

JACK CHAPMAN TO FURNISH MUSIC FOR FROSH-SOPH DANCE

Scene of Dance is Gold Room of Congress Hotel

BRISK SALE OF BIDS

Plans for the coming freshman-sophomore dance have been already completed so that the first joint social affair held by two Armour classes is virtually an assured success.

Jack Chapman and his orchestra are to reign over the assemblage in the luxurious Gold Room at the Congress Hotel, Friday, April 15, as the would-be engineers relax from the class room strain.

Designs for the pluggers, bids, and programs, created by Walter Krol, '34, and furnished by Mr. S. R. Waldman of the Varsity Jewelers, 30 West Washington St., are distinctly different as befits a superior dance.

Orchestras Changed

Arrangements have been completed to have Jack Chapman's orchestra furnish the music, which is the vital part of a dance. The original plans called for the appearance of Tweet Hogan and his popular orchestra, but an engagement in Kansas City necessitated a changing of the plans.

The Gold Room of the Congress Hotel has proved a popular place for past social events and will doubtless be a big factor in the success of the dance.

The social chairmen of the two classes are having a friendly rivalry in selling bids to their respective classes. G. Wheaton of the freshman class appears willing to wage F. Headen of the sophomores that a higher percentage of the frosh will be present than of the second year men. This spirit of competition is arousing interest among the two classes.

Bids on Sale Now

Bids have been on sale through the members of both social committees for the past week and the sale has been brisk. Considering the caliber of the scene and of the music provided, the \$2.50 per bid is very moderate. The dance is not designed as a money-making affair but to provide a chance for pleasant relaxation from studies.

Bids are easily available, for not one but two social committees are ready and willing to accept the \$2.50 per. The sophomore committee, headed by F. Headen is composed of W. Krol, L. Callen, B. Petersen, S. Lillis, and G. Graham. The committee of first year men is made up of G. Wheaton, chairman, L. Biegler, G. Collatz, C. Huppert, and H. Zibble.

Upperclassmen Will Attend

In view of the fact that this is an unusual affair for Armour, it is expected that many members of both the senior and junior classes will attend. This is made much more plausible as a result of the pleasant memories which many of the students have regarding the last dance held in the Gold Room—this being the scene of one of our most successful and best liked dances.

A. I. Ch. E. Will Hold Meeting on Thursday

This Thursday, March 24, at 9:30 the A. I. Ch. E. will hold a meeting that will be featured by student speakers.

M. J. Winogrand, O. T. Barnett, L. W. Krizan, and F. W. Paine will address their fellow students on the subject of "Plastics". These men have been doing research in the literature on the condensation products of urea and formaldehyde; thiurea and formaldehyde; phenol and formaldehyde; phenol and furfural; and the vinylite resins.

Students Meet To Discuss Drive

A meeting of all workers on the student campaign drive was held in Science Hall Friday afternoon at 2:15 o'clock at which plans were made to further organize and conduct this drive.

This meeting was conducted by Stanley M. Lind, chairman of the committee and president of the Armour Tech Athletic Association.

Mr. Allen, of the development committee, spoke to them upon the subject of expanding the Institute.

Students Receive Blanks

Finally, it was arranged that cards and blanks be distributed to the student body for their donations. This sum of money together with the faculty and alumni contributions will help to continue the operations of the Armour Development Committee.

Together with Lind and Barnett there are six departmental chairmen working on this drive. The following students are the appointed chairmen of their departments: A. Jungels, M. E.; M. Fagen, E. E.; W. H. Rudolf, C. E.; M. P. Venema, Ch. E.; E. A. Scanlan, F. P. E.; and F. D. Chapman, of the Architects.

In order to develop interest and rivalry between these departments there will be a trophy which will be presented to the department contributing the greatest amount to this fund.

FROSH-SOPH DANCE COMMITTEE HOLDS POSTER CONTEST

Members of the freshman-sophomore social committees announce a novel contest for the best poster representing the informal dance to be held April 15. The winning poster will be used for advertising purposes. This contest is open to members of all departments and classes. Competition will end March 28, at 5:00 p. m.

The man who designs the winning poster will be awarded a free bid to the dance. His poster will not be returned, but will be placed in the lobby of the main building. All other posters submitted will be returned after April 15 upon the designer's request, as they will all be used for publicity.

Winner Announced March 30

Official announcement of the winning poster will be placed on the bulletin board March 30. Members of the social committee will be the judges.

The following information will be necessary on the poster:

School—Armour Institute of Technology.

Title—Freshman-Sophomore Informal.

Place—"Gold Room"—Congress Hotel.

Date—April 15.

Time—9:00 P. M.—1:00 A. M.

Music—Jack Chapman and his Orchestra.

Bid—\$2.50 (per couple).

Arrangement Optional

The design is to be made on illustration board. Colors used, size, and arrangement is optional to the designer. Contestants should place their name and address on lower right hand corner of the back of posters.

Engineers may turn their drawings in at the Deans' office; architects to Mr. Wagner.

TAU BETA PI

Tau Beta Pi, honorary engineering fraternity, has planned to hold a smoker on Tuesday, March 22, at the Beta Psi House, 3337 Michigan Avenue at 8:00 P. M. Among the faculty members present at this time will be Professors McCormack, Roesch, and Peobles.

All classes on Friday and Saturday March 25 and 26 respectively will be dismissed because of the Easter holiday. These holidays will not interfere with the March 28 issue of the News.

Enter Contest in Bridge Designing

Ten civil engineering students have entered bridge designs in the fourth annual bridge designing competition for engineering and architectural students held by the American Institute of Steel Construction.

The problem was to design a steel highway bridge carrying a forty foot boulevard across fifty feet of railroad tracks. The drawings had to be completed in nine hours.

Ten to Be Selected

The jury of awards consists of architects and consulting bridge engineers of national repute. They first select ten of the drawings, and these are returned to the designers for final development. From the ten new drawings, the winners are chosen. Formerly, cash prizes were awarded for the three best designs, but this has been dispensed with.

The purpose of the contest is to encourage improvement in the aesthetics of steel bridge design, and it is open to structural engineering and architectural students in all recognized technical schools in the United States and Canada.

Problem Suited to Arr

It is the opinion of Professor Stevens that the problem, because of its small size, was more suited for architectural than for civil engineering students. Too much depended upon detail and upon decorative features. It would even have been a puzzle to professional bridge engineers to create a beautiful structure, he says.

Last year, two Armour men, Robin and Johnson, were among the ten selected the first time. Neither of them, however, placed among the three highest.

Student Committee Lays Campaign Plans

That group of students which is aiding the work of the Development Committee of Armour Institute of Technology met together on Tuesday at 2:00 o'clock to formulate plans for action. Mr. Allen of the office staff of the Development committee was present and urged that the student quota of \$8,000 be solicited from the student body to carry on the development work.

This student campaign committee is headed by Stanley M. Lind, the president of the Armour Tech Athletic Association. Directly responsible to him are the six department heads each of whom in turn heads a committee of four composed of members from each class. This representative from the class will have several men who will cooperate with him in making personal solicitations from the members of his department in the class.

It was explained by Mr. Allen that the department which contributes the greatest amount to the fund will be rewarded with a plaque which will be hung in one of the buildings of the new institute as a token to their efforts to carry out the good cause. This money with the contributions from the alumni and faculty is absolutely necessary to the fulfillment of the aims of the committee, and the students are urged to do all in their power to help.

JUNIOR FORMAL

Friday evening, May 13, has been chosen for the Junior Formal. Final arrangements are now being made by H. W. Bodinson, chairman, and the Junior social committee.

Glee Club Elects Business Manager

At a rehearsal held by the Glee Club last Thursday night in the Assembly Hall, C. W. Clarkson, '34, was elected business manager. The position of manager had been left open by the resignation of G. E. Berglund.

The making of complete inventory of Glee Club music, and the responsibility of seeing that the music is on hand before each rehearsal, rests with the new manager. Setting the stage for the rehearsals is also a part of his duty.

Fight Song Revised

E. W. Carlton, president of the Glee Club, has enlisted the services of Dr. Protheroe in writing the Armour Fight Song in voice parts suitable for chorus work. The song is now completed and within the next week the copy will be in printed form so that each member of the Glee Club will be able to learn his part. Undoubtedly, the Club will open its Annual Home Concert program with this number.

As a result of considerable work, which has been done in making contacts for outside engagements, Mr. Harry Oehler of the Lawson Y. M. C. A. will come to Armour next Thursday night to hear the Glee Club sing. It is hoped that this is a step toward a place in one of the Lawson concerts which are held on Wednesday nights and Sunday afternoons.

Large Turnout Desired

It is desired to make a good impression next Thursday night; therefore all members of the Glee Club should make an effort to be at the rehearsal and to give all they have in the way of vocal talent.

Plans are going forward to have an orchestral accompaniment. A number of the orchestra members have signified their intention of supporting such a move.

Civils Hold Inspection Trip in Gary Plants

An inspection trip through the Calumet District was made by the senior civils last Tuesday. Professor Vagtberg, who conducted the tour, said that in his opinion this was one of the best trips he had ever attended, and that he feels certain the men profited by it.

In Gary the party was met by two of the city's engineers, Mr. Hayes and Mr. Hammons. These men gave them two short talks on the Gary sewage system, and then led the inspection of the system.

After eating lunch in the Gary Y. M. C. A., the men went to see the water filtration plant that supplies East Chicago and Indiana Harbor.

The day was completed by visiting the sewage pumping plant and water works at Hammond.

CALENDAR

Tuesday, March 22

5:00 P. M. Orchestra rehearsal at the Assembly Hall.

8:00 P. M. Tau Beta Pi meeting at the Beta Psi House.

Wednesday, March 23

5:00 P. M. Stress and Strains rehearsal at the Assembly Hall.

Thursday, March 24

1:00 P. M. Senior Chemicals Inspection trip.

5:00 P. M. Glee Club rehearsal at the Assembly Hall.

8:00 P. M. A. I. Ch. E. Smoker at the Beta Psi House.

Fri. and Sat., March 25-26
Easter Holidays.

Saturday, March 26

7:30 P. M. Track meet with Sears Roebuck Y. M. C. A. at U. of C. Fieldhouse, (tentative).

PERSONNEL AND PLACEMENT DEPARTMENT WILL BECOME PART OF DEVELOPMENT PLAN

Department Will be Re-established on New and More Thorough Basis Following Survey

COMPLETE PERSONAL RECORDS TO BE KEPT



John J. Schommer

ALUMNI FACULTY WILL CONTRIBUTE TOWARD CAMPAIGN

During the week of March 28 to April 3, Armour alumni will be asked to subscribe \$60,000 to the promotional fund for Armour Institute of Technology.

The Preliminary Gifts Committee, under the direction of Robert B. Harper, '05, already reports promise of several very substantial contributions. The Faculty Division of the Preliminary Gifts group reports subscriptions from seventy-seven faculty members and administrative officers at the Institute for a total of \$12,213. This is a one-hundred per cent subscription, with an average gift of more than \$155.

Appoint Publicity Director

John J. Schommer, recently appointed publicity director of the Institute, is General Chairman of the alumni organization, and has selected division chairmen for the general Chicago canvass. Under the plan of organization, the alumni have been divided into groups corresponding to the six departmental heads, Electrical, Mechanical, Chemical, Civil, and Fire-Protection Engineering, and Architecture. Chairmen within these main groups will be appointed by classes, and will secure the team captains necessary to handle the alumni in each division.

Alumni from the school of Mechanical Engineering will be headed by Morris W. Lee, '90, who will have five men working with him as chairmen of the smaller groups.

E. E. Largest Division

Charles Baker, '06, is Chairman of the Electrical Engineers. This is the largest division in the organization, and Mr. Baker will have six sub-chairmen working under his direction.

The Civil Engineers are being organized by Walter G. Leininger, '06, and the four class captains have been selected in that department. Max Woldenberg, '09, is alumni Chairman of the Chemical division, and Everett R. Cole, '18, heads the Fire-Protection Department.

The sixth group, the alumni from the school of Architecture, will be divided into four class teams under the chairmanship of William H. Lantz, '18.

In addition to these men, chairmen are being secured by mail to handle the organization of alumni in each of the forty cities which have as residents five or more Armour men. Alumni who are scattered throughout the country will be solicited by mail directly from the office of the Development Committee.

The basis of the Development Plan is Armour Institute's service to the Chicago industrial area. In order that this service may be rendered, some mechanism must be provided whereby the needs of the area may become known to the Institute, and whereby the courses and methods at the Institute may be adjusted to meet these needs as they arise. The industrial relations committee in industry and the personnel and placement department in the Institute form this mechanism. As the industrial relations committee articulates the needs of industry, the personnel and placement department, by finding positions in industry for graduates and following their progress in these positions, will assist the committee in adjusting courses and methods at the Institute to meet these needs.

Plan Placement Department

Most colleges, of course, have a personnel and placement department, but the survey showed that of the schools studied, only a few were doing comprehensive work in the field. Plans for development of the department at Armour are based on the assumption that the work of the school is not finished when the student graduates—that, in fact, it is just well begun. If the educational process has been right the graduate is fitted for success, but the degree of his success and usefulness will depend, in large measure, upon the suitability of his personal qualities to the environment into which he passes. By the whole previous process, the college should know what these qualities are, and to what kinds of environment they will permit the student to adapt himself.

Preferred Placement Planned

Until graduation, the success of the student has depended largely upon himself, but progress and usefulness thereafter will be affected materially by exterior circumstances over which he has only a limited control. The finest kind of assistance to him, therefore, is to place him, to whatever extent is possible, in suitable circumstances.

Under the old system, thousands of dollars were wasted each year by industries which employed men who were unfit, perhaps only temporarily.

(Continued on page 3)

Will Award Trophy To Best Department

In order to stimulate rivalry among the departments and thus aid in attaining the quota, an award has been designed to be presented to the department which contributes the largest sum of money to the student portion of the Armour Development Fund.

The contributions to the student fund will serve as an indication of the student body's support of the new development plan. Large contributions from a few students are not as desirable as a small but 100% response.

All of the various departments have been assigned their own quotas which they are expected to meet.

The trophy to be awarded is a silver plaque on a mahogany background. The Armour shield will be imposed on the silver plaque and the words, "In appreciation, Development Committee," will be inscribed. The name of the department which contributes the most will be written below. The trophy itself is to be permanently hung on one wall in one of the new Armour buildings.

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Education ought, as a first principle, to stimulate the will to activity.

Zachariae.

Discipline

Last Friday one of our professors had occasion to discipline one of his classes. Of late there has been an increasing tendency on the part of various organized groups to cut their classes en masse. These actions, coming as they have from a supposedly serious minded body of engineering students, have been very much out of place, to state the facts mildly.

For some unknown reasons our faculty has allowed these pranks to go on without censor. Many times the students who failed to cooperate with the revolutionary members of their classes have been subjected to "de-pantsing" and other similar outrages. While we are blaming conditions, we shall not be backward in accepting our share of the responsibility. Beyond all doubt we gave too much publicity to these escapades.

But these remarks do not signify that we are of a sissified disposition. By nature we cooperate in one of these or similar practical jokes quite willingly.

This last attempt to overthrow the set rules and regulations of the school was exceptional in the amount of gall shown. The men chose a committee to meet the instructor and tell him that they were not coming to class that day, they did not ask to be excused but boasted that they would not attend.

Every time an instructor fails to meet his class the students are loud in their demands to get "their money's worth." But when they decide not to go to class, no one decries the loss of education. Rather, there are many spokesmen to inform the school of the trick that has been successfully carried out. A few leaders in the roll of bell-whethers have led their classmates as a band of dumb sheep in deeds that, after much repetition, have fallen below the level of high school pranks.

But this campaign of foolishness has been effectively checked by Doctor B. B. Freud, Professor of Organic Chemistry. His class, after delivering their ultimatum, not only met, but also had an one hundred per cent attendance record. Simple cooperation between the office of the Deans and the professor in question brought about this result.

Fortunately the occasions that require discipline at Armour are quite infrequent. But when conditions become so out of hand as to require discipline, an instructor should force attendance, realizing in his own mind that mob psychology sometimes inspires actions of a sub-adult nature on the part of his students.

O. T. B.

"The Slipstick"

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

WE RATE

We see by the last issue of the News that two men told the Inquiring Reporter that the joke column was one of the best features of the paper. Confidentially, we know that the others replied in the same way but the reporter needed variety in his article so he quoted them as favoring the Sports Department.

Another thing we noted was that a week after our "Put-em-on-the-pan" issue there appeared a personals column. It's just too bad to have another department stealing our thunder but we wish them luck just the same.

We'll boast, however, that they do not dare get as personal as we do (and get away with it.)

HISTORICAL NOTE

Hydraulics is the oldest engineering science there is—"The Greeks Had a Word for It."

Numb de Plum.

A new find, under the name "Putt Putt" crashes the column with this contribution:

Rastus: "How does your old lady like de new washin' machine you done buy foah her?"

Sambo: "She jest cain't git used to it foah some reason. Ebbery time she done git in it, dem fool paddles knock her down."

He: "We have an All-American player on our team."
She: "Only one? It's terrible the way these foreigners are overrunning this country."

Rad.

Every once in a while, in fact quite often (feature that) we are asked who is going to take up the "Slipstick." Well, the gentleman is all picked out. Folks, meet Mr., but wait a minute, just ask him, he'll tell you about it.

Doesn't This Fit All of Us??

Mr. Jones: "I'm soliciting for a charity organization. What do you do with your old clothes?"
Mr. Smith: "I hang them up and go to bed. Then in the morning I put them on again."

Widow: "How much do you charge for death notices?"
Editor: "A dollar an inch."
Widow: "I'm sorry, I can't afford it. My husband was six feet tall."

And we'd like to lay our hands on the man (if he be a man) who can write such junk as this:

Interrupted SPRING Ecstasy

As you sit in thought and the spring zephyrs seem to blow your cares away, and the gentle warmth of the sun caresses you and tempts you to close your eyelids, and you lean back in relaxation.....only to find that someone has placed a thumbtack on your seat.

A NEAT JOB

"Smith is suing the railroad company for theft."
"What did he lose?"
"One of their locomotives lifted the spare tire off the back of his car."

Helping Mother

Bess: Mrs. Wright got the loveliest premium for tobacco coupons.
Mother: Did she? Well, so could I, if I had five daughters.

Pun — Pun — Pun

"There is something the matter with the old faith," observes the Rev. Johnson.
How about having the old faith lifted.

A COMMON ERROR

Hotel Clerk: "Just in from Chicago, I see, Mr. Smith."
Mr. Smith: "No, that's just a moth hole in my lapel."

Habit Gets a Guy

Most of the fellows who worked their way through college are now working their sons' way through.

Just False

May I come too?
You'll never come to, unconscious.

Wanted—A competent person to undertake the sale of a new patent medicine. Very profitable to the undertaker.

Secretary: The broker just called up and wants more margin and the laundry called up and wants their bill paid. Who shall I pay?
Boss: It doesn't matter, I'll lose my shirt in either case.

condensed joke

Air station....
Scotchman....
Filling tires....
For first time....
Blew out four....

—Rad.

May we state that the new columnist is hard at work at the profession. We will be forced to name him pretty soon—at least before graduation.

The Engineer.

Show Talking Movies of Floating Power

On Friday, March 18, under the auspices of the Armour branch of A. S. M. E., talking pictures showing the development of "Floating Power" were shown to all who could crowd into Science Hall.

H. R. Davis, president of the local branch of A. S. M. E., introduced H. C. Wilson and L. R. Bunn, sales promotion men from the Chrysler Corporation, to the students. The latter spoke between reels on points not brought out clearly by the film. He explained how Chrysler engineers had perfected a bond between rubber and metal that would withstand a pull of 10,000 pounds per square inch. This enabled them to design engine mountings consisting of these materials so that no motor vibrations would be transmitted to the frame hence quiet riding and so-called "Floating Power."

The first reel showed a few of the tests undergone by the various parts of a car before they are put on the market. The engine mountings undergo a quarter of a million blows from a sixty pound hammer, the radiator is vibrated for six days, and other parts endure similar tests or are rejected.

The road tests undergone by the car were shown. Through the alkali wastes of Death Valley to the top of Mt. Wilson the cars, according to the film, functioned perfectly; likewise they excelled in rapidity of acceleration and economy.

A rather distinguished visitor was present in the person of Dr. Arnold Lack, a consulting engineer of dynamic balancing. Dr. Lack was a former classmate of Prof. Albert Einstein.

The popularity of the pictures was attested to by the fact that almost three hundred students attended.

Students Attend Promotional Meet

To inform the students of Armour Institute of their part in the expansion program of the Institute, a "promotional assembly" was held yesterday, in the Assembly Hall.

The meeting was opened by Professor John J. Schommer, Chairman of the Alumni Committee. Professor Schommer earnestly asked for student support in this tremendous undertaking. "We can show our loyalty and appreciation to the school in our hearty response to the student campaign now inaugurated." Professor Schommer explained that the cost of educating a student approaches \$500 and that the tuition costs only \$250, which means that the difference must be made up by the school. The student therefore pays only about half the cost of his education.

Mr. Cunningham Speaks

Mr. James D. Cunningham, Chairman of the Armour Development Committee, was then introduced by Professor Schommer. Mr. Cunningham spoke on the general history of the plan.

Since the death of the founder of Armour Institute, no regular income or endowment has been received, but the Institute has been operating on a year to year subsidy furnished by the Trustees.

In 1926 it was proposed that the Institute affiliate with Northwestern University as a College of Engineering. The merger was not effected because it was felt that Armour could not give up certain principles and the administrative independence which were requested. It was out of these conferences that this new plan crystallized—a plan with a new social objective in education.

A large expenditure of money will be necessary in order to carry out

Roger Adams Speaks at Meeting of A. C. S.

The regular meeting of the Chicago section of the American Chemical Society was held last Friday at the Midland Club, 172 West Adams Street. Roger Adams, head of the department of chemistry at the University of Illinois, gave the address of the evening, a lecture on "The Stereochemistry of the Substitution Derivatives of Diphenyl."

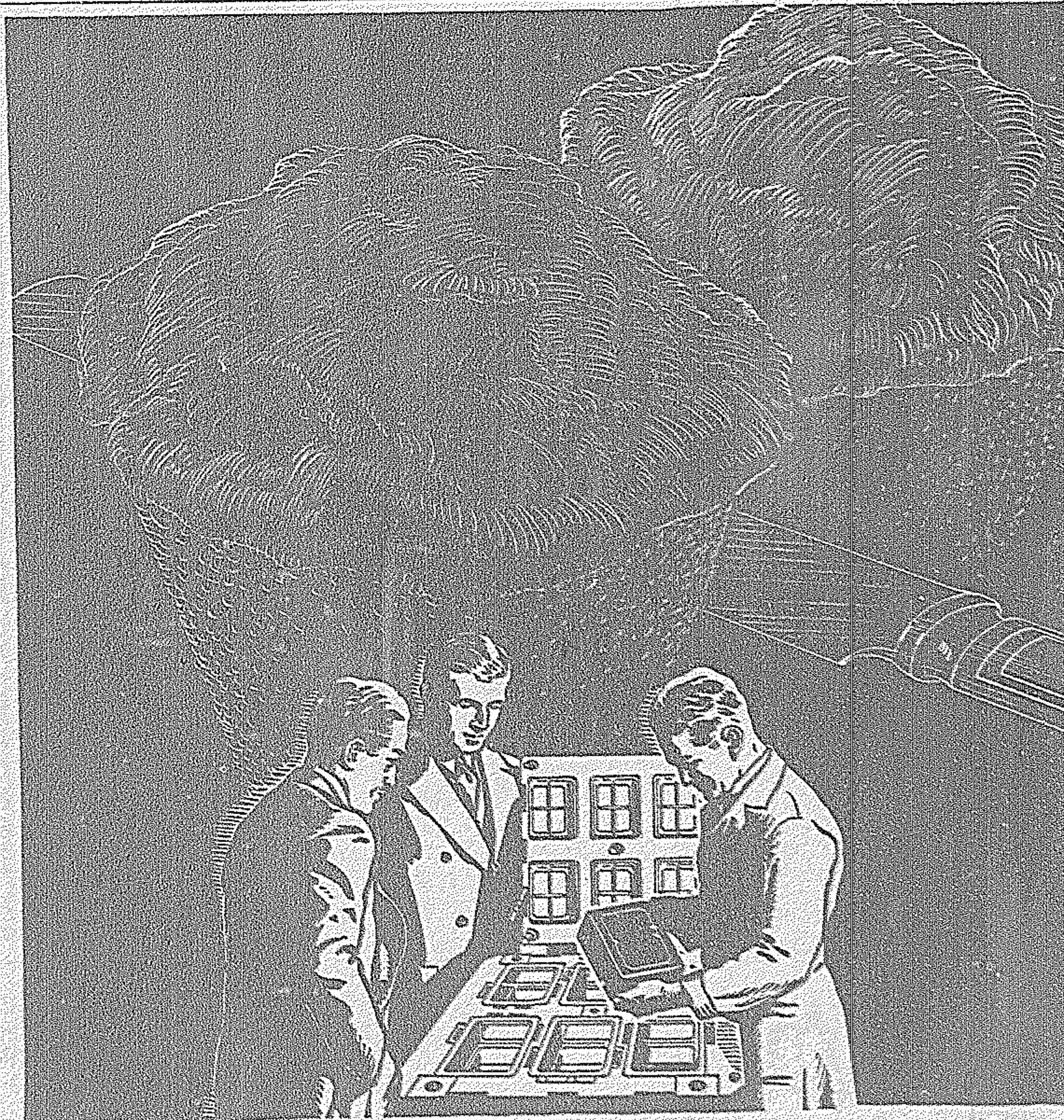
CONTEST FOR STUDENTS

A contest to discover radio talent among college students is taking place every Thursday and Friday evenings at the Terrace Garden in the Morrison Hotel. The contest is to last for eight weeks, and at the end of that time the final winner will be awarded a contract at the Terrace Garden.

All students desiring to try out may do so by getting in touch with Don Pedro or the radio contest department in the Morrison Hotel. The contest is broadcast at 5.30 P. M. on Thursdays over WCFL and at 11:00 P. M. on Fridays over KYW.

this promotional program and during the next ten months a campaign will be conducted to procure the needed funds, which will total \$60,000. The first steps to be taken in encouraging further interest in this development are also promotional in nature. There will be the development of a permanent industrial relations committee, and the installation of a personnel and placement department.

Stanley M. Lind, chairman of the student campaign committee, then took charge of the meeting. The students were divided up into the various departments, and each department met in a separate group.



Industry takes a hint from the kitchen

The domestic art of baking is closely paralleled in telephone manufacture at Western Electric, where plastic molding is an exact science.

Telephone bell boxes, for instance, are no longer formed of metal. They are molded from a phenol plastic compound—containing carbolic acid, formaldehyde and other ingredients—because Western Electric manufacturing engineers saw the way to make a better

product at lower cost. These men developed a new and exceptionally efficient type of plastic molding press—and determined precisely how long to bake the mixture and the exact temperature to use.

In quickly taking advantage of the new art of plastic molding, Bell System engineers once more showed that they have the kind of imagination that keeps American industry forging ahead.

BELL SYSTEM



A NATION-WIDE SYSTEM OF INTER-CONNECTING TELEPHONES

STUDENTS AMAZED AT DEMONSTRATION OF AUDIBLE LIGHT

Sounds ranging from the harsh resonant snore of a disturbed sleeper to the harmonious tones of a musical composition were obtained from a beam of light and amplified throughout the Assembly Hall last Thursday morning when Mr. J. B. Taylor, consulting engineer of the General Electric company and associated with the research laboratories at Schenectady, New York, presented his demonstration of "Audible Light" to the Armour student body.

When a flickering beam of light strikes a photo-electric tube, a feeble electric current is set up which when amplified may be utilized for a variety of purposes. The demonstration dealt entirely with the transformation of light into sound.

A match, when lit in the focus of the sensitive tube, produced a crackling sound reminiscent of "All Quiet on the Western Front" or the faulty operation of early "squawks". A light operated by a pygmy pocket-size generator and allowed to die out set forth a siren sound causing the Fire Protects to sit up and take notice.

D. C. Lamps Soundless

Since the electrical current was set up by the flickering of light, a lamp on direct current produces no sound. When the light on direct current is caused to flicker artificially by the use of a rotating disc or otherwise, a sound may be produced as desired.

Illustrating the extreme sensitivity of the cell, Mr. Taylor interrupted the beam of light with the imperceptible vibration of a tuning fork. The loud speaker immediately blared forth the announcement of its reception.

Mr. Taylor explained several of the practical applications of the "eye" tube as well as showing the more spectacular tricks. The feeble current set up in a photo-electric cell can be used in many ways other than sound and has many uses in modern science.

Moreton Secured Speaker

The demonstration was brought to Armour through the efforts of Professor D. P. Moreton of the electrical department. Mr. Taylor lectured last night before a meeting of the Chicago Section of the Illuminating Engineering Society.

Mr. Taylor was introduced to the students by Professor E. H. Freeman, head of the department of electrical engineering. The orchestra's brand of sound was heartily applauded when it rendered the "Trisgian" march by F. H. Losey and "The Song of Love" from Blossom Time by Sigmund Romberg.

"Damon and Pythias" Brought up to Date by Junior Chemicals

Only once in a lifetime do we come upon two men so devoted to each other as Damon and Pythias, two Syracusan Pythagoreans, whose tale of self-sacrifice gained the sympathy of the entire world. Consider yourself fortunate, therefore, in being present during one of those lifetimes for they have re-appeared under assumed names.

Professor Freud has rightfully bestowed the names Damon and Pythias upon two prank-playing junior chemicals whose offensive and defensive tactics in his classes have for two years broken up their formality. R. W. Moline was burdened with the name of heroic Damon and G. Jensen Jr. had to take what was left and accept Pythias as his misnomer.

Dr. Moline Altruistic?

Their friendship for one another is quite a striking one—please don't take me wrong. From their actions you'd be led to believe that they were playing a part in a true-to-life story of inseparable pals. Moline is a true hero. He'd give up his right arm for his pal Gus—if he had an extra one. Gus, who was thus nicknamed by Professor Hendricks and renamed Just, by his classmates, in turn wastes all of his affections on his Grecian friend. (Mr. Moline to you).

In order to be inconspicuous, as true lovers should be, they sit next

New Department Is Established

(Continued from page 1)

peramentally, for their positions. And they may have stayed in the employ of those industries for some time before their unfitness became apparent. Close cooperation between the personnel or employment departments of industry and the placement department in the Institute will eliminate much of this waste.

Established on New Basis

But in order to be most effective in these functions, the personnel and placement department must be established on a different basis than it has been in the past. Many such bureaus have existed simply to find employment for those graduates who seek assistance, and the department's interest in the student has lapsed when employment is found. The personnel and placement department at Armour Institute will do a more thorough job. It will start to keep a record of each student on the day he enters college. To parallel the complete academic record kept now by the Dean's office, the personnel and placement department will keep as complete a personal record as it is possible to maintain.

On the strength of this record the department will recommend graduates for positions in engineering and industry, and it will keep in touch with them as they proceed. By carefully observing their progress at work, the department will have a constant critique of the educational methods employed at the Institute.

Detailed Records Kept

As approved by the Development Committee last week, plans for the personnel and placement department at Armour Institute centralize all of its functions under the management of one man, who will be the registrar. The registrar's office will assemble and assimilate the various records of each student; his entrance examinations, his grades in every course, his extracurricula activities, and records of his personal characteristics. Here, too, will be kept note of his progress as an alumnus; reports on his work by his superiors, records of promotions, and advances in salary. The registrar and his assistants will communicate with employment departments of industry to keep these records complete, and to keep at hand a full list of the positions in industry which men at the Institute may be expected to fill upon graduation. By keeping these records, and by sending men out into industries, the department will become an important part of the mechanism of industrial relations.

L. O. Sinderson Talks at A. I. E. E. Meeting

"Automatic Elevators and their Control," was the subject of an interesting discussion given before the A. I. E. E. group last Friday by Mr. L. O. Sinderson, engineer of the local General Electric Company office.

Mr. Sinderson started his talk by saying that there are two common types of elevators, the geared, and the gearless. Of these two, the latter is much more modern and practical. Speed might be mentioned as one basis of contrast between the two. The geared machine can attain a speed as high as two hundred to three hundred feet per minute while the newer type of control makes possible a maximum speed of from six hundred to twelve hundred feet per minute.

The gearless elevator is controlled by a variable voltage adjustment by means of a special exciter generator, which is capable of delivering higher voltage when overload demands it. This method decreases the variation in speed caused by overload to approximately ten per cent, whereas in the geared machines a variation as great as twenty per cent could be expected. Speed regulation can be as close as 2 per cent by this method.

Leveling off for floor stops is controlled by a vacuum tube amplifier and "ear muffs" mounted directly on the elevator car so that the first slackening may come at three feet, one foot, six inches, then floor level. In case of any failing in the automatic control, the handle control may always be relied upon to stop the cage immediately at any point. Along with this cage switch is the mechanical safety device consisting of a gear which is moved into the T-rail at the side.

Mr. Sinderson then completed

Fraternity Notes

PHI KAPPA SIGMA
Saturday evening, March 19, witnessed another enjoyable Phi Kappa house dance.

The boys are all fighting for one of the first three places in the Round-Robin ping pong tournament now in progress here. The three high men will represent the house in a meet with Sigma Kappa Delta.

THETA XI

Alpha Gamma of Theta Xi announces the formal initiation of the following men on Saturday, March 19.

M. A. Collick, E.E., '34, K. M. Hanson, E.E., '35, C. H. Landis, C.E., '35, W. G. Scharringhausen, C.E., '34, C. T. Seaberg, Arch., '34, P. V. Smith, F. P. E., '35, L. C.

his talk by speaking of the various considerations necessary in the sale and installation of elevators. All in all, the discussion, beside being well given, was full of points novel and useful to the members of the group.

U. of I. Electrical Show

Mr. L. E. Mendel gave a short talk in regard to the Electrical Show to be held April first on the University of Illinois campus.

The exhibition will be novel and full of interest to all electrical students. Many features will be demonstrated including the photo-electric cell, sound picture machines, vacuum tubes, and the like.

Special trip arrangements have been made for those from the Chicago area. Complete details may be gained in the Dean's office.

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Willis, M.E., '35.

The annual Hard Times Party will be held on Saturday evening, April 9. Brother Dave Smith, '30, has joined the ranks of the married brothers. The lucky girl was Miss Ada Mueller and the date was March 8.

PHI PI PHI

Gamma Chapter announces the pledging of C. Chafin, C.E., '35.

Final plans have been made by Brothers Gregerson and Cameron for the formal dinner dance which will be March 19 at the St. Clair Hotel. Many alumni have reserved places.

The inter-chapter basket ball game between Gamma and Alpha Chapter will be played in the next week or two.

BETA PSI

The Alpha chapter of Beta Psi, located at the University of Illinois, is giving its annual Easter dance at the Steuben Club on Saturday evening, March 26. "Tweet" Hogan will officiate in the capacity of the "King of Joy." A record crowd is expected to attend.

DELTA TAU DELTA

We take pleasure in announcing the pledging of Hugh Bisbee, E.E., '35, Ellis Doane, F. P. E., '35, and Matt Sumner, Arch., '35.

The 23rd annual Delt Prom will be held at the Bal Taberin of the Sherman hotel, the night of April 1st.

The House received a letter from

Hamilton Rifle Club Sponsors Invitational

Two members of the Armour Tech Rifle Club were entered in the invitational meet of the Hamilton Club of Chicago, last Saturday. These men, A. H. Helmick and D. G. Wilson, are the only men of the Armour group who have been practicing with the telescopic sights used in this match. The telescopic sights are not required, but, at the distance of seventy-five feet, the iron sights are a distinct disadvantage.

Vern Sturm, '30. He is now living in Pittsburgh while working as a Chemical Engineer for the General Electrical Co.

Jim Duncan, '33, dropped in on us last Tuesday evening.

TRIANGLE

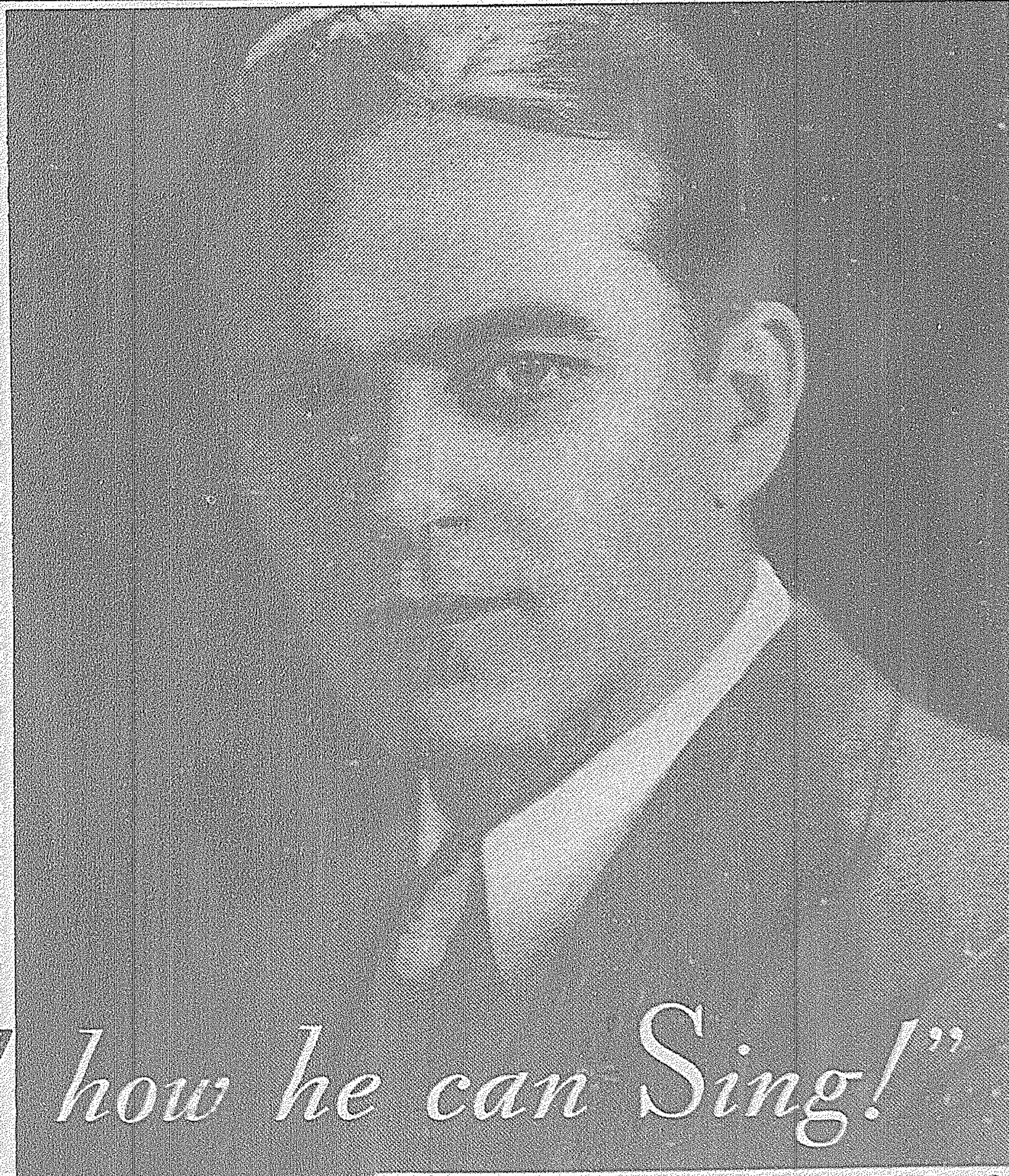
Monday was inspection day of the local chapter by the national council. Brother Beggs, vice president, represented the council in the inspection.

Plans are being formulated for the annual Founder's Day Banquet. This will probably be held in conjunction with the Chicago Alumni Association.

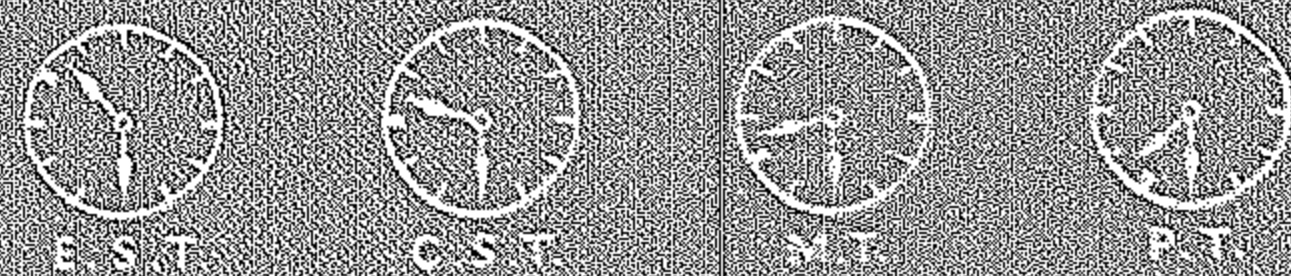
Besides the inspection Monday, we were treated to cigars by Brother Venema who lived up to the custom of passing out cigars to the chapter the same time one passes out the fraternity pin to one of the fairer sex. Congratulations Mayn.

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SWIMMING TEAM DEFEATS MORTON IN SEASON FINAL

**Elect Carlstrom Captain
For the 1933
Season**

DEFEAT MORTON TWICE

Closing the work of the 1932 season, the Armour swimmers soundly trounced the Morton team Saturday night, March 13, at the Morton pool, to the tune of 42-33.

In winning this meet Coach McGillivray's boys ended the season with five victories and three defeats. This is a splendid record considering that DePauw had administered two of these defeats while Crane had won the other by one point. DePauw has developed a very strong squad this year, having been able to defeat the teams of the University of Indiana, and the University of Cincinnati. Last year, the team ended the season with two victories, two defeats, and one tie.

Carlstrom Elected Captain

After the meet, the members of the team handed in their suits, and a motion was raised to elect a captain for next season. Roy Carlstrom, F. P. E., '33, and second high point man during the past season was unanimously elected captain by his teammates, to lead them in the coming season.

Tabulated results of the individual scoring during the 1932 season are as follows:

Kolve	57	Giovan	13
Carlstrom	53	La Force	13
Weston	51	Davison	11
Cavanagh	38	Robeson	8
Byanskas	26	Cassil	4
Ahern	26	Jung	3
Bernstein	17		

Although Armour loses three stellar performers in Captain Weston, Cavanagh, and Byanskas through graduation, prospects for next season are very good. Jack Cavanagh is one of the best breast stroke men Armour has ever had, and he swims the 200-breast stroke in Big 10 time. In performance he has averaged 4.25 points per meet. Andy Weston, during the time he has been here, has proved thoroughly capable in leading a championship team through a very successful season.

Armour Wins Easily

Although the score was never close, both teams gave thrilling performances throughout the evening that had the spectators sitting on the edges of their seats. It seemed that the Morton team specialized in the dashes, while the Armour squad showed their vast superiority in the long distances and the relays.

This is the second time that the Armour swimming team has defeated Morton. A little over a month previous, February 7 to be exact, Armour overwhelmed Morton by sweeping away with six first places, four second places, and two third places in eight events. The first score was 48-27.

Sredl Is High Point Man

Sredl of Morton was high point man Saturday with ten points to his credit. Captain Weston and Kolve were high point men for Armour, each having eight points. In the eight events Armour copped five first places, three second places, and four third places for the total of 42 points.

In the 220-yd. swim Captain Weston, after seeing his partner drop out, arose to the occasion by setting such a terrific pace that when he finished, the nearest Morton man was a tank length behind. He won in the time of 2:58.0 seconds.

The medley relay, and the 160-yd. relay were two events which caused much anguish among the Morton spectators when the Tech men romped off with these two events without exerting themselves in the least. Incidentally, the medley relay team has not lost a race this season.

In the fancy diving event a furious duel was held between Pierce of Morton and Kolve of Armour which finally went to Pierce by a hair's breadth.

BASEBALL SQUAD OUT TO WIN 1ST LEAGUE TROPHY

Within a few weeks King Baseball will take the limelight, not only at Armour, but all over the country. Opening baseball games are sure signs of Spring, and conversely, Spring means baseball.

At Armour, baseball is a major sport and justly so, for the interest shown not only by students participating in the games but by student spectators, indicates that baseball ranks first among Armour sports. The student support should be 100% due to the fact that the home games are played at Ogden Field which is just across the street from the Mission building. (In case some freshmen don't know by now.) In other words, we expect the games to draw a larger attendance to Ogden Field than the Chicago White Sox can expect at their nearby park.

8th Season for Coach Krafft

Coach Krafft first started coaching baseball at Armour in 1925, and his efforts resulted in a season total of 6 victories and 7 losses. In the following years, the season results were continually improved in spite of the fact that stiffer competition was scheduled. A high peak was reached in 1929, when the team won 18 games while losing only 1. Last year, 11 games were won and 3 lost. This brought a five year consecutive record of 52 games won, 17 lost and 2 tied which is exceptional for any college team when the type of competition which the Tech baseball team has encountered, is considered.

Trophy for League Champs

This year, in the Northern Intercollegiate Conference, the Armour squad should make a good showing. In fact, the league championship is expected to come home to the engineers, when the season is over, in the form of a trophy emblematic of league superiority. This prediction is based upon the fact that in the past few years, Armour has emerged victorious over teams equal to, or superior to the teams produced by the Northern Intercollegiate Conference in previous seasons. The league was formed to promote baseball competition and interest in the colleges of the Middle West, and in following years more teams will be invited to enter the conference.

Snow Stops Outdoor Practice

Coach Krafft intended to call the squad out for practice in Ogden Field last Friday, but old man weather turned the trick again in the form of a nice little snowstorm, much to the disgust of the ambitious baseball aspirants.

If this kind of weather persists in making its appearance, the squad will practice outdoors even though there may be snow on the ground. (The candidates should feel this way about it.) However, in appreciation of the fact that spring training is hard work, if bad weather conditions continue to exist it may be necessary to send the squad to Catalina Island or Florida for the spring training ordeal, unless the men may refuse to leave the Institute premises for some excuse or other—the Frosh-Soph dance or Junior Formal, or maybe homework.

1932 Swim Schedule

Armour 40,	Crane 35
Armour 54,	Chicago Normal 12
Crane 38,	Armour 37
Armour 48,	Morton 27
De Pauw 46	Armour 29
Armour 40,	Illinois Wesleyan 35
De Pauw 45,	Armour 30
Armour 42,	Morton 33
Won — 5	Lost — 8
Total Points—Armour 320, Opponents 271.	

SUMMARIES

160-yd. relay—Won by Armour (Giovan, Ahern, Carlstrom, Knox); second, Morton (Tait, Hanzlik, Saska, Hrouda.) Time—1:25.2.
100-yd. breast stroke—Won by Kolve, Armour; second, Cavanagh, Armour; third, Peck, Morton. Time—1:19.6.
40-yd. free style—Won by Sredl, Morton; second, Hrouda, Morton; third, Ahern, Armour. Time—1:19.4.
220-yd. swim—Won by Weston, Armour; second, Tait, Morton; third, Hanzlik, Morton. Time—2:58.0.
100-yd. free style—Won by Carlstrom, Armour; second, Hrouda, Morton; third, Ahern, Armour. Time—1:05.0.
100-yd. backstroke—Won by Sredl, Morton; second, Weston, Armour; third, Bernstein, Armour. Time—1:15.4.
Fancy diving—Won by Pierce, Morton; second, Kolve, Armour; third, Jung, Armour. Points—89.1 (8 dives).
300-yd. medley relay—Won by Armour (Bernstein, Kolve, Carlstrom); second, Morton (Saska, Peck, Hanzlik). Time—3:59.5.

TECH SHORTS

Swimming Captain
Roy Carlstrom, junior F. P. E., was recently elected captain of the 1933 swimming team.

He has been one of Armour's swimmers for the past three years. This season, he ended with 53 points, being second in total points. In 1930, he scored 15 points, and 12 points in 1931.

Captain Andy Weston has also been on Armour's teams for the past three years and has scored a total of 102 points. Last year, he led the team with 43 points, but ended in third place for the current season with 51 markers.

Jack Cavanagh, senior chemical, has won four letters in swimming and has scored a total of 91 points. He has been a very consistent point getter in the breast stroke and also on Tech's relay teams.

Kolve—High Point Man

Irving Kolve, sophomore mechanical, was high point man of the 1932 season in swimming with 57 points. He has been one of Tech's mainstays in the 100-yd. breast-stroke and fancy diving.

Eddie Byanskas, senior civil, has been another one of Tech's main swimmers for the past three years, scoring a total of 63 points.

Baseball Tryouts

Sixty-five men have reported for baseball practice at their first important meeting last week.

R. E. Nelson, Becker, Clanton, B. Larson, Feinberg, and Curran are trying out for the position of assistant baseball manager.

Boxers At Culver

Nine men representing Armour's boxing team made the trip to Culver, Indiana last Saturday. The final meet of the season will be at Valparaiso, Indiana, on April 1.

Schodde and Trauten, managers of Tech's tennis and golf teams, will soon start scheduling matches for the coming season.

Tech's track team has a tentative dual meet next Saturday with Sears Roebuck Y. M. C. A. at the new University of Chicago field-house.

To date, the tracksters have won three meets, and lost only one. This is one of the best records in the past few years.

Seven Colleges Enter Relays

Purdue, Butler, Missouri, Carlton, Millikan, Bradley, and Illinois State Normal have officially sent in their list of entries for the Armour Relays to be held on April 2.

Practically all of the coaches of the Big Ten University track teams have personally assured Professor Schommer of entering their teams in the Armour Invitational Meet.

New meet records are expected to be made in all of the field and track events with the champion runners of the Big Ten being entered in most of the individual events.

The one mile run won by Dale Letts of Chicago in 1929 in 4:31 will be one of the first meet records to be broken this year.

Don Paul's record of 46 feet, 9 inches for the shot put will also be broken if Minnesota, Wisconsin, or Iowa enter their star shot putters.

The only meet record which probably will not be broken is Nelson's high jump of 6 feet 2 3/4 inches made in 1929 when he was attending Butler college.

Three other records held by University of Chicago men are: Schulte, 440-yard dash, 0:52.3; Williams, 880-yard run, 2:03.0; and Jackson, 2 mile run, 10:02.0. These are all very poor times for present Big Ten runners and will probably be easily equalled or broken.

H. P. R.

Large Turnout at Baseball Meeting

Monday evening, March 14, the candidates for Armour's baseball team held a meeting in Room A of Main Building. The meeting was presided over by Coach Krafft, who passed out slips of paper to the men present on which the candidates wrote their name and the position for which they were trying out.

After this had been done, Coach Krafft gave the fellows an instructive talk on how to play their different positions. He also explained the correct way to hold a bat.

There are about 65 men out for the team now. So far they have been practicing in the gymnasium but as soon as the weather gets nice enough the practice sessions will be conducted on Ogden Field. By the first of the week Coach Krafft expects to have the squad cut down to the 25 most promising players.

Band to Be Enlarged; Will Play at Relays

In response to the request of the A. T. A. A. that a band be present at the Invitational Meet Saturday, April 2, plans are being made and members sought for the occasion. It is necessary that a full band of at least thirty-five musicians be organized in order to play the necessary marches and college songs. For this reason a special effort is being made to bring out every man who plays a band instrument.

A notice of rehearsal will be posted on the bulletin board as soon as arrangements are complete. Anyone who desires further information is requested to see G. L. Bonvallet or any member of the band, and to report at the first rehearsal.

ARMOUR BOXERS DEFEAT CULVER MILITARY ACADEMY

For the first time in fifteen years the Culver Military Academy's crack boxing team tasted defeat when Armour's boxers pounded out a victory over them last Saturday. The final score was 4 1/2 to 3 1/2. The half point on each team's score is accounted for by the fact that Captain Sandstrom of Armour and O'Hara of Culver fought to a draw.

The eight bouts were all closely fought and with the exception of two bouts which Armour men won by technical knockouts the winner was decided upon by the judges. Armour Tech started off right when Donnelly of Armour won the judges' decision in his bout with Geyer of Culver. The next two bouts went to Culver, however, Behmer of Armour losing by decision to Pyle of Culver, and Core of Armour losing by decision to Gignilliant of Culver. At this point in the matches the team score stood two to one in favor of Culver, and Captain Sandstrom of Armour kept Armour within striking distance of the lead by fighting O'Hara of Culver to a draw.

Marcus of Armour then came through with the first decisive win of the meet by winning from Phillips of Culver on a technical knockout. This victory made the two teams tied with two and one-half points each. However, in the next bout Culver again regained the lead due to a victory by Ward of Culver who won the judges' decision in his

bout with Schavilje of Armour.

The bouts that decided the winner of the meet were the last two and in these heavier divisions the Armour boxers were too good for the Academy boxers. McDonald won from Eddy of Culver on points to tie the team score at 3 1/2 to 3 1/2 and Heckmiller won the deciding match by a technical knockout over Mearing of Culver.

The Tech boxers certainly did themselves proud by defeating the boxers of Culver who have such marvelous equipment and other advantages that the Armour men do not have; and are to be complimented for their victory over the team they have been trying in vain to defeat for several years.

SUMMARIES:

First Bout:

Donnelly, Armour, beat Geyer, Culver, by decision.

Second Bout:

Pyle, Culver, beat Behmer, Armour, by decision.

Third Bout:

Gignilliant, Culver, beat Core, Armour, by decision.

Fourth Bout:

Sandstrom, Armour, drew with O'Hara, Culver.

Fifth Bout:

Marcus, Armour, beat Phillips, Culver, by technical knockout.

Sixth Bout:

Ward, Culver, beat Schavilje, Armour, by decision.

Seventh Bout:

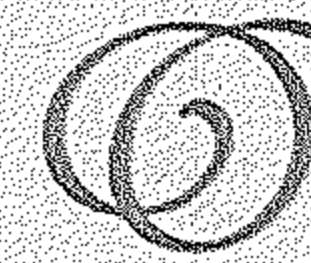
McDonald, Armour, beat Eddy, Culver, by decision.

Eighth Bout:

Heckmiller, Armour, beat Mearing, Culver, by technical knockout.

Eat at the
BOULEVARD CAFETERIA
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Armour Tech Relays



SATURDAY, APRIL 2, 1932
University of Chicago Field House

Preliminaries at 3:30 p. m.

Finals at 7:30 p. m.

Admission 50c

Armour men admitted free