—they cost more—they taste better.

Copyright, 1934,  
The American  
Tobacco Company