## Armour Tech News

Student Publication of the ARMOUR INSTITUTE OF TECHNOLOGY 3300 Federal St. CHICAGO, ILLINOIS Published Weekly During the College Year

1937 Member

**Pssocialed Collegiale Press** 

"Entered as second class matter December 8, 1937, at 'the post office at Chicago, Illinois, under the Act of March 3, 1879."

\$2.00 Per Year

Single Copies, 10 Cents Each

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April 12, 1938 Vol. XXI.

On behalf of the faculty and members of the student body, we wish to express deepest sympathy with N. Levine whose father recently passed away.

#### Armour Renaissance

"You're going to Armour Institute eh? What is it? A trade school for meat packers sponsored by the stockyards?" Such a query, not so many years ago, would not be infrequent. Our school, it seems, used to be rather reticent about letting people know of itself or of its affairs-operating, presumably on the principle that if you built a better mousetrap the world would beat a path to your door, even if you lived in rundown quarters "behind the tracks." An alert administration saw. 'however, that the world wasn't beating a very deep path to their door, however excellent was the proffered mousetrap. A renovation was in order.

the plant. A program of rehabilitation, still in places.

traternity

Notes

By DOUGLAS MACDONALD

the fraternity editor before noon Thursday

PHI PI PHI

The chapter wishes to congratulate

Brothers Vandekieft and Deuter for

being pledged to Honor A, honorary

For the second consecutive year

the bowling team has won the inter-

fraternity bowling contest. The

team consists of Molitor, Muehlhau-

The ping-pong team lost to Pi

Kappa Phi last week. The men wish

to congratulate the Pi Kap's team

for their victory and fine sportsman-

When the lads discovered that Bill

again had a girl the dance was given

immediately in the hope of further-

THETA XI

Our congratulations to Phi Kappa

Sigma on their recent ping-pong vic-

tory. We hope to do better when

RHO DELTA RHO

night. The men elected were:

Officers were elected last Friday

Edward Morris.....President

Sam Spencer ..... Social Chairman

Sidney Silverman....Rec. Secretary

Leon Epstein ......Corr. Secretary

Harvey Rothenberg....Sgt.-at-Arms

president, received a standing vote

of thanks from the members for an

excellent job well done. Congratula-

tions to brother Harv Rothenberg on

his pledging to Honor A.

Brother Sid Kreiman, our retiring

we meet again this week.

sen, Vandekieft, and Deuter.

ship throughout the game.

ing Bill's cause.

in order to appear in the next issue.

athletic fraternity.

progress, was begun. Broken sidewalks were repaired; crumbling old Chapin was given a new lease on life through extensive improvements; new offices, classroom, washrooms, etc., were built; soot-laden walls were washed and calcimined; in short, the old school took on a fresh progressive air.

The next and most important step was to let people know about the school-its past achievements, what it is now doing, and what it intends to do in the future.

This was done in many ways. A research foundation, headed by a famous scientist and manned by established researchers was organized and put into operation. Besides the added prestige and dignity which the Foundation lent the school, it provided an invaluable means of contact with industries in the engineering field. "Round-table" conference courses whereby representatives of the important industries might gather to discuss their problems were organized. The problems of these representatives were discussed, but more important to us is the implication which must have been left in their minds that here is a "live" school awake to the needs of industry.

A cooperative mechanical engineering course was started. Through this connection with the school, still more industries became "Armour W. Speth. P. Mayer suffered a very low attendance, recently enrolled 2400 students, most of whom are employed by industry during the day--meaning more favorable publicity for the school. This getting Armour into the industrial eye will eventually mean one thingmore and better jobs for her graduates.

> What of the public? Weekly radio talks, glee club concerts in high schools and public places, an active publicity office, enormous issues of the "Armour Engineer" being sent everywhere, advertising literature, etc., are all directed to the fulfillment of one objective—that of informing the public tive soul. about Armour. One of the main purposes of this publicity is to attract more and better students. Already the school is beginning to select; in the last enrollment, many were rejected because the school could hold no more.

In order to gather the reins on these and other other in tones dripping with pathos, similar undertakings the board of trustees has organized a public relations department. The department was really needed, for all such related endeavor should be administered by a single office.

The school has progressed mightily since this promotional program was started. Remember, too, The first step in the renovation was to improve it is barely started. Hold your hats-we're going

#### DELTA TAU DELTA

Tuesday, and the following men were chosen to head the chapter. Bernard Bernstrom . . . . . . President

William Horton ..... Vice-President Richard Street.. Recording Secretary Donald Sunde......Corr. Secretary Bill Scherer ..... Sergeant-at-Arms A vote of thanks was given the re-

tiring officers, especially Bill Laise, who has been our president during the last two years. The Exciter, our chapter newspaper, came out in a swell new issue last week. We also had a house dance last Saturday and a sizzling time was had by all.

#### TRIANCLE

The Armour Chapter of Triangle is pleased to announce the pledging

Robert C. Ericson, Co-op '42 Arthur W. Duree, Co-op '42

Last Saturday evening the Chap-Brother Ed. Smith, '34, of Marion ter held a somewhat unexpected dance. The reason for the dance is Ohio, dropped in last week and spent tied up with Bill Plengey's inability | a couple of pleasant days with us. Last Saturday evening we held a to keep a girl long enough to have her attend one of the regular dances.

rather informal dance in honor of one of the brethren who has, in the past, shown a disinclination to attend the parties given. Brother S., it seems, does not like the girls. On this occasion he was present, intending to complete a drawing plate which was due shortly. That he did not finish it was due entirely to the insistence of a certain group o young ladies who demanded that he join the party. Ed was reluctant to do this and some argument ensued. It was all in a spirit of levity, though, and everyone had a jolly time (except the poor, industrious freshman) Louis Jacobs.......Vice-President | N. B. the brother has become par-Robert Jaffee ............Treasurer | tially converted and threatens libel

## PI KAPPA PHI

action if this is printed—really, Ed,

is that nice?

Alpha Phi chapter takes pleasure in announcing the pledging of: John Brubaker, Co-op '43 Merle Dargel, Co-op '43 Cecil F. Gullett, Co-op '43 Edgar L. Weaver, Co-op '42

### Election of officers was held last Enzymes Discussed At A.I. Ch.E. Meeting

I. I. Kirland, Ch.E. '40 in his presentation of "The Role of the Enzyme in the Production of Alcohol," before the A.I.Ch.E. last Friday, introduced the idea that the enzyme has many forms and purposes; and that it is now being used extensively as an organic calalyst in many biochemical reactions.

The enzymes emphasized were those used in the production of alcohol, primarily, the yeast enzymes. Many different enzymes are present in yeast, each doing a specific part of the conversion of a complex sugar into a simple sugar, and thence into an alcohol. That the yeast, though furnishing the enzymes, takes no part in the reaction has been demonstrated by separating the enzyme from yeast cells, the former still producing the same reaction.

The importance of the enzymes in life as well as industry is indicated by some of the speaker's closing words, "As far as can be told the chemical properties of a substance in living matter are identical with their properties as obtained in the laboratory. The characteristic of substances in living matter is change, and change in a certain definite way. Enzymes are derived from living matter and they induce changes in definite directions in substances of more or less complex nature. It does not require a stretch of the imagination to consider enzymes the essential feature of living matter-since living involves chemical changes in certain directions."

The ping-pong team entered the final bracket by winning their match last Monday. The team is now practicing harder than ever since another victory will mean the cup.

Congratulations to Brother Paul Hoffman on his pledging to Salaman-

Ditto to Brother Winblad for getting the highest line of the bowling tournament.

# The Slipstick

Cleave to the slipstick; let the slapstick fly where it may.

Somewhere in the throng of students milling through the hallowed halls of this institute there stalks a man of destiny, a man whose intellect overwhelms his fellows . . . In short, a chap who might one day drop a contrib in the box in the lobby . . . after all this constant thumbing through back issues is very tough on the eyes . . . In fact anyone contributing a whole \*?!&@œ! column is practically certain to win undying fame as author and gentleman, but, Lord knows, never as a humorist.

We've finally located Yeakle's contrib of three weeks ago. Quote:

In the spring a young man's fancy turns to what the girls have been thinking about all winter. Unquote.

"Consomme, bouillon, hors d oeuvres, fricasse poulet, pommes de terre au gratin, demitasse des glaces, and tell that mug in the corner to keep his lamps offa me moll, see?"

And then there's the guy who become a monk so he could celibate all

Then just to encourage contribs print a verse offered me by Lloyd W. Norkus, who was happily and innocently unaware that it doesn't scan, doesn't rhyme and is, all and all, utterly revolting to a sensi-

Roses are red, your nose is blue; This joke will lay an egg. Can you?

Here I am surrounded by Mechanicals, all of whom are inquiring of each "How do yuh find the area of a rectangle?" "My goodness, does the belt run on the outside of the wheel?" Any chemical will understand the way I'm suffering and why I find it necessary to exit hurriedly.

And incidentally, one does not jest when one asks for contribs, does

der protest.

B(Bo-Peep)R.S.

## Zielenske Talks on Hazards of Oil at F.P.E.S. Meeting

The topic of "Oil Risks" was the basis for a very interesting talk by Mr. W. F. Zielenske that was given to the Fire Protection Engineering Society last Friday. Mr. Zielenske is an engineer for Marsh and McLennan, and is an authority on the subject. He gave a talk before the society about five years ago on the same subject, but the hazards have changed so much that there was very little that was not new.

After giving a brief summary of the history of the oil industry, the speaker proceeded to trace the whole set-up of the modern refining system from the oil field to the finished product. The hazards that are encountered in each step were described and the protective measures that are taken were listed. Many of the processes that were discussed have been invented in the last few years, and were of considrable interest to all of those present.

From the description of the oil fields and refineries, it would appear that there is work for civil, mechanical, and electrical engineers along with the fire protects. Many of the hazards that are found are due to electric and gasoline engines, and their solutions are questions for the juicer or mech. Since such elaborate precautions must be taken in this industry, there are many unique solutions. The use of so many special on as a return address "E. A. 3300 devices calls for a highly trained

In the refineries themselves the problems that are important to the chemicals come into play. The methods for the recovery of the gasoline from the crude oil have been well developed at present, but there are still many problems that are not solved.

The hazards that arise in a refinery proper are due in a large part to the huge quantities of highly volatile products that are made. The hazard of lightning is one of the most bothersome. A very careful plants to practically eliminate this of the equipment for the control of danger, but a constant watch is kept. such hazards.

The possibility of fire originating from static electricity has come in ske told of some of the freak things for much close scrutiny in recent that have occurred while he has been years. The use of chains on trucks engaged in the oil inspection line. Fo'give me, for I do what I do un- in order to provide a ground is a Among these were explosions caused familiar example.

Mr. Zielenske also described the ples of traveling fire.

Judging by the following letter, two sophomores evidently no longer feel the urge to prolong their ignoble lives. The sophs are Natinchek and Norkus. The letter reads:

"We, Natinchek and Norkus, hereby challenge any twenty freshmen (ten apiece) to do battle during the forthcoming freshman-sophomore rush during JUNIOR WEEK, Yea! Youse freshies are sissies."

> (signed) Natinchek & Norkus.

To defend his honor, Benny, ("I'll be-a-tailor's-son-or-bust,") Kirz, recently maintained "The two pants suit is here to stay."

Bob Mead discovered last Friday night, when he bent over to make a snow ball, that Chicago is a windy city after all. In fact, the open seam in the seat of his pants proved quite a spectacle at the Tech News smoker. Yoo-hoo, Bobby.

It's bad enough to write love letters to a sweetheart at Lake Forest college during physics lecture but Earl Anderson outdoes himself by putting Federal St." Did you get it back 'Andy'?

company fire departments that are kept at all large plants. The use of foam is a necessity in the putting out of oil fires, and for that reason there are also large tanks of foam materials at several places on the refinery grounds. The extensive use of auxiliary equipment for double protection was also stressed. Since the gas hazards are among the most important, great care is used whenever there are gaseous materials. The ability of fire to travel in a gas is system has been set up in many of prime consideration in the design

> In closing his speech Mr. Zielenby the presence of iron, and exam-

> > every 2-oz. tin of Prince Albert

