

# Armour Tech News

Vol. VI. No. 2

Armour Institute of Technology, Chicago, Illinois

Tuesday, September 30, 1930

## COMMITTEE OF EX-OFFICERS WILL PLAN AND SUPERVISE CLASS ELECTIONS THIS YEAR

Upperclassmen Nominate Candidates by Petition;  
All Elections To Be Held  
on Same Day

WILL WELCOME SUGGESTIONS

A committee composed of the following men who were officers of last year's classes is to take complete charge of all class elections to be held this year:

F. B. Attwood, '31, Chairman  
W. Drigot, '31  
S. M. Lind, '32  
J. B. Dirkers, '32  
R. W. Carlstrom, '33  
W. W. Davies, '33

Although no definite plans have been announced by the committee, it is probable that the system of nominating by petition which several classes used last year will be adopted for all the classes except the freshman. The first year class will hold nominations from the floor. Details as to the number of signers needed to nominate and the dead line for the nominating petitions will be announced during the early part of next week.

After the nominating ballots have been checked over by the members of the committee, an election day will be announced on which all students of all classes and all departments must vote. A day will be selected which will be convenient to the greatest number of students. Suggestions concerning any phase of the election procedure will be welcomed by members of the committee.

## Schommer Again to Be Referee

Professor J. J. Schommer's annual work as an official of the major college football games this year will start on October 4th when Notre Dame meets Southern Methodist at South Bend.

The Notre Dame stadium will be officially dedicated on October 11th when the Navy meets Notre Dame.

Four Big Ten contests are included in Professor Schommer's schedule of twelve games.

One of his most important games will be the 45th annual consecutive meeting of Male High School and Dupont Manual Training High at Louisville, Kentucky, on Thanksgiving Day.

The complete schedule for 1930 is as follows:

October 4th—Southern Methodist at Notre Dame.

October 11th—Navy at Notre Dame.

October 17th—West Virginia at Detroit (night game).

October 18th—Michigan at Ohio State.

October 25th—Illinois at Michigan.

November 1st—Purdue at Illinois.

November 8th—North Western at Indiana.

November 15th—Penn State at Iowa.

November 22nd—Notre Dame at North Western.

November 27th—Male High School and Dupont Manual Training High at Louisville.

November 29th—Army and Notre Dame at Chicago.

December 6th—Georgia and Georgia Tech at Atlanta.

Both sophomores and freshmen, particularly freshmen, are urged to become acquainted with the functions of the Campus Club. The organization has rooms in Chapin Hall—first floor, third entrance, right. Men desiring to be admitted to the membership of the Campus Club may visit the rooms for further particulars.

## Major Awards Go to 28 Athletes

The Armour Tech Athletic Association awarded major "A" blankets to ten graduating seniors and major "A" sweaters to twenty-eight men. Three men were awarded major "A" manager's sweaters.

Three men received letters in two sports. King Simpson was awarded captain's letters in baseball and basketball. Captain-elect Robin was also awarded letters in baseball and basketball. W. M. Miran received two letters in the same sports as Simpson and Robin.

### Blanket Awards

W. K. Simpson  
J. Edstrand  
J. J. Kara  
E. R. Rowley  
D. T. Smith  
V. A. Sturm  
W. R. Trognitz  
B. J. Weldon  
D. J. Paul  
F. O. Tell

Major "A" Sweaters Awarded,  
1929-30

### Basketball

C. J. Robin  
H. C. Rossing  
W. M. Miran  
S. A. Ott  
F. E. Rutkowski  
E. R. Rowley  
H. W. Faulstich, manager  
W. K. Simpson, captain

### Baseball

B. J. Weldon  
C. C. Mago  
E. D. Anderson  
H. Hauser  
W. Miran  
C. Link  
E. H. Stehno  
G. Reichle  
S. Pepe  
C. J. Robin  
E. W. Short, manager  
W. K. Simpson, captain

### Track

V. A. Sturm  
F. M. James  
H. L. Fox  
D. J. Iverson  
E. E. Sademan  
A. H. Jens  
J. J. Kara  
Wm. Hafner, manager  
Donald Paul, captain

### Swimming

F. C. Strauch  
W. R. Trognitz

## Former Dean Monin Undergoes Operation

Lewis Monin, former dean at Armour Institute, is critically ill according to President Raymond. President Raymond received a letter from Mrs. Monin, in Zurich, to the effect that her husband had undergone a major operation there and was in a serious condition.

The doctors agreed, however, that he was in as good a condition as could be expected after such a trial. These reports are very encouraging.

Dean Monin was well loved by the students of his time. Having left the Institute in 1927, he was known by the graduating class of this year.

It is the sincere hope and wish of the faculty and the student body that Dean Monin fully recovers and together they extend their sympathy to Mrs. Monin.

## PROGRAM CARDS

The office of the Deans urges all students to turn in program cards this week. Many times an emergency call makes it imperative that the office get in touch with a student, but until a program card is filed, it is impossible to do this.

## DEANS ADDRESS FROSH IN SECOND MEETING OF YEAR

Friday, Sept. 26, the freshman class attended its second assembly of the year. Dean Palmer addressed the men. Much useful information was disclosed regarding the Freshman Handshake, the Rushing Season, and absences from class.

The Freshman Handshake will take place on Wednesday, Oct. 1, at 8 o'clock in the evening and is sponsored by the Campus Club. All freshmen are urged to attend. Refreshments and entertainment will be provided. The purpose of this meeting is to give the members of the freshman class a chance to get acquainted with the upper classmen as well as with members of their own class.

Those who are absent from class for any reason whatsoever must obtain an absence blank from the instructor, fill it out and return it.

All the freshmen were urged to get into as many activities and organizations they possibly could. The Glee Club and Stresses and Strains were mentioned as good starting points for showing college spirit.

Should any of the freshmen find things dark and discouraging they are to see the Dean or any of their instructors who will be glad to help them.

Dean Palmer revealed some interesting statistics regarding the Freshman class. Every year out of the entire class ten or twelve drop out on account of sickness, about 20 drop out because they can't keep up the pace. At the end of the semester about 20 men are placed on probation, that is, given another chance and 18 or 20 are dropped outright for poor scholarship.

With the words "We are here working in partnership—the faculty and students," the class was dismissed.

## Schrader President of Musical Clubs

Officers of the Armour Tech Musical Clubs for the season of 1930-31 were elected last semester on Tuesday, June 3. The elected ones are:

President.....W. A. Schrader, '31  
Vice President.....F. O'Connor, '31  
Secretary.....F. F. Strassenburg, '31  
Treasurer.....A. Weston, '32  
Business Mgr.....E. W. Carlton, '32

In addition to other duties, the work of this staff of officers is to make arrangements for and put on the Christmas or Midwinter concert and the Annual Home Concert. The Glee Club, Orchestra and Stress and Strains are constituents of the Armour Tech Musical Clubs organization.

A class in Calculus II has been organized at 9:30 a. m. for those who cannot take the subject at 10:30. The class met for the first time yesterday in G. Chapin Hall.

## CALENDAR

Tuesday, Sept. 30  
First Orchestra Rehearsal.  
Wednesday, Oct. 1  
Freshman Handshake,  
Assembly Hall Mission  
Thursday, Oct. 2  
Rushing Week starts 8:30 a. m.  
First Glee Club Rehearsal.  
Friday, Oct. 3  
Night School Registration.

## Award Senior Scholarships

Six full scholarships for one year's tuition were awarded to members of the senior class for the current year. The Malek A. Loring scholarship was awarded to L. H. Dicke, C. E., The Edward G. Elcock scholarship, which was instituted in 1921, to be given to a junior or senior student in the department of Civil Engineering was awarded to Karl E. W. Hellsen, C. E. The two Bernard E. Sunny scholarships which are given to deserving students at the discretion of the President of the Institute, were awarded to D. M. Fetterman and E. G. Squires, both men of the Electrical Engineering department.

A scholarship left at the bequest of Mrs. Catherine M. White was awarded to Alfred L. Mell, Arch., who was selected by President Raymond for the honor. The scholarship established in honor of John H. Hamline, a distinguished lawyer and citizen, was awarded to Alvin B. Auerbach, C. E., who was recommended to the scholarship committee by President Raymond. Each year the Institute under the advice of the President makes a number of awards to enable worthy students to complete their courses at the Institute. Character, personality, grades, and activities are the outstanding characteristics of the men chosen.

## New Aeronautics Courses Offered

Three new courses, two in aerodynamics and one in airplane design, have been added to the curricula of the Institute. The first of these is a Junior course in Aerodynamics to meet daily at 11:30 in Room B Mission. This course will be conducted by Professor Wells and may be used as a substitute for Astronomy and Junior economics but may not be taken in addition to these subjects.

The second course is one in airplane design for Seniors in the Civil Engineering department. It will be taught by Mr. Jacobson. This course is open only to qualified Senior Civils to be taken in addition to their regular studies, 2:00 to 5:00 on Wednesday.

The third course is a course in Aerodynamics for Senior Mechanicals to be given Monday, Tuesday and Thursday at 8:30 in Room B of the Main building. Professor Wells will also be in charge of this class. This course may be taken as a substitute for some subject that is taught at the Institute in which the student has received credit as a result of some outside work that he has done in the field.

## Orchestra Practice Opens Musical Year

Beginning with the first rehearsal of the Orchestra this evening at 5:00 in the Assembly Hall, the Armour Tech Musical Clubs open the 1930-31 season. All old men are requested to bring their instruments and new men to be prepared for try-outs.

The Glee Club, under the direction of Dr. Daniel Protheroe, will get under way this Thursday evening at 5:00 p. m. in the Assembly Hall. Dr. Protheroe will try out the new men and also give the old fellows a little lung exercise.

The Stress and Strains meet weekly on Monday evenings at 5:00. As in the case of the Glee Club and Orchestra, new men are eagerly sought after.

For Freshmen it is well to remember that participation in the activities of the Armour Tech Musical Clubs gives credit for gymnasium work.

## ANNUAL FRESHMAN HANDSHAKE TO BE HELD WEDNESDAY NIGHT, OCTOBER 1, IN ARMOUR MISSION

Refreshments, Music and Speeches To Be Fea-  
tured on Entertainment Program—  
Make Plans for Attending

SPONSORED BY CAMPUS CLUB

## Improve Registration Methods to Save Time

A commendable improvement in the method of registration this semester was quite apparent to the members of the student body, who have been accustomed, in previous semesters, to stand in disorderly lines for four or five hours in an effort to pay their fees and enroll with their instructors.

To facilitate this enrollment, letters were sent to all Sophomores, Juniors and Seniors advising them as to when and how tuitions and fees were to be paid. This is the first time that such a method has been followed, but the benefits secured from it will no doubt warrant its use in succeeding years. The Freshmen, also, were handled in a better way because of the previous instruction which they received.

The presence of four cashiers, to whom tuition and fees were payable, instead of only two as have heretofore been customary was also an important factor in avoiding confusion and in shortening the time which students were required to spend in line. One of the cashier's offices was closed at 11:15 and another at 11:30, whereas, in the past, they were never closed before one or later.

## PROF. THOMPSON'S RADIUM CLOCK ON DISPLAY IN LOOP

A radium clock built by Professor Thompson of the physics department is in the office of Dr. F. E. Simpson at 59 E. Madison street. In the four years it has been running it has not lost a fraction of a second that could be detected by the common chronometer.

After a couple of thousand years Dr. Frank E. Simpson anticipates that the clock may run a little slow but it never will have to be wound.

This clock, that has never been wound and promises to run for another twenty centuries without stopping, comes near enough to perpetual to be called so for all practical purposes. It has been running for four years.

An invisible speck of radium inclosed in glass constantly gives off energy. Two delicate leaves of metal are suspended like the prongs of a tuning fork on either side of the particle of radium.

### Repel Each Other

As they are charged by the radium they repel each other and separate until they come in contact with a negative terminal. Then they discharge and fall back to the original position to be charged again.

This process takes thirty-five seconds. In the course of about 200 years it should be accomplished in half a minute. The amount of radium used to run the clock is very small—about \$300 worth.

Dr. Simpson uses radium medicinally and the clock is not a practical timepiece, but a device to demonstrate the tremendous energy of the element.

A meeting of the entire staff of the 1931 cycle has been called by A. H. Jens, editor-in-chief. This is to take place at the Sigma Kappa Delta House, 3344 S. Michigan Blvd. on Wednesday evening at 7:30 p. m.

The Annual Freshman Handshake will be held Wednesday, October 1, at 7:30 p. m. in the Assembly Hall, Mission building and will as usual, be sponsored by the Campus Club assisted by various other organizations in the school.

The program for the evening will include a few numbers by Armour's peppy social orchestra; Stresses and Strains, some college songs and cheers by all who attend, and speeches. This is the first time "Stresses and Strains" has played at a Freshman Handshake, and the event is looked forward to with interest.

A speech of welcome to the incoming freshmen will be presented by James C. Filmer, president of the Campus Club. John Schommer will follow with a few remarks and President Howard M. Raymond will give a short address.

Immediately after the program refreshments will be served, under the direction of the committee in charge, and the upper classmen will be on hand to welcome the freshmen into the school life.

The handshake provides an excellent opportunity for upper classmen and new students to get acquainted in an informal manner.

## Night School Offers Elementary Chemistry

Those students deficient in general or high school chemistry may make up this subject in the Armour Institute Evening School. Because the evening school registration in this subject is quite limited, men are advised to enroll as soon as possible. Evening school registration opens Friday, October 3rd. By arrangement with the office, day school pupils may enroll for evening courses during the day of Friday, October 3rd.

## Chi Epsilon to Hold National Convention

Chi Epsilon will hold its national convention October 17-19 at the University of Minnesota. They will hold an election of national officers. While at least one member from each chapter is supposed to attend, the Armour Chapter is going in full. The members are E. A. Johnson, K. E. W. Hellsen, B. G. McLaughlin, C. J. Robin, L. H. Dicke, and B. S. Lindquist. The convention will attend the U. of Minnesota football game.

## Cycle Staff to Meet Wed. Night at 7:30

A meeting of Sphinx, honorary literary society, will be held at two o'clock today in the Cycle office.

Sophomore students who desire to try out for staff positions should attend this meeting. There are openings for several Junior students in the business department.

The Cycle is the year book publication of Armour Institute. The staff is composed of third year students with the editor-in-chief selected from the senior class.

Louisiana's interscholastic basketball champions, Jena high school, played and practiced during the past season on an outdoor dirt court and was tutored by a 20-year-old coach. They won 21 straight games.



# Armour Tech News

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Vol. VI SEPTEMBER, 30, 1930 No. 2

## "WHY STUDENTS FAIL"

Christian Gauss, Dean of the College, Princeton University, in an article on "Why Students Fail," quotes several facts disclosed by the Society for the Promotion of Engineering Education after an investigation of college conditions. This article appeared in a recent edition of the Saturday Evening Post, and a comparison of the facts contained in this statement with the facts which exist here at Armour might be of interest.

Professor H. P. Hammond, who served as assistant director of the investigation which was an exhaustive inquiry into the engineering education field, reported as follows:

"Of each 100 entering students, but sixty-two successfully complete the first year and proceed with their class, and but forty-two complete the first two years. The others drop out for one reason or another; the predominant reason being failure."

The corresponding figures for our own institution surprisingly show that the mortality rate at Armour is lower than that of the average engineering college. In recent years, out of 100 entering students, eighty-four completed the first year and proceeded with their class, and sixty-nine completed the first two years.

These figures do not mean that Armour is easier to "get through" than the average engineering college; the splendid records made by men graduated from our Institute discount this theory. The answer lies in the fact that the men who are selected to be allowed to pursue their education at Armour are men hand-picked by the Office of the Deans as the men who will be most capable of completing the four year course. The importance of such selection was realized by both Professor Hammond in his report, and by Dean Gauss in his article. Dean Gauss made this topic the keynote of his explanation of "Why Students Fail."

Professor Hammond held that engineering education was costing the people of this country in the neighborhood of \$30,000,000 a year and costing a fraction of the lives of some 55,000 or 60,000 young men a year, and he recommended "that we should make every effort to have our work done for those who are able to profit by it in reasonable measure. To me it seems high time that we gave much more attention to the important question of rational selection of student personnel."

That Armour Institute should be one of the leaders in the adoption of this policy of selection by merit rather than by priority of application has further enhanced her position as one of the country's foremost engineering colleges.

F. B. A.

## "The Slipstick"

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

### THAT SCHOOLGIRL COMPLEXION

"How come," he gasped, "those starry eyes. That form of pure perfection? And tell me, kid, where did you get That sweet schoolgirl complexion?"

The maiden shyly hung her head  
And breathed: "I'll tell you, lad;  
I buy the latest magazines  
And answer every ad."

Inventors claim to have produced a mechanical man who can talk without thinking. It is not really new. Something like this has been heard of before.

### Defined

"What do they mean by police frisking a suspect?"  
"Search me."

"If you think politeness costs nothing, try putting 'I remain your obedient servant' at the end of a telegram."

Mr. Smyth: "What's all this argument? Don't you know that the customer is always right?"

Salesman: "Yes. But this lady insists that she is wrong."

After all the good advice there were seventy-six tickets sold for the swimming pool. What was that crack that Barnum made some time ago?

Prof.: "Sit down, sir, you have shown good manners long enough."  
Frosh: "It ain't good manners, it's a boil."

Two old settlers sat smoking in a cabin away in the backwoods. No feminine presence ever graced that settlement, and domestic arrangements were primitive and rude.

The conversation drifted from politics to cooking, and one of the confirmed bachelors said: "I got one o' them there cookery books but I never could do nothin' with it."

"Too much fancy work about it?" asked the other.  
"You've hit it. Every one o' them recipes begun the same way. 'Take a clean dish'—and that settled me at once."

Manager: "I'm afraid you are ignoring our efficiency system, Smith."

Smith: "Perhaps so, sir, but somebody has got to get the work done."

### More Advice

Some students live to a ripe old age and others smoke on the steps of the main building.

"I wonder what makes all Scotchmen so humorous?"  
"It must be a gift."

### TYPOGRAPHICAL ERROR?

A newspaper editor has been trying to make up his mind whether or not the following sentence in a recent issue of a magazine was a typographical error:

"I've had a very pleasant evening," she remarked, as Harry bit her good night.

—Doc.

Some geography students (as a matter of fact there aren't and never were any in the school, but if we don't suppose there are we might as well stop here, and, inasmuch as we have already written thirty-five words we haven't the slightest intention of stopping without telling our little tale, so we will suppose that there are geography students in the school, or in a pinch one geography student will do—anyway to start all over) some students in geography don't realize it but there is all the difference in the world between the North and the South poles.

We heard the suggestion that the new fence around Mission be equipped with cushions or maybe a little planing would do the trick.

Woman (in crowded car): "I wish that good looking man would give me his seat."  
Five men got up.

Eldo.

The "old-timer" is one who can remember when a "No Smoking" sign was put up because the women objected to it.

Boss: "Mike, I'm going to make you a present of this pig."  
Mike: "Sure, an 'tis just like you, sor!"

### Tech-Chemistry Problem

The chemical students tell us that free idoine is not found in Scotland. We will give the potassium-plated bread knife to the author of the essay which explains in the best manner the reason.

Prof.: "Canada is the United States' best buyer."  
One in Every Class: "It's also the U. S.'s best cellar."

Don't weaken, boys, only fifteen more weeks to go.

Phil J.

## FRATERNITY NOTES

### THETA XI

After three months of work far afield, the men of Theta Xi are once more gathered to answer the call of school and fraternity. Among these is A. E. Colcord, M.E., '32, whom we welcome back after a year of working. News and encouragement comes frequently from brothers in the class of '30 who are now widely scattered. Dave Smith, ex-editor of the Tech News is working for the Kentucky Actuarial Bureau in his home town, Paducah. Preston Heath writes from Denver, Colorado that he has not entered any "foreign entanglements" to date. "Jeff" Rowley and "Emmie" Higgins are furthering the best interest of the Proctor and Gamble people in Cincinnati. Bob Serson is working in the "House of Magic" in Schenectady, New York. Hank Paulsitch has remained in Chicago and is still interested in aeronautics. One of the best athletes Armour boasts about, King Simpson, is married and according to reports is still on his honeymoon.

Announcement was recently made of the marriages of D. J. Hougou, '29, and Chester Long, '27. Plans for an enjoyable time for the new men are under way and the success of previous year is expected.

### DELTA TAU DELTA

Gamma Beta of Delta Tau Delta announces the pledging of Fred Ollison, '32 and Robert Tufts, '33. Paul Frye, "Abe" Holin, and "Abe" Mell have had some trouble getting back to school. Holin and Mell had an automobile breakdown while on a trip, and Frye got stuck in Kansas.

### SIGMA KAPPA DELTA

The Sigma Kappa Delta house at 3344 S. Michigan Blvd., has been the scene of much activity for the past few weeks. The house was completely redecorated and prepared for another successful year. All of the men are back in school with the exception of Luke Cosme, '33 and Joseph Kennedy, '32. Ralph Timmermans '31 entertaining the boys with tales of his experiences this summer among the California orange blossoms.

### TRIANGLE

Brother Whitfield, '30 has registered at Columbia University to begin his advanced chemical course.

He was the second man from Armour to be awarded the scholarship given out by the Columbia University.

Walter McWilliams, '33 has returned to school after a year's absence.

### PHI KAPPA SIGMA

House cleaning has been finished at the Phi Kap house and things are now in running order.

The chapter is pleased with the number of men who returned. Plans have been completed for this semester's scholastic and social activities.

One way to get a man to dig in a garden is to call it a sand trap.

## Interesting Exhibits Feature Convention

Torsion machines, strain testers, metallograph projectors, precision control apparatus, new alloy metals and various chemical exhibits all served to make the Twelfth Annual National Metal Convention, held last week at the Stevens Hotel, most interesting and successful. The exhibition, given under the auspices of the metallurgical engineers and trades, presented a most attractive display of latest inventions and devices. Various new corrosion resisting alloys and stainless steels lent a modernistic appearance with their highly polished surfaces and sections. Among various exhibits of interest was a Wright whirlwind motor which was cut away and sectioned so as to show the action, attracting quite a crowd due to the popularity of aviation.

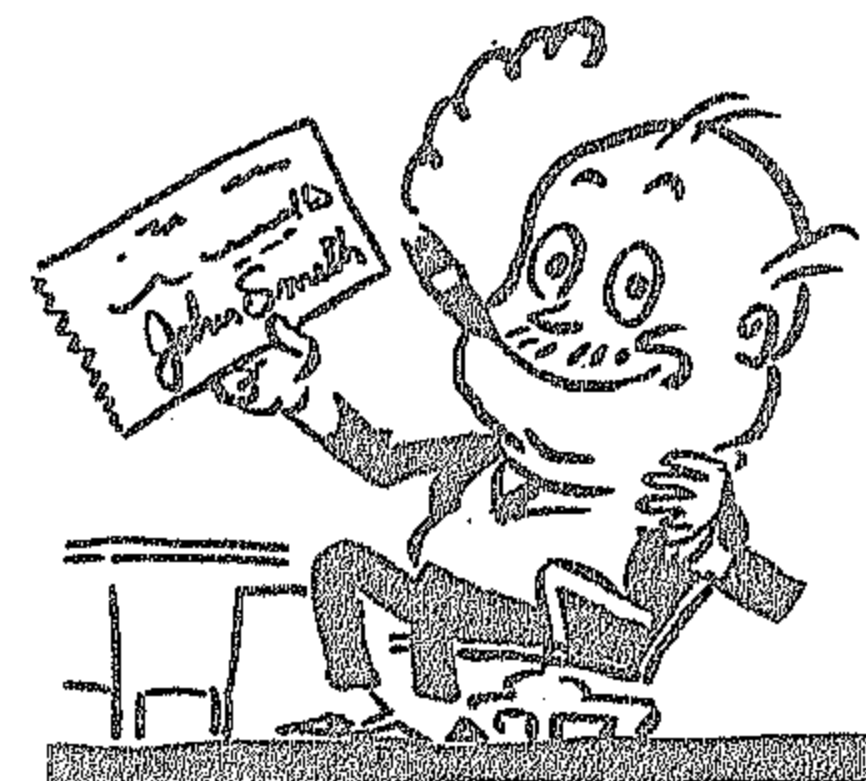
The Shell Petroleum Co. had an exhibit of their 7% sludge solution for pickling and removing of rust, being as effective as 5% sulphuric acid solution without affecting the metal.

### KAPPA DELTA TAU

The Kappa Delta Tau chapter have changed quarters this year to 3349 Michigan. Plans are being made for the coming year.

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## ALUMNI



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**Arx News**

Greetings to the Freshman Architects:

In recognition of the special conditions of work encountered by the young architectural student at Armour, the Armour News has asked me to write this word of greeting and suggestion. You are entering upon studies which, if successfully pursued, will eventually lead you into a profession requiring not only the great qualities of the engineer, but in addition the more sensitive perceptions of the artist. But a great career is impossible without the cultivation of the virtues of idealism, honesty, industry, enthusiasm and fair dealing, requirements of true success no matter what the chosen line.

Your engineering work will be given one half the day at Armour. Seize well upon the fine opportunities offered you there to know the nature and strength of materials, the marvels of natural science, and the miracles of mathematics, so akin to art itself, through which we have learned to use materials safely and economically. Learn in your English courses to express yourselves simply and correctly and acquaint yourself too with good literature, a sister art to Architecture. Read the lore of the past and build up good healthy bodies so that you come to us at the Art Institute well rounded mentally and physically.

Your daily passage thru the magnificent galleries of the Art Institute should be of immense value in your artistic education. Make it so by pleasantly and profitably pausing on your way before its many treasures whenever time permits; for Sculpture and Painting too, are sister arts to Architecture. The spirit of the Department itself you will come to know and value deeply. Its romantic location, hidden away for so many years above the galleries of the Art Institute, offers an ideal seclusion for artistic study. There you will labor and mightily—if you succeed. We welcome you most heartily, faculty and upper classmen as well, promising to "set aflame the faggots you bring." You do your part, we will do ours, and you will enter into and understand our fine traditions.

Earl H. Reed, Jr.

Head of the Department of Architecture, Armour Institute of Technology.

In our absence from the Art Institute during the summer months, an Architectural Course was held for the Illuminating Engineers. It was conducted by members of the faculty of the schools of Architecture of Illinois and Armour.

In the course of the weekly lectures Mr. Ralph Hammet spoke on "The Architectural Vocabulary," and Mr. Earl Reed on, "Modern Architecture."

Two illustrated lectures by Mr. Frank Lloyd Wright have been arranged by the Art Institute, the first to be on Wednesday, October 1st, at 2:30 in the Fullerton Hall. The subject will be, "The New Architecture." The second lecture, which is open to the public, will be held in the Goodman Theater, Thursday evening, October 8th, at 8:00 o'clock, the subject being, "In the Realm of Ideas." Tickets for the second lecture may be obtained at the desk in the main lobby of the Art Institute without charge. The first lecture is free to architectural and art students.

We regret the loss of Mr. Deam, senior critic to the department. The University of Illinois, where we understand Mr. Deam is going, is indeed fortunate in obtaining him. We welcome, however, into our midst, Mr. Charles Beersman, who was the chief designer for Graham, Anderson, Probst and White.

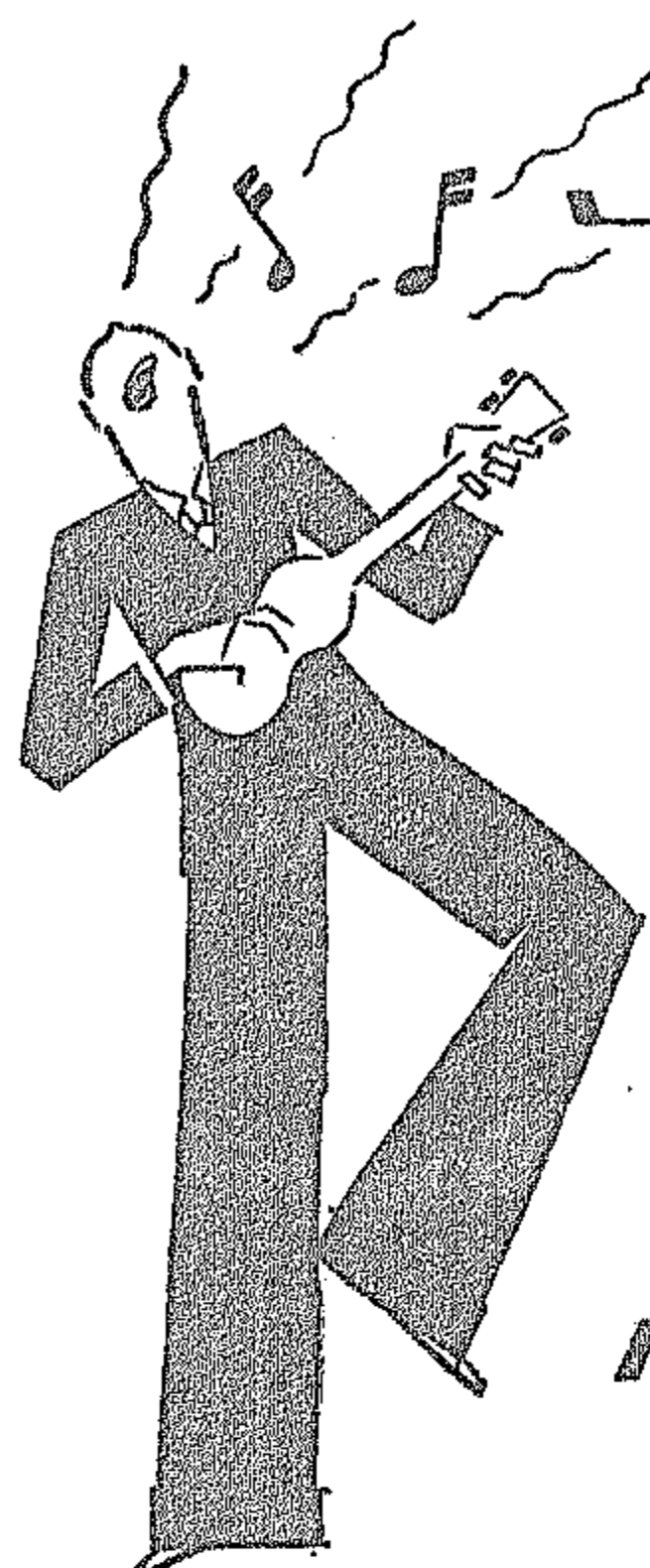
In our issue of May 6th, we announced the engagement of Don Hougou, '30, to Miss Yolanda Bacci, sister of Hugo Bacci, '26. Now it is our pleasure to announce their marriage, which took place September 10th. At the present they are living at Wisconsin Rapids, Wisconsin.

We close with one remark. Don't forget to subscribe for the News.

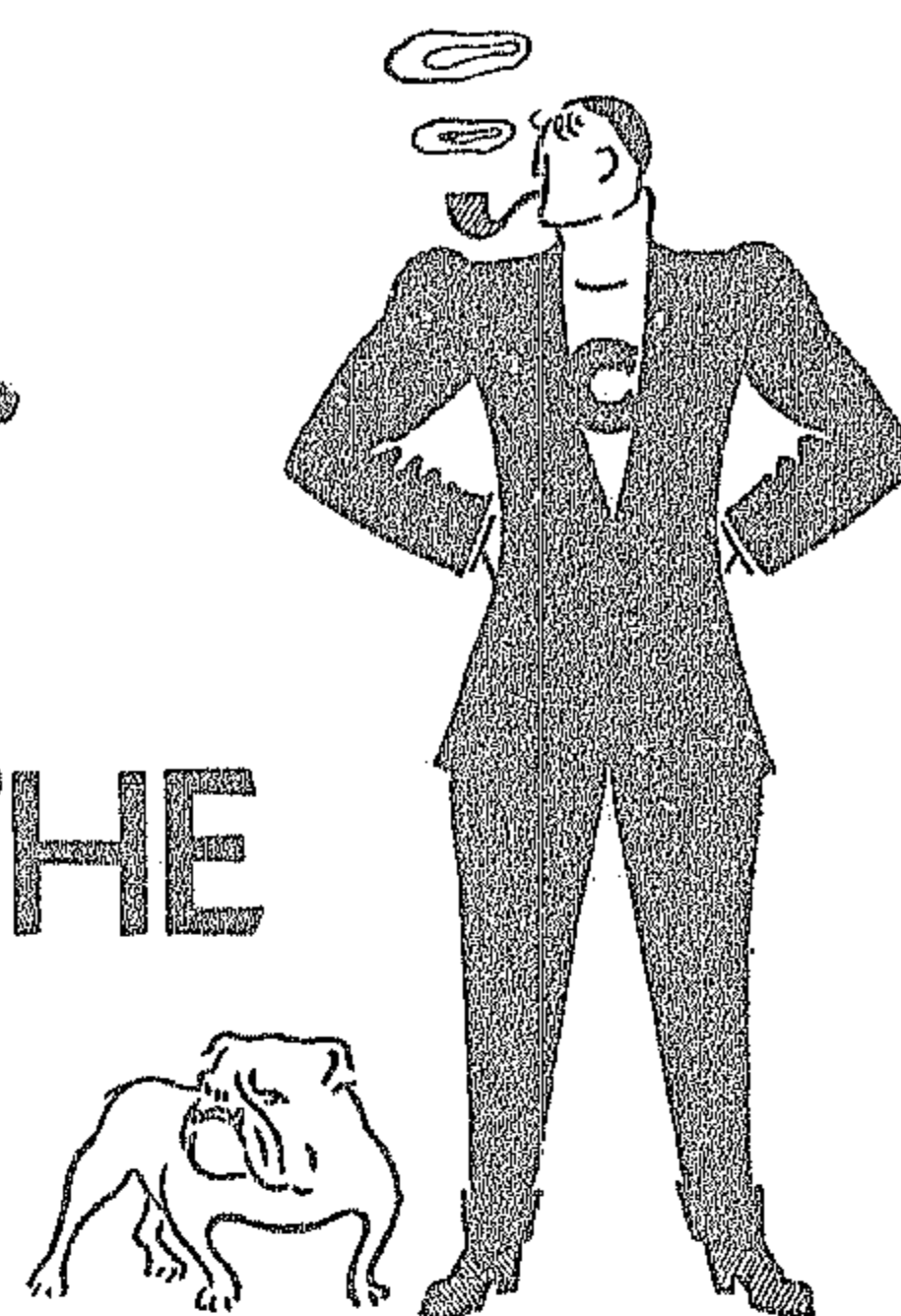
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**SUITS**—will be smoke blue. This blue-gray combination will be tailored in double and single breasted models—although indications forecast a heavy double-breasted season. Notch lapels will also be widely worn. \$50 is a price which will be more popular than ever. We also have a good selection at \$45

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Hats, hose, shorts and shirts and other accessories follow the ideas of former seasons. You'll find a complete selection here.



# TRACKMEN, BASEBALL SQUAD FINISH THEIR SEASONS WITH BOTH VICTORIES AND RECORDS

## Winning of Second Annual Invitational Meet Highlight of Track Season—Nine Victories Give Kraftmen Success

### PAUL WINS HONORS IN COLLEGE MEET

Baseball in 1930, under the direction of Coach W. C. Kraft and Captain King Simpson, enjoyed a prosperous season of nine victories, one tie game and three losses. The schedule as arranged by Manager Short included some of the finest college baseball teams in the middle west.

Notre Dame was played as an opening gesture of the season. Although the team suffered defeat, it was definitely shown that there was power in the Tech attack. No Tech baseball team had ever before played Notre Dame and the experience upset the boys considerably. A return game later in the season would undoubtedly have proved the superiority of the yellow and black squad of Armour Tech. However, since the return game was never played, much contention as to its outcome results. The loss tended to steady the wobbling team for four victories were chalked up before another loss toppled hopes for a duplicate of the '29 record of 13 wins and a single loss.

#### Stehno Beats De Kalb

Stehno was credited with a victory over DeKalb, 4-3, although Tech bats were strangely silent. While Armour was gathering four runs on four hits, DeKalb was forced to be content with three runs on nine hits. Perhaps it was the strike-out pitching of Stehno that subdued the visitors.

Lake Forest and Western State were mowed down, 6-3, and 5-4 respectively. Captain Simpson is credited with both victories. Then Stehno took a hand and downed Michigan State Normal, 8-5. An upset was created when Der Kaptink lost on Ogden Field to Western State Normal. The score of this contest was Tech 3, Western State 10. Michigan State fell for the second time of the season and the fourth time in two years, 10-6. Then Simpson made baseball history by pitching a three hit, thirteen inning, one to one, tie game against Lake Forest. Nineteen enemy batters were baffled by the bending curves of Simpson. As matter of course, Y College was dumped, 15-3 and DeKalb defeated for the second time of the season, 5-3.

#### Coe Downed with Two Hits

The two final games of the year were played where the tall corn grows in Iowa. On Friday of an eventful week, Armour engaged the University of Iowa in what resulted in the biggest upset of the year. With Simpson in the box making a final bid for inter-collegiate fame it seemed to be Armour's day. The cards were stacked differently and after nine innings of miserable baseball, Tech embarked for Cedar Rapids with a stinging 21-1 defeat behind them. A fighting mad contingent of engineers met the highly touted Coe College team at Cedar Rapids on the day following the Iowa upset. Chief Stehno never pitched better baseball than he pitched that day. He mowed down enemy batters nine times by strikes and allowed two scattered hits. Tech bats again were quiet, but not quiet enough to total two runs on four hits. That, in a general way, tells you what the 1930 baseball season was like.

#### Final Baseball Results

Armour	6	Morton	1
Notre Dame	11	Armour	4
Armour	4	DeKalb	3
Armour	6	Lake Forest	3
Armour	5	West. State	4
Armour	8	Mich. State	5
West. State	10	Armour	3
Armour	10	Mich. State	6
Armour	1	Lake Forest	1
Armour	15	Y.M.C.A. Col.	3
Armour	5	DeKalb	3
Iowa	21	Armour	1
Armour	2	Coe	0

Led by their indomitable Captain, Don Paul, and under the direction of Coach A. A. Stagg, Jr., the indoor track squad of 1930 compiled a record of victories which will stand for many years. The crowning event and by far the most notable achievement of the team was the unexpected victory in the second annual Armour Tech Invitational track meet. In this meet which was held at Bartlett Gymnasium, University of Chicago, Tech scored twice the number of points of its nearest rival, B squad of Chicago.

Practice was held regularly in Bartlett Gymnasium starting January 15th. A month later the inter-class meet opened the indoor season of six meets. The Junior class team of 1931 copped first place by the slim margin of two points. Following this meet, Tech and the strong Loyola team, 50½-35½. In the latter meet, Elmer Sademan, the freshman fire proct, broke all existing school records in the two mile run. Elmhurst then followed in the schedule and was promptly defeated 49-31.

A team of nine men was sent to the Illinois Relay Carnival held at Urbana, Illinois on March 15th. Captain Paul proved his ability in the shot put by winning a second place from a classy field of university athletes. Tech relay squads had difficulty on the hard track and were unable to place.

Crane Junior College was the fourth victim of the season falling to Tech 52-29. A triangular meet with Sears-Roebuck and Chicago Normal College provided the set-up for the fifth consecutive Tech victory. The crowning event was the victory in the Invitational meet. Eleven colleges were listed in the final point column with Armour at the top with a comfortable margin of points. Paul tied the Bartlett record in the shot put with a heave of 46 feet, 9 inches. Thus the indoor season closed with a blaze of glory—six victories without a single defeat.

Captain Paul won a third place in the shot put at the Drake Relays held at Des Moines, Iowa. His throw was 48 feet, 7¼ inches by far the best he had ever done in competition.

An out-door invitational meet was attempted as the first out-door competition for the team. Chicago took team honors while Tech rested in seventh place. Following this came a series of two losses by very slim margins. Wheaton and Y College took the Tech scalp, the latter by a 62 to 55 score and the former by a 65-61 score.

Track athletics came to a close with the relay and pentathlon events of Junior week.

### Precision Device Is Shown in Mech. Lab.

Last week an instrument which is capable of measuring thickness with an accuracy of one billionth of an inch was in the mechanical laboratory. Representatives of the Millimicro Instrument and Gage Company were comparing their thickness gages with those belonging to the laboratory, with their instrument known as the Millimicro Comparator.

The microscope used has a zero center scale illuminated from an exterior source. In a comparison the gage under test deflects a needle shadow to either side of the zero point according as the piece is thinner or thicker than the standard used in the calibration. A similar instrument is to be placed in the Bureau of Standards at Washington, D. C., according to the representatives.

### Interclass Baseball Gets Started Friday

The annual inter-class baseball tournament will get under way on October 3rd. A practice and playing schedule has already been compiled by Coach W. C. Kraft and work of organizing the teams is in progress.

Last year's rules will again be in effect this season. Under these rulings, all lettermen are eligible for competition but will not be permitted to play their regular positions. Each class will be allotted one evening for practice. Players reporting for practice will be obliged to bring their own gloves, shoes, and clothing, while bats and balls will be furnished by the school.

Following is the practice and playing schedule:

#### PRACTICE SCHEDULE

- Seniors, September 29.
- Juniors, September 30.
- Sophomores, October 1.
- Freshmen, October 2.

#### PLAYING SCHEDULE

- Seniors vs. Juniors, October 3.
- Sophomores vs. Freshmen, October 6.
- Championship game, October 8.

### Applications for Golf Manager Due Friday

Candidates for the managership of the 1931 Golf Team are requested to make applications in writing to Professor Leigh before the end of this week.

### Civils, Chems Visit Geological Exhibit

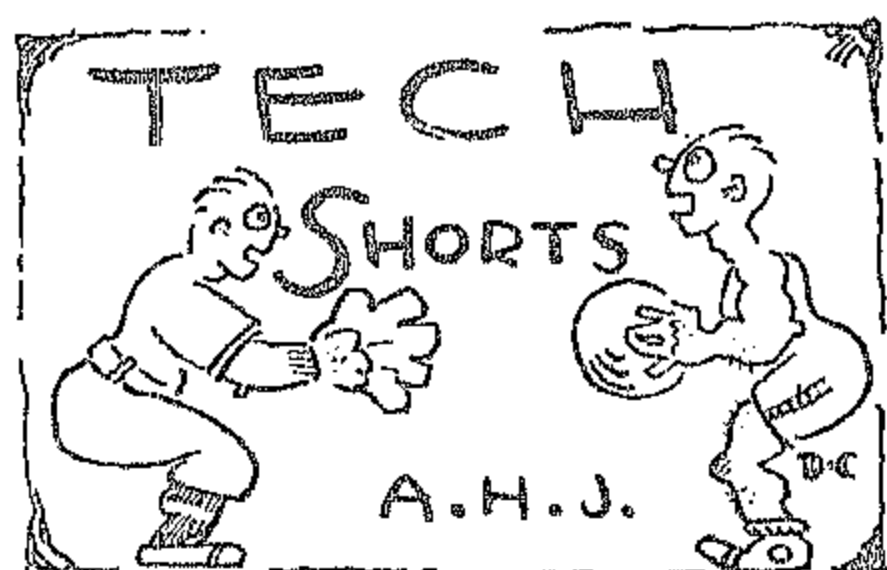
The Juniors and Seniors of both the Civil and Chemical Engineering departments made an inspection trip to see a geological exhibit at the rooms of the Western Society of Engineers in the Engineering building at Wacker Drive and Wells Street last Wednesday, September 24th. The trip was conducted by Professors Carpenter and Stevens.

At the exhibit the party was conducted by Dr. Layton, Chief Geologist for the State of Illinois. He explained how the geologist goes about locating veins of coal and minerals as well as gravel and stone pits. He pointed out the various important features of the display which included for the most part samples of the natural resources of our state. Coal, one of the most important of our natural resources, occupied a very prominent place in the collection of display articles. Professor Carpenter, himself a geologist, took an extreme interest in the exhibit.

If we think our customs are unusual, let's look at some of the queer vogues at the University of Vienna. Every fraternity initiate must learn duelling before he receives membership into the organization; professors attend class in swallow tail coats; compulsory attendance at class lectures is out of the question.

Existence must be very "humdrum" at the University of Michigan for those students who own automobiles. They may have cars, but they are not allowed to take other students for "rides."

By establishing a system of professional training schools, the Federal prison service hopes to attract more college men into that work.



### BACK TO THE OLD JOB

Well, well, here we are back to our old task again. We present the latest edition of Tech Shorts one week late, but better late than never. Thanks to F. A. This column appeared in last week's paper.

As of old we hope to give in brief form the high lights of Armour athletics. As an opening gesture we will present the "dope" on the impending baseball classic at Tech, the interclass baseball series.

### INTERCLASS BASEBALL

It looks at the present time as though the class champions of last year will come through and win the championship again this year. The present senior class swept away all opposition to meet the class of '32 in the finals last year. After several postponements and tie game activities it was declared that the class of '31 was the champion team.

The regulations governing play in this series does not prevent lettermen from taking part. However, one restriction is offered, that is that lettermen may play any position except their regular position on the Varsity nine. Thus Captain Robin who has played first base for three years must find a new position. Chief Stehno, who rates a pitcher's box, will probably play third base for the seniors.

### SENIOR TEAM LOOKS GOOD

Others who will undoubtedly wear the '31 uniform are Chas. Magó, Pepe, Drigot, Link and Miran. All of these men have at one time or another won the colors of Tech on the baseball field.

Austin, Fiala, Hensen and Michalski all played last year. The junior team with Cannell in the box will present plenty of competition to the other class teams. As usual the Frosh are an unknown quantity. The sophomore team also has to prove its ability both in the field and at the bat.

### Professor Nachman Joins Rho Delta Rho

Professor Henry L. Nachman has become associated with the Rho Delta Rho fraternity as an honorary member and faculty adviser. He was formally initiated on June 11, 1930 at a banquet held at the Bismarck Hotel. Every alumnus who was in Chicago at the time was present, including the founders of the fraternity. He was warmly welcomed into the chapter and graciously accepted the responsibility. With Professor Nachman on its advisory board, Rho Delta Rho looks forward to many active years. Professor Nachman is professor of Thermodynamics at Armour.

In a recent survey at the University of Oregon it was found that most of the students study Sunday afternoon.

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### Fall Tennis to Get Early Start

Tennis is getting off with an early start this year and all prospective managers are expected to apply to Professor Schommer immediately as the manager of the varsity team will be appointed this week.

The tournament list on the bulletin board will be taken down and the draw posted before the end of the week. New men are especially urged to enter the tournament so as to furnish information as to their ability on the courts.

The Tech courts have been much improved during the summer and are in readiness for play at any time of the day.

The prospects for a successful team for the coming season are very bright, and all new men desiring places on the team are requested to get in touch with either Coach Colvert or Captain Eddy.

### W. S. E. Opens Series of Science Lectures

The Western Society of Engineers are opening their series of science lectures, which are given on the first Monday of each month from October to April, with Dr. James H. Breasted of the University of Chicago speaking on "The Beginning of Engineering as Revealed by the Earliest Monuments." Dr. Breasted, who has given up outside lecturing excepting this one occasion is the head of the Oriental Department of the University of Chicago, and is a noted authority on Egyptology, as well as a member of the leading scientific societies.

The series are to include lectures on such subjects as astronomy, physics, chemistry, geology, biology, and mathematics. The talks will feature the latest developments in each of these fundamental sciences.

The list of future speakers include such men as Dr. Compton, the president of Massachusetts Institute of Technology; Dr. Shapley, director of the Harvard Observatory; and Dr. Howe, the editor of "Industrial and Engineering Chemistry."

For the first time in ten years the University of Ohio is taking a complete census of its nearly 25,000 graduates.

### President Talks to Frosh Group

Dr. Raymond, president of the Institute, gave the principal address of welcome to the class of '34 at their first assembly last Tuesday morning at 10:30 in the Assembly Hall of the Mission.

Dr. Raymond, after his short message of welcome, told the freshmen that it was not only the scholastic grades made at Armour that would influence their post graduate life, but that the habits formed during the four years here would also have their effect. It would be well then, he said, to be honest and courteous and, above all, try to do what is right. He closed his talk by reminding the fellows that the Deans' office is always open for consultation.

Dean Penn, dean of engineering, followed Dr. Raymond with a talk on the duties that he performs in the deans' office. He particularly mentioned that all students must turn in program cards, neatly done. An explanation concerning the methods of the scholarship records kept at Armour closed his speech.

Dean Palmer had distributed to each freshman a little booklet which is extremely helpful to one just entering college. While Armour has but few conventions, the few that we have must be strictly observed. Dean Palmer remarked in this connection that smoking in the buildings or on the front steps of the main building is prohibited and that wearing hats in the building is not recognized as the correct thing to do.

The dean of students terminated the assembly by saying that to study efficiently, a budget of time must be made.

A sorority of the University of Indiana refrained from the use of cosmetics until their alma mater should win a game. Still another group joined a "No-Shave Club" by law of which they refused dates to beardless men.

Fox Movietone will film the hilarious scenes of the annual pie-eating contests which are held at the University of Denver sometime in May. Watch the movies if you want to see the high-lights of this All-School Picnic.

Fraternities at the University of Michigan indulge in horseshoe-pitching tournaments.

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