



'Name' Books List Large Number of Tech Professors

Heald Mentioned in All Three Directories

A little browsing around among the books devoted to listing men of accomplishment will reveal a surprising number of Armour Institute faculty members. Two of these books, *Who's Who in America* and *America's Young Men*, are amended and republished every two years, while a third, *American Men of Science*, is revised once in four years. These are the only nationally known books whose scope includes complete listing of people in the United States.

Of these three, *Who's Who in America*, the leading biographical directory of the country, has just distributed its latest edition. Our faculty has eight representatives among the 31,545 names it contains. They are: President H. T. Heald; Dr. H. M. Raymond, President Emeritus of the Institute; Dr. L. R. Ford; Prof. J. C. Penn; Prof. A. H. Carpenter; G. F. Gebhardt, Professor Emeritus in mechanical engineering; Prof. C. E. Paul; and Dr. G. L. Scherger. The records of people whose names appear in this book must show much public accomplishment.

"American Men of Science" Has 29

Among the 26,000 names in the *American Men of Science*, 29 of the Armour Institute faculty are included. They are: President H. T. Heald, Dr. L. E. Grinter, Prof. J. C. Penn, and Prof. M. B. Wells, of the civil engineering department; Dr. H. A. Giddings, Dr. R. Oldenburger, Dr. L. R. Ford, Prof. S. F. Bibb, Dr. W. M. Davis, and Dr. W. C. Krathwohl, of the mathematics department; Dr. H. M. Raymond, Dr. J. S. Thompson, Dr. T. C. Poulter, Dr. P. L. Copeland, Dr. G. E. Ziegler, Dr. T. E. Doubt, Professor Emeritus of experimental physics, of the physics department; G. F. Gebhardt, Professor Emeritus, Prof. P. C. Huntly, and Dr. W. A. Pearl, of the mechanical engineering department; Prof. H. McCormack, Dr. V. I. Komarewsky, Prof. A. H. Carpenter, Dr. C. A. Tibbals, Dr. B. B. Freud, and Dr. R. H. Manley, of the chemical engineering department; Dr. E. H. Freeman, Dr. M. B. Reed, and J. E. Snow, Professor Emeritus of electrical power production, all of the electrical engineering department; and Prof. J. B. Finnegan of the fire protection engineering department.

"America's Young Men" Mentions Nine

Rarest of all are names which appear in the third of these volumes—*America's Young Men*. It contains the names of 6,000 young men from the entire country, men who are forty years or younger. Here the Institute has a brilliant record, for nine of the faculty members are represented in this list. They are President H. T. Heald, Dr. P. L. Copeland, Prof. H. A. Ens, Dr. H. A. Giddings, Prof. A. S. Hansen, Dr. R. Oldenburger, Prof. S. M. Spears, Dr. J. S. Thompson, and Prof. H. A. Vagtborg.

W.S.E. to Discuss Merits Of Engineering Societies

The W.S.E. will hold their next regular meeting Friday at 10:30. There has been no regular speaker engaged for this meeting, since a discussion concerning the relative merits of the W.S.E. and the A.S.C.E. will be held.

At this time a report on this matter will be presented by the committee. Discussion will occupy the balance of the meeting. A number of interesting speakers have been engaged for meetings in the near future.

Plans are being pushed for a proposed smoker. As suggested at the time of the meeting, the event will be held in the first week of November.

Invite Student Architects To van der Rohe Meeting

Architectural students have been given the opportunity to attend the meeting following the Ludwig Mies van der Rohe testimonial dinner this evening. A place has been set aside for them to listen to the proceedings of the meeting, without charge. The meeting is scheduled to start at 8:15.

The dinner is to be held in the main ballroom of the Palmer House and will be attended by outstanding architects from the Chicago area. All students who wish to attend the dinner may obtain tickets at the Art Institute. The price, as announced on the bulletin board, is \$3 per plate.

'Armour Eye' Begins Membership Campaign

Armour Eye extends an open invitation to all students, earnestly and actively interested in photography, to attend a meeting at the organization's headquarters tomorrow. The purpose of this meeting is to enable the club to discover new talent to enrich its membership.

For the past few weeks the Armour Camera Club has been undergoing some extensive remodeling. The club has five rooms in Chapin Hall which when completed will consist of two dark rooms, an executive room, a studio, and an exhibit room. With an appropriation from the A.T.S.A. which is pending, the club plans to get an enlarger and some studio equipment.

Regular meetings are held every Friday at twelve o'clock noon in the studio in Chapin Hall. Monthly night meetings are being planned at which prominent photographers will be guests, to lecture or judge the club work.

Arrangements are being made for picture contests to be held among the members each month. Each contest will consist of two parts, the first being on a general subject and the second on individual subjects which the participant will choose by lot. There will be eight monthly contests in all, and the winners of each of these will compete in a final contest. These contests are expected to contribute new ideas and to encourage a greater interest in club work.

Around the wall of the exhibit room, a rack has been built in which mounted pictures will be shown. The pictures will be replaced each month with new contest pictures, so that a large and changing variety can be shown.

Name H. S. Anthon Chairman of Seniors

At the first meeting of the senior class under the new form of government, the class commissioners and officers were introduced to the class. Harold S. Anthon, as chairman of the commission took over the meeting from W. E. Kruse, class president of the junior year. Anthon then introduced his associate officers who are, namely, T. A. Clark, vice chairman; A. M. Zarem, treasurer; and S. P. Finnegan, secretary. The other commissioners are, mechanicals, R. N. Vandekeiff; civil, C. W. Reh; fire protects, B. G. Anderson; electrical, R. I. Bush; chemical, S. J. Muculeski and E. N. Isakson; and science, E. F. Wagner.

Under the functioning of the commissioner, one commissioner is to be on every one of the senior committees. However, a motion from the floor suggested that because of the many duties of the chairman of the social committee, the position be raised to that of a class officer, and the social chairman be elected by the commission. After much discussion, the motion was dropped. In the rules of the commission it is stated that any senior who wishes to serve on a committee should submit his name to the chairman. Applicants for the committee will be passed upon by the commission and those selected will elect their own chairman.

Dr. Pearl Delivers Paper On Metallography Before Atlantic City Convention

At the national convention of the American Gas Association in Atlantic City, New Jersey, last Thursday, Dr. W. A. Pearl of Armour's mechanical engineering department presented a paper on the metallography of welding high strength structural steels.

In speaking to over 2200 delegates who had assembled, he pointed out the curious fact that the material at the vicinity of the weld invariably has a different tensile strength from that of the original pieces. In the case of low carbon steel, this increases fifty per cent, whereas most of the new alloy steels seem to be weaker at this point. He went on to show some of the problems brought up by this phenomenon.

Dr. Pearl also presented papers to the American Gas Association in Cincinnati and at Washington University in St. Louis last spring. His subject in the former instance was "The Metallography of Welding and the Importance of Training Welders." In the latter instance he spoke on the "Adaptability of Stokers to Domestic and Small Industrial Installations."

Petition Plan To Be Used For Freshman Elections

Last Friday the freshman class officers and election committee, met in the gym to discuss the various methods of carrying on an election. The method they decided on is the petition form of election, in which nominees are admitted to the primary ballot by signed petitions, and elected on a second ballot.

Final details have not been decided upon, but the committee will meet next Friday, and have the complete plan ready for presentation the following week. The committee's aim is to present a system whereby every classmate will have an equal opportunity to be nominated.

Co-ops to Add Kankakee Area To New Group

Arrangements are now being made to admit to Armour its fourth co-operative course in mechanical engineering. In addition to the industrial areas already incorporated in the present cooperative set-up, which includes the Chicago industrial area, the Waukegan industrial area, and the tri-city area, Institute officials, according to L. J. Lease, industrial coordinator for the cooperative course, are planning to include the Kankakee industrial area in the plan.

The course is of five years' duration. Requirements for admission are the same as in the other courses and the degree of bachelor of science is conferred upon those who complete the course.

According to the cooperative plan approximately half the cooperative students are assigned to courses at the Institute, while their partners, constituting the remainder of the group, are employed in the plants and factories of the cooperating industries. The groups are interchanged every two months so that during a given year each student is in college twenty-four weeks and in the factory twenty-six weeks.

A sufficient wage is paid to each student to enable him to meet all of tuition and other fees at the Institute. One of the conspicuous merits of the plan is that it provides college training in engineering for a group of promising men who could otherwise not afford a college education.

The course as applied to the Kankakee area will be the same as in the Chicago area and will provide for resident study at the Institute in a manner similar to that for the tri-city area. Applications of students from the Kankakee area are being received at the present time by Mr. Lease.

Three New Men Made Trustees

On Monday, Oct. 10, James D. Cunningham, chairman of the Board of Trustees of Armour Institute, announced the election of three new members to the board. The new members are Charles B. Nolte, C. L. Rice, and Harold S. Ellington.

The new members are all very prominent in midwestern industry. Mr. Nolte, President of Crane and Co. was born at Mattoon, Ill. He received a B. S. in mechanical engineering from the University of Illinois in 1909 and then joined the firm of R. W. Hunt as engineer, remaining with the firm until 1930. During his employ with this concern he rose from engineer to manager, vice-president, and finally to general manager. Mr. Nolte has been President of Crane and Co. since 1935.

Mr. Rice was born in Pittsfield, Mass. and received his college training at the Massachusetts State College and Boston University. After his graduation, he served one year as junior engineer at the filtration plant of Pittsfield and then entered the Western Electric Co. at the Chicago plant. In 1908 he was made Vice President, the position which he holds at the present time.

Mr. Ellington, an alumnus of Armour Institute, C.E., '08, began his professional career with the National Construction Co. railroad engineers. He later transferred to the Standard Concrete Construction Co. From 1912 to 1916 he was plant engineer for Stroh Brewing Co., Detroit, and from 1916 to 1919 construction manager for the Booth Estate, Detroit. Since 1919 he has been a member of several firms of architects and engineers, and now is a partner of the firm, Harley and Ellington.

Junior Class Votes Commission Adoption

At its meeting last Friday morning, the junior class decided in favor of the commission form of government for the second time this semester. During the course of a previous meeting, the juniors had voted for this type of government, but after considerable argument retracted their decision and elected a committee to investigate thoroughly the various forms of class government.

Members of the investigating committee, R. J. Bartusek, R. H. Wagner, J. C. Balsewick, and G. P. Hanna, Jr., reported at this meeting in favor of the commission plan and gave a detailed explanation of the manner in which this type of government functions. The presentation of the report was followed by several minutes of heated discussion. When the class president J. D. Shaver, called for a vote, it was revealed that the juniors favored the adoption of the committee form of government by a large majority. The class further decided that the members of the commission elect their own officers.

Preceding the close of the meeting a new committee, composed of J. A. Clark, P. R. Ewing, D. J. Mackey, E. M. Mandel, and R. A. Rehwal, was chosen to determine the number of representatives that each department is entitled. Election of commissioners will take place within the next two weeks.

Pledging of Fourteen Men Announced by Rho Epsilon

Epsilon chapter of Rho Epsilon, national radio fraternity, announces the pledging of the following men: C. D. Pierson—W9QYE; M. Mendelson—W9OBW; W. Clark—W9QIC; S. T. Mentzel—W9PBT; E. T. Mineika—W9WLG; E. L. Hass—W9LQN; J. O. Leonhardt—W9OYU; M. Camras—W9CSX; A. Seda—W9BDM; L. Maze, E. Bauer, F. Ellin, T. Quarnstrom, and E. M. Rosenthal.

Armour's amateur radio station of Epsilon chapter is now in operating condition and reaching collegiate stations throughout the country.

'Zarabanda' Friday Night; Swing Out 'Cats', It's the Arx Dance!

Registrar Releases Final Class Figures

Latest figures are now available concerning this semester's registration. As in the past, the night school greatly outnumbers the day division. Complete figures of the night school are not available, but the figures of Friday, October 14, show that 1740 students have registered. In addition to this 100 students have gone through the Registrar's office, but have not completed registration. Business decline is held responsible for the slack in the enrollment, since last year there were 2067 students in the night school.

Great increases in department registration in the day school and the cooperative classes compensate for this decrease in the night school. A total of 1068, compared with 946 for last year, have enrolled. There are 236 students in the cooperative department, as compared with 168 for last year.

Class enrollment has increased except in the senior class. The freshmen class now numbers 335. There are 269 in the sophomore class. The largest increase is in the junior class. There are 223 juniors as compared with 163 for last year. The seniors number 147; part time students, 50; graduate students, 44.

The department of mechanical engineering leads the school in enrollment. There are 343 mechanicals. The chemicals number 283; electricals, 173; civils, 107; architects, 83; fire protects, 63; and science 16.

In the cooperative department, there are 91 first year students in mechanical engineering, 81 second year, and 64 in the third year. In the night school the mechanical engineering department is larger than the others. The mathematics department is second and the electrical ranks third.

Musical Clubs Give Premiere on Nov. 11

Armour's Musical Clubs will make their first appearance of the new season at the Armistice Day assembly, November 11. Rehearsals are being held and extensive preparations are being made to make the program meet with the high standards of past performances. Gordon Erickson, director of the Musical Club, has prepared an interesting program which will include selections by both the glee club and orchestra. Among the numbers that the glee club is now rehearsing are: *The Trumpeter* by Dix and *Dear Land of Hope and Glory* by Elgar. The orchestra will present *The American Fantasy* by Herbert and *Adagio* by Godard.

On December 8, the combined clubs will present a concert in the rotunda of the main galleries of the Art Institute. The clubs have been invited to repeat their very successful concert of last year. After this engagement, the club's next appearance will be at the annual Christmas Concert, December 15, at which time several new soloists will be heard publicly for the first time.

NEWS MEETING

A meeting for the editorial department of the *ARMOUR TECH NEWS* has been called for Tuesday at 12:30 sharp.

CLASS OF 1939

All members of the present senior class are requested to check their records for graduation with Mr. W. E. Kelly, Registrar, immediately.

Institute Public Lectures

This lecture program is patterned after that used at the Institute of Advanced Study, where lectures are given at will, and attended at will.

The next lecture will be given Thursday, October 20, at 11:30, in Room 217, Chapin Hall. The subject is "The Logic of Aristotle."

Edgewater Beach Hotel Is Site and 'Colonial Club', the Band

This Friday evening will see a gay crowd of Armourites swirling about the floor of the Michigan Room of the Edgewater Beach Hotel. The occasion is to be the annual Arx dance, called this year, the ZARABANDA. Music will be furnished by Junie Griggs and his Colonial Club orchestra. For the information of those who have thus far escaped the cry of "Hey, how about a bid to the Arx dance?" the total demand on the pocketbook is \$1.50.

Decorations for the Michigan Room have been planned in genuine Arx style. The bids, which are circulating freely at present, give a preview of the artistic effort which has been expended to make the affair a success.

Plenty of Balloons

As for the ballroom itself, the committee promises a ceiling covered with balloons. This should provide an excellent target on which all enterprising marksmen may try their skill. In addition to the balloons, the committee plans to have extensive decorations all over the room to carry out the theme of ZARABANDA, or "liveliness."

The feature of the evening will be, of course, the orchestra. The Colonial Club is a ten piece organization which has, in addition, a vocalist from Northwestern University. The ability and appearance of this singer are two of the factors which led the committee to decide in favor of the Colonial Club. Another governing factor is the ability of the musicians to play an almost endless variety of selections. It is a well known fact that some people like swing music, while others do not. Since Mr. Griggs' boys can play in both styles, they were a logical choice to satisfy everyone.

On Sheridan Road

Directions for reaching the Edgewater Beach Hotel are quite simple: The "Beach" is located on Sheridan Road at Balmoral Avenue; this is 5400 north and 1000 west. The easiest way to get there from the south side is to go over to the outer drive and follow it north right to the hotel. From the west side the best way is to take Ogden Avenue to its end, then take Lincoln Park West, and Stockton (Continued on page four)

'Streamliners' On WCFL Next Saturday Night

Rapid transportation, or the story of the men behind the streamliner, is the topic of the third program in Armour's fifth educational radio broadcast series. This program depicts the evolution of the old steam locomotive to the new streamlined Diesel; the story of a race against time, under adverse conditions, to prove to the world that a newer, better, and faster mode of transportation had been perfected for the use of everyone.

The most important problem of a powerful lightweight engine was solved by Rudolph Diesel who devised what is known today as the Diesel engine. Unlike most inventors, Mr. Diesel gained a fortune from his engine. Diesel's life is shrouded in mystery, because one night in 1913, while crossing the English Channel, he disappeared mysteriously and was never seen or heard of again.

After the Diesel engine was proved practical, the engineers had the job of coordinating it with a locomotive as a prime mover. This idea first came to two men in 1933 at the Chicago World's Fair.

Having decided to risk a trial with a new Diesel powered locomotive, these two men devised, and supervised the building of the first Diesel powered streamline train. In October 1936 in a thrilling run from Chicago to Denver the streamliner set a record which astounded the world.

On October 29, the radio program to be presented will be the story of "Coal."

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No. 5

Fraternity Notes

By EDWARD CHEVALEY

All fraternity notes must be received by the
fraternity editor before 5 P.M. Thursday in
order to appear in the next issue.

PI KAPPA PHI

Alpha Phi chapter of Pi Kappa Phi
is indeed proud to announce the
initiating of Albert Bujan, John Bru-
baker, Meril Dargel, Cecil Gullett,
and Victor Schellschmidt.

A party for the alumnus, Harry
Perlet, F.P.E., '38, is being planned
for Thursday. Harry is to become a
happy groom in the near future.

Our first football game is scheduled
this week.

DELTA TAU DELTA

With dances, teas, and football
practice holding the spotlight these
days, a Delt must be about as versa-
tile as a safety-pin. The evening of
October 8 saw the boys at their
first radio dance of the year. It was
a gala opening of the social season
and was well attended by actives and
pledges alike. The favorite songs of
the evening were *Martha*, and *Little
Rock Get-Away*.

Sunday, the mothers had their first
meeting and formulated general
plans for their activities during the
coming year. When the meeting end-
ed, they were entertained with songs
(?) and were later served tea and
krumpets.

For the past week, the stalwarts
of Delta Tau Delta have been brush-
ing up on their football tactics for
the first game with Theta Xi next
Wednesday. Our theme song has
been temporarily changed to "Cry
Theta Xi" in anticipation of the out-
come of that game. The boys have
high hopes of successfully defending
the title which they won last year.

TRIANGLE

Armour chapter of Triangle held
its first initiation of the fall term
last Sunday afternoon when the
members performed the formal cere-
monies for the incoming men. Those
initiated were: George Hanna, C.E.
'40; George Miles, Co-op M.E. '41;
and Robert Ericson, Co-op M.E. '43.

A banquet was held in the loop
Sunday evening in honor of the new
brothers.

RHO DELTA RHO

This year's pledge dance promise:
to be a howling success. Spacious
Thorne Hall up at Northwestern's
McKinlock Campus has been reserved
for Saturday, Nov. 5. Bill Mayer
and his Royal Ramblers, who have
recently finished successful engage-
ments at suburban night spots, will
furnish the music. As a special con-
cession, Mayer's band will play some
unusual arrangements of new song
hits whipped up by pledge Howard
Jarmy.

Where's the Audience?

This editorial might well be called "Advice to
Freshmen," but from the sparse attendance noted
at most class meetings and engineering society
meetings exhibited so far this year, it could well
be called "Advice to Armour Students."

Friday mornings at 10:30 o'clock is a free period
for all students left open expressly so that they
might have the opportunity to attend these meet-
ings. Unfortunately many of us feel that the time
might be more profitably spent studying or per-
haps merely loafing. This in itself is not really
wrong. A "time-out" from routine is always bene-
ficial. However, by missing out on the society meet-
ings, one loses a very valuable experience: namely,
that of listening to men established in the engineer-
ing field, able to pass on much information not
contained between the covers of books, as well as
many valuable tips.

It is quite obvious that the best speakers do not
relish lecturing to a small audience. They will not
feel inclined to talk before the same group again
if it shows itself a poor audience. If Armour stu-
dents do not return the courtesy the speaker has
shown in coming to lecture to them, by turning out
in sizeable numbers, how can they expect to get the
best men to talk at their meetings?

Class meetings present another side of the same
general picture. Activity and interest in class af-
fairs tend to broaden students, particularly if they
are prone to submerge themselves in their own
affairs.

Class spirit and school spirit have always been
thrown up to Armour men as goals toward which
they might well strive. Active attendance at class
and society meetings is undoubtedly one of the most
important ways in which this spirit might well be
shown.

KNOW YOUR PROFS

Mr. Finnegan

"The fire protection engineer is
continually faced with the duty of
devising relatively safe methods of
using and storing the combustibles
of this modern world without such
restrictions as to involve excess cost
and inconvenience." So spoke
Prof. J. B. Finnegan, who, here at
Armour, heads the only four year
course in fire protection engineering
leading to a bachelor's degree of-
fered anywhere in the country.

Although Professor Finnegan re-
ceived his degree from M.I.T. in
chemical engineering, he entered his
life's work, fire protection engineer-
ing, almost immediately. At the time
of his graduation there was an active
fire protection campaign sweeping
the country because of the Baltimore
conflagration. The New York Fire
Insurance Exchange, the country's
largest rating and inspection bureau,
decided that they would begin a
policy of engaging for field work
only recent engineering graduates.

Mr. Finnegan was one of twelve
men from six eastern engineering
schools selected.

After two years of this field work,
Prof. Finnegan entered the newly
organized fire protection engineering
course at Armour, two years after
its inception. Mr. Fitz Hugh Taylor,
who was head of the department at
that time, wished to engage an as-
sistant. Mr. Finnegan being his
choice. Almost immediately after his
arrival in Chicago, Professor Finne-
gan was engaged by Underwriters
Laboratories as associate engineer,
continuing in that capacity until
1932.

Meanwhile, the checker and pool
tournaments have been drawing to a
close.

PHI PI PHI

Last Tuesday evening, the chapter
entertained the alumni. The large
number of improvements just com-
pleted around the house has caused
an increased interest of the alumni,
judging from the large turnout.

Talks of great doings are circulat-
ing among the pledges concerning the
coming pledge dance. The pledges
claim that their dance, which is the
first dance of the semester, will be
the best of any in view. They are
keeping their plans a secret, which
keeps the actives in a very anxious
and curious frame of mind.

Our football team is in top form
and ready for the coming season. The
team is one of the largest since the
football competition started. Ambit-
ious pledges are giving the regulars
a bit of competition for their posi-
tions on the team. Among those out-
standing for their performances are:
Wiley, Gromak, Bakas, Benton, Hux-
hold, and Backman. The pledges have
decided to make Bartusek water boy.

Air Conditioning Hazards
Subject of Babcock Talk

"The Hazards of Air Condition-
ing" will be the subject of a talk
to be given by John T. Babcock next
Friday at the meeting of the Fire
Protection Engineering Society in
room A of the main building. Mr.
Babcock, who is a member of the
Western Factory Insurance Associa-
tion, is a qualified expert on the sub-
ject and has appeared before many
technical groups.

Air conditioning is a rapidly ex-
panding field and presents to fire
protection engineering many serious
fire hazards.

All the freshmen of the depart-
ment are especially urged to attend,
as the program is planned for their
interest, as well as for the upper-
classmen.

The Slipstick

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

We thought you'd be glad to know
that the fame of the SLIPSTICK has
grown to such proportions that it has
copped a sponsor. That favorite bev-
erage of yours and mine, Gulp Mor
Cola, will do the honors. Have you
that dull and lozey feeling? Drink
Gulp Cola and you won't have any
feeling or nuthin'.

* * *

He rushed fervently to his loved
one. They had been parted for three
long months.

"Let's make my first night back a
big one," he said, "We'll start where
I left off."

"What first?"

"First? Well darling, I'd like to
kiss you."

"Glob nox ke wap?" she asked.

"Gelakie," he said.

"O bte lab nov pop kek nok!" she
cried.

"Wif make sax koz loo!"

"Galytee!"

"Kop ke hoot!"

"Galoeckie nock!"

"Well, I guess I may as well take
you home then."

* * *

Add Definitions

The spinal column is a bunch of
bones, that run up and down your
back, keeping you from being legs
all the way up to your neck.

* * *

The drunk leaned heavily against
the wall as the officer approached
him.

"Say now, and what do you think
you're doing there," the officer
asked, "holding up the wall?"

"Thash right," reassured the
drunk.

"Well git along with ye now."

"Yesh shir, offisher," said the
drunk as the wall toppled over on
the gentleman of the law.

* * *

"So you say that the water that
you get here at the Delta Gamma
Rho fraternity house is unsafe?"

"Yeah."

"Well tell me, what precautions
do you take against it?"

"First we filter it."

"Yes."

"Then we boil it."

"Yes."

"Then we add chemicals to it."

"Pine. And then . . . ?"

"And then we drink beer."

* * *

"I draw the line at kissing,"
She said in accents fine.
But he was a football hero,
So she let him cross the line.

* * *

Aggravated Prof: Listen here
young man, are you the teacher of
this class?

Sophomore in organic lecture: No
sir, I'm not.

Aggravated Prof: Then don't talk
like an idiot.

* * *

Household Hint

The best way to keep fish from
smelling is to cut off their nose.

* * *

More and Still More Logic

If you get lots of sleep you'll have
many dreams. Some of them will be
nice dreams. A nice dream is to
hold a pretty girl in your arms. To
hold a pretty girl in your arms is
nice work. Nice work is being Presi-
dent of a large corporation. There-
fore, if you're President of a large
corporation you'll get lots of sleep.

* * *

0. That Santa Claus is the only
man who ever pays any attention to
silk stockings when there's nothing in
them?

1. That King Louis XIV wore
clothes that are now considered old
fashioned.

2. That ninety per cent of the wa-
ter that goes over Niagara Falls
never comes back.

2½. That the majority of the ice
in the Arctic regions is not artificial.

2½. That once there were two
Irishmen, but now there are lots of
them.

3. That if you drink enough Gulp
Mor Cola you will be more unthirsty
than if you hadn't.

4. That this stuff is not the least
bit humorous.

* * *

See you some more next week.
Hi-Yo-Silver.

The Town's Best

By BERNARD STERNFELD

IN THE PICTURE DEPT.: As
sore as seven straight passes, the
town's best is "YOU CAN'T TAKE
IT WITH YOU," currently settling
down in the Loop for a long stay. Col-
umbia really shot the works on this
one. A Kaufman-Hart story, ace di-
rector Frank Capra, a great cast
whose payroll makes the national debt
look like my lunch money—a combi-
nation that piles up the lovely green
in the box office!

Someone in that cast which includes
Lionel Barrymore, Jean Arthur,
James Stewart, Edward Arnold, and
Mischa Auer, is going to cop an
Academy award. (From my corner,
it looks like L. B.) This pic should
be tabbed a "must."

AMUSEMENT ODDS AND ENDS:
Plenty of entertainment on the net-
works tomorrow night. Wrap an ear
around Paul Whitman's music (7:30
—WBBM) or wait for "Lights Out,"
the bogie man drama, at 11:30 out
of WMAQ. In between, there is the
Fred Allen show, the Star Theatre,
and Kay Kyser's Klass. Anyone of
these packs a high powered Crosley
rating.

Strictly on the upbeat,
Jimmy Dorsey swings out for the
yams on the new tunes from "Care-
free," the latest Rogers-Astaire
scener. He takes picks on "Change
Partners" and "The Yams," while
Henry Busse takes the reverse side
of the platter for "I Used To Be
Color Blind" and "The Night Is
Filled With Music," both from the
same picture. Decca all the way.

Everybody seems to have a
good word for the swing-copated
version of "The Mikado" down at

the Great Northern. Just beginning
its run is "Blossom Time" at the
Grand Opera House. Top billing is
going to Everett Marshall. Save
your pennies, fellows.

In the Sports World: Chicago's
only game of big time football next
Saturday will be the DePaul-South-
ern Loyola scrap. The Chicagoans
copped last year 18-7, but after the
beating Illinois handed them a few
weeks back, they may find the sled-
ding a bit tough.

Report from R. Erisman that
his sister's boy friend is hitting the
main stem from Omaha next Satur-
day via the Oak Park terminal. He
claims this is a sports note, and he
should know. After all, it is his sis-
ter.

The junior chems went out
and copped their opener against a
freshman scrub outfit, 24-0. I know I
said the schmiars are due for a quick
fade-out, but can I help it if the
freshmen don't read the column?

Senior Electricals Plan
Closed Hallowe'en Party

Members of the senior class of
electrical students will hold a private
Halloween party on Saturday eve-
ning of October 29. One requirement
for admission is that each couple be
masked, and wear costumes appro-
priate for a Halloween affair.

A prize is offered to the couple
with the best costumes. Tickets are
now on sale at \$1 per couple, which
include refreshments for the evening.

RIGHT or WRONG?

A 2-minute test for telephone users

1. The current used to transmit the
voice by telephone is the most
delicate current in common use.
RIGHT ☐ WRONG ☐

2. Wire in use in the Bell System
would go around the world more
than 3000 times.
RIGHT ☐ WRONG ☐

3. Old telephone directories are
collected in order to sell them for
waste paper.
RIGHT ☐ WRONG ☐

4. Any Bell telephone can be con-
nected with more than 90% of the
world's telephones.
RIGHT ☐ WRONG ☐

5. The average time for making
long distance telephone con-
nections is 3 minutes.
RIGHT ☐ WRONG ☐

6. Low rates for out-of-town calls
to most points are available after
7 P. M. and all day Sunday.
RIGHT ☐ WRONG ☐

ANSWERS...
DON'T LOOK NOW!

1. RIGHT. It is so delicate
that Dr. Bell once talked
through the bodies of six col-
lege professors hooked up as
part of the circuit.

2. RIGHT. It would go around
the world more than 3200
times.

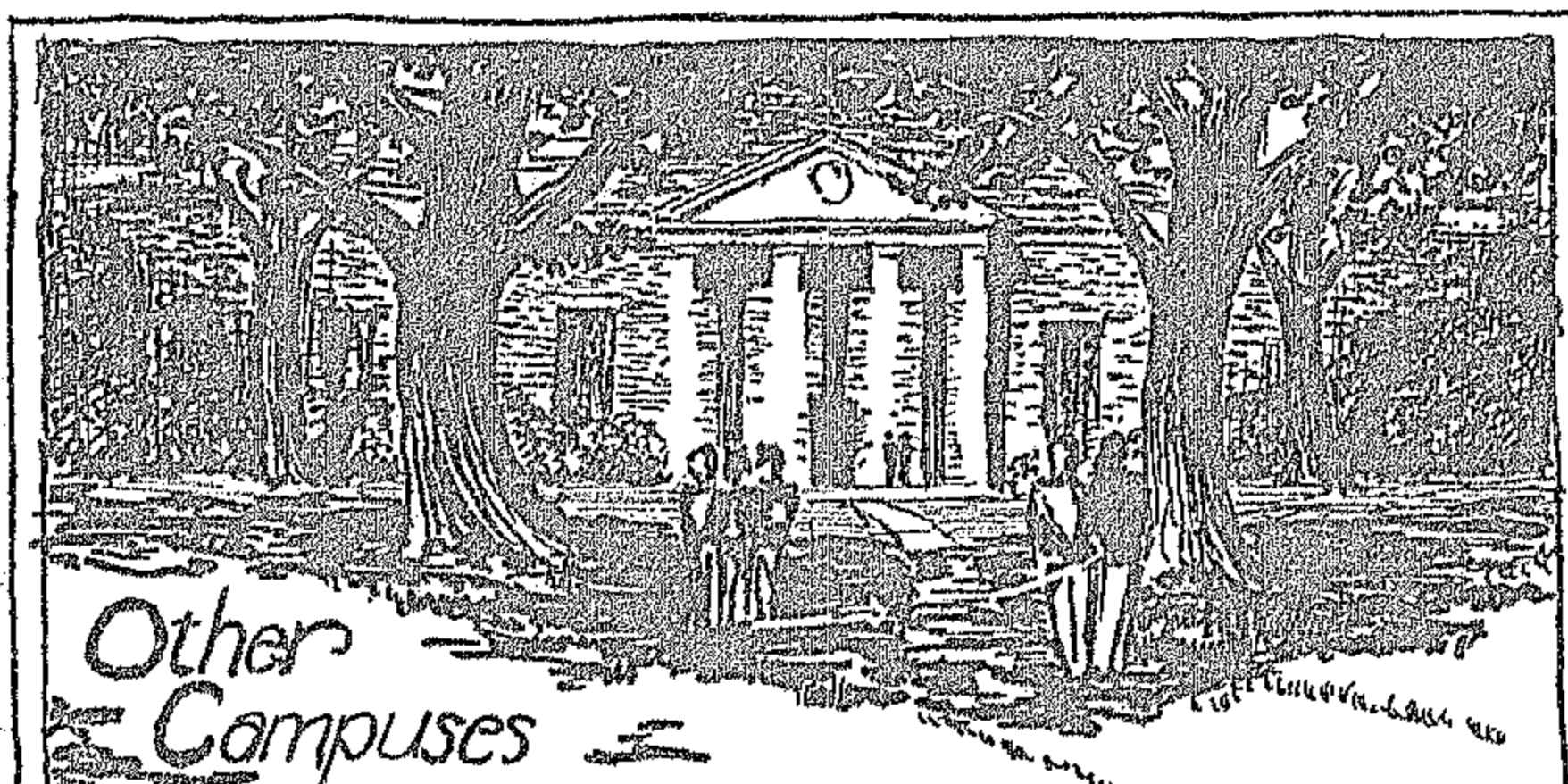
3. WRONG. Many changes in
telephone numbers are con-
stantly being made. Old books
are collected to eliminate
sources of wrong information.

4. RIGHT. You can talk to
some 70 foreign countries and
a score of ships at sea—93%
of the world's telephones.

5. WRONG. The average is
1½ minutes.

6. RIGHT. Why not tele-
phone home tonight?

BELL TELEPHONE SYSTEM



By JAMES HEBSON

A recent study by a prominent insurance company of New York revealed that college girls of today are an inch taller than their mothers.

A freshman at the Los Angeles City college is a professional donor to the Children's hospital there. His blood is the type used for transfusions in infantile paralysis cases. He averages \$25 every two weeks.

Coeds at Ohio Wesleyan are in favor of limiting the number of corsages they expect to receive during the school year so that the boys may use the money they ordinarily spend for flowers to purchase more dance tickets.

This one comes from a medical student at McGill university: "Love—a chronic disorder of the heart and the central nervous system of unknown causation with the chief symptoms pre-cardial oppression, palpitation, rapid pulse especially in presence of cause, insomnia, and anorexia."

The University of Utah is one of the few institutions of higher learning in the country that sponsors a polo team.

Oklahoma A. and M. College has steam heated sidewalks. The walks were constructed over the steam heating lines between buildings. Thus, when winter comes the heat will keep the walks free of ice and slush.

Notre Dame coaches were shocked to find that the Williamson rating system selects Notre Dame to win the national championship this fall, even with only 10 lettermen returning.

R. H. George and H. J. Heim, Purdue university scientists, have developed a new system of radio con-

trols for seeing through miles of thickest fog. Perfection of the device will eliminate much of hazards of flying in fogs.

Dr. H. S. Uhler of Yale university has determined the value of Pi to 215 places. It required a length of adding machine tape the distance between outstretched hands to record the figure.

Edgar Friedenberg, 17, Centenary college honor graduate and Stanford graduate student is preparing for his doctor's degree in food research.

H. R. Downer of Southampton, England, is attending Harvard University on a scholarship endowed in the 17th century by a man named Downer for kinsmen of his same name.

Gladys Lovenger, '41, is the only woman student at the main branch of the College of the City of New York. She entered the college by a technicality in the ruling which does not admit women in the school of liberal arts but which does not mention the school of technology.

Laboratory Methods Revealed in Expose Of Partnership Tactics; Friends Mourn

There is one insidious thing about an engineering college and that is the Partner. Freshmen are inclined to view this situation without due respect, for they associate Partner with Buddy, which is someone of whom to borrow half a buck till Wednesday. This is wrong since a partner is distinctly the last guy in the world to borrow something off of as whatever the quantity is he will probably decide to keep it as just payment for that beaker which you broke a year ago last Tuesday.

It starts out easily enough. One saunters into a lab and is greeted with the information that it is the custom to work with a partner. A friend is chosen. This is the proper point to raise your voice with his in a doleful rendition of Auld Lang Syne, for beyond a shadow of a doubt it will be the last friendly word you will exchange with him. After picking the sacrifice you turn on him and snarl bitterly: "You write the next three experiments; it's about time you did some work around here!" This will launch the whole business into the clear air of mutual recrimination which will exist for some three years. You could change partners, but with advancing years one withdraws his foot from the grave and reflects that true friends are rare, too rare to sacrifice as Partners.

The firmest foundation for a good partnership is an equal distribution of work. If the Partner cuts lab one day you cut it the next. Of course if he also cuts that day, then, since he is one ahead of you, you cut twice more. This creates a most unfortunate situation since the whole thing rapidly resolves into an infinite series.

With careful book keeping it is possible to finish a course. The dire results of a miscalculation are represented by the sad case of two Partners who attended class for a solid year and spent the time staring mournfully at the locker because they had lost count of which one had last opened it. A direct order must

never be given a partner. The procedure is to glance into the manual and announce vaguely, "Hm, I see it calls for a calorimeter here," whereupon both members shuffle their feet in a manner which to the very innocent would suggest that each was about to spring up, and after it. Eventually one will tire and get it. Of course the hardened partner will merely respond with a definitely sour, "Well, why 'uncha get it? Yuh lazy?"

If one is adept at taking six readings at thirty second intervals, work alone by all means. All a partner gives is a faculty at debate and a sense of martyrdom.

Delts Polish Team For Title Defense

Touchball followers are speculating as to whether Delta Tau Delta will devour the inter-fraternity title again this year. One thing is certain, however, and that is whichever way the tide turns, it will be tough sledding all the way. All the contenders have been out for extensive drill in order to have polished six-man combinations.

This week the 1938 tilts will get under way and, although the exact times have not been agreed upon, the respective houses will work it out.

The following are the pairings as released by Clay DeMent, the inter-fraternity schedule statistician: Delta Tau Delta vs. Theta Xi; Phi Pi Phi vs. Phi Kappa Sigma; Pi Kappa Phi vs. Triangle; and Rho Delta Rho vs. Sigma Alpha Mu.

The men to watch are many this year, but a few of the stellar combinations might be mentioned, such as Vandekieft and DeMent, Tullgren and Ransel, Giovan and Hruda, the Heidenreich brothers, Rothenberg and Epstein, Fisher and Schlifke, Loutzenheiser and Sweeney, and the Clark brothers, Jack and Tom.

Favorites Emerge Victorious; Four Touchball Games Played

Senior Chems Trample '39 Civils, 19-0

Last Tuesday saw the first kick-off made, the first touchdown scored, and the first game won. Therefore the annual touchball tourney is under way, and so are the senior chems.

On that day, the champs tangled with the senior civils and for one half looked like the junior chems. Their passes didn't click, their runs didn't get them anywhere and their defense was just adequate.

In the second half, however, things changed. Rothenburg's passes fell into waiting arms while Kruse was continually getting clear. Time alone stopped the avalanche that ran up a score of 19-0. For the chems, Adesko and Kruse stood out as ball handlers while Ryan and Moculeski literally rushed the civils off their feet.

In the course of the game, the chems revealed a play that is destined to be a humdinger. Adesko behind perfect blocking started a run around his own right end. After traversing fifteen yards parallel to the scrimmage line, he lateraled to Rothenburg, who flipped a long pass to Kruse, the latter having worked behind the adversaries. This play has numerous possibilities in evolving into a complicated set.

However, all glory doesn't belong to the chems, for the civils displayed by far the best man on the field. Buzz Tullgren showed the chems more touchball than they'll see again this year and had he had a little more support might have beaten them out.

JUNIOR CIVILS WIN

After a terrific battle of brawn against brawn, and speed against speed, the junior civils emerged victorious in the game last Wednesday with the senior fire protects by a score of 13-6.

At the beginning, it was apparent that both teams were evenly matched. Neither team made much headway during the first minutes of play.

Toward the end, Rogge of the firemen showed his heels to the civils and scampered almost half of the field behind perfect blocking of his teammates. Only a short time later Swanson spiraled a short one to Finnegan for the fire protects' only score of the game.

During the first half both teams charged and blocked hard, but the fire protects had the edge in offensive and defensive play. In the second half, the civils came to life and romped over the firemen.

The civils worked a series of passes that brought the ball in the shadow of the senior's goal, from where Rockelman passed to Mackey for a touchdown. On another pass the point after touchdown was made.

After a futile try by the fire protects for the tying points, the civils gained the ball on their own goal line. On a long pass from Jaedtko to Weber, who had worked back of Swanson, the clinching points for the civils were scored. It was this type of play that disheartened the seniors, for it was characterized by the hard blocking of the civils.

SOPH FIREMEN WIN, 7-6

Charging fast and furious at an aggressive freshman team, the soph fire protects hung up their first victory by beating the frosh 7-6 last Thursday at 2 p.m.

After receiving the first kickoff, the "Short Pants" assumed control of the play, and before the sophs could get their wind back from the kick-off, the frosh had marched up the field on consecutive power running plays. However, with their goal threatened, the firemen braced the defense and took the ball on downs.

Thus the battle raged, the frosh using their running attack as their best weapon, the sophs relying on the toe of Dick Larsen. In the middle of the half the frosh sneaked over a touchdown on a short pass and a run. Again the fire protects held and the pass for the extra point was batted down.

Apparently not discouraged by the six point lead of the frosh, the

Basketeers Start

Drills on Nov. 1

With co-captains Ed Swanson and Paul Henriksen leading the way, the 1938-39 edition of the Armour Techawks will begin their practice on the first of November.

During the week of the first, practice will be called on Tuesday, Thursday, and Friday. The following week the cagers will prance over the hardwoods on Monday, Tuesday, and Thursday.

On November 14 the boys will get down to business in earnest; practicing from then on until the beginning of the season which will be around the first of December.

The major monogram men returning this year are Henriksen, Norkus, Scherer, and Swanson, while those men holding minor letters who will return are Hofman, Janicek, and Lurz. In addition the following freshman cagemen are coming back: Fisher, Futterer, Johnson, Leave, Leskiw, Petersen, Shapiro, and Whitehead.

Also in the turnout will be members of last year's squad, Sher, Eggers and Johnson.

At present the schedule for the season isn't available due to the efforts of Coach Stenger to obtain outstanding games. However the schedule is sure to include Detroit, Wheaton, Elmhurst, North Central, and Chicago.

With the returning lettermen Coach Stenger expects to build a team that can better, by far, last year's record of 4 victories and 11 defeats. As usual, practices will be held in the 108th Engineers Armory at 35th and Wentworth.

This week's touchball schedule will be found on the bulletin board where a running account of the games will be posted by Tom Clark. The schedule had not been announced at the time of publication.

sophomores used the pass-on kickoff rule to their advantage and ran a touchdown play, tying up the score at six all. However, on the play, a whistle was blown as Sweeney pitched the ball to Lange. That, claimed the frosh, was the reason the touchdown was made. After much arguing on the part of the frosh, play was resumed and immediately Sweeney threw a short one to Zollner in the end zone for the winning and extra point.

In the second half the sophs tightened up their defense and started an offense that rolled the frosh over to their own goal line. Several times the sophs threatened the frosh goal, only to have a mix-up of signal spoil the chances for another goal. As the outcome of the game became more apparent, the frosh started to throw passes which proved to be easy interception meat for the soph secondary. Just as the discouraged frosh trotted in from another unsuccessful try at passing, the game ended.

This game has been protested because of the blowing of the whistle at the time of the soph touchdown. The appeal will be considered by Tom Clark and his intramural board.

JUNIOR ELECTS BEAT SOPHS

Last Friday, the soph juniors dropped a close game to the junior juniors by the score of 13-6. Both teams were evenly matched, and the score might have read just the opposite. However, the breaks of the game seemed to favor the juniors, and the juniors took advantage of the fact.

Shaver and Oldenburg were the junior standouts, while Boznak, Matthews and Franzene were the bulwark of the soph team.

It was the hard rushing of Shaver and Rehwaldt that offset the effects of the soph's occasional advances. Although Matthews at several times broke loose for runs, he didn't get the backing necessary to get loose for the tallies needed.

Rehwaldt's pass to Shaver in the end zone gave the score that put the game on ice late in the last half. The try for point on a reverse to Shaver failed by a yard.



By TOM CLARK

Athletic activity at Armour was at a low ebb for the past week. With the exception of tennis, which is plodding along, and four games in the touchball tournament, nothing much happened, and when nothing much happens, there isn't much to write about, but we'll try.

The senior chems trounced the senior civils with Harvey Rothenberg, passer par excellence, heaving the long ones for the schmiere. The chems' game is characterized by innumerable substitutions of their rushers and blockers, a factor that does much to keep the harder working members of the team fresh and spry. However, for several reasons, one of which is that it isn't permitted in college football, this condition has to be remedied. For the remainder of the tournament a man may leave and enter the game only twice during a half.

The junior and sophomore electricals had plenty of obstacles to overcome in order to get their game over with, last Friday morning. During the first half about two hundred belligerent sophomores swarmed over the field in search of a freshman. We didn't get his name, but it seems that the heinous crime that this rascal committed was to leave his green topper at home. As if this wasn't enough, a blue Ford driven by one of our dusky neighbors, crashed through the south wall of the playing field and churned up the goal line during the second half.

Sonny Weissman, Armour's broker in the stock market and coach of the wrestlers, is getting ready to make his professional debut. However, he's going into the more lucrative end of the game, refing. He has had plenty of experience along this line, having for a number of years officiated bouts of the Tribune's Golden Gloves. Not only that, but he was intercollegiate boxing champ in his weight while at school in the East.

At the risk of degenerating into a "Believe It or Not" or "Strange As It Seems" article, this story will have to be told. Last summer, Dick Vandekieft's father received a major "A" sweater award from John Schommer. It was an award that Mr. Vandekieft had earned twenty-five years ago, when he was captain of Armour's track team, and which he hadn't received until now.

Wrestlers Schedule Seven Meets So Far

Extending their schedule over a period of four or five months, the wrestlers have seven tentative meets already on the list. For sure is the date with the Little Nineteen competitors at Wheaton's Invitational on Saturday, March 11.

According to coach Sonny Weissman, whose men have been forced to tussle in the cramped quarters of the locker rooms, the squad can seldom take out time for more than one meet a week, and for this reason the tentative dates are spread all over the calendar. There will be fewer conflicts then when later bookings are forced into certain months.

Tentative arrangements have it that Morton will send over the opposition for the premier on November 23. Tech will then visit Wright and Wheaton on December 7 and 14, respectively, while Purdue will visit the home floor on January 11.

February will see two meets, as scheduled so far, one at DeKalb on the eighth and Wright here on the fifteenth. Wheaton will provide the Invitational on March 11, and DeKalb the finale, March 15.

The boxers will replace the lunchroom crew sometime next month, but as yet have no tentative dates scheduled.

Recruits Reach Twenty-two as Matmen Return

Seven Lettermen Form Nucleus of New Mat Squad

Although his optimism seems to be dampened by the lack of training space for his outfit Coach "Sonny" Weissman still smiles when one mentions the coming season. He has good reasons for smiling too, since seven of last year's nine lettermen have returned. The two losses are former Captain Jimmy Dunne, high point man last year, and John McIntyre.

Practice started two weeks ago and the initial workout brought out twenty-two new men in addition to fifteen veterans. However, the vets were immediately excused so that "Sonny" might show the newcomers the essentials of the sport. He was assisted in this by Captain Tullgren and George Hanna.

An inspection of the individual records for last year brings out the possibilities for this year's outfit. Captain Tullgren has the best record of the returning lettermen although not a whole lot better than Kazmierowicz or Till. "Buzz" won six bouts while losing one. Kazmierowicz, although frequently unable to practice, won five of his matches while dropping only one. Till, a co-op, wrestling in the 121 pound class, dropped two matches while winning six. These three with the aid of Hanna and McDaniel will form the nucleus of a squad that should be among the best in Armour history.

The high spot in the schedule for the wrestlers will be the A. A. U. meet in which Armour captured a second last year when Jimmy Dunne came through. The Little Nineteen Invitational is another meet that holds the team's interest since last year's third is a mark the team wishes to better this time.

Although the Golden Gloves aren't so very far off, the boxers won't be called to practice until the gym is made available. Then Captain Tommy Clark will lead the squad into practice for the Tribune's big show.

The annual boxing and wrestling tournament for the students not on the squad will be held during the last week of November. If last year's interest in this event is any indication of the trend, the gym will be a scene of intense activity prior to the meet with numerous athletes in training in hopes of capturing the gold plated medals that go with the championship.

Reach Semi-Finals In Court Clashes

Out of a field of 40 upper classmen and 20 freshmen only seven remain in the fall tennis tourney.

In the semi-finals are upperclassmen H. Obergfell, Cade, Baum, and Bain. Obergfell downed A. Hauswald in three sets, while Cade outstroked Kroll in straight sets, as did Baum over VanAlsburg and Bain over Sauermaun.

The winner between Baum and Bain will play the victor of the Obergfell-Cade battle. During the past few months Bain has been playing a "Sunday" brand of tennis, and has competed rather successfully in park tourneys. In all events the championship match will be a close one, and if played on the Tech courts, a tricky one.

As in the upperclassmen tourney, four of the frosh have reached the semi-finals. However, one of the semi-final matches has already been played off. Benton defeated Chan to enter the finals. The other match, between VanderHulst and Creagan will be played sometime this week.

This year a definite system of enforced match rules have been set up. These regulations have speeded up play and have tended to make the matches all the more interesting. Thus it is expected that the fall tennis champion of the school will be crowned at least before the Thanksgiving holidays.

Furthermore, Harold Authon has been scratching men from the tourney efficiently at deadline dates. In this way players have been prompted to advance the tourney to the finals.

Engine Fuel Expert To Address A.S.M.E.

"Petroleum Fuels of Automotive Engines," will be the subject of a talk to be given by William H. Hubner, of the Universal Oil Products Company, at the next meeting of the A.S.M.E., to be held next Friday in Science Hall. Mr. Hubner is in charge of engine research and development at the Riverside Laboratories of the company, and has been active in S.A.E. committee work on fuel studies for various types of engines. He has done much on investigating and developing anti-knock fuels for Diesel and gasoline engines. All members and persons interested in this topic are invited to attend the meeting.

Professor Roesch has arranged an inspection trip through the South Bend plant of the Studebaker corporation for Wednesday, October 26. The trip will be given under the sponsorship of the Armour Student branch of the A.S.M.E. and is open to all junior and senior members of the mechanical engineering department.

At 8 a.m. the group will meet at the entrance of the proving grounds located twelve miles west of South Bend, where guides will be in attendance. After a tour of the proving grounds the group will be conducted through the plant. Members are to make their own arrangements for transportation on the trip. A complete map of the routes to the plant will be posted on the bulletin board in the near future.

Retain Prof. Enszt On Subway Board Engineering Staff

Chicago's long awaited subway was at last made possible as negotiations for a federal grant were completed Thursday. While field work on this project will not start until Dec. 15, engineers have been drafting plans since May 6.

Professor Enszt of Armour Institute has done a great deal of the preliminary work dealing with soil testing. In his capacity as assistant to Frank Randall, the head engineer, Professor Enszt has been in charge of tests on clay samples and gathering of data on sub-foundations of buildings. In this work he was assisted by graduate students in Armour's soil mechanics laboratories.

Three pits were sunk downtown and undisturbed samples were removed at five foot intervals. These samples were sealed in paraffin and brought to the laboratory. Some of the tests made were for water content, plastic limit, liquid limit, and consolidation. Sample pits are at present being sunk on the north side, so that data may be obtained about another extremity of the subway. When these tests are completed, Professor Enszt will continue work on this project in the capacity of structural engineer.

According to the present plan, the subway will be completed in 1940. Its total cost will be \$40,000,000 of which \$18,000,000 is to be given by the United States under the Public Works Administration. Two subways will be run, each consisting of a double tube. The first one will start at State and 14th streets, run north to Division street, turn west on Division street to Clybourn, and continue northwest on Clybourn to North avenue, where it will connect to the "L" lines. The second will extend along Dearborn street from Congress to Lake, west to Canal, northwards under Milwaukee to Ashland, and there connect to the "L" lines.

Dr. Olsen's Philosophical Lectures Meet Approval

Last Thursday, Dr. Olson lectured to a group of faculty members and students on the subject of ancient Greek dialectic methods. About twenty extra chairs had to be brought into the room, and yet there were people standing. The number present was estimated at about 70. Several statements have been made as to its success, and the majority seemed to take interest in the subject matter.

This Thursday, the second lecture will indicate the scientific method of Aristotle, and the general characteristics which distinguish his manner of inquiry from preceding scientists. His division and enumeration of the sciences will be contrasted with various non-Aristotelian treatments.

Prof. Finnegan Addresses Waukegan Business Group

Last Wednesday, Professor Finnegan journeyed to Waukegan, Ill., to deliver an address to the chamber of commerce of that city. His subject was "Fire Protection as an Investment," and was given in connection with the activities of Fire Prevention Week.

Professor Finnegan's speech showed the chamber of commerce members the ways in which they could improve their town classification, as used for fire insurance purposes. He advocated the purchase of additional fire fighting apparatus and proved how it would save the citizens of the town a good deal of money by reducing their fire insurance rates.

Arx News

This week: the ARX DANCE! And what a dance it's going to be. There'll be Armour architects (naturally), engineers, and art school artists, along with their belles, gals, and models. Remember: it's the Edgewater Beach Hotel, the Colonial Club Orchestra, Friday night, October 21, at 9 p. m. That's all! Get your bid while they last.

The Armour chapter of Scarab, architectural fraternity, announces a sketch competition. An award is to be presented for the best drawing submitted by a non-member. See Rea for details.

Love Nut: We hear, indirectly from Cunningham, that it's the real thing this time, she's a co-ed at the University of Nebraska.

It's rumored that the Sophs are to have a class in life sketching. The juniors fell that they've been gyped.

Reincke got first prize money in the poster contest . . . new ARX society propositions . . . initiation of frosh comes first or second week of Nov. . . . Viren was back in school. . . . Mirotanic breaks the Arx News again with his tobacco taking a beating. . . . Yes, Burnham's a Yaler.

Get the other pair of pants pressed now for this week: it's the Arx Dance.

BOZ-ART.

'B' Co-ops Switch To Jobs, Term Ends

The "B" group in the cooperative course is mechanical engineering has completed its second term. After a week which was marked by a large consumption of midnight oil in a rush of final exams, the cooperating students changed places with their alternates in industry.

This week the students of the "A" group, having completed their second term earlier this summer, have started their third and final term of the year. The incoming classes wasted no time getting into the swing of things and are already making considerable progress in the work that has been cut out for them.

Co-op Club Active

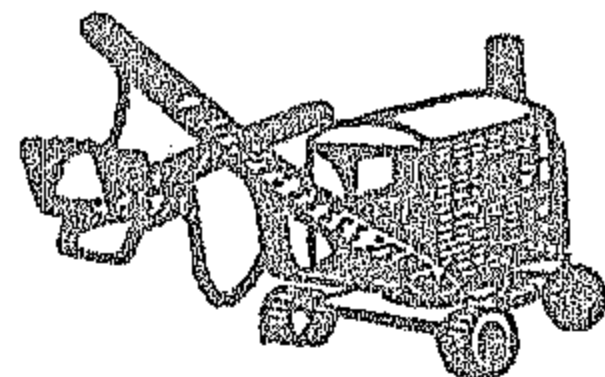
The Co-op Club will meet in the near future. The purpose of the meeting will be to see that the club program is put into operation promptly. In the course of the term new officers will be elected. The main item on the program will be a dance which is being planned for the early part of December. The club has been encouraged by the results of their previous social events. One of these was a dinner-dance at the Allerton hotel, and another was the Spring Informal held at the Graemere hotel earlier this year. The club anticipates similar or even greater success in this next event.

Architectural Fraternity Pledges Three at Dinner

Three men were pledged to Scarab, the architectural honorary fraternity, at a banquet held in the Swedish club on October 7. Those pledged were: Robert Brandt, William Horton, and William Hutton. There are, at present, 11 active members in Scarab.

To create interest in sketches, Scarab has offered, as a first prize, a subscription to *Forum*, architectural magazine. Winning sketches will be exhibited by the national chapter at schools having a chapter of Scarab. All drawings must be submitted by October 28.

Steam Shovel



It has been reported that a number of the Armour Tech "glamour boys" who have appeared in the shovel in the past "object" to their fair names and personal present history being revealed in this "scandal column." Hence, we shall try to refrain from mentioning them henceforth. (Youse guys know who you are.)

What student with initials R. J. C. could have signed Coach Stenger's name on his enrollment card after "gym."

Professor Libby and his classmates in college must have been holy terrors compared to the "sissy" students and classes nowadays. Confidently, he let it be known that they thought nothing of it in his college days to put a group of freshmen in an old scow on Lake Michigan, set it adrift without oars, and when it got about a mile out in the lake, calling the coast guard for rescue. A common sight also was the paddy wagon visiting the school twice a week during green cap activities.

ARX DANCE—

(Continued from page one)

Drive to the intersection with the Outer Drive at Belmont Avenue. From there the outer drive will lead right to the hotel. Sheridan Road is the easiest way for north-siders to get there.

Those who are not familiar with the hotel can recognize it easily by the tower which is illuminated with red, white, and blue floodlights. The tower can be seen for many blocks in all directions. There is a large parking area directly across the street from the entrance to the building. In addition there is a garage entrance on the south side of the hotel. Parking on the street is a rather difficult proposition because the area around the hotel is rather thickly populated. The Michigan Room of the Edge-

Stoopbrain's Phenomenal! Gets Gruesome Details of Quiz; Reveals Prof's Secrets

"Mine iz no idle tale" sed the froshman as hea leened over fore another whack. Wel, Sally, another week haz cum and flude, and I still goa on loving yew. The fiftie weak of the skool term haz arove, and so haz the tyme fore quizzes. Due yew no wat a quiz iz? Wel, my deer young butterflie, a quiz iz sumthing that yew worry about for weeks, cramming the nite befour, and then cuming to klase shaking but confident that yew hav it mastered. Then olde prof. cums stalking intew the rume withe a cold glare in hiz eyes, and he chillily sez, fighting bakk a halve snear—"gude morning, stewdents, their iz a quiz thiz mourning. Our yew awl set. The set of questions iz a very easy won, won wea formerly gav in the freshman yeer, and yew will bea able tew finish easy in a half howr.

Easy Questions?

The first question—"Write a 5000 word theme—juste a general discussion—and make it breaf, on Einstein's eight theory on the relativity of stuff. Second question—if A traveled threa hours south a 5 miles per, in a car with a mass of 2000 pounds, and B traveled north by northeast at 10 miles per in a street car, wat of t? . . . Don't beat impatient boys, there ovr only eleven more . . . and four homework tomorrow—due the first 15 problems at end of chap. 10, and

water, in addition to being an excellent place for dancing, has a large and well furnished foyer and lounge at its entrance. This will provide ample space for all those who wish to "sit this one out." However, from present reports, it is rather doubtful whether there will be much "sitting out." The Colonial Club's music will be a delight to all of Armour's rug cutters and fancy step artists.

So far, most of the three hundred bids which have been made, have been sold. If the advance sales are any indication, the dance should be a big success. As the first social event of the present season, the Arx ZARA-BANDA should start things rolling in fine style.

reed chapters 11-15 . . . unquote. Gosh, I'm always leerning things at skool, in spite of my beste efforts. Did yew no that water is composed of tew kinds of gin—oxygin and hydrogin. Oxygin iz pure gin, but hydrogin iz water and gin.

I got a letter frum hoam, and it seams that brother Doublestoop iz sik agin. I don't no wat iz the matter withe him, but hea iz so dum that I am thinking about having him cum up tew Armore hear withe me. Thiz tyme hea licked the shew polish off the shews I bought him a few months agoa because hea thot it tasted guide. Hea haz ben sick withe acute shinola fore a weak.

The Ox danze is this week, and again I shal goa. However, I think I shal goa stag. My girl up hear in the city—Everglade McFish, gives mea no end of worry. Shea treets awl the boys on the equal withe me—her big moment. Gosh, kissing her iz like opening a bottle of olives. The first won iz hard tew get, but after that, they cum easy. Besides, if I goa stag, I wil hav a lot of fun. I can bea as big a wolf as thoez other wolves for wich thiz skool is noted fore. If I want a girl withe warmth, I can light a match and goa owt withe the flame.

Wuz My Face Read

At a big danze a couple of weeks ago, I wuz standing in a lounge, wen a girl who had just finished puting on makeup kame up tew a fellow neer mea and sed, quote—"wil yew powder my back, please (shea had a bewtiful sun-tanned back)? Sed the fellow—"Surely, howe far down?" "Az far az the cut of my gown, shea replies. Sez hea—I thot yew sed yewre back, unquote.

Wel, az the bewtiful city girl sed tew the farmer boy az they strolled won moonlit nite across the pastuer neer tew cows who were rubing noses and hea had sed "that site makes mea want tew due the same"—quote sez shea—Goa ahead, theyre yewr cows, unquote and hope yewre the same.

Yures,
Stoopbrain Bliss.

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