



SELECT HEALD FOR PRESIDENT

Armour Welcomes Visitors to Annual Open House Night

Entire Student Body Participates

Interfraternity Open House formally opened the gala week of festivities of Junior Week with a large number of students and their friends in attendance. "The large attendance indicates that the whole Junior Week program will be enthusiastically acclaimed by the students," said Head Marshal J. Janicek, with a distinct note of enthusiasm in his voice. "I want to take this opportunity to express my appreciation on behalf of the other Junior Marshals of the fine cooperation extended to us from all departments," he said. "Whatever success that attends this Junior Week this year will be entirely due to the fine spirit existing among the classes. Tell the boys that I hope they all have a swell time."

Marshals in White

The Junior Marshals who are easily distinguishable these days in their white uniforms with the letter "A" prominently displayed, have completed all final arrangements for Junior Week. To those Open House visitors who may not have heard of Junior Week, it might be said in explanation that Junior Week is the Mardi Gras to the students of Armour—a carnival of fun. The Marshals have planned a program of activities ranging from sports events to the larger events such as Open House, Spring Concert, Interfraternity Sing, and the "Rush".

Inter-Departmental Competition

Open House tonight has been planned for popular appeal with the fundamental purpose of acquainting the visitors with the Institute and the scope of its activities. The students of each department have built up a spirit of friendly competition with other departments. The students have been in a jovial mood trying to anticipate the extent of the other department's exhibits and at the same time trying to feature a better exhibit themselves. This informal departmental competition has aroused much enthusiasm—a spirit in keeping with the holiday mood of

Glee Club and Greeks Sing at Spring Concert

At the proper moment next Thursday evening, the downstroke of O. Gordon Erickson's baton will signify the start of the 33rd annual Spring Concert to be presented by the Armour Tech Musical clubs. Early indications are that the mounting interest of both student body and faculty will be well justified.

Inter-Fraternity Competition

The fraternities will compete for awards during the intermission between the program of the Musical Clubs. Previously selected members of the faculty will act as the judges and present the awards. For the past three years, the Pi Kapp's have taken first place in the contest.

After the contest is finished, the concert will be resumed by the glee club and orchestra. The second half of the program will feature songs by the glee club which have been studiously prepared within the last few weeks.

Sing Over Nation-wide Chain

Early last Saturday, the glee club arrived at radio station WBBM for practice before their broadcast from 11:15 to 11:30 that morning. The program was broadcast over the coast to coast network of the Columbia Broadcasting System as a part of the activities of music week to give recognition to local talent in all parts of the country.

A program of varied selections was introduced by the *Alma Mater*; followed by *Secrets*; *Black-Eyed Susie*; a baritone solo, *Give a Man a Horse*, by Thomas W. Yeakle; *Do Animals a' Comin'*; *Old Man River*; and closed by the *Alma Mater*. This concert was the third which the glee club has presented over the radio this season, previous programs having been broadcast from radio stations WGN and WLS.

Present Kankakee Concerts

Preceding the broadcast on Saturday, the Musical Clubs traveled to Kankakee, Illinois, where they presented three concerts during the afternoon and evening of last Friday. Leaving Armour in chartered buses at 10:30 A.M., they arrived in Kankakee with sufficient time for lunch before their first concert at 1:30 in the New State Hospital.

Juniors' Dance Friday: Fitting Close to Week

This Friday evening will see Junior Week brought to a breathless climax by the traditional Junior Informal. With the sweet swing of Gay Claridge's orchestra and the Olympia Fields Country Club providing the setting. The affair promises to be the social highlight of the entire season. The committee, headed by B. Anderson has completed all arrangements and promises an evening of grand entertainment for those who attend. The Fight Song and the Alma Mater will also be heard during the evening.

The bids, of silver and black, are of a novel design, partly consisting of a bracelet with the school letters, and are moderately priced at \$1.75 each. The large volume of advance sales indicates that a large crowd will be present at this last major social event of the season.

As a result of his excellent playing at the Junior Formal, Gay Claridge will again provide the music. His swinging rhythm is well liked by Armourites and those who have already danced to his music are again looking forward to this pleasure.

The Olympia Fields Country Club is one of the largest and most beautiful clubs in the country. The entire club and its conveniences will be at the disposal of the Armourites for the evening. The lounge, rich in rustic beauty, will provide an ideal place for those who wish to sit out a dance or discuss the topics of the day. Capable of accommodating some seven hundred persons, the more elaborate ballroom will afford the engineers and their guests, ample room for their dancing. Surrounding the club is a fragrant gar-

(Continued on page three)

L. Lange Finishes Cycle on Schedule

An announcement by the *Cycle* staff stated that the annual is expected to be distributed this week. Louis Lange, the editor, is concluding a long period of conscientious effort in the compilation of what promises to be one of the finest *Cycles* ever issued.

Larger and clearer pictures, will feature this issue. Some of these pictures are the results of the photo contest which was held recently. Every important event of the school year has been recorded in an impersonal manner. This year's *Cycle* is a complete record of the activities of the past year, and is the first annual to ever appear as early as Junior Week. It is a remarkable achievement and a real credit to a zealous staff.

Interclass activities have been stressed in the '38 issue of the *Cycle*. Armour's activities should be of unusual interest to practically every student. Another important factor which should contribute to the success of this issue is the complete record of all the Armour athletic events.

Louis Lange indicated that tomorrow may see the distribution of the *Cycle*.

Camera Club Presents Salon Of Student Work in Library

The annual salon of the camera club will be exhibited in the library tonight. Although this is the second salon sponsored by the club, it is the fifth in Armour's history.

Photographs of all sorts will be displayed, visible evidence of the club's activities. The rules of the salon specified that anyone could submit entries, but the exhibition will largely be made up of the work of camera club members—many of which were prepared especially for the occasion.

Freshmen Meet to Discuss Plans for Friday's Battle

Behind closed doors the freshman class held a secret meeting last Friday to lay final plans for the freshman-sophomore rush. A plan of attack was laid out as rush leaders were chosen. At the close of the meeting a short talk was made by D. Shaver, sophomore class president, on sportsmanship and on following the rush rules.

Elected By Board of Trustees; Tibbals Is Undergraduate Dean

According to announcement late yesterday evening, Tuesday, May 10, Dean T. Heald, who is only thirty-four years old, was elected to the presidency of Armour Institute of Technology at a meeting of the Board of Trustees held at the Union League Club of Chicago. The announcement came from James D. Cunningham,

Chairman of the Board, who, at the same time, in commenting on the election of Dean Heald to the presidency, said: "The election of Dean Heald as president of the Institute, an office which he has been administering since last October in the capacity of Acting President, is definitely another forward step in the current development program for the Institute, Mr. Heald is, without a doubt capable of carrying on the difficult duties of president of the Institute, and the entire Board of Trustees are, as the entire faculty of the Institute, aware of this ability by virtue of his unanimous election. I am deeply gratified in the election of Mr. Heald for the presidency, since his career, from the time he came to the Institute in 1927 as Assistant Professor in Civil Engineering until his election as president tonight, is a shining example of unselfish effort for the advancement of education and Armour Institute of Technology. I know him to be an educator in the true sense of the word, and a man of remarkable administrative ability."

Graduate of Washington State

President Heald fills the office vacated last October 12th by Doctor Willard E. Hotchkiss, noted economist who resigned to devote all of his time to civic interests. Mr. Heald received his undergraduate training at Washington State College, where, in 1923, he was awarded the degree of Bachelor of Science in Civil Engineering. In 1925 the University of Illinois conferred upon him the degree of Master of Science in Civil Engineering.

From the time Mr. Heald received his first degree in 1923, until he came to Armour Institute of Technology in 1927, his training was not as an educator, but as an engineer in field work.

(Continued on page six)

WELCOME TO OPEN HOUSE



It is a pleasure to welcome our friends to Armour on the occasion of our annual Open House. We hope that all of you will gain a broad view of the activities in which the students of Armour Institute of Technology participate.

Armour has a vital place in the educational, industrial, and civic life of our community. We are trying constantly to increase its usefulness, enlarge its field of service, and widen its influence. Open House for 1938 provides an actual example of many of the activities of the Institute. We trust that you will find it a pleasant and profitable occasion, in which you will find great interest and inspiration.

HENRY TOWNLEY HEALD

May 10, 1938

Scholarship Exams Come May 21; Expect 200 to Try Competition

Armour Institute of Technology will award ten one-year scholarships to male graduates of 1938, from accredited public or private high schools. These scholarships provide free tuition (three hundred dollars) for the academic year 1938-1939. The awards will be based upon a rating determined by competitive examinations, and by consideration of the personality, the scholastic record in high school, the extra-curricular activities, and the general fitness of the candidates.

The examinations consist of a personal interview, and written examinations in Mathematics, Physics, Chemistry, and English. The mathematics examination will be primarily in Algebra, including such topics as factoring, fractions, exponents, and linear and quadratic equations. Questions in plane and solid geometry may be included. The physics and chemistry exam will be of the objective type in the main, but will include a short essay upon an assigned topic. It will be general in scope and based upon textbooks of physics and chemistry commonly used in secondary schools. There will be no separate examination in

English. The candidate's ability in English expression will be judged by means of the personal interview, and by means of a short essay prepared in connection with the written examination in chemistry and physics.

Scholarships will be awarded only to students who qualify in the requirements for admission as outlined in the General Information Number, Bulletin of Armour Institute of Technology. All 1938 graduates are eligible for these scholarships except those who are enrolled as students in colleges or universities and those who competed for scholarships in the examinations held at Armour in January, 1938.

The written examinations will be held at Armour on Saturday morning, May 21, 1938, at nine o'clock, and will be three hours in length. Each candidate must present himself at the Institute for a personal interview between March 1 and May 18, inclusive. Interviews will be held between the hours of 10 a.m. and 4:30 p.m. each week day except Saturday, when the hours will be 9 to 11:30 a.m. For students outside of

(Continued on page three)

Research Foundation Opens Laboratories for Inspection

Visitors to the Research Department during Open House will be free to inspect and inquire about equipment in all of the research laboratories here at the Institute. Although the department does not plan to run any special experiments for the occasion, members of the staff will be there to explain the apparatus on display and answer all questions.

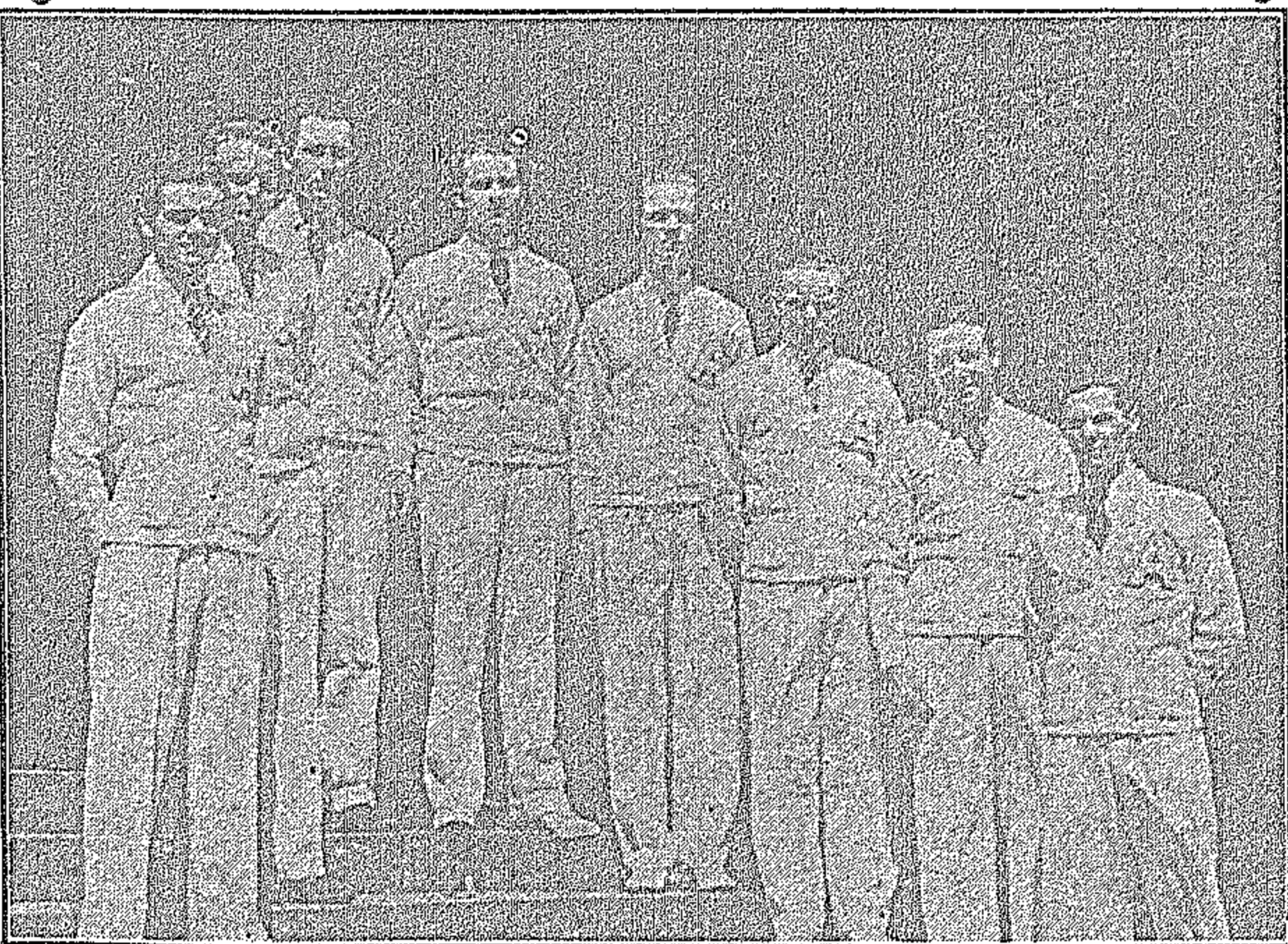
The Coal Research Division includes an analytical laboratory and a coal processing laboratory. Also a part of the Research Foundation are the high pressure, X-ray, insulation, spectroscopy, heat exchange, and electronics laboratories. The Foundation also has a well equipped shop, where special apparatus is made to order.

These laboratories, all of which will be open for inspection, are located in the Research Building, 33rd and Dearborn.

Rosenwald Museum Wing Chosen as Graduation Site

Commencement exercises for the class of 1938 will be held in the new west wing of the Rosenwald Museum in Jackson Park. The auditorium in this newly opened section of the building has a seating capacity of 1000, which, combined with complete air conditioning, provides excellent facilities for the auspicious ceremonies.

The program will start promptly at 4 p.m., the afternoon of June 9. The principal speaker has not yet been definitely announced, but a nationally prominent man is promised by A. N. Schreiber, chairman of the graduation committee. Contrary to previous occasions, there will be possible an allotment of five tickets per senior, as per three of former years.



Pictured above are the Junior Marshals to whom most of the credit for this Junior Week must go. They are left to right: Ralph Dixon, F.P.; Tom Clark, M.E.; Robert Schmidt, Co-op; Joe Janicek, M.E. and head marshal; Berndt Lyckberg, Ch.E.; Reginald Bush, E.E.; Tom Collier, C.E.; and William Wagner, Arch. The Junior Marshals were elected from the individual departments by students in that department; the head marshal, Janicek, was elected by a vote of the entire class.

Junior Week. The list of individual exhibits of each department will be found in the departmental articles throughout this issue.

Circus Day and its attendant pageantry will come next Friday when all the fraternities will each participate in presenting a side show in the

"circus." Elaborate, colorful settings of each fraternity will be spread over Ogden Field. Each fraternity will present what may be properly called a "sketch." Faculty judges will choose a winner among the participating fraternities. The prize is the Circus Day Banner,

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CONGRATULATIONS!

We congratulate President Heald and Dean Tibbals upon elevation to their respective offices.

No better selection could have been made for the presidency of one of the finest educational institutions in the United States, than that of Dean Heald as President of Armour Institute of Technology. As Dean, his unexcelled service to the Institute and his pleasing manner of administration have won him the admiration of the faculty and members of the student body.

For three summers, Mr. Heald was actively employed in the U. S. Government service as a surveyor. In June 1923 to September 1924, was engaged in construction problems of the McKay Dam, as Junior Engineer; the position required the design and layout of construction equipment, living quarters and water systems.

With many other important positions held, Mr. Heald came to Armour in September of 1927 and taught structural engineering subjects. From Sep-

tember 1931 to September 1933, as Associate Professor of Civil Engineering and Assistant to the Dean, Mr. Heald's work consisted largely of the supervision of student personnel work. In 1933 and 1934 he was appointed Dean of Freshmen and organized the subjects of the incoming students. From 1934 until the present time, Dean Heald was responsible for the educational program, including both day and evening work, faculty and staff. He was also instrumental in developing many new services, establishing a research division, and establishing the nucleus of a graduate program.

Dean Heald is familiar with all the activities of the Institute and the future holds even greater popularity for the school under leadership of a man whose self-reliance, determination, and aggressiveness has won him such distinguished recognition.

The selection of Dr. Tibbals as the Undergraduate Dean, assures President Heald of the able and efficient cooperation so necessary in an engineering school.

THE MAIL BOX

Armour Tech News:

Dear Sirs:

Some of the current discussion of Junior Week has prompted an unofficial "pep talk" from the undersigned member of the faculty. Junior Week is an institution peculiar to Armour, evolved through the years to make possible in a nonresidential college a suitable annual culmination of the extracurricular activities and events, which constitute a valuable part of a college education. Many alumni look back upon it as the one event in which they participated constructively, and which distinguished their careers at Armour from the rest of their school-going days.

As originally conceived, the activities of Junior Week were to be in addition to the regular class work, but fittingly, the instructional program soon began to yield precedence during this one week to the gayer side of college life. Unfortunately, this trend continued until the scholarly pursuits for the week became of no consequence whatsoever, while at the same time, the scope of the Junior Week program scarcely justified the devotion of a full week of the serious student's time. The new plan this year, of eliminating all the half hearted classes and shortening the Junior Week period until it is packed full of lively events of genuine interest to every minute of the day, should greatly improve the attendance at this festival.

School spirit has real value for the individuals who indulge in it. Techhawks have made Junior Weeks of the past the occasions for the consummation of a school spirit surpassed nowhere in the country. It is incumbent on the student body to make the attendance at the activities this year such as to justify the perpetuation of Junior Week as an independent institution.

James G. Potter

Fraternity Notes

By DOUGLAS MACDONALD

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

PHI PI PHI

The Chapter is proud to congratulate Brother Parker and Pledge Anthon on being pledged to Tau Beta Pi, honorary engineering fraternity.

All the men wish to congratulate the Delta Tau Delta baseball team on their fine playing and sportsmanship last Tuesday in the baseball game.

Our president, Thomas Collier, left for a presidents' meeting in Cleveland, Friday, April 22. The meeting was to last over the weekend, but our president didn't show up for an alumni meeting Monday night. He wrote a letter saying that he had gone to Mississippi. He arrived home at the end of the week. We really wonder what happened to him, but he is keeping it a secret!

The alumni are planning to have their second meeting at the house on Open House Night. The house is planning many things for entertainment that night.

TRIANGLE

The house has been rather dull this past week as the boys are attempting to do enough homework at one time to hold over Junior Week when, we are sure, we shall do nothing at all. Practice sessions for the sing have been held every noon and we believe that we have as good a chance for the cup as anyone. The plans for the skit have been finished and a start has been made on rehearsals. Needless to say, we want to win again. The teams for the sporting events are coming right along and will do their best in the forthcoming inter-fraternity meets.

The brothers have already used a large quantity of nickels in getting dates for the two dances of the week,

the Fraternity Open House and the Junior Informal. We are happy to report that, so far, every man has his dates in order and everyone is happy.

PI KAPPA PHI

We recently won the ping-pong cup and are already figuring how to take it again next year.

Our baseball team is the best in years, and demonstrated its prowess by winning the first game.

We are happy again, the discord of the sing practices are either becoming more harmonious, or we are becoming used to it.

THETA XI

We are pleased to announce the pledging of Edward Chevalley, E.E. '39.

Our Hard Times party last Saturday proved that an enjoyable time can be had in spite of recessions with old clothes and dog biscuits that come along with them.

We congratulate Pi Kappa Phi on their baseball victory last week. We also congratulate Brother Young upon his initiation into Pi Nu Epsilon, honorary musical fraternity.

During the past few weeks, we have been honored by a number of visits of Eta Kappa Nu men from points around Chicago.

The members are busy preparing for the Inter-Fraternity Sing next Thursday evening and the Circus Day stunts on Friday.

PHI KAPPA SIGMA

Last Sunday the Mother's Club held its final meeting and new officers were duly elected to serve during the next term. We hope all the mothers had a happy Mother's day and will have many more to come.

Many fraternity affairs will be culminated next week, among these being the track meet, the baseball finals, the Interfraternity Sing and the Circus Day. We will have a strong representation in each stunt event.

"Hands-across-the-cup" and congratulations to Pi Kappa Phi as the new fraternity ping pong "champs".

RHO DELTA RHO

We are anxiously looking forward to our annual dinner dance which comes off next Friday night in the Continental Room of the Stevens. Brother Sam Spencer, our social chairman, is handling the arrangements for the dinner dance, and promises it will be a grand affair.

The end of the semester is approaching rapidly—too rapidly for all the back school work that we have to do—but not rapidly enough for the post-finals party we are going to have in brother Saltzman's cabin (which proves there's a silver lining in every dark cloud).

We are scrambling to get our skit and sing into final shape. What with daily rehearsals and Junior Week events, we're somewhat busy—let's say, terrifically busy.

DELTA TAU DELTA

So sorry! It was an oversight, not a lack of pride that prevented the announcement of the formal initiation of:

Harry N. Leave M. E. '41

John H. Heiberg M. E. '41

in the last issue.

At the Mother's Club Tea, held on Sunday, April 10, the following officers were elected:

President—Mrs. E. W. Duncan

Vice Pres.—Mrs. E. S. Fox

Secretary—Mrs. Olin Haubert

Treasurer—Mrs. J. B. Street

Our new officers, as previously listed, were installed on April 12, by retiring president, Bill Laise.

SIGMA ALPHA MU

Sigma Alpha Mu are pleased to announce the initiation of

Robert Barrett M.E. '41

Robert Abrahamson M. E. '40

We are having a yacht party Friday, May 13, at the Columbia Yacht Club. We are using Joe Mashman's yacht and expect to make it a well remembered affair.

Our Farewell Supper for the graduating members, will be held at the Edgewater Beach Hotel, May 28, 1938.

The Slipstick

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

Attention "G. E. Brown"

"Well, I think I'll put the motion before the house," said the chorus girl as she danced out onto the stage.

Hydro Paradox

Said the tree to the stream,
"I'll fall in you,"
Said the stream to the tree,
"I'll be damned if you do."

Lament

I often sit and meditate
Upon the scurvy trick of F8
That keeps me still a celibate
Oh, cruel F8.

I want a 10der maid sed8
To love me and to be my m8
My 40-2de is not so gr8
I cannot w8.

Oh, F8, Be9! Be4 2 L8
Relieve my awful st8
And when I've 1 this maid sed8
We'll oscul8!

Miscellaneous

Baby Corn:—Mama, where did I come from?"
Mama Corn:—"Hush, child, the stalk brought you."

Doctor: (Inquiring after boy—who had swallowed two nickels the day before)—"How is the boy today?"
Nurse:—"No change yet."

"What is home without a mother?" the Armourite said with a sigh.
"I am tonight," replied the little blonde.

Prof. of English: "What is a metaphor?"
Freshman: "To keep cows in."

Osterberg—Romeo of the Rockies
With Violet cuddling in his arms,
He drove his Ford—poor silly—
Where once he clasped his Violet,
There now is clasped a Lily.

... and then there was the freshman who thought the House of Correction was the place to which Armour's professors sent their student's papers for grading.

The car began to knock terrifically and stopped.

Heidman: "Heck, I wondered what that knock is?"

Goldie: "I think it's opportunity Heide."

Prof. (holding up text to class)

Open House Becomes Full House For Rambling Stoopbrain Bliss

Deer Sally,

Oh, mea, wat a weak!! Send mea by return expres 3 jugs of pappy's gud olde mountin dew. It may bea open howse weak, to others, but it were full howse for mea, withe no royal flush. I was trumped more often than the triple trumpeters, and everywon had a deuce. The visiting girls that I were the jack of harts, and there boy frends that I was the ace of spades. The ate bawl had nothing on mea. I was behind the ate, nine, ten, jack and king.

Juice What Am

Four a wile I waz in the juice lab,—no not like orange juice, more like pickl juice. A little olde lady wanted tew no wat that pretty blew streak waz that was shooting along beatween tew metal nobz. Wel, I waz as kuryus as shea waz, so I grabbed bothe nobz. Things popped in my brain and sparks shot from my ears, noze and mouth. That big blew streak ran up between my fingers, and vanished in the air. Just then the prof. kame up withe about 15 visitors and sed—quote: this is are exhibit of high potenshul. Two million volts are now running threw that young man, and hea hardly feels it. A million more, and he'll never feel it again." Wel, Sally, deer little mountin flour, wen they finally turned the currant off, my white korpuseles were were electrilyzed to tew per cent solution of alcohawl and water. It gave mea a most exhilarating feeling. I quick hurried

owt of there and went up tew the chem. lab, wear I waz skeduled tew give a demonstrashun. A krowd quik gathered around mea, they were so interarrested in my experiment, and possibly my laitest in blew serge overawls and for foot beerd, wich I shaved down tew threa inches. A pretty young thing, blonde eyes and blew hare, sed to mea—"I hav heard so much about it, so wat iz H tew S?" Sed I, quote and unquote—my deer innocent young thing—hav yew ever kept stale eggs in the pantry four for weaks or more? Yes, shea replied, why? And why hav yew thrown them owt, I sed. "They were odorouz," she replied. Lady, I sed, yew hav experienced H tew S. Then I preceeded tew show them my experiment of ionizashion. I had coated each ion of di-hydro-oxie withe green radium paint, and each ion of sodium and triple chloride with red radium paint, so that the ions looked like fish moving around in the see. It awted them and also Dr. Elk. E. Seltzer, famous Germain physicist from Spiders Corners, Sweden, so much that I had tew say boo to make them move.

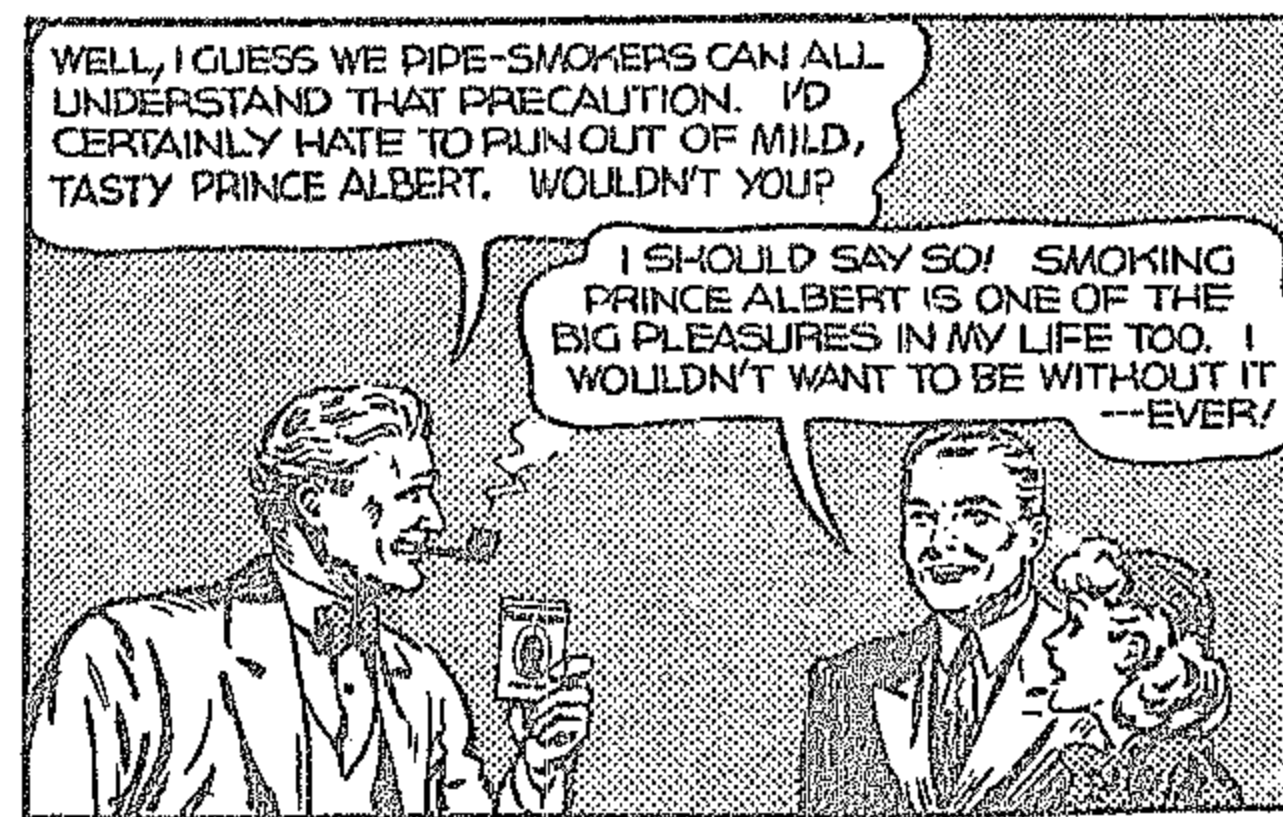
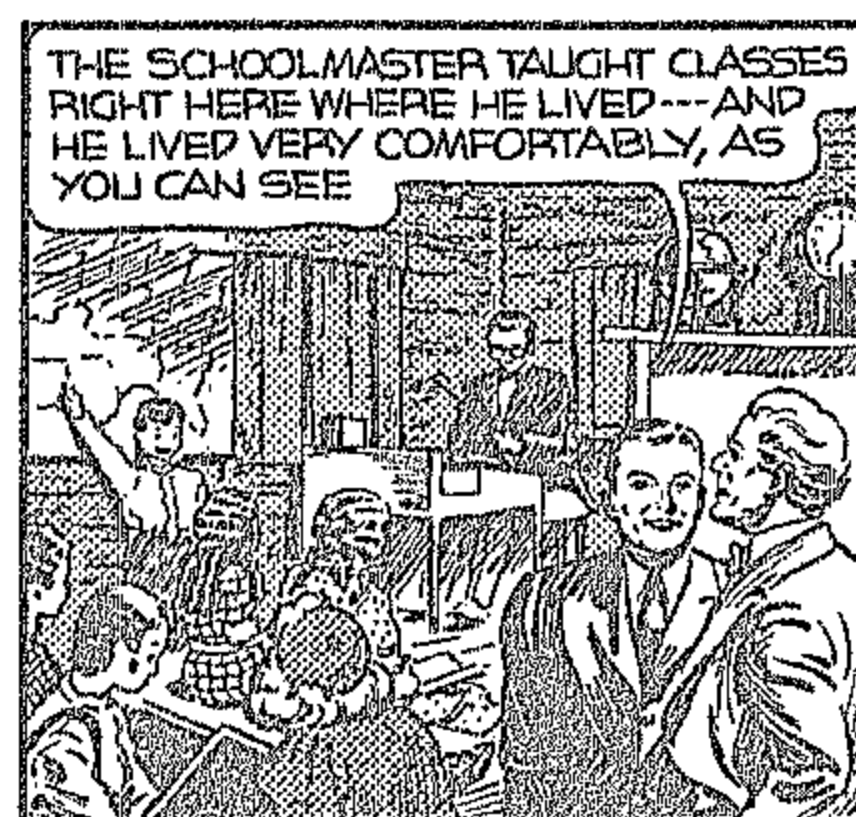
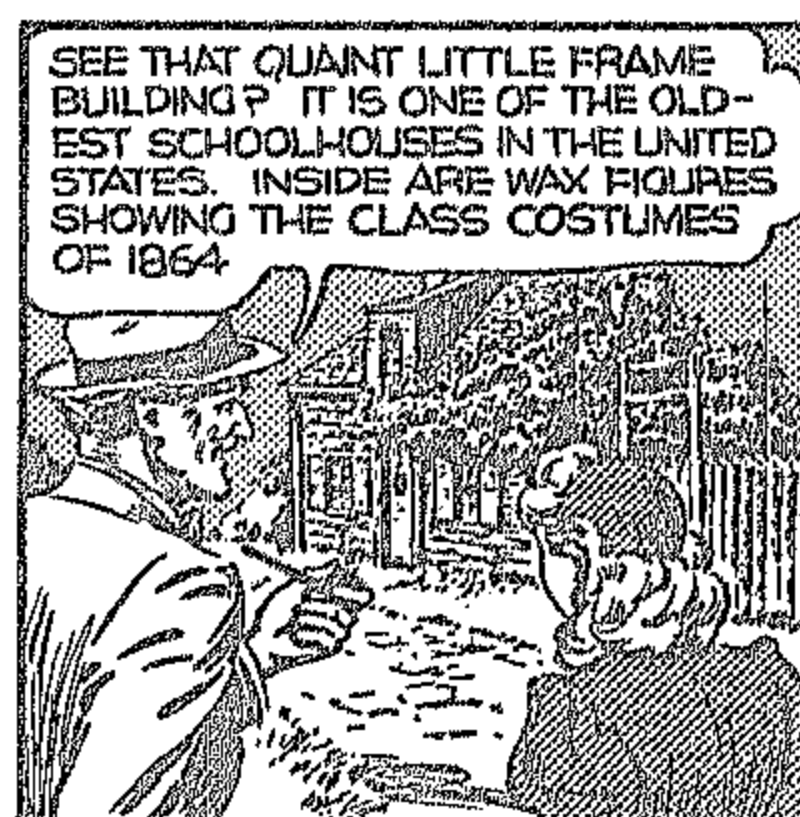
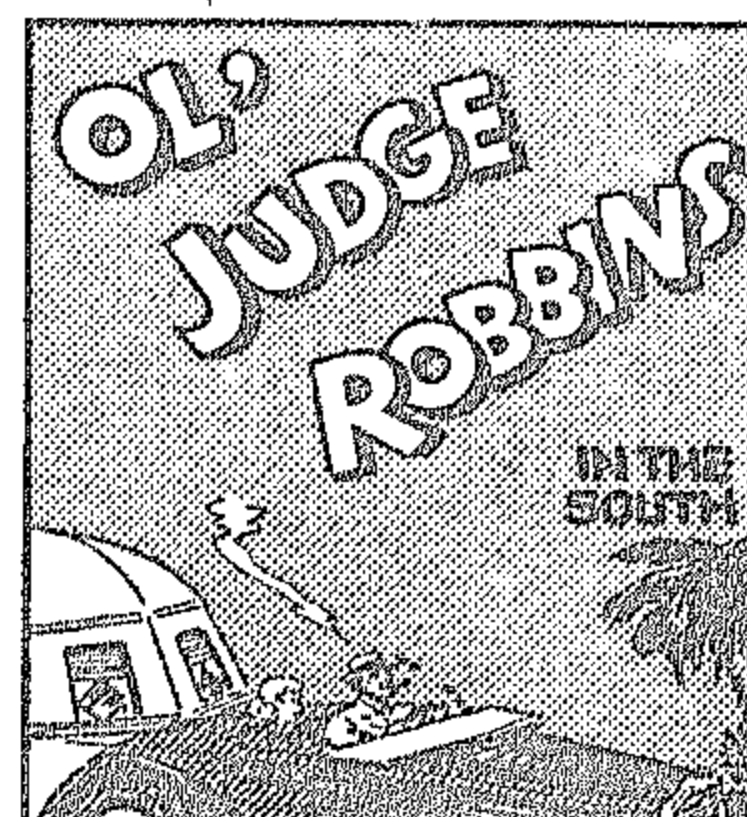
Math Made Ezee

The crowning feat of my evening waz my participation in the math. exhibit. Ladys and gentilmen, quote, I sed, I will nowe triset an angle—(grate applauze). I hav heer, sum-thing like wat the farmers use, only this iz called a pro-tracter. And in the other hand I hav an angle—any angle, 90 degrees in fact and figure. Look and sea. 30, 60, 90 degrees! I hav triset it (more applauz). Thank yew, I sed, and went tew the danze in the gym.

The plaze waz packed withe engin-eers. They hav ben going tew the danze klass, and wow! were they anxious to ride the wommins feat. They awl started owt tew dew the rumba, and ended up by dewing the bumpa.

Wel, it iz Junior weak at skool, hear, and friday iz the bige fresh-man-sophmore rush. I hear that the frosh are depantzed of there manly posseshions as sune as they step off the streat car or L. Then the frosh are used az plows by the sophs. on Odgen feald, and the frosh try tew dew the same. After thoroly mawling each other awl daye, they get there crutches, arnica and tire tape and goa tew the junior danze in the evening. Wel, Sally, I here a riviting mashean outside my window, or iz it the faculty playing the seniors, so will klose. Yures,

STOOPBRAIN BLISS.



WHEN YOU PUFF THAT EXTRA-MILD, EXTRA-TASTY PRINCE ALBERT—WELL YOU'VE GOT SOMETHING THERE! AND FIFTY DELIGHTFUL PIPEFULS IN THE BIG POCKET-SIZE TIN. THAT MAKES A BIG HIT WITH ME!



SMOKE 20 FRAGRANT PIPEFULS of Prince Albert. If you don't find it the mellowest, tastiest pipe tobacco you ever smoked, return the pocket tin with the rest of the tobacco in it to us at any time within a month from this date, and we will refund full purchase price, plus postage. (Signed) R. J. Reynolds Tobacco Co., Winston-Salem, North Carolina

Copyright, 1938, R. J. Reynolds Tobacco Co.

PRINCE ALBERT

THE NATIONAL JOY SMOKE

50 pipefuls of fragrant tobacco in every 2-oz. tin of Prince Albert

Basic Sciences In Physics Lab

Open House wouldn't be complete without the interesting and instructive exhibits of the Physics Department. The exhibits will show the simple principals and their application to modern safety, convenience and sanitation. The experiments will generally be of a more spectacular nature tending to explain simple physical phenomena. The demonstrations will include the following interesting innovations to the subject matter of physics.

Liquid Air Demonstration—Liquid air expands or changes from liquid to the gaseous state when in a hot atmosphere.

Gyroscopic Demonstration—The gyroscope when attached to a rigid body will tend to keep that body in an upright position.

Discharge Tube Demonstration—Electronic tubes display many interesting phenomena when in the various stages of evacuation.

Polarized Light Demonstration—Light upon passage through certain substances leaves the surface in only one place.

Grating Spectra Demonstration—Finely ruled metal or glass has the property of breaking light up into its characteristic spectra.

Bernoulli's Principle—A demonstration of the principle that allows ballplayers to throw curves. The interesting phases will be demonstrated with a ball on a jet, Flettner Rotor Ship and Venturi Tubes.

Photo-Electric Cell—Will include applications such as the Photo-Thyratron relay and the Photo-Electric organ.

Electromagnetism—Instrumental principal which governs the operation of many modern electrical pieces of apparatus.

Brownian Movement—A demonstration to include visible movements of the action of molecules upon particles in solution.

Radium Exhibit—Demonstrations of the Geiger Counter, Radium Apparatus and samples. These are but a few of the entertaining exhibits which will greet the visitor to the Physics Department.

Display Electrochemistry in Theoretical Chem Lab

The physical chemistry laboratory will tonight offer Open House Night visitors a cross-section view of the P Chem laboratory course at Armour Tech. Emphasis will be placed upon the electrochemical determinations performed during the second semester of the junior year although some of the first semester projects will be performed, and an illustrated student's lecture presented.

Electrochemical determinations to be presented are single electrode potentials, hydrogen ion titration, indicator constants, differential electro-metric titration, and conductivity. Electrochemistry of vital importance in the chemical industries and is a major subdivision of physical chemistry. The experiments performed illustrate the fundamentals of the science.

Time reactions, series distillation, surface tension, and the electroflux principal of freezing by evaporation comprise the second phase of the physical chemistry exhibits.

The properties of solids, a part of the physical chemistry laboratory program, will be illustrated by a student lecturer and demonstration in classroom "A" on the fourth floor.

JUNIOR WEEK PROGRAM

Wednesday—May 11
3:00-10:00—Open House.
9:45—Dancing in the Gym.

Thursday—May 12
9:00—Interclass Baseball Finals.
10:30—Interclass Relays.
11:00—Frosh-Soph Events.
1:00—Senior-Faculty Baseball Game.
2:30—Pentathlon.
8:30—Annual Spring Concert of Musical Clubs and Interfraternity Sing.

Friday, May 13
9:00—Interfraternity Baseball Finals.
10:00—Junior-Senior Events.
1:00—Interfraternity Pageant and Presentation of Awards.
3:00—Class Rush.
Evening—Junior Dance.

Moreton Delivers Talk over WCFL On Open House

A special broadcast relative to the annual Open House at Armour Institute of Technology was presented over station WCFL Saturday, May 7, in place of the regular applied science educational broadcasts sponsored by Armour at 6:15 P. M.

Professor David Penn Moreton, Director of Public Relations, member of the Institute faculty in the electrical engineering department, alumnus of the Institute in the class of '06, and with the faculty since his graduation, was guest scientist. His combined experiences with industry in the design, manufacturing and executive branches enabled him to discuss thoroughly with Alexander Schreiber the topic for the broadcast, "What Is An Engineer?"

To Prof. Moreton, the engineer is a person who works with the forces and products of nature in order to serve man and to advance civilization. In order to render this service, the engineer must be versed, not only in the theory of a particular study, but he must also be versed in the methods of practical application of that study so that mankind may profit thereby. Fundamentally, the training of a student engineer, is to the end that he may be able to successfully apply theory to practice.

"The visitor at Open House," he said "will see displays calculated to give an insight into the fundamentals of the engineering profession," what he termed the backbone of modern civilization. The exhibits illustrate step by step, the manner in which this technical knowledge is gained. In the basic sciences, such as mathematics, from elementary algebra to integral calculus and differential equations, and physics from Newton's three laws of motion."

Next Saturday, at 6:15 o'clock, Alexander Schreiber will present another broadcast, relating to the field of civil engineering. M. B. Wells, Professor of Civil Engineering at the Institute, will be guest scientist. The subject under discussion will be "Lighter Than Air Craft."

Freshman Students' Exhibit Stresses Molecular Theory

Students in the freshman laboratories, under the direction of Dr. Van Atta, will present an interest exhibit on the molecular theory—tonight. Experiments on diffusion, effusion, and osmosis will be performed to show their significance to the molecular theory. An attempt is being made to demonstrate the Brownian movement of the molecules on a scale which will permit visitors to see this interesting phenomena.

Augmenting these experiments will be a novel exhibit comparing the alchemist shop and a modern chemical laboratory. Equipment used in the alchemist shop will be contrasted to that used in our modern laboratories.

Freshman students will also perform various experiments from the regular first year chemistry work. A large number of these will be devoted to quantitative and qualitative analysis.

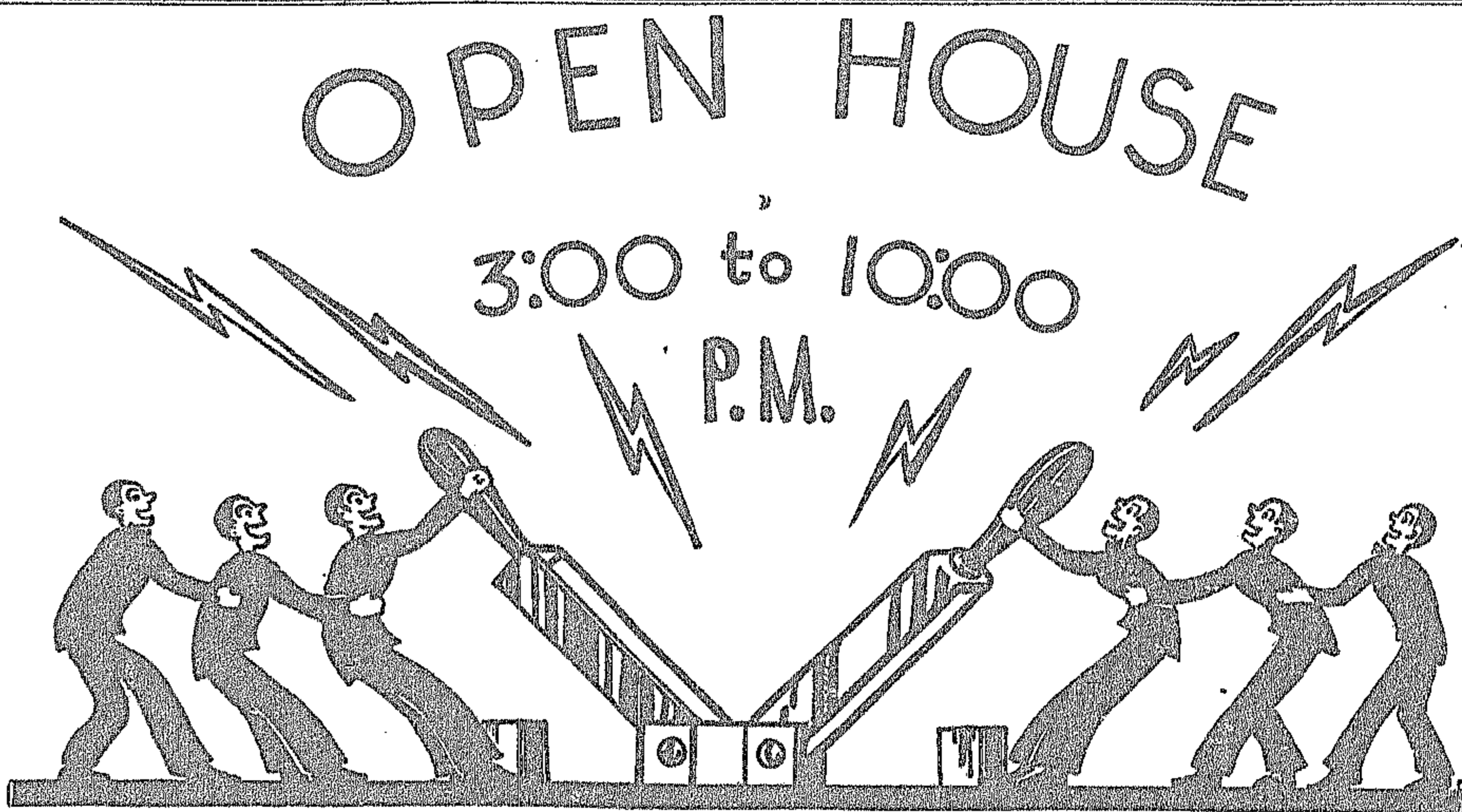
A large part of the display will be devoted to chemical reagents in co-operation with many chemical supply houses. These reagents will vary from the most common type to some of the rare products.

Time Motion Study Exhibit By Social Science Students

Time and motion study will form the basis of the social science exhibits in C mission tonight. The feature of the exhibit will be a movie illustrating time study methods but this will be supplanted by charts and diagrams relating to social science and economics.

The motion picture of time study was made in part by students taking the course and gives an idea of how a problem in motion study is solved.

With the movies will go a running explanation of the work being done. The charts and models that will be exhibited together with the movies will serve to round out the picture of the type work being done in this field of social science, and will also give some idea of the work that is being done in accounting, economics, and in the special courses offered in the department.



Radio Club Members Show Student Work for Visitors

Opening their rooms to the public today, the Radio Club will present an extensive display of their equipment. The outstanding feature will be the exhibition of their two way radio transmitting system. In this manner they will communicate with the electrical laboratory in the main building throughout the day. The club's rooms are located on the third floor, second entrance, in the Physics Building.

The radio system operates on the five meter amateur band and enables the club to contact points about the country. Because of electrical disturbances about the school, however, the transmission will be confined within the campus.

Civil Engineers Have Extensive Open House

The main exhibits of the Civil Department are located in the south end of Chapin Hall. This department has as its branches structural, railway and highway, and sanitary engineering. Each of these branches features displays.

Sanitary engineering has the filtration laboratory at the extreme south end of Chapin Hall. This laboratory occupies three floors and the basement. It is completely equipped to treat every type of raw water on a large scale. The water when coming from the source is first treated with chemicals and passed into large tanks in order to give time for the reaction to take place. When the impurities have coagulated, the water is passed through the sand and gravel filter and kept in the storage tanks in the basement. This plant is capable of handling 10,000 gallons of water a day, which is sufficient to care for a fair sized town.

The structural division features a series of models and drawings of various structural members and bridges. The soil mechanics laboratory which is connected with this division is designed to make tests on every type of soil.

JUNIOR DANCE—

(Continued from page one)

den rapidly springing into bloom and a spacious vine-covered veranda. With a spring moon in the skies, these should prove excellent hunting grounds for Dan Cupid. Should weather permit the outdoor dance floor adjoining the garden will also be used.

The Olympia Fields Club is located on Western avenue near Lincoln Highway, 3.6 miles south of Homewood. The club may also be reached conveniently by means of the Illinois Central Railroad, the station being located some three hundred feet from the club entrance. To avoid all confusion the committee has had a map drawn showing the location of the club and the various routes by which it may be reached. Copies may be obtained from the Registrar's office.

SCHOLARSHIP EXAMS—

(Continued from page one)

Chicago and suburbs, examinations will be given by the high school principal, and interviews by a representative of Armour, (alumnus) in their vicinity.

Approximately 120 students have been interviewed and have presented their applications. Judging from this, there will probably be about 200 competing for the scholarships.

Organic Lab Again Has Unified Show

The organic chemistry laboratory on the 4th floor, Main building, as in previous years, will present an elaborate demonstration on Open House Night under the supervision of Drs. B. B. Freud and R. H. Manley. This exhibit has gained wide prominence in previous years for the manner of presentation is unique in that preparations for its showing are made many months in advance. A central theme is chosen around which the motif of the exhibit is planned. This theme represents a particular portion or branch of modern chemistry and its application to industry.

A formal organization is formed by the organic chemistry students who perform their duties under the guidance of a student director, J. R. Meyer. Each student has been responsible for the successful completion of one experiment. These factors, coordinated with the central theme, permit a well balanced and interesting presentation.

Color in chemistry, which was the theme last year will be augmented this year by a new and modern subject, "Man Made Molecules." Molecules not found in nature are "built" to man's specifications. Color, odor and physical and chemical properties may be imparted to the molecules by the chemist in the laboratory.

Electricals' Lab Has Varied Show

At least a million volts of high frequency electrical energy will leap across the seven foot spark gap in Armour Mission tomorrow as visitors look on.

The "electrical engineer" type of person will of course never tire of the stream of sparks in Mission at all, but if he does, he can come into the Electric Laboratory on the second floor and watch Jacob's Ladder, a 50,000 volt arc between salt water streams, or "red hot" wires sizzling under water and yet continuing to glow.

To the Romeo type: Don't fail to bring your girl friend. In a quiet romantic corner of the laboratory the Kiss-O-Meter will be set up.

The "safe cracker" type will be especially interested in modern vault protecting systems. A grid glow tube relay detects the mere presence of a person due to his "body capacity," and rings a warning bell.

For surgeons and medical students the electric knife and the high frequency "fever machine" will be demonstrated.

Lawyers and liars will enjoy the Emotional Stability Detector, a variation of the well known Lie Detector.

Marksmen can test their skill on a rifle that does not shoot bullets. Only a beam of light is used; a photoelectric cell concealed in the bulls-eye tells when a hit is made.

The television laboratory will feature a pair of television telephones. This is the type that is now being used in foreign countries and should illustrate the great possibilities open in the television field.

Among the other exhibits of the electrical department are: operation of dial telephones, stroboscopes, electrical cost meters, the electric candle, the photo-chemical switch, magnetic field experiments, etc. The dynamo laboratory on the first floor will be running full blast. Amateur radio station, W9YW, will carry on two way communication with transmitters in the electrical laboratory.

F. P. E. Students Show New Inventions

According to chairman Howard Downing, the Open House exhibit sponsored by the Fire Protection Engineering department will be one of the most interesting that has ever been presented. The apparatus displayed will cover almost every phase of Fire Protection Engineering from the problems concerning exposure of buildings to putting out fires.

The small model village that was set up for Open House last year will be on display again tonight. This toy town has in it all of the things that are taken into account when a building is given its rating for the insurance companies. There are small structures situated on several different streets, all completely equipped with curbstones and fire hydrants. The use of the village is a graphical means of demonstrating the fire hazards that exist from exposures, communicating bridges, and types of building construction. This village makes it possible for the uninitiated visitor to understand with ease the rating principles.

In addition to the model village there will also be a complete assortment of fire extinguishers on exhibition. The standard soda-acid type will be shown in several of the approved sizes and their construction and action will be explained by the men on duty. Along with the soda-acid extinguishers will be the carbon dioxide pressure type, used where gasoline, electrical, or oil fires are a hazard, and the pyrene hand extinguisher for home use. Finally there will be the foaming type such as is used at the present time in the chemical laboratories.

Along the line of public protective measures there will be several pieces of equipment that are used by the Chicago fire department. These will include an alarm recording device, one of the most ingenious inventions of our time, and one of the swinging radiator lights that have been placed on all of the regular fire department vehicles. Finally, there will be the usual siren, one of the big noises of Open House night.

The private fire protection devices of automatic sprinklers will be prominently displayed.

grinding, boring and shaping machines. In the welding and heat treating shop, flame hardening of gear teeth and all types of electric arc and gas welding will be shown. Many special welding machines will also be shown. Among these are a pipe cutting and welding machines, radial and straight line cutting machines and a special alloy surface welding device for coating hard wearing edges and surfaces with a special hard rod.

Foundry work will include sand testing, mold and core making. Aluminum castings will be poured frequently during the afternoon. Over two thousand pounds of cast iron will be poured during the evening.

MAJ. GEORGE MASON

GRADUATED FROM THE UNIVERSITY OF MICHIGAN AT THE AGE OF 21! AT 21 HE WAS WITHIN A FEW WEEKS OF RECEIVING HIS DEGREE WHEN HE ENLISTED IN THE CIVIL WAR. HE WAS PRESENTED WITH HIS SHEEPSKIN 72 YEARS LATER!

DE-PANTSING —
AT ARMOUR TECH (CHICAGO) ALL FRESHMEN REFUSING TO WEAR GREEN CAPS ARE STRIPPED OF THEIR PANTS AND REQUIRED TO WALK IN SUCH A STATE TO ALL CLASSES DURING THE DAY!

ALEXANDER WOLCOTT
WAS NEARLY VOTED OUT OF HIS FRATERNITY BECAUSE HE INSISTED ON WEARING A RED FEZ AROUND THE HOUSE.
GALX - HAMILTON COLLEGE.

Junior Marshall Outlines Three Day Sport Bill

Also Humbly Admits It's Juniors "3 to 1" for Week

By T. A. Clark

Athletically inclined engineers are in for three hectic days of activity. Starting bright and early tomorrow morning at nine, they'll find their hands full from then until the end of the week. Track, baseball, the pentathlon, and individual and group stunt-races will be participated in, as well as the newly inaugurated Armour marble championship games.

At nine bells tomorrow the winners of the first round of the inter-class softball games (played off this morning) will fight to the bitter end for the softball title of the school. Fast-pitching and a fourteen inch ball will be used, a combination that makes for action. Last year's winners were the present juniors, who, although they are playing host this week, are expected to be very unsportable and repeat.

Yes, the Juniors Won It

Following closely on the heels of the ballgame, and barely giving time for the dust to settle, will be the inter-class relays. Four picked men from each year will give their all for the honor and glory of the class of '38, '39, '40, or '41. Who these men are nobody knows, and probably won't until the gun goes off, for much secrecy and strategic conniving surround the list of entrants. A brief pause will then sustain to give the frosh and soph a chance to gambol about on the field with a tug-of-war, egg races, and what-not, before Junior Week moves merrily on its way with the senior-faculty baseball (?) games. This popular classic is a hangover from 'way back and should be worth the price of admission alone.

Six Teams Retire From Softball Play

Both Brackets Contain Eight Teams

Although only two weeks of the softball tournament have elapsed, already six teams have found the going too tough and have dropped by the wayside. The elimination of these teams, four from the lower bracket and two from the upper, leaves eight teams still under consideration in each section.

During the course of the play several upsets have occurred, but all the favorites have come through, although not as expected. In the upper bracket, the senior chems are sharing the top rung with their electrical classmates.

Chems Win Close One

The chems won the opening game from the junior civils, but in doing so they didn't look the part of champs. The final score was 7-6 but in the sixth inning the civils had a man on second when Wagner made a nice stop and throw to get the second out and then O'Connell made a sweet running catch in left center to end the inning. After that it was easy for Marshall to win his first start. In their second game the chems eliminated the junior mechanicals by a 10 to 2 score.

Anderson Hurls Shutout

Although the junior elects lost their first game, they came back in their second encounter and unveiled a new pitcher. Jerry Anderson, who previously had played almost anywhere, went in and hurled the first shutout of the tournament.

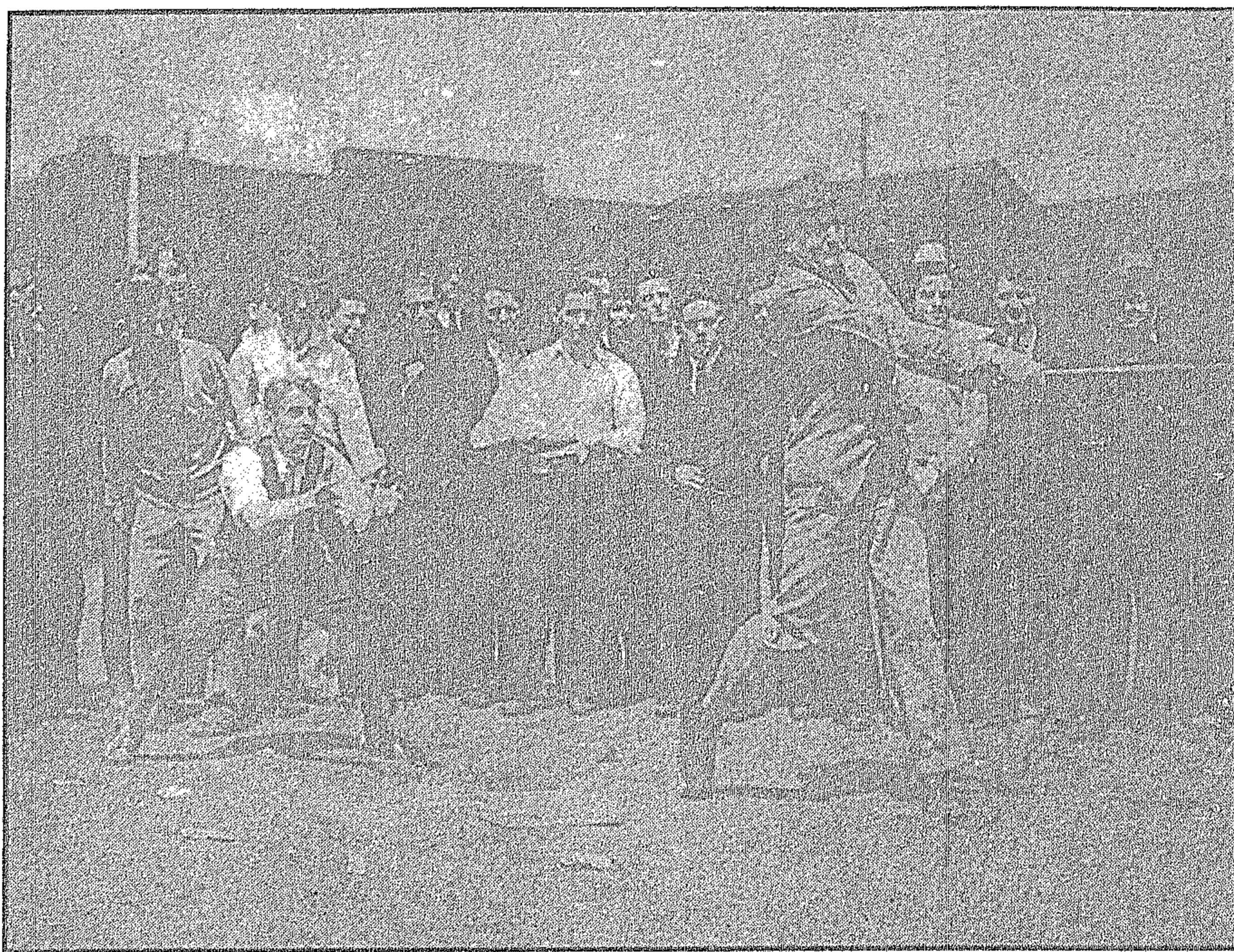
The most spectacular rally of the week occurred Thursday, when the junior fire protects staged an eight run rally to tie the senior civils 12-12. In the final inning with bases loaded, a fly ball found Bolts Anderson running back and forth between third and home, finishing safely on the winning end as the catcher dropped the ball.

Mechs and Chems Still Going

In the lower bracket the soph mechs roll merrily along but are in danger of meeting up with a surprise. The surprise is in the form

(Continued on page six)

John's Form Was Too Good for Seniors



Professor John J. Schommer, athletic director, finds the seniors' delivery easy in the senior-faculty game two years ago. Last year made history in this traditional game in that it was the first time the seniors had won in many years. Tomorrow the faculty will be out to regain its title, and with the absence of the baseball team, may find this very easy.

sion alone. I might mention that said price of admission is exactly zero dollars and no cents, but some people might consider that as a low crack, and not just accept it for its news value alone as it was intended.

Fraternities in Baseball Finals

The fraternities have been busy the past two weeks eliminating each other from their own private softball feud. Friday morning the two finalists will meet on common ground, and from the fracas will emerge the new champs. Because of the lack of time in this new three-day week (sounds paradoxical,

what?) the inter-fraternity track meet was held yesterday afternoon, and their relay this morning. After due consideration I've come to the conclusion that the frosh-soph rush doesn't come under the heading of athletics (after all the Roman gladiators were never called athletes) but would like to suggest that liniment, arnica, and stuff be kept on hand by the barrel.

Something New?

Oh yes! the marble contest. I had nearly forgotten. This will be the ultimate test of the engineers, what with figuring the trajectory, the

F=MA, the momentum; why even calculus has its place in this science. Each class will be represented by three dead-eyes who will square off across the ring and shoot it out.

In reviewing last year's Junior Week I might mention that the present junior class not only won the softball title, but also ran away with the inter-class relays, swamped the freshmen in the rush, and had three men on the medal list of the pentathlon. But you see I'm a junior, and some unfavorable comment might arise. "Favoritism, prejudice, etc. The scab!"

Golf Team Beats Wheaton 12-6; Netmen Trim Indiana State 5-1

Armour's golf squad met its first collegiate visitors at Southmoor Country Club last Saturday and defeated the Wheatonites 12-6. All the scorings were based on the morning doubles score cards since the afternoon rounds were rained out on the sixth tee.

Captain Twick Davidson, playing number one doubles with Johnnie Fox, shot the lowest score, 80, while the two of them defeated Watt and Alven of Wheaton, 8-0. The Wheaton second doubles team of Anderson and Brown, came back to defeat Don Sunde and Ralph Schmal, 2-1.

Showers Interrupt Netmet Also

In the afternoon rounds the twosomes were halted on the fifth hole by some typical "on your day off" golf showers, and took it on the lamb to the clubhouse where the morning cards were consulted. Fox shot sec-

ond low score with an 84 morning ticket.

Meanwhile the Netmen were caught in the same shower, but managed to find the shelter of the University of Chicago Fieldhouse where they trimmed the Indiana State Teachers tennis squad 5-1. Here Tech enjoyed a good part of the crowd that watched the Maroons shut out Michigan 9-0.

Swanson Beats State Contender

Ed Swanson had the privilege of defeating Fred Needham, 'contender' for the State of Indiana collegiate title, although with much difficulty. One of their games on the Midway deuced a couple of dozen times while Fred went on to win the first set 7-5. Ed returned the next loss 6-2 while in the Fieldhouse and barely won the third and match, 7-5.

Needham and Miller fought hard to upset Tech's ace doubles, Swanson and Natinchek, after the latter had won the first 6-0. Two constantly tied sets followed, both ending up 7-5 for Indiana State and saving them from their first shutout. Armour won every match but this.

Captain Joe Kubic defeated Miller quickly, 6-1, 6-1, in the only match to finish on the Midway courts. Indiana State brought but four men.

Summaries

Singles: Swanson (A) defeated Needham (I), 5-7, 6-2, 7-5; Natinchek (A) defeated Milan (I), 3-6, 6-1, 4-0; Kubic (A) defeated Miller (I), 6-1, 6-1; Lange (A) defeated Zlatnik (I), 6-4, 6-5, 6-0. Doubles: Needham and Miller (I) defeated Swanson and Natinchek (A), 6-6, 7-5, 7-5; Kubic and Lange (A) defeated Milan and Zlatnik (I), 3-6, 6-3, 6-3.

Pi Kaps Take Ping Pong Championship

Defeating the previous champions in two straight matches, Pi Kappa Phi won the interfraternity Ping Pong title last week from Phi Kappa Sigma.

"The squad, which had defeated Triangle and Phi Pi Phi to reach the finals, consisted of Ralph Schmall, Herald Babel, Frank Heidenreich, singles, along with Harry Heidenreich and Robert Winblad in the doubles.



SALE COMBS THE WORLD FOR PICTURES THAT THRILL

What Margaret Bourke-White, famous photographer, said when Ralph Martin asked if she found a difference in cigarettes

"Cigarettes seem pretty much alike to me. Do you find some difference between Camels and the others, Miss Bourke-White?"

"I've found that Camels are very, very different, Mr. Martin—not just in one way, but in a lot of ways. For example, my nerves must be just as trustworthy as a steeple jack's. Camels don't jangle my nerves. They taste extra-mild and delicate too. Camels never leave an unpleasant after-taste, and they're so gentle to the throat. In fact, Camels agree with me in every way! I think that's what counts most—how your cigarette agrees with you!"

STEEL MILLS, dams, skyscrapers, subways (as above)—appeal to Margaret Bourke-White. She's gone all over the United States. Her photographs are famous. They're different! Miss Bourke-White made that same remark about Camels to Ralph Martin at the New York World's Fair grounds (right).



Camels are a matchless blend of finer, MORE EXPENSIVE TOBACCOES—Turkish and Domestic

PEOPLE DO APPRECIATE THE COSTLIER TOBACCOES IN CAMELS

THEY ARE THE LARGEST-SELLING CIGARETTE IN AMERICA

ONE SMOKER TELLS ANOTHER

"CAMELS AGREE WITH ME!"

Leading growers tell their preference in cigarettes—it's Camel!

"We smoke Camels because we know tobacco," tobacco planters say



I smoke Camels—I know there's no substitute for expensive tobaccos. Most planters favor Camels.



So I know they use finer, more expensive tobaccos in Camels. That's one mighty good reason why my cigarette is Camel.

Check up on your time for hearing E-D-D-I-E C-A-N-T-O-R!

America's great fun-maker and personality brought to you by Camel cigarettes, every Monday night over Columbia Network. See local newspaper for time.

Also BENNY GOODMAN'S BAND

Hear the great Goodman Swing Band "got to town." Every Tuesday night at 8:30 pm E.S.T. (9:30 pm E.D.S.T.), 7:30 pm C.S.T., 6:30 pm M.S.T., 5:30 pm P.S.T., over Columbia Network.

Title Rocks as Cards Whip Tech; Michigan State Next Objective

N. Central Wins 13-12
After Shutting Out
Armour 11-0

N.I.C. TITLE THREATENED

Leaving the N.I.C.C. title defense in a delicate situation, the Techawks fell before an eighth inning, eight run rally to lose 13-12 to a fighting North Central nine at Naperville last Saturday. It was the Cardinal's second victory over Armour in a week, having shut out the engineers 11-0 at Ogden Field last Tuesday.

Although the entire game was played in a steady drizzle of rain, the Armour spirit was not easily daunted. By the end of the first half of the eighth inning the Techawks had built up a 10-2 lead. Then came the Cardinal's big inning. After one was out, Jimmy Dunne misjudged a curving liner, letting Heilman on the base. Roche then dropped Bettinger's looping fly in right field. After a weird combination of hits, walks, errors, and wild pitches the score was tied at ten all. Willie Kruse fanned the next two men to retard the rally. However, Armour came right back and scored two reassuring runs.

Yursis Relieves Kruse
With one out Dunne knocked out his third single. A hard triple into center field by Wagner scored Dunne. Wagner sneaked home on a wild pitch. The prospect for more runs was increased when Seidenberg walked and Krause singled.

Al Yursis then went in to pitch for the Tech nine, Kruse having moved to right field. He promptly walked Theilids, hit the next man, and gave Heyden a single, scoring Theilids. On a play at the plate, Gazoustus was tagged out by Green. A hit by Gabel brought in the tying run. After Yursis yielded another hit Kruse was called in on the mound with the bases loaded. As an overture to the sad turn of the game Will gace Heilman four balls, walking in the winning run.

Armour (12)	North Central (13)
Roche, rf.	Hayden, lb.
Dunne, 2b.	Parker, rf.
Wagner, ss.	Gabel, cf.
Seidenberg, c.	Tiefenthal, p.
Krause, p.	Heilman, ss.
Green, lb.	Bettinger, 3b.
Gebel, 3b.	Roche, lf.
Krause, cf.	Cooper, 2b.
Leonard, lf.	Gazoustus, c.
Yursis, p.	Theilids, 2b.
12 17 3	13 17 4
Armour	013 210 302-12 17 3
North Central	001 001 083 17 4

ARMOUR PHILLIES

The North Central Cardinals met Armour last Wednesday on Ogden Field where they were shown by the Techawks how the game of baseball should not be played. This display included a demonstration of seven varied errors along with the weakest batting seen in quite a while and an example of what the lack of spirit can do. A pair of singles was the best Coach Stenger's men could do against the Cardinals who clouted the pill for fourteen hits, netting an 11 to 0 shutout.

The Techawks' first inning of defense was pitiful. Only nine men batted for North Central in the first inning and scored four runs on three hits.

Rally Again in Eighth

The Cardinals were held in comparative check until the eighth inning, when the Naperville boys had a stroke of luck that enabled them to raise their score with five runs. It seemed that whatever the Techawks did went against them. Desperate attempts by Pacocha to pick men off base resulted in a pair of balks, something that is rare with Armour's pitching staff. Four hits along with the usual errors brought the final score to eleven runs before the Cardinals were retired.

NORTH CENTRAL	ARMOUR
Heyden	4 1 2
Parker	6 1 0
Gabel	4 2 0
Tiefenthal	4 2 1
Heilman	6 0 0
Bettinger	5 3 0
Oesterle	5 1 0
Cooper	4 1 0
Gazoustus	4 1 0
Leisure	1 0 0
43 11	4 5 Seidenberg
31	2 7

Ballmen Hope to Regain
Prestige on Trip
to Michigan

WHEATON HERE TODAY

By Howard Coyle
Lansing, Michigan, will be the setting next Saturday afternoon when Armour Tech strives to recover in one game what it has been losing in the past three or four—namely, prestige.

The game with Michigan State is only what the Techawks have been waiting for ever since they beat Mills and Chicago, but with last week's "relaxation" preying on their minds, the game has gathered new aspect and moment.

Michigan State Prominent
Shutting out the Maroons placed Armour on the level with the best of the Big Ten, and Michigan State with its reputed strength greater than most Conference teams may key up the squad even moreso than it was for Chicago and Mills. The squad plays Wheaton here today before leaving on its road trip.

The ballmen leave tomorrow afternoon for Ypsilanti where they face the Michigan Normal nine on Friday. The squad then leaves for Lansing that night. Willard Kruse will be rested until then, when he will assume his greatest task of the season.

Joe Pacocha will carry the mound burdens in the Ypsilanti game supported by Tech's infield of Green, Dunne, co-captain Wagner, Gebel, and co-captain Seidenberg behind the plate.

Golf Team in 18-12 Romp over Alumni

Schmal Shoots Low 78; Fox Dockets 79

Armour's varsity golf squad defeated the alumni squad a week ago Saturday at Southmoor Country Club by a score of 18-12. Ralph Schmal, a sophomore co-op student from Hammond Indiana, playing his first year on the squad, took low score honors when he shot a 78 in the morning doubles.

John Fox, a sophomore architect, playing in his first match on the squad, turned in a neat score of 79 for honors in the afternoon singles. Captain Twick Davidson, senior architect, made a brilliant surprise victory over Wesley Miller of the alumni, who has been club champion at Southmoor Country Club for a number of years.

Both John Fox and Melvin Korrell, a freshman, showed strong possibilities of championship material.

Singles: John Fox (79) defeated Jack Shanahan (85), 2-0; Ralph Schmal (84) defeated Larry Davidson (85), 2-1; Twick Davidson (83) defeated Wesley Miller (84), 2 1/2-1/2; Don Sunde lost to Bill Zingham (85), 1/2-2 1/2; Melvin Korrell defeated Ahern (85), 2-1; Don Mackey (109) defeated Bob Richards (87), 2-1; Carl Malmfeldt (85) lost to S. Johannson (85), 3-0.

Doubles: Sunde and Davidson lost to Miller and Zingham, 1/2-2 1/2; Malmfeldt and Schmal defeated Johannson and Davidson, 3-0; Fox and Mackey defeated Richards and Shanahan, 2 1/2-1/2.

Chem Bowlers to Face Faculty Medley Team

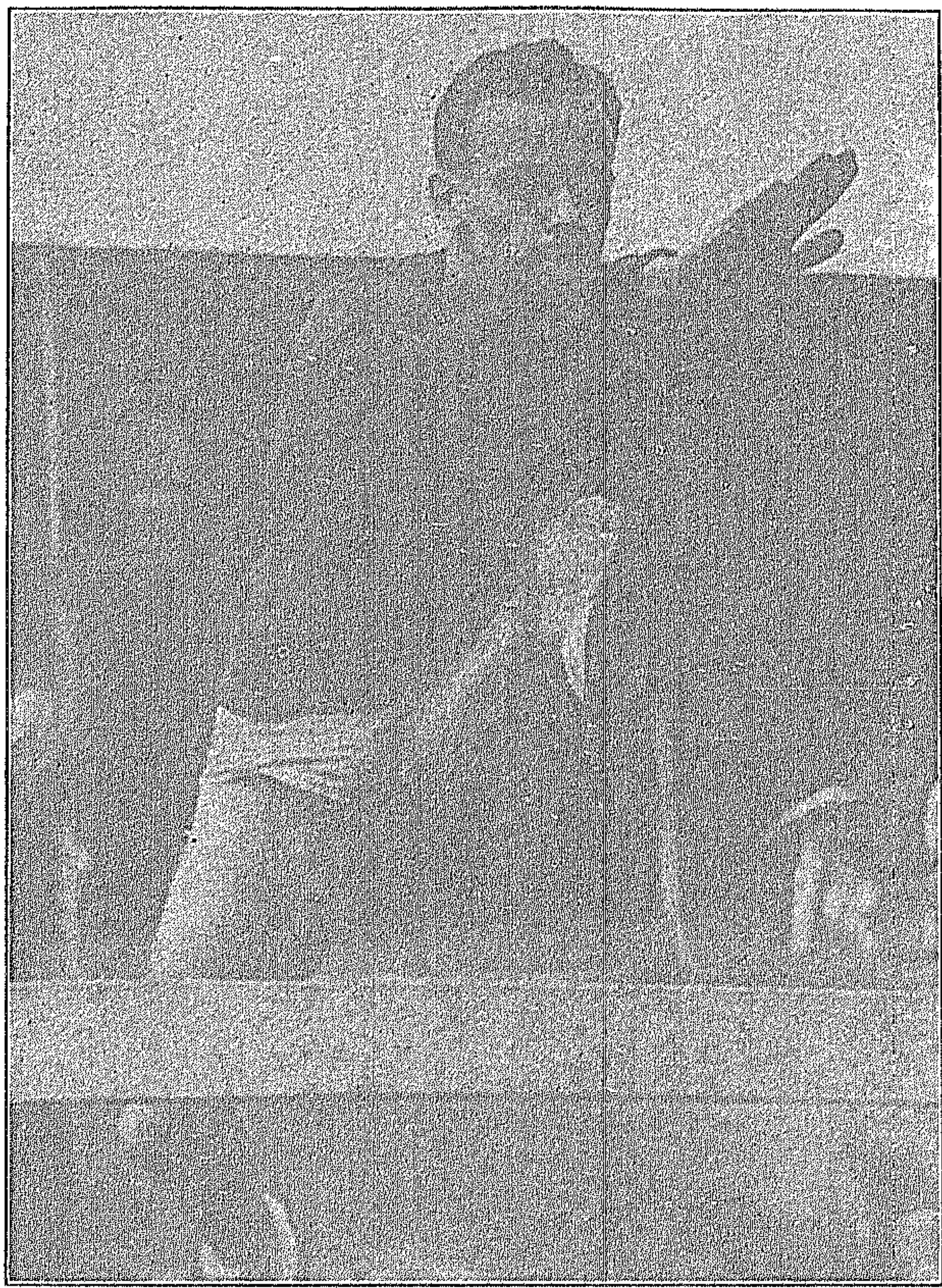
As a special conclusion to the first Armour Bowling Congress the soph chems, recipients of first place honors, will meet a team composed of several members of the faculty. The date of the match is as yet undetermined but will be sometime this week.

The personnel of the faculty team is also to be decided, but according to Bill Chelgren, Professors Swineford, Peebles, and Huntly will be among those to see action. All arrangements for the match are in the hands of the intramural manager. The match will be played at the site of the tournament, 35th and Halsted.

As a result of winning the tournament, the soph chems will be awarded the customary A.T.S.A. medal. It was only after much discussion at the last meeting that the board decided to give medals for the activity. The reason for the hesitancy in awarding the medals was the fear that the tournament was just a pass-

TRACKMEN WIN TRIANGULAR MEET

BRADLEY NEXT, SAM!



—PHOTO BY MEHRINGER

"Sammy" Bingham of Armour Tech Relay fame takes a hurdle on Ogden Field's runway while preparing for the Beloit Relays which were held last Friday night. He will be one of the team's hopes on Stagg Field Friday when the squad faces tough competition in Bradley Tech, and Saturday at the Elmhurst Invitational. Alex Bingham has compiled an enviable



Junior Week, the most concentrated intramural week at Armour, and, incidentally, concentrated to three days this year, is also the busiest intercollegiate week. The ballmen face Michigan State, the tennis squad meets Purdue on the Midway Saturday, and Tech's cindermen face Bradley Friday and Elmhurst's guests Saturday. Moreover, the golf team, netmen and ball club are due on the road for two or three games apiece.

A glance at the batting averages up to Saturday's game with North Central showed Irv Seidenberg leading with a .542 average. Joe Pacocha had made the high total of 11 runs, although hitting only seven times and averaging .250. Kruse and Green had the only two-base hits, while Kruse at bat 28 times had never struck out, but was hitting only .170.

Perhaps we shouldn't rub it in to the baseball squad for losing three straight games, especially since these followed a 13 game streak. Nevertheless, while the team is playing around, relaxing, or whatever, with their easy opponents, they're losing their own N.I.C.C. title, a good name, and everything they are actually capable of winning. The main reason of course, is that all opponents are keyed up to beat the champs.

ing fancy and wouldn't become an important part of the intramural activities. However after being informed of the turnout and the interest arising from the tournament as a whole, the board readily awarded the medals. The recipients of the same are, Nicholas Natinchek, Robert Carpenter, Joseph Grigas, Johnny Cultra and George Molitor.

Averages of the Champions	Soph Chems	T.P.	G.	Ave.
Carpenter	2516	15	167.7
Natinchek	2409	15	160.9
Cultra	2411	15	161.7
Molitor	1389	9	154.3
Grigas	1704	12	142.0

Tech Relay Team Comes in Second At Beloit Relays

Competing in Beloit's second annual Relays last Friday night, Armour's track representatives were nosed out of any placing positions, but managed to score a total of 13 1/2 points. Tech's two mile relay entry compiled most of these when it placed second in that event for 8 points.

Captain Dunbar took a third in the 100 yard dash for Techs individual high of 3 points. Vandekieft won fourth while heaving the shot for 2 points, and Dixon vaulted over the dimly flooded bar for a four way tie and 1/2 points.

Armour's two mile relay team consisted of Deuter, Ryan, Platz and Finnegan, each running a half mile in that order. Sammy Bingham, who was also expected to gather points for A.I.T. in the 100 yard dash, took a bad start and was closely called out of second place in his afternoon heat.

Grinnell won the Beloit Relays with 66 1/2 points, Lawrence placed second with 53, Coe third with 37, Beloit fourth with 29, and Illinois Wesleyan fifth with 22.

Netmen Shut Out St. Viator Squad

Win 7-0 After Tying Wheaton 3-3

Hitting their stride last Thursday, Armour's racket men slashed their way to a decisive victory over St. Viator by shutting them out 7-0 at the Stagg Field courts. The victory was accomplished by sweeping the five singles and two double matches.

All of the victories in the singles were achieved in straight sets. Nick Natinchek's service was working perfectly with the result that he did not lose a service during the afternoon.

Swanson Trims Nelan

Ed Swanson proved to be back in his winning form by trimming J. Nelan 6-3, 6-1. Kubik showed his best form of the season in downing G. Perona, 6-3 and 6-1.

Swanson and Natinchek combined their skills to defeat the number one doubles team of Nelan and Dovorany. The first set was won in a romp, 6-1, but the Techawks slackened on the second to win by 7-5. The second doubles team of Lange and Wagner encountered some stubborn resistance from Driscoll and Foley who took the only set of the day for St. Viators. After dropping the first set 1-6, the Tech pair came back strongly and won the match by virtue of 6-2 and 6-4 wins, enabling Armour to make a clean sweep of the meet, 7-0.

Summary:
Singles: Swanson (A) defeated Nelan (V) 6-3, 6-1; Natinchek (A) defeated Dovorany (V), 6-3, 6-4; Kubik (A) defeated Perona (V) 6-3, 6-1; Lange (A) defeated Driscoll (V) 8-6, 6-2; Wagner (A) defeated Foley (V) 6-3, 6-1.

Doubles: Swanson and Natinchek (A) defeated Nelan and Dovorany (V) 6-1, 7-5; Lange and Wagner (A) defeated Driscoll and Foley (V) 1-6, 6-2, 6-4.

Lose Doubles to Wheaton

After winning three out of four of the singles matches at Wheaton last Tuesday, the Tech netmen dropped both of the doubles matches and had to be content with a 3-3 tie. Ed Swanson, reinstated in number one position for the first time, met his first defeat of the season.

Nick Natinchek, Joe Kubik, and Bob Lange experienced no great amount of difficulty in overcoming their opponents in straight sets, but Swanson didn't show his usual form and found Fisher a little too tough, being defeated 3-6 and 6-8.

Split Up Team—Lose!

Due to the fact that the number one doubles combination of Natinchek and Swanson were split up, Armour dropped both of the doubles matches. Natinchek and Kubik fought a hotly-contested match with

Wheaton Bows With Elmhurst To Tech Squad

Captain Dunbar Scores High With 3 Firsts At Elmhurst

ALSO WIN DUAL COUNT

Armour's cindermen in good form last Saturday came through to win over Wheaton and Elmhurst in the annual triangular meet held at Elmhurst. The score stood 119 for Armour, 55 for Wheaton, and 45 for Elmhurst.

The meet was also scored as a dual meet between Armour and Wheaton and here also the Techawks came through 100 to 30.

Dunbar Wins Three Events

Victories in the 100 and 220 yard dashes, and the low hurdles gave Dunbar high scoring honors. Armour secured both firsts and seconds in the pole vault, shot put, half mile, high hurdles, and 100 yard dash.

Covington, Cerovski, and Matthews combined to get 1, 2, and 3 in the quarter mile, while in the dual meet the Techawks swept three events and placed first and second in five others.

Summaries

ONE MILE RUN—Won by Vernon (E); Faust (A) second; Dunne (W) third; Isbell (W) fourth; Ouland (W) fifth. Time—4:53.

440 YARD RUN—Won by Covington (A); Cerovski (A) second; Matthews (A) third; Campbell (W) fourth; Lienberger (E) fifth. Time—1:44.6.

100 YARD DASH—Won by Dunbar (A); Bingham (A) second; Bohle (E) third; McDonald (A) fourth; Roseback (E) fifth. Time—:10.4.

120 HIGH HURDLES—Won by Rothenberg (A); Edwood (A) second; Prasse (E) third; Seigfried (W) fourth; Vickers (W) fifth. Time—:17.2.

880 YARD RUN—Won by Platz (A); Ryan (A) second; Shoelke (E) third; Deuter (A) fourth; Durland (W) fifth. Time—2:04.9.

220 YARD DASH—Won by Dunbar (A); Bohle (E) second; McDonald (A) third; Royer (E) fourth; Niles (W) fifth. Time—:23.9.

TWO MILE RUN—Won by Finnegan (A); Shierhorn (E) second; Dunne (W) third; Loyd (W) fourth; Faust (A) fifth. Time—10:46.1.

220 LOW HURDLES—Won by Dunbar (A); Rothenberg (A) second; Prasse (E) third; Seigfried (W) fourth; Vickers (W) fifth. Time—:17.2.

SHOT PUT—Won by Vandekieft (A); Dunbar (A) second; Gavin (W) third; Reid (W) fourth; Krierim (E) fifth. Distance—40 feet 7 inches.

POLE VAULT—Won by Dixon (A) and Edwood (A) tie; Modisher (W) third; Dunkin (W) fourth; C. Reid (W) fifth. Height—10 feet 6 inches.

DISCUS—Won by Gavin (W); Vandekieft (A) second; Stehman (A) third; Burman (A) fourth; Reimer (W) fifth. Distance—118 feet.

JAVELIN—Won by Jepson (E); Clark (A) second; Reimer (W) third; Stehman (A) fourth; Heidreich (A) fifth. Distance—134 feet.

HIGH JUMP—Won by Lee (W); Vandekieft (A) and Young (E) tied for second; Heidreich (A), Rothenberg (A), and C. Reid (W) tied for fourth. Height—5 feet 10 inches.

BROAD JUMP—Won by Clark (A); Lee (W) second; C. Reid (W) third; Low (E) fourth; Seigfried (W) fifth. Distance—19 feet 11 1/2 inches.

RELAY—Won by Armour (Deuter, Matthews, Covington, and Cerovski); Elmhurst second; Wheaton third. Time—3:41.3.

SPORTS SCHEDULE FOR WEEK

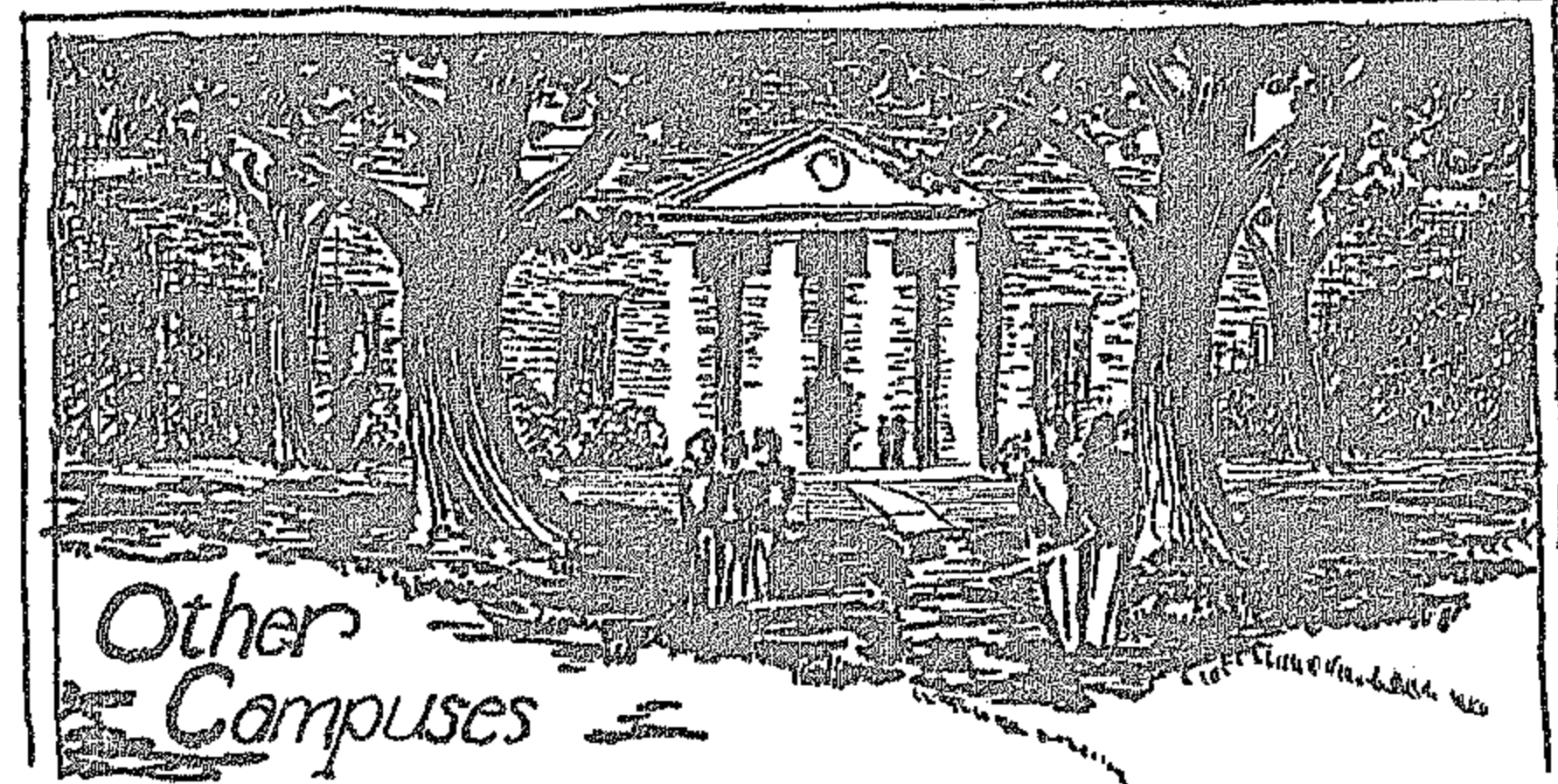
Baseball	Wheaton here today At Michigan Normal (Ypsilanti) Friday At Michigan State (Lansing) Saturday
Golf	At Illinois State Teachers today At Wabash College Thursday
Tennis	At St. Viators today At Indiana State Teachers Thursday Purdue here Saturday
Track	Bradley at Stagg Field Friday At Elmhurst Invitational Saturday

H. Moffet and S. Moffet. The first set was duced at 5-5 and the Wheaton boys went on to win, 7-5. In the second set the two engineers staged a comeback and rallied to a 8-6 win, but faded out in the final set to lose, 3-6.

Swanson and Lange tried hard to give Armour a win in the doubles and a victory in the meet, but were outplayed by Fisher and Cheesebrow, 6-4, 6-2. Summary:

Singles: Fisher (W) defeated Swanson (A), 6-3, 8-6; Natinchek (A) defeated H. Moffet (W), 6-3, 6-4; Kubik (A) defeated S. Moffet (W), 6-2, 6-4; Lange (A) defeated Miller (W), 6-2, 6-0.

Doubles: H. Moffet and S. Moffet (W) defeated Natinchek (A) 7-5, 6-8, 6-3; Fisher and Cheesebrow (W) 6-4, 6-2.



(By James Hebson)

In Hawaii, the men students as well as the coeds learn to do the hula as part of their social training, according to an ex-president of the student body at the University of Hawaii.

Ohio State University is cooperating in a radio project designed to strengthen cultural bonds between the United States and Mexico.

More than 250 students of the University of Washington picketed the University Theatre recently as a protest against the dismissal of a member of the faculty.

According to a series of interviews with the men at the University of Nevada, coeds go to college to get a husband. Only a few of the men were of the opinion that they came to further their education.

Los Angeles Junior college will open its new radio station, KFAC, soon. The administration and operation of the station lies entirely in the hands of the students.

Anthony Duke, Princeton student and heir to part of the Duke tobacco fortune, has an allowance of \$80 a day.

Mercer University has had at least one son of O. P. Gilbert, alumnus of 1897, enrolled for every year since 1920.

A "war and peace" library numbering about 1,000 volumes, has been given to Iowa State College by Carrie Chapman Catt, world famous woman suffragist.

Speaking of chain letters! Members of the 1916 class of Frances Shimer college have kept in touch with each other for 22 years with a constantly circulating letter.

Prof. William Lyon Phelps of Yale, one of America's best known educators, carries an umbrella almost constantly.

Miss Kathryn Kayser of the Speech department at Kansas State Teachers College claims that 95 per cent of college women desire a home and children more than anything else in life.

Dr. J. A. Gamewell has been teaching at Wofford College for 63 years. He is the oldest member of Kappa Alpha fraternity.

House parties at Oxford University, England, are held in tents.

Gladys Lovinger Singleton is the only woman among the 6000 students at the college of the City of New York. She plans to be a civil engineer.



Well, since this column is the news of the Arx, here's news of the judgments: in the Junior judgment, REA received a First Mention, GOLD-SMITH and SHAEFFER received Mention Commendeds; in the Freshman judgment D. MILLER and KULIECKA received First Mentions.

The Sophs are slinging the clay around on their new problem. Sauer-man was the lucky Arx who got a trip down to Kankakee with the Glee Club last Friday. Fox is on a golf trip now. Nice work, if you can get it.

Friday the Arx had a party with free beer. The rest of the Arx found out what "volume" Hutton's voice has. It seems as though a certain gal from the Art School at the All School Dance, upon hearing Hutton singing, slapped him on the back (yes, he almost lost his teeth), exclaiming, "What volume, what a voice." What a bass!

Next week comes Open House, oh boy, no work, just relaxation, just a 5,000 word theme to do.

BOZ-ART.

President—

(Continued from page one)
Came to Armour in 1927

In September of 1927, Mr. Heald came to Armour Institute of Technology as Assistant Professor of Civil Engineering, teaching structural engineering subjects—a position which he held until September of 1931.

Following the resignation of Dr. Hotchkiss, a committee consisting of three Trustees of the Institute, together with two members of the Institute faculty, were selected by the Board to consider nominees for the Presidency. E. O. Griffenhagen, President of Griffenhagen and Associates, Chicago, a member of the Board, was selected as chairman of this committee. Aiding him in the consideration of nominees were E. E. Sunny, retired, former President of the Illinois Bell Telephone Company, and Charles Davis, President of the Borg Warner Corporation, both members of the Board, and Dr. L. E. Grinter, Dean of the Graduate Division and Director of the Department of Civil Engineering, and Harry McCormack, Professor and Director of the Department of Chemical Engineering, of the Institute faculty. H. T. Heald was their unanimous nomination for the Presidency of the Institute.

President H. T. Heald will assume the duties of his office immediately and will receive visitors for the first time in his new capacity of President on the occasion of the Institute's annual OPEN HOUSE.

Dr. Tibbals will assume the duties of the Undergraduate Dean. Since October 17th, 1937, Dr. Tibbals has acted in the capacity of Associate Dean of the day students.

Aspire to Be Technical? Simple;
Just See the Show, Says Scribe

By The Old REP

What a world of wonders is opened up to the visitor on an Open House of an engineering school! Ah, to be young, to be introduced into the fairy land of technical marvels that modern day science and the engineering genius of hardworking students, has placed on exhibit. Ah to be young in the Springtime with gals and . . . ahhhhh! ("Well," he said defensively to the editor, his lower lip quivering pathetically, "Psychologists say that one isn't responsible. It's the Libido. Night and day," hysteria was in the cry, "Three thousand men, men, men. Joe, Lloyd, Nick 'n Louis and never a Mary, Alice or Josephine. But," he murmured happily, returning to the typewriter, "I have science!")

Tough on the Goldfish

The wonders of science are many, but it is possible for the layman to gain an engineering education in brief by a cannily selected tour of demonstrations. First toddle over to the lab of the basic science, physics, where one may see a goldfish being frozen alive in liquid air, subsequently to be revived apparently undisturbed by the incident. (Of course no one has had an intimate chat with the goldfish . . . perhaps it's a terrific emotional upset.) This then supplies the groundwork for the various branches of engineering. Say, as an example, that electrical engineering is the choice. Wander into the nearest juice (Quaint colloquial terminology) lab, keeping

the frozen goldfish firmly in mind. Sit down, turn on a switch, pick out a convenient dial, and stare at it till the eyes protrude slightly and become glassy. Meditate on the fish. Simple? Four years of that sort of thing make an engineer.

How to Hold a Job

Of course there are those people that enjoy watching electrons rush like the very dickens to cover eight feet of space, but that can hardly compare with the thrill of looking at a graph demonstrating the manner in which calculus simplifies the task of finding the area of a four cusped hypocycloid. Unfortunately there are no graphs to illustrate to the passerby just why the devil any one should bother with it in the first place. It's just one of those things that everyone should know. (You should too. Suppose the boss should holler, "Hey Joe! Sprint in here like a good fellow and find the area of this four cusped hypocycloid." You know you'd be embarrassed beyond words! Not knowing the area of a four etc. Tsk Tsk!)

Carry This Home

As an educational venture for the man in the street the Open House is without peer. How nice it is for the enlightened visitor to know as he drives home that the car is powered with a mixture of aliphatic hydrocarbons some of which have been polymerized by recent processes from the lower to the higher homologues of the paraffin series.

Softball Tourney—

(Continued on page four)

of the Rats, a freshman team that has won both of its starts.

The mechs have won both of their starts and have at their disposal the best pitcher in the meet. In two games, Leon Epstein has allowed but one run, beating the soph civils 8 to 1 and then shutting out the Flashes, 7 to 0. Although both of these teams are no longer in the tournament, it still takes good pitching to hold the opponents down to one run in fourteen innings.

Chems Score 16

The soph chems have gone on in their egotistical way and have won two games in a row. Their first victims were the Flashes, and although Fahey was pounded for seven runs, he was backed up by sufficient hitting to garner a 16 to 7 win.

The teams that were eliminated were the senior civils and the junior mechanicals in the upper section, and the Flashes, Houdes, the '42 Coops, and the soph civils in the lower bracket.

STANDINGS

Upper Bracket

Ch.E. '38	.....3	0	1.000
E.E. '38	.....2	0	1.000
Ch.E. '39	.....1	1	.500
E.E. '38	.....1	1	.500
F.P.E. '38	.....1	1	.500
F.P.E. '39	.....1	1	.500
M.E. '38	.....1	1	.500

Lower Bracket

M.E. '40	.....2	0	1.000
F.P.E. '40	.....2	0	1.000
Rats '412	0	1.000
Ch.E. '402	0	1.000
Arx1	1	.500
Coop '411	1	.500
Coop '420	0	.000
E.E. '400	0	.000

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... because Chesterfield
ingredients are the best a cigarette
can have . . . mild ripe home-grown
tobaccos . . . aromatic Turkish to-
baccos . . . aged for 2½ years . . . pure
tasteless cigarette paper . . . and
a blend that can't be copied

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than any cigarette you ever smoked

CBS
Weekly Radio Features of
the PLEASURE cigarette

GRACE MOORE
ANDRE KOSTELANETZ
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