



## SENIOR BANQUET AT MEDINAH CLUB TUESDAY, MAY 20

### Entertainment, Speeches On Evening's Program

#### SCHOMMER TO SPEAK

The annual Senior banquet, which climaxes the social season for the graduates, is to be held on May 20, at the Medinah Athletic Club. Ray Shoan, social chairman of the class, has charge of the arrangements. The Seniors are to be taxed \$1 a plate, and are urged to get their reservations in by May 12, 1930, which is the absolute dead-line. It is very important that reservation be made as soon as possible so that the approximate attendance is known.

The program for the evening, which begins at 6:30 p. m., includes a steak dinner, entertainment, both professional and local talent, and speeches by our "Jawn" Schommer and other faculty members.

The location of the banquet, the Medinah Athletic Club, is the world's largest clubhouse. It is forty-four stories high and is exclusively devoted to the club activities. The ladies' dining room, in which the feast is to take place, is said to be one of the most beautiful dining rooms in the city.

This will be the last informal gathering of the graduates and the faculty, and one which has a large attendance each year.

## Camp Armour to Be Occupied Soon

Friday night, June 13th, the Civils will again start their annual trek to Camp Armour for six weeks of surveying, fishing, and swimming. The men will board the Chicago, Milwaukee, and St. Paul train on Friday and will arrive at camp the next morning. Saturday and Sunday will be spent in getting acclimated with actual work starting Monday morning, the sixteenth of June.

Dean Penn, Professors Wells and Grafton, and Bill Hafner will make up the advance group that will precede the group of students. Professor Grafton will look for a place to keep his wife and young son.

Camp Armour is situated on Trout Lake, Vilas County, Wisconsin. While at the camp the men become bronzed from their work in the sun, take on weight as a result of the endless supply of good "eats," and enjoy a real vacation of fishing and swimming. The Civils get a real taste of roughing it, as many of them will have to do after they graduate, by living in tents. It is said to be advisable to bring plenty of warm clothing because in direct contrast to the days, the nights are chilly. The fact that no cars are allowed assures plenty of hiking. In addition to the tents mentioned before, there are three permanent buildings.

## Adjusting Fire Loss Talk at F.P.E. Meeting

Mr. Frank Crion, Fire Insurance Adjustor, was the speaker at the last regular meeting of the F. P. E. Society, Wednesday, April 30, in Science Hall.

"Adjusting the Fire Loss" was the subject of Mr. Crion's talk. He explained the origin of the insurance contracts, and related many personal experiences, which made the talk most amusing.

The next meeting of the F. P. E. S. will be held two weeks from the last one and will be called in order that the officers for the coming year may be elected.

## JUNIOR WEEK OFFICIALS



F. M. JAMES  
Junior Marshal



F. B. ATTWOOD  
Class President



B. G. McLAUGHLIN  
Social Chairman

Open House Night scheduled for next Monday, May 12 will open Junior Week, May 12-17, which is studded with athletic contests, social functions, and engineering exhibitions, all of which has been mapped and planned by the Junior Class under the direction of the Junior Marshal, Frank James; Berlyn McLaughlin, Social Chairman; and Fred Attwood, Class President.

One major change which makes Junior Week this year different from those preceding, is that Circus Day and the Class Rush will be held on Friday instead of Saturday as has been the custom.

Another important announcement is in regard to circus day. In an effort to stimulate the interest in circus day, Dr. Howard M. Raymond is offering a cup to the fraternity presenting the best stunt. This cup will not rotate, but become the permanent prize of the fraternity winning it.

All laboratories and shops are in operation on Open House Night with many exhibits made both to entertain and instruct those visiting Armour. The idea back of the event is to make known to visitors

how an engineering school is operated. A special edition of the Armour Tech News will be distributed to visitors and students.

Following Open House a series of athletic events take place. The track, tennis, and baseball teams each display their wares during this time.

On Tuesday, May 13, the Armour track team and the Armour tennis team will journey to Loyola to engage Loyola's track and tennis teams in their respective sports. Lake Forest will be Armour's baseball opponent on Ogden Field the next day, Wednesday, May 14.

The interclass Keleys and the pentathlon, with Vernon Sturm as manager, will follow on Thursday and during the same afternoon a tennis meet will be held with De Kalb at Armour.

Thursday evening's features are the Inter-Fraternity Sing and the annual Spring Concert, in which the fraternities and Armour musical organizations are represented.

The Inter-Fraternity Track Meet, under the management of Bud Weldon, is to be run off Friday morning, May 16.

## Flask and Beaker Holds Initiation Banquet

Flask and Beaker, professional chemical engineering fraternity, initiated C. J. Stamborg, '31, I. B. Lehman, '31, and J. L. Kubicka, '32, yesterday, May 5.

An initiation banquet will be held tomorrow evening at the Medical Club in the Medical and Dental Arts Building.

## Inter-Honorary Dance Gets Full Attendance

The Inter-Honorary Informal dance was held in the Dutch Room of the Bismark Hotel last Friday, May 2nd from nine to one. The Royal Chicagoans ruled the undulations of the sixty couples that graced the spacious floor. Members and pledges from all the honoraries, as well as ten alumni, took part in the dancing.

Dr. and Mrs. Raymond motored to their home at Grass Lake, Mich. last Thursday, April 24, returning the following Tuesday. They reported an interesting and enjoyable journey.

The twelve week grades for the probation students are now being obtained by the office. The cards are sent around to the various professors whereas, formerly the students took them around themselves.

## FRESHMAN HELD UP AND INJURED

The scars of a four-inch gash across the back of his neck, and a deep cut on his nose, will probably always remind Harvey Higgins, C. E., '33, of the gruesome events which happened Sunday morning of April 27, 1930, when he was attending the Armour Institute of Technology in that "bloody city" of Chicago.

As he was walking east on 33rd Street, near Boul Mich., at 1:00 a. m., he was suddenly confronted by two colored "stick-up" men who roughly demanded his valuables. Probably irritated at finding only a watch and \$1.65 on his person, and annoyed by Higgins' persistent attempts to free himself and to summon aid, one of the men drew out a razor and slashed his victim's neck; and, after knocking him down, the two escaped before anyone had been attracted to the scene of the crime.

Higgins was rushed to the Provident Hospital, 36th and Dearborn Streets, where a colored doctor took twelve stitches in his neck and one in his nose. He was, however, able to return to school Monday, with the white bandages and the absence of his watch as mute evidence of his experience.

Jupiter Pluvius' sudden interference deprived Armour's baseball team of scoring a victory last Wednesday evening over "Y" College. The game was called in the fourth inning with Armour in the lead 4-1.

## Dean J. C. Penn Absent; Contracted Bad Cold

Dean Penn was forced to absent himself from school, Tuesday and part of Wednesday, April 29th and 30th, due to a bad cold contracted from the weather.

We sincerely regret that the Dean was forced to remain at home and extend our sympathies with the hopes that he will enjoy an early recovery.

## CALENDAR

Tuesday, May 6  
Tennis: Valparaiso at Valparaiso.  
Interfraternity Tennis: Phi Pi Phi vs. Sigma Alpha Mu.  
Wednesday, May 7  
Baseball: Western State Normal at Armour.  
Interfraternity Tennis: Triangle vs. Kappa Delta Tau.  
Track: "Y" College.  
Senior Inspection Trip.  
Thursday, May 8  
Interfraternity Tennis: Phi Kappa Sigma vs. Beta Psi.  
Friday, May 9  
Cap and Gown measurements.  
Tennis: St. Viator at Kalama-zoo.  
Baseball: Michigan State Normal at Armour.  
Monday, May 12  
Junior Week Starts: Open House Night.

## Senior Cap and Gown Fitting Due Friday

All men who expect to graduate in June must be fitted for caps and gowns on Friday, May 9, according to an announcement issued by the Deans' Office. A representative of E. R. Moore and Company will be in the math department offices on the fourth floor from 9:00 A. M. to 3:00 P. M.

The charge is to be \$2.25 payable with the graduation fee. There will be no deposit necessary at the time of fitting.

## Dean Announces Honor Marshals

Dean Palmer announces the selection of the following men to serve as Honor Marshals at the Baccalaureate Sermon and the Commencement exercises this year:

### Juniors

Fred B. Attwood  
Alvin B. Auerbach  
Donald M. Fetterman  
Karl E. W. Hellsen  
Eldon A. Johnson  
Bert S. Lindquist  
Frank F. Strassenburg  
Albert F. Wilde  
Manuel Yzaguirre

### Sophomores

Alexander Bogot  
John O. Cavanagh  
Harold R. Davis  
Harry P. Richter  
Max J. Schinke

## NEWS STAFF HOLDS SPRING SMOKER

The annual Spring smoker of the Armour Tech News was held at the Sigma Kappa Delta House last Wednesday evening, April 30. As soon as the men arrived, bridge games sprang up. After the games were well along, the staff held a business meeting. Professor Hendricks, the faculty advisor of the News, complimented the staff on its record, praised the various departments for their individual and co-operative accomplishments, and especially thanked Kilian K. Knittel, the retiring columnist, for his success in putting out an interesting column each week. Several changes in staff were announced.

Following Professor Hendricks, Fred Attwood, the editor-in-chief of the News thanked the men for their help. Next the meeting turned to jokes. Dave Smith, retired editor, told some good ones, as did Al Auerbach, Professor Hendricks, and Fred Attwood. Following this sort of wit came that familiar and welcome call of "come and get it." The fact that no one was injured in the rush does not mean that the staff was slow in attacking the victuals. After wrapping themselves around the food, the men returned to their games to round out the evening.

## A.S.M.E. Holds Election of Chapter Officers

The Armour branch of the A. S. M. E. held a meeting Thursday, May 1, in room D, Mission, for the purpose of electing officers. The following men were elected to office.

C. T. Link, President  
R. H. Stevenson, Vice-pres.  
R. W. Krause, Sec.  
F. F. Strassenburg, Treas.

During the meeting, lectures were given by Stevenson and Krause, student members of the branch.

Oregon State University recently bought between fifteen and twenty tons of Italian prunes to use in experimental work to determine new standards for drying. Then we suppose they'll feed them to the students.

## LENKE, F.P.E., '31, CHOSEN EDITOR OF ARMOUR ENGINEER

### Managing Board Elects Other Magazine Executives

#### EDIT NEXT ISSUE

A. J. Lenke, F. P. E., '31, was elected editor of the Armour Engineer for the school term 1930-31 at a meeting of the managing board last Friday. He is succeeding N. D. Buehling, the retiring editor. Other offices decided upon were the business manager and the associate editor, and are to be held by J. H. Stranberg, '31, and C. T. Link, '31, respectively. The managing board of the Armour Engineer consists of the retiring editor, N. D. Buehling, I. G. Frost, C. G. Anderson, H. H. Stebbins, F. H. Bigelow, and the Professors Peebles, Freeman, and Hendricks.

These new officers have done a great deal of work for the Engineer in the past year and have shown much interest in the quarterly magazine. According to the retiring editor, the new offices are to be filled immediately and the new men are to have charge of the editing of the next issue which is to appear May 20.

Both Lenke and Link have articles in the May 20 issue. Lenke has written on the "World's Fair of 1933" and Link's article is on the subject of "Atomic Structure."

## Seniors to Make Inspection Trip

Tomorrow, Wednesday, May 7, an all day inspection trip to the plant of the Western Electric Company will be held for seniors except the members of the Department of Architecture. The students of each department are required to sign up with their respective instructors, and only those whose names appear on the list will be permitted to attend. At this time there have been eighty-nine students desiring to go, the group consisting of thirty-three electricals, twenty-two civils, eighteen mechanicals, and sixteen chemicals. About ten members of the faculty will accompany the group. The different departments will separate during the inspection and will see the phases which are most relative to them. All members of the inspection party will be given a luncheon by the Western Electric Company at the plant.

Emphasis is laid on the fact that only senior members are eligible and that they must sign up with their instructor beforehand in order that the Western Electric Company may know how large a group may be expected.

## A. I. Ch. E. to Sponsor Open House Exhibit

The Armour branch of the A. I. Ch. E. held a business meeting in room H last Thursday, May 1, at 1:00 P. M.

The programs to be used for the remaining meetings were announced by J. E. Tarman, president. The special exhibits to be shown on Open House Night were discussed. E. P. Boynton, '30; A. T. Morton, '30; and I. B. Lehman, '31 were elected by the group to engineer the exhibition.

Berlyn G. McLaughlin, C.E. '31, has returned to school following the death and burial of his father. Mr. McLaughlin was killed in St. Louis, Missouri, in an automobile accident, the taxi he was riding in being completely wrecked.



# Armour Tech News

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Exchanges.....A. J. Aukstaitis, '31

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### JUNIOR WEEK

Monday, May 12, to Friday, May 17, inclusive, will be Armour's seventeenth annual Junior Week. Into this short span of five days will be crammed the outstanding events of Tech's extra-curricula activities. Members of the junior class, represented by the Junior Marshals and the various committees, will manage the many events on the well-filled program.

Monday night will be Open House Night, held for the purpose of giving relatives and friends of the students, and prospective students, an opportunity to find out just what the essentials of an engineering school are. Although this event is sponsored by the Institute, the members of the junior class co-operate in every way possible to make this night a success.

On Thursday morning the Interfraternity Track Meet is held, followed that evening by the Interfraternity Sing and the annual Spring Concert of the musical organizations.

This year, for the first time, Circus Day will be on Friday of Junior Week. The events on this day include the Interclass and Interfraternity Relays, the Pentathlon, the Class Rush, and the fraternity stunts.

Friday night is the eventful date of the Junior Prom, Armour's only formal dance. The junior class social committee has been working for months in preparation for this dance which promises to be the most colorful of all Junior Proms.

The Junior Marshals and the committees in charge of these various events have put in a lot of time and hard work in preparation for this week. The only recompense for their labors is the pleasure derived from knowing that their efforts are appreciated by the student body.

Open House Night, the Prom, and the Spring Concert are always good drawing cards, but Circus Day, the truly Junior Day of the week, has, in the past years, been supported only in a half-hearted way by the student body. The crowd watching the various events instead of numbering around eight hundred, has rarely exceeded two hundred. It was for this reason that the Marshals decided to hold the events on Friday. This makes it possible for students who work on Saturdays to participate in or watch the events. A record-breaking Circus Day both in number of spectators and competition in events is expected.

## "The Slipstick"

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

### APPEARANCES ARE DECEIVING

If you look at this from a distance  
You'll probably think it's a poem.  
But it's not a poem at all. It's not  
Even blank verse.

The first line doesn't rhyme with  
Any other line. The second doesn't  
Rhyme either. But just the same,  
It fooled you at first. Didn't it?

(From a Sign in a Cemetery)

"By city ordinance, not allowed to be buried here  
unless—living in this city.

(Juice Exp. No. 3.1416)

### STUDY OF LINES OF FORCE

For this experiment the only apparatus needed is  
an unmagnetizable micrometer caliper to measure the  
distance between the force lines.

The lines are best measured on a cloudy day when  
the sun is out, so that the heat from the clouds ex-  
pands the individual force lines so that they may be  
better handled. Three gausses are taken from the  
atmosphere and laid side by side on a sheet of white  
paper. They may tend to roll apart but a little in-  
sulating non-stick glue will hold them fast. Several  
ohms are taken from the supply tank and run through  
the ohm-sifter to remove any potential gradient. A  
voltage of six abampere amperes per ampere is ap-  
plied, with a dauber, to prevent link fluxages and  
core losses. When the field is opened and the cows  
get out, a non-harmonica alternating current results  
with a zero symbolic impedance. This proves that the  
sinusoidal variations in the lines of force are nil, and  
thus it is concluded that  $F = ma$ .

—The Bongineer

### The Freshman's Ramona

Ammonia! I've spilled the H2SO4  
Ammonia! I've dropped the bottle to the floor  
Ammonia! I'm clumsy; I've gotten the acid all  
over the place.  
Ammonia! I need you, I need you now to act  
as a base.  
Ammonia! I need you, I do.

—Jaesmackse.

We are, always interested in our Coed Contributors.  
May they ne'er cease contributing contribs.

(Headline in Daily News)

"Cubs play cards as Pittsburgh Loses."  
—M. Phthalic Acid.

### NICE KITTY

Josie: "Do you really think she is old?"  
Flossie: "Old? Why she was hitch-hiking when  
the covered wagon crossed the country."  
Dick.

### He Probably Couldn't Drive Safely

"Do you ever allow a man to kiss you when you  
go out motoring with him?"  
"Never. If a man can drive safely while he is kiss-  
ing me he's not giving the kiss the attention it de-  
serves."  
Chester.

A man need not be a bigamist to have one wife too  
many.

Slang is sport model language stripped down for  
more speed with less horsepower.

Seniors—three months—freedom—\$?

### MORAL—NONE

A dog was carrying a piece of meat across a bridge.  
As he crossed the stream, he saw the image of an-  
other piece of meat in the water. He laid the piece  
of meat he was carrying carefully on the bridge and  
jumped in. In a moment he reappeared with the  
other piece, climbed onto the bridge and walked off  
with both pieces.  
—R. S. F.

A very excellent time to kill two birds with one  
stone is during a saxophone duet.  
—Joe

### HOW ODD

"Where did you get those wonderful eyes?" she  
cooed.  
"They came with my face."  
—Chester

Tramp—"Could you give a poor fellow a bite?"  
Kind Lady—"I don't bite, but I'll call the dog, if  
you like."  
—Walt.

Love makes the world go round, but then for that  
matter so does a good swallow of tobacco juice.

Well, folks, my first last line. Would I say as I  
think, this would, instead of being my first last line,  
most probably, be my last last line.  
—Phil J.

## Professor Thomas Eaton Doubt

(A Biographical Sketch)  
BY CHARLES BLANNA, '31

Thomas Eaton Doubt, Associate  
Professor of Physics, was born in  
Louisville, Kentucky, on February  
15, 1870, and received his grammar  
school education in this city. He  
received his preparatory training  
at the Latin School of the Univer-  
sity of Nebraska, under the tutor-  
ship of the head Professors of the  
University.

He then attended Nebraska Wes-  
leyan University, where he received  
his B. S. degree in 1892. Four years  
later he was awarded an M. A. de-  
gree from the University of Neb-  
raska. He received his Ph.D degree  
from the University of Chicago in  
1904 for his research on the effect  
of intensity on the velocity of light.  
He also wrote another thesis on the  
"Effect of motion of the medium  
on the velocity of light," immedi-  
ately following the first as a con-  
tinuation of his research.

In 1894 Professor Doubt was a  
fellow in Physics at the University  
of Nebraska and in 1897 he joined  
the staff of the University of  
Washington, at Seattle, as a Pro-  
fessor of Physics, where he re-  
mained for five years. After at-  
tending the University of Chicago,  
as a fellow in physics for one year,  
he joined the staff at the Institute,  
as an Instructor. One year later,  
in 1904, his title became that of As-  
sociate Professor of Physics.

In 1902 he married Miss Ruth  
Pratt of Seattle, a graduate of the  
University of Washington. They  
have four children, two are at the  
present time attending school,  
while the two older daughters are  
in the teaching profession, having  
already received their college de-  
grees. The eldest daughter has  
two degrees from the University of  
Chicago and is now a fellow in-  
structor at the University of Cali-  
fornia, at Berkeley.

Professor Doubt is a member of  
Sigma Xi, honorary scientific frater-  
nity, a fellow of the American  
Association for the Advancement  
of Science, and a member of the  
American Physical Society.

During the past six years he has  
also been employed as physicist for  
Underwriters Laboratories, in  
which capacity his work consists  
chiefly of the calibration of instru-  
ments, studying the propagation of  
flame in explosions, and spectro-  
scopic work. He has also done var-  
ious kinds of consulting work in  
optics for private companies.

His chief interest lies in his vo-  
cation, especially in the study of  
light, both the theory and com-  
mercial applications, with all the  
incidental problems attached to the  
subject. Because of this special in-  
terest he has just recently in-  
corporated in to the curriculum of  
the Institute an elective course on  
the theory of light, in which be-  
sides the theory, as commercial a  
problem as air port illumination is  
analyzed. As a hobby he enjoys  
the study of fine sound, namely,  
the opera and symphony orchestra  
productions. Travel also holds  
fascination for him.

### Stink Bomb Gases Schmier-Chemikers

Dr. Gill was interrupted in his  
morning lecture to the Freshman  
chemicals last Thursday morning  
by a sudden rush of the members  
of his class to the windows. Henry  
Fishman had noticed a small glass  
container filled with a colorless  
liquid. It had an odd odor and he  
put it on the vacant chair next to  
him intending to find out what it  
contained later. It was a "stink  
bomb" and revealed itself to the  
members of the class when Fish-  
man accidentally jostled the chair on  
which it was resting.

All day Thursday the electricals  
who had classes on that floor (the  
bomb went off in the Physics lec-  
ture room) went around with their  
noses wrinkled up. In addition, the  
class continued in the midst of  
the stench while those members  
of the faculty and student body  
made famous by Barnum trailed  
down the corridor, poked their  
noses in the door, and hastily with-  
drew to the open and fresh air that  
was gently being wafted towards  
Armour from the stockyards.

## FRATERNITY NOTES

### PHI KAPPA SIGMA

The recently elected officers of  
Phi Kappa Sigma are: President,  
Maxwell Larkin; vice-president,  
Robert Wilson; secretary, Raymond  
Nelson; treasurer, Henry Weis.

Friday, April 18th, the Phi Kaps  
entertained their alumni at a  
smoker. The fine turnout showed  
to a marked extent the interest of  
the alumni in the active chapter.  
In entertainment and the fine time  
that was enjoyed, the house dance  
that was given May 3rd rivaled the  
house-warming dance, which no  
doubt many on the campus re-  
member.

We are pleased to announce the  
pledging of Frederick Beale.

### SIGMA ALPHA MU

Sigma Alpha Mu held its annual  
spring house party at the home of  
Avon Simon, last Saturday night.  
The affair was a huge success, with  
a turnout of members and alumni  
that well repaid the efforts of the  
social committee.

### DELTA TAU DELTA

Gamma Beta is giving a dance  
Saturday, May 10, to celebrate  
Founders' Day and to honor the  
graduating seniors.

### TRIANGLE

Art Oberbeck, our social chair-  
man, is making plans for a Senior  
Farewell Party on May 10. It looks  
as though the seniors will leave  
with an everlasting remembrance  
of their fraternity days.

Brothers from all our chapters  
will be visiting us during the week,  
as the annual National Convention  
is being held at the Edgewater  
Beach Hotel.

### KAPPA DELTA TAU

Preparations are in full swing for  
the May 11 dance. Everybody is  
selling tickets. P. Portroy, social  
chairman, is in charge of the affair.

R. E. Nelson '33 has been dubbed  
"the walking notebook" by Mr.  
Foerster, the forge instructor.  
While Mr. Foerster was demon-  
strating a problem, one of the fel-  
lows was busily engaged in draw-  
ing the data on the back of Nelson's  
coveralls with a piece of chalk.  
This data was used by the mem-  
bers of the class from time to time  
during the forge period to check  
up on their work. Hence the nick-  
name or appellation.

J. H. Clouse, '20, was a recent  
visitor at the Institute. Clouse was  
head of the physics department at  
the Sioux Falls, S. D., high school  
for eight years. At the present  
time he is an instructor in mechan-  
ical engineering at the University  
of Notre Dame.

Here's something for the London  
naval conference delegates to think  
about. With skirts getting lower  
and lower, it won't be long until  
the freedom of the "sees" will be a  
thing of the past.

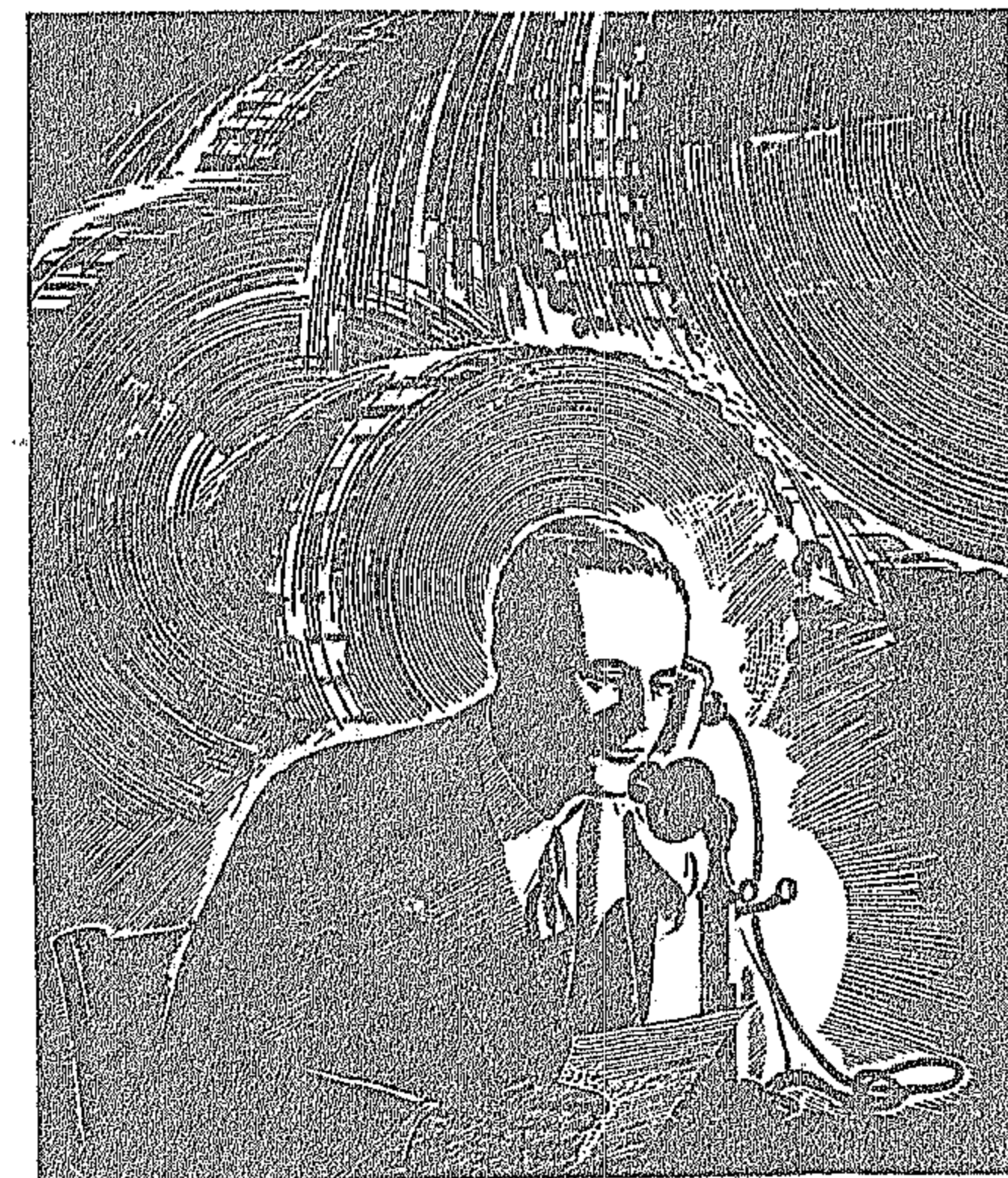
Complete Satisfaction Guaranteed

### WOODLAWN DRESS SUIT RENTAL CO.

S. RUBACHA, PROP.

FULL DRESS, CUTAWAY  
AND  
TUXEDO SUITS

558 EAST 63RD STREET  
Phone Plaza 7310



## America travels in high

This is an age of speed, comfort, smooth  
coordination. The telephone has helped to  
make it possible.

During the last thirty years the public  
has increased its use of the telephone 900%.  
At the same time the Bell System has  
kept making service faster and more  
accurate.

To improve and increase facilities, more  
than 550 million dollars were expended in  
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### WHEATON TRACK SQUAD DEFEATS ARMOUR, 65-61

#### Nose Out Tech Runners In Last Event of Meet

#### PAUL AND STURM STAR

The Armour track team suffered its first defeat this year at the hands of Wheaton College at Stagg Field last Tuesday afternoon, by a score of 65 to 61.

Armour had better than a ten point lead in the early part of the meet, and still had a four point lead down to the last event, the broad jump, in which the opponents scored a "slam," throwing the balance of points in their favor. As usual, Hess won the two events in which he competed. This time he won the mile in 4:30.4 and the half mile in 2:06.9.

Paul and Sturm made as many points as ever. Paul took first place in the shot put and high jump, and a second place in the discus. Sturm ran exceptionally well, taking first place in three events, the hundred yard dash, the two hundred and twenty yard dash, and the quarter mile.

#### Summaries

100-yd. Dash—1st, Sturm, A; 2nd, Tillman, W; 3rd, Wiley, W. Time, :10.5.

220-yd. Dash—1st, Sturm, A; 2nd, Wiley, W; 3rd, Hirsch, A. Time, :22.7.

440-yd. Dash—1st, Sturm, A; 2nd, Crawford, W; 3rd, H. L. Fox, A. Time, :51.5.

880-yd. Dash—1st, Hess, W; 2nd, Evans, W; 3rd, Iverson, A. Time, 2:06.9.

1-mile Run—1st, Hess, W; 2nd, Sademan, A; 3rd, Iverson, A. Time, 4:30.5.

2-mile Run—1st, Hoeldtke, W; 2nd, Sademan, A; 3rd, James, A. Time, 10:33.8.

120-yd. High Hurdles—1st, Stough, W; 2nd, Kara, A; 3rd, Ed. Ransel. Time, :16.0.

220-yd. Low Hurdles—1st, Tillman, W; 2nd, Kara, A; 3rd, Hirsch, W. Time, :26.7.

Pole Vault—1st, Luckett, A; 2nd, Tied by Landis, W and Aldrich, W. Height, 10 ft.

Discus—1st, Walvoord, W; 2nd, Paul, A; 3rd, Burns, W. Distance, 107 ft. 10 ins.

High Jump—1st, Paul, A; 2nd, Aldrich, W; 3rd, Kara, A. Height, 5 ft. 4 ins.

Broad Jump—1st, Tillman, W; 2nd, Davies, W; 3rd, Swink, W. Distance, 20 ft. 4 ins.

Shot Put—1st, Paul, A; 2nd, Evans, W; 3rd, Kara, A. Distance, 44 ft. 7 3/4 ins.

Javelin—1st, Cordes, A; 2nd, Ed. Ransel, A; 3rd, Fredman, W. Distance, 143 ft 4 ins.

#### Glee Club Prepares For Spring Concert

Several important announcements were made at the last rehearsal of the Glee Club, Thursday, May 1, by the president of the club, W. R. Manske, '30.

At that time it was made known that the rehearsal for this week would be held tonight at 5:00 p. m., instead of this Thursday. The reason for the change is that Dr. Prothro cannot be in town to conduct the Glee Club's rehearsal on Thursday.

The rehearsal is in direct preparation for the Spring concert which will be held in the gymnasium at 7:00 p. m. on Thursday, May 15.

Those who have been in the choral group for one year are entitled to a watch charm and those who have already gotten a charm are entitled to an additional star on the emblem. President Manske has the charms for the deserving ones and he should be seen con-

### A. I. E. E. Hears Student Talks

Two talks, each given by students, were the feature of the regular meeting held last Thursday afternoon in Science Hall by the Armour Branch of the A. I. E. E. at 1:00 P. M.

The first talk was given by Frank Sanford, '30, on "Electric Refrigerating." Last summer Sanford worked for the Commonwealth Edison Company in connection with servicing refrigerators. From the experience gained at this time, he described the refrigerating apparatus and told of an interesting incident which happened while he was on a servicing job.

"Electric Tabulating" was the title and substance of the talk given by J. Taylor, which followed next. By means of a wiring diagram and an illustrated card, Taylor explained the operations and functions of the electric tabulating machine. The machine, though complicated, is used in a multitude of ways. The U. S. Bureau of Standards first developed the outfit for use in the taking of the census. Since then it has been invaluable in accounting and other fields.

Several important announcements were then made by the president, Pallenmeier, '30. On May 13 a banquet is going to be given by the Chicago section of the A. I. E. E. at the Sherman Hotel. In the past the Armour Branch has always been represented, and this year expect to be more so, for home talent is going to make itself known in a short skit. The price will probably be \$2.00.

The A. I. E. E. expects to conduct two more meetings this semester. One on May 22 and the other on May 29.

A speaker from the Bryant Electric Company will probably talk on May 22 and election of officers will be held May 29, along with the reports of the outgoing officers and committees.

The joint meeting which had been scheduled with Lewis Institute has been deemed impractical because of adverse conditions.

#### Math Professors Attend Convention

Dean Palmer and Professors Kratwohl, Teach, and Haggard, attended the Eleventh Annual Meeting of the Illinois Section of the Mathematical Association of America at Lake Forest College last Friday and Saturday.

Some of the topics of the program were as follows: The Reign of Probability, Fractional Derivatives, Illustrated Lecture of the New Chicago Planetarium, and Axial Coordinates.

cerning this as soon as possible.

Business Manager J. H. Kovarik has charge of ordering the white trousers which must be worn on the night of the concert. Members not possessing a pair and wishing to get them through the school must see Kovarik for details.

The Glee Club has made arrangements to sing over the radio through station WCHI on Wednesday, May 21.

### ARX NEWS

Some of the men about the Institute have been asking why Armour did not offer a course in Architectural Engineering as did many of the other colleges. They said that they thought they would prefer to study in a course which offered half engineering and half architecture.

The reason for the course not being offered is best explained by the office in that they consider that a man should not do two things at once. It is better for him to put his mind down to one thing at a time. The fundamentals of the engineers' profession are given along with the complete course in architecture and the relating subjects, in the existing course.

Peter Dalise, '33, can afford to feel proud now. In the judgment of the freshmen composition plates he was the only one to receive a First Mention.

The Seniors and Juniors are courting, "Charret-Poche," again. This is a subtle one.

Now is the time for all good men to come to the aid of the upperclassmen. Their problem is nearly done, therefore there will be a lot of "niggering" going on.

Don Hougen, '30, was around visiting his old haunts from his home in Wisconsin Rapids, Wis. We wondered why he did not spend more time here—and then we found out. Don is engaged to Miss Yolanda Bacci, sister of Hugo (Al) Bacci, '26.

Here is a second instalment in the list of books selected by the Committee on the selection of books for the Burnham Library as their choice for the foundation stones for an architects library.

Kimball, Fiske—"Domestic Architecture of the American Colonies and of the Early Republic." 1922.

Latham, Charles—"In English Homes." 3 vols. 1904-1909.

Letroilly, P. M.—"Edifices de Rome Moderne." 3 vols. 1874.

Major, Howard—"The Domestic Architecture of the early American Republic; and the Greek Revival." 1926.

Moore, Charles—"Daniel Hudson Burnham." 2 vols. 1921. "Palast Architektur von Ober-Italien und Toskan." 6 vols. 1886-1894.

Perrot, Georges and Chipiez, Charles—"Histoire de l'Art dans l'Antiquite." Translated by Armstrong. 6 vols. 1883-1894.

Pray, J. S. and Kimball, T.—"City Planning." 1913.

Prentice, A. W.—"Renaissance Architecture and Ornament in Spain." 1893.

Pugin, A. W. and A. W. N.—"Examples of Gothic Architecture Selected from Various Ancient Edifices in England." 1825, 1850.

Pugin, A. C.—"Gothische Ornament." E. C. K.

Dr. Daniel Protheroe, leader of our choral society, led the Illinois Bell Telephone Glee Club in a series of numbers that, according to the critic of the Chicago Tribune, was "unusually well done for an amateur singing group." Dr. Protheroe was praised very highly for his success with this group.

### ARMOUR TENNIS TEAM DEFEATED IN THREE MEETS

The Tech racket men received their second setback last Tuesday when they met the Loyola team on our home courts to tune of 5 to 2. Spencer took one singles match for the home team, and the other point scored was secured through the well placed efforts of Eddy and Schirmer in one of the doubles.

Results: Singles—Zwikstra (L) defeated Winkler (A) 6-3, 7-5; Dwyer (L) defeated Eddy (A) 6-0, 6-1; O'Connor (L) defeated Scott (A) 6-3, 7-5; Frisch (L) defeated Schirmer (A) 5-7, 6-4, 7-5; Spencer (A) defeated Le Mar (L) 7-5, 6-4.

Doubles—Zwikstra and Dwyer (L) defeated Winkler and Scott (A) 6-0, 6-2. Eddy and Schirmer (A) defeated Frisch and O'Connor (L) 6-3, 6-4.

Final Score—Loyola 5—Armour 2. On Wednesday the noted Notre Dame racquetteers defeated Armour by a 6-1 score. Scott was the only Armour man to win a match.

The "Y" College net men also joined the van guard and defeated Armour last Friday to the tune of 6-1. The men had an off day this time, and really should have done better.

Results: Singles—Beck (Y) defeated Winkler (A) 6-2, 7-5; Chu (Y) defeated Scott (A) 6-1, 6-2; Eddy (A) defeated Westphal (Y) 7-5, 6-4; Cary (Y) defeated Schirmer (A) 7-5, 6-4; Shaw (Y) defeated Timmermans (A) 6-2, 3-6, 6-1.

Doubles—Beck and Chu (Y) defeated Winkler and Scott, 6-1, 6-0; Cary and Westphal (Y) defeated Eddy and Schirmer 6-3, 3-6, 6-3.

### Chemical Engineering Degree Given at Cornell

To meet with the demand for men trained in chemical engineering, the Department of Chemistry at Cornell has arranged with the College of Engineering to offer a joint curriculum leading to the degree of chemical engineer after five years of required and elective work. During the first four years, the students are registered in the College of Arts and Sciences, and on completion of the term will receive the degree of Bachelor of Chemistry. During the fifth year of residence, the student will be registered in the College of Engineering, and will receive the degree of Chemical Engineer upon the completion of addi-

tional work made up of lecture and laboratory courses in chemical, mechanical, and electrical engineering, supplemented by certain electives and work in machine design and chemical-plant design. The degree of Ph.D. may be obtained, as at present, by the completion of two additional years of graduate work.

At the University of Oklahoma, a complaint was filed against two churchgoers for "necking in church."

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# UNIVERSITY OF CHICAGO WINS FIRST ARMOUR TECH OUTDOOR INVITATIONAL TRACK MEET

## North Central of Naperville Takes Second Place With 60 Points; Taylor, Knox, Wins 100 and 220 Dashes

### CAPTAIN DON PAUL WINS SHOT PUT

Athletes representing the University of Chicago ran off with Armour Tech's first annual outdoor invitation track meet held at Stagg Field Saturday afternoon. Chicago scored a total of 132 points to win first place by a wide margin from North Central College which gathered 60 points for second place. Loyola took third with 52 points; Lake Forest was in fourth place with 48 points; Knox and Milwaukee Teachers tied for fifth place with 44 points. Armour registered 28 points for seventh place in a standing which included 13 schools.

#### 100 Goes in 9.7 Seconds

The outstanding performance of the meet was the sprinting of the Knox flash, Taylor. In the finals of the 100, Taylor hooped the distance in 9.7 seconds to nose out East of the University of Chicago. The trial heats in the 100 were run in 10.1 seconds or better. The 220 final proved to be a thriller when this same lad Taylor beat Captain Norman Root of Chicago. His time for the distance was 21.6 1/2 seconds.

#### Sturm and Fox Place

The Armour team which had little trouble in winning the indoor invitation last March did not fare so well in the outdoor events. Captain Paul was easily the class of the field when he heaved the brass ball 46 feet 10 1/2 inches. His best throw was more than two feet farther than his nearest rival, Teenery of Knox College.

Vern Sturm won the first heat in the 440 in 51.4 seconds, which is better than the school record. However, in the second heat Harold Fox placed fifth and according to the officials his time was better than Sturm's, although Sturm had won the first heat.

#### O'Neil and Teitleman Win

In the mile race O'Neil of Loyola barely nosed out the Chicago star, Teitleman. In the first race of the 880 Teitleman evened the score with his northside rival when he won the race in 2:03.9. Elmer Sademan, Armour flash in the mile, placed third in his specialty.

Hurdle races provided interest for the spectators who watched Haydon win both the low and the high barriers. In the low hurdles he was closely followed by Thompson of Marquette. Gutekunst of Concordia beat Root in the broad jump by a leap of 22 feet 5 3/4 inches. Root's best jump was 22 feet 4 inches. Gerbath of Wisconsin State Teacher's College had things his own way in the discus with a throw of 123 feet 11 inches. Gerbath's team mate Van Horne won the javelin with a throw of 150 feet 4 inches.

The meet, the first of its kind ever attempted at Armour was a huge success from every standpoint. Very nearly 300 athletes from neighboring colleges competed.

#### Summaries

**ONE MILE RUN**—Won by O'Neil, Loyola; Teitleman, Chicago, second; Sademan, Armour, third; Fink, Chicago, fourth; Hornbeck, North Central, fifth. Time, 4:33.9.  
**440 YARD 1ST RACE**—Won by Sturm, Armour; Murphy, La Grange, second; Freudenthal, Chicago, third; Mann, Loyola, fourth; Pucel, Milwaukee Teachers' college, fifth. Time, 51.4.

**440 YARD, SECOND RACE**—Won by Letts, Chicago; Sherman, Knox, second; Coville, Chicago, third; Zulle, Loyola, fourth; Fox, Armour, fifth. Time, 49.4.

**100 YARD DASH**—Won by Taylor, Knox; East, Chicago, second; Rpot, third; Shaefer, North Central, fourth; Ramsay, Chicago, fifth. Time, 9.7.

**120 YARD HIGH HURDLES**—Won by Hayden, Chicago; Jirke, Morton Junior college, second; Shaefer, North Central, third; Parker, Lake Forest, fourth; Walton,

## Tech Beats Western State at Kalamazoo

In a hard fought battle staged with Western State at Kalamazoo, Michigan, last Friday, Tech won by a score of 5-4. Miran did some wonderful hitting with a single and a home run. Hauser brought in a run early in the game. It was Miran's home run in the ninth that brought in Mago and gave Armour the game.

Simpson's pitching was superb and Weldon did wonders in the field. The game was played in a high wind, making it difficult to judge fly balls. Eight hits were registered by each team.

### Phi Pi's Win From Triangle: Score 26-2

The Phi Pi Phis elevated themselves into the inter-fraternity finals by scoring a decisive 26-2 victory over the Triangles last Thursday evening at Armour Square. This victory gives the Phi Pi Phis a chance to meet the winner of the Beta Psi-Sigma Alpha Mu game for the inter-fraternity championship of the school.

The winning team pounded out 26 hits, three of which were home runs. Gregerson, Ott and Owen made the four-base hits. Ott, the Phi Pi Phi hurler, limited his opponents to four hits. Two of the four hits were collected by Lind. His first hit, in the second inning, accounted for the only two runs that the Triangles made.

The Phi Pi Phis commenced scoring in the first inning and continued annexing runs throughout the entire game with the exception of the fourth inning. They garnered three runs in the first and sixth innings, eight runs in the second, and six in the third and fifth innings.

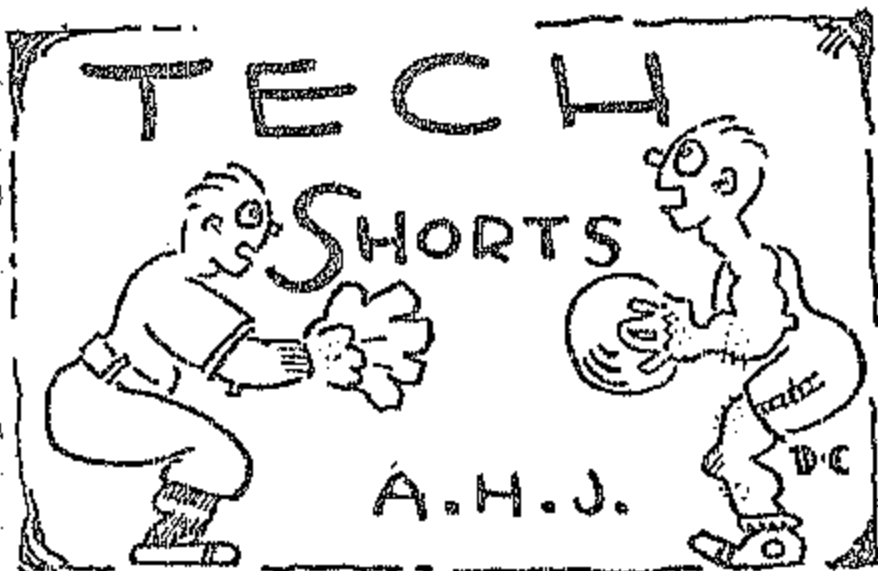
## Inter-Fraternity Tennis Games

The inter-fraternity tennis tournament opens today when the Phi Pi Phi's clash racquets with the Sigma Alpha Mu men, the Phi Kappa Sigma's will also open up against the Beta Psi outfit. The winner of the first match today will play the Sigma Kappa Delta's who drew a bye in the first round. Likewise the winners of the second game will face the Theta Xi courtmen.

There will be three men on a squad who will play one double and two single matches. The best two out of these will win the match. The games do not necessarily have to be played on the Armour courts, but arrangements can be made between the various squads. Each match however must be played on or before the scheduled dates.

### Tennis Team Meets Valparaiso Today

The tennis schedule calls for a match with Valparaiso today, and we hope that the gang will have a change of fortune that will bring home some victories. To date the schedule has seen us on the short end of the scores due to various reasons. Most of the men are new to collegiate competition and hence it will take them some time to get into shape.



#### A GOOD START

Last week, Armour teams acted much like the weather. At times they looked like a million dollars, then again they looked like dark clouds. A baseball contest was played with "Y" college but the unkindly weather man frowned on the boys in the third inning, thus causing the game to be called off with the victor not decided. However, at the time the shower occurred, our boys were way out ahead by some four runs.

\* \* \*

Over the week-end the team made its annual trip to Michigan where Western State was met on Friday. Saturday the team played at Ypsilanti where Michigan State Normal College was played.

#### BASEBALL TOMORROW

Tomorrow Western State is to meet Tech on our diamond while the Michigan State team is to play at Armour on Friday. Captain Simpson and Chief Stehno will hurl in these very important games.

\* \* \*

We might remark that Link got his annual hit in the game with Lake Forest. Stehno who topped .600 last year has yet to connect safely. You remember Ed made 15 hits in 25 trips to the plate last season for the team record.

#### TRACK

Last Tuesday the unexpected happened when our undefeated track team was beaten by Wheaton. The score 65-61, indicates the battle which was staged for points.

\* \* \*

Vern Sturm turned in some remarkable times in the three events in which he took part in this meet. After winning the 100 yard dash by a safe margin, he stepped out to win the 220. When the call was made for the quarter mile run, Sturm was the first at the post and the first to finish. Had he not slowed down at the finish he would have broken "Chet" Long's record for this distance.

\* \* \*

Captain Don Paul won the shot and the high jump. His discus heave landed him second place; something like one inch separated him from first place in the saucer heave.

\* \* \*

When the distance races and the hurdles were completed, Tech was slightly ahead in points. As the places in the field events were announced the Wheaton total gradually mounted. The broad jump, the last event decided the meet. It seemed that our boys made their best jumps only at the times they fouled. Wheaton made a clean sweep in this event to win the meet by a slim four points.

\* \* \*

The half mile race was won by Wheaton's flying sensation, Hess. Dan Iverson pulled a shoe on the first turn but still he finished to score a place for Tech. Luckett and Cordes came through with firsts in the pole vault and javelin respectively.

\* \* \*

**FRESH GOLF SQUAD**  
Coach Leigh of the golfers, tells us that he has a squad composed mostly of freshmen this year. Dave

## Triangle Team Swamps Phi Kaps by 18-5 Score

The Triangles forged into the semi-finals last week in the inter-fraternity indoor baseball league when they defeated the Phi Kappa Sigma nine by an 18-5 score. Olson, the Triangle pitcher, was the stellar player of the contest, holding the aggregation to only five runs and not many more hits.

Larkin proved to be a worthy man on the mound as long as it lasted, for the Phi Kappa Sigmas, but his support began to waiver in the third inning and blew up entirely in the fourth. In the hopes of regaining some control of the ball, Smith was yanked from the catcher's box and planted on second base. Other changes were effected but still the Triangles kept piling up the runs.

The Sigma Alpha Mu squad won by default over the Kappa Delta Tau sluggers assuring them a berth in the semi-final round. The fact that the first basemen sustained an injury before the game and pitcher being on the sick list made it impossible for them to produce any competitive team.

Smith has been out with the team for several weeks now and seems to be the low scorer.

The tennis squad has been experiencing some rather tough sailing in the last few matches. The doubles combination of Schirmer and Eddy seems to have the best record so far.

And then there is the interfraternity baseball, golf, tennis, songfest, track, relay, etc., and the inter-class athletics which we might short circuit for some news. Well, it's May now and who in the heck wants to write in May?

## Tech Nine Plays Twice Next Week

Perhaps one of the most entertaining weeks of sports which the entire college year will afford, is on the threshold of the student body in the form of two baseball games to be waged on Ogden Field tomorrow and Friday afternoons. Western State Normal's contingent of Ypsilanti, Michigan, is our guest on the morrow while the Michigan State teachers hailing from Kalamazoo will fight it out for the supremacy of the diamond on the ninth of May.

The Western State Normal squad met and defeated the proud Cardinal team of the University of Wisconsin several weeks ago and have other notable victories in their string. It is our guess that you will see King Simpson hurling against the Bay States.

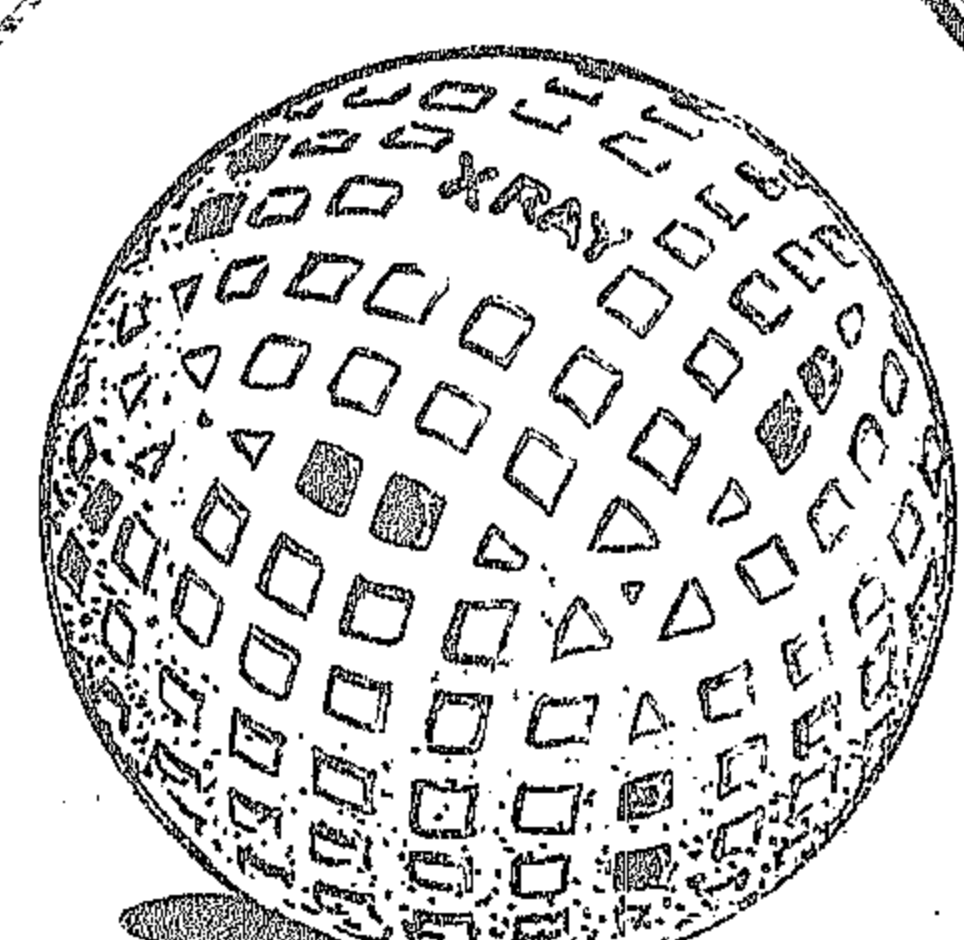
Chief Stehno is the likely candidate for the pitching assignment when the Kalamazoo clubbers come to town. They are noted for their proclivities with the bat. Since our right field fence is just a good running broad jump from first base, anything is likely to happen.

The advent of bad weather has been a boon to Kraft's products and the batting of the regulars has been improving by leaps and bounds. Hence it can be expected that Tech will pack the desired punch in the pinch.

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Y. M. C. A. College	14
La Grange	14
Concordia	10
Morton Junior	10
Sears Roebuck Y.	8
Marquette	8

Morton Junior college, fifth. Time, 15.8.

**SHOT PUT**—Won by Paul, Armour; Teenery, Knox, second; Gerbath, Wisconsin State Teachers' college, third; Parker, Lake Forest, fourth; Vincenti, Loyola, fifth. Distance, 46 feet 10 1/2 inches.

**HIGH JUMP**—Won by Walsh, Loyola; Stewart, Chicago, second; Sufaliko, Sears Y; Ernst, Milwaukee Teachers; Heinhorst, North Central; Walker, North Central; Fieldhouse, Lake Forest, tied for third. Height, 5 feet 8 inches.

**DISCUS**—Won by Gerbath, Wisconsin Teachers college; Henders, N. W. Teachers college, second; Teenery, Knox, third; Walsh, Loyola, fourth; Colclasure, Lake Forest, fifth. Distance, 123 feet 11 inches.  
**880 YARD FIRST RACE**—Won by Teitleman, Chicago; O'Neil, Loyola, second; Zuley, Loyola, third; Pucel, Wisconsin Teachers, fourth; Elliott, Knox, fifth. Time, 2:03.9.

**880 YARD SECOND RACE**—Won by Sebosky, Lake Forest; Compton, North Central, second; Sufaliko, Sears Y. M. C. A., third; Hyer, Y college, fourth; Kirby, Loyola, fifth. Time, 2:05.4.

**POLE VAULT**—Won by Keich, Y. M. C. A.; Hinders, North Central, second; Mayne, Chicago, third; Parker, Lake Forest, fourth; Huck, Lake Forest, fifth. Height, 12 feet.

**TWO MILES**—Won by Kelly, Chicago; Harlacher, Chicago, second; Haase, La Grange third; Lowrie, Chicago, fourth; Hornbeck, North Central college, fifth. Time :10.8/10.

**JAVELIN**—Won by Van Horne, Wisconsin State Teachers' college; Swanhurd, Northwestern Teachers' college, second; Martin, Lake Forest, third; Heinhorst, Northwestern Teachers' college, fourth; Weber, Wisconsin State Teachers' college, fifth. Distance—150 feet 4 inches.

**220—LOW HURDLES**—Won by Haydon, Chicago; Thompson, Marquette, second; Kenney, Lake Forest, third; Parker, Lake Forest, fourth; Baumgartner, North Central, fifth. Time, :24.6.

**220 YARD DASH**—Won by Taylor, Knox; Root, Chicago, second; East, Chicago, third; Schaefer, North Central, fourth; Ramsay, Chicago, fifth. Time, :21.6 1/2.

**BROAD JUMP**—Won by Gutekunst, Concordia; Root, Chicago, second; Gother, Wisconsin State Teachers' college, third; Martin, Lake Forest, fourth; Weiss, Chicago, fifth. Distance—22 feet 5 3/4 inches.

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