



## Dinners Will Be Optional at Novel Junior Formal in Drake on Feb. 12

### Bids Now on Sale at Three Dollars

Outstanding in the social functions of the present junior class will be the Junior Formal to be presented at the Main Ballroom of the Drake Hotel on Friday night, February 12. Bill Hogan and his famous "California Cavaliers" orchestra will play for the dance. Plans have been made by the junior class social committee to make the Junior Formal the most unusual and pleasant dance ever presented at Armour.

#### Bids Now on Sale

Bids were placed on sale late last Friday afternoon by Stanley Healy, junior class social chairman and may be purchased from committee members: C. W. Dunbar, E. Hanson, C. W. Modersohn, S. M. Osri, M. Schuman, G. L. Stober, and I. Thomas. The committee promises to incorporate many new features which will be revealed in the next issue of the *News*. At the dance, programs will be given out, and favors in the form of bracelets will be given to the young ladies.

Bill Hogan's orchestra has an impressive record including engagements at the Los Angeles Biltmore Hotel, Arizona Biltmore at Phoenix, Jefferson Hotel in St. Louis, Baker Hotel in Dallas, Edgewater Beach in Chicago, and most recently, the Cocoanut Grove in Chicago. He has played on the RKO Theater circuit throughout the middle west, and appeared at the Chicago Palace Theater recently. Bill Hogan's California Cavaliers have also played the music for twenty-nine movies.

#### Feature Rhythm

Rhythm is the slogan of the band. "If a dance orchestra wants to be successful it must have, above all else, good rhythm," says Bill Hogan. "All leading bands play a different style of music, and they all have their own peculiar style of rhythm. Dancing is a rhythmic art; without rhythm, dancing is almost impossible. Therefore, you will find that" (Continued on page four)

## Dr. Hotchkiss Back From California Trip

Dr. Hotchkiss returned last week from California where he and Mrs. Hotchkiss spent the holidays. Although the trip was primarily to visit their daughter and son-in-law, Mr. and Mrs. E. Stanton Foster, who are living in Berkeley, Dr. Hotchkiss was called into conference, both in San Francisco and in Los Angeles, in reference to some of the industrial policies which California business leaders are in process of developing. Aside from momentary labor troubles, economic expansion, taken together with changes in industrial, political, and social conditions, are creating new problems for management with which leaders in the West are deeply concerned.

#### Widely Known Consultant

As consultant for several leading concerns on the west coast while Dean of the Graduate School of Business at Stanford, Dr. Hotchkiss had gained a wide knowledge of practical management problems in the far West. He was also Chairman of the California Research Council and was active in connection with the office of the State Engineer, the State Chamber of Commerce, and the San Francisco Industrial Association. Through these activities he had been in intimate contact with a large range of public and private enterprises.

#### Visited California Tech

During this trip west, Dr. Hotchkiss also visited the California Institute of Technology and the engineering schools at Stanford and the University of California in connection with some of the items of Armour's development program. He reports the keenest interest at these schools and among industrialists in the progress Armour is making.

## Faculty Women Hear History of Sanitation

Professor Vagtborg presented an illustrated lecture on the subject "The Story of Sanitation in Chicago-land," at a meeting of the Faculty Women's Club held last Wednesday. The slides portrayed the history of water supply, from hand bucket down at the river, to wells, and finally to the modern water supply units. Two or three of the slides showed the means by which sewage is treated. A possibility soon to be realized, according to Professor Vagtborg, is that the Chicago River will be as pure as it was when the pioneers used it for drinking water. Shortly after the lecture, the members adjourned to the Faculty Grill to view curios and heirlooms presented for exhibition by the members of the club. One of the curios was a bed warmer used in the last century. Professor Penn had a silver knife handle on exhibit dated 1817, and an inscription bearing the name of his great grandfather, Jacob Harm Penn.

The club will visit the Art Institute Friday, the tour being personally conducted by Dean Kelly, dean of the Art Institute.

## Conference Course Holds First Meeting

Sponsored by Armour Institute, a conference course in plant engineering and maintenance for selected executives got under way last Friday evening when the first meeting of the series of fifteen was held at the LaSalle Hotel. Professor H. P. Dutton, supervisor of the series, was leader of this first conference, his subject being, "Present tendencies and points of view in plant engineering." Mr. J. D. Cunningham, chairman of the board of trustees, and Dr. W. E. Hotchkiss, president of Armour Institute, gave short introductory talks to introduce the special course.

#### Cooperate with Industry

This is the first attempt of any educational institution to offer its services in such a way to modern industrial organizations. The desire of these latter to cooperate is demonstrated by the enrollment of thirty companies varying in interest from the Illinois Bell Telephone Company to Sears Roebuck and Company. Each of the meetings resembles a trade conference in form, offering opportunity for exchange of ideas, experiences, and points of view, and being preceded by an informal dinner.

#### Faculty to Speak

Each meeting presents a guest speaker who is a specialist in the field to be discussed at his meeting. W. J. Austin, president of The Austin Company of Cleveland, H. P. Kendall, president of The Kendall Company of Boston, and C. P. Wood of Lockwood Greene Engineers, Inc. of New York, are some of the out of town speakers who will supplement the work of Chicago specialists. Professors Finnegan and Nachman are included in the list of speakers.

## March Selected for Premier Soph Dance

Inaugurating their social season for the coming semester, the sophomores will hold their winter dance Friday, March 5. The social committee, headed by B. G. Anderson, has combined its efforts to choose a location which will be convenient and well suited for such a purpose, and an orchestra whose music will be enjoyed by the dancers. Thus far the Hotel LaSalle and the Knickerbocker Hotel present the best possibilities for suitable locations. Although the committee has reviewed several prominent orchestras, no definite choice could be stated. The bids will probably be limited in number and will be out sometime next month.

## Athletic Events Free To All Honor 'A' Men

Honor "A" men of the future will be admitted gratis to all Armour home athletic games according to a ruling passed last Thursday at the A. T. S. A. board meeting. This ruling makes it possible for all Honor "A" members, past, present, and future, to attend all home athletic events upon presentation of the society key. This custom is in practice at most schools, and it was thought fitting to give this privilege to Honor "A" members.

## E. Wenger Presented Before Armour W.S.E.

Mr. E. C. Wenger of the Portland Cement Association addressed the local student branch of the W.S.E. at its meeting last Friday. His talk on "Highway Improvement" stressed the need for street improvement. Some of the problems confronting the municipal engineer are: which streets should be improved first, should the street be widened or not, what type of street slab should be used, how should the intersecting streets be joined, how much room should be left for parking, what provisions should be made for pedestrians, and what system of traffic control should be used? Mr. Wenger also gave a discussion of the types of surfaces best suited to modern traffic demands and the types and quality of materials used in producing them.

This was the second visit of Mr. Wenger to Armour. He addressed the W.S.E. last semester on the topic of "Cement Highway Design."

## Second 'Dad's Night' Plans Being Formed

Following the success of the recent "Dad's Night," plans are being tentatively formulated for a somewhat similar affair to be held next year. This future event will consist of a banquet with entertainment, but it will not be followed by an athletic contest.

Temporary plans call for all athletic teams to be present—each team seated at separate tables. Speakers will include individuals of Armour and also prominent men from other localities. Music will probably be furnished by the Tech Musical Clubs and there will also be acts by individual entertainers. All plans are very tentative however, and nothing definite will be formulated until next year.

A. P. Schreiber, publicity manager of Armour, and C. W. Dunbar, first vice-president of A.T.S.A., were in complete charge of this year's affair, and all credit is due them.

## Chemical Class Visits Lead Refining Plant

Despite the cold, rainy, weather last Wednesday, the senior chemical metallurgy class journeyed out to East Chicago to inspect the International Lead Company. The group, led by Prof. Carpenter and O. Zmeskal, was guided through the large refining company by the superintendent and a number of engineers.

The principles developed in the metallurgy class as industrially applied and some of the latest developments in metallurgical science were graphically illustrated to the chemicals. Chief among the new processes was the white lead process developed by Elmer Sperry of gyro-scope fame. This process is considered better than the Dutch process due to the fact that it can be precisely controlled at all of its stages.

The International Lead Company, a unit of the Anaconda Copper Company, turns out 96,000 tons of lead yearly and 80 tons of white lead daily.

At the finish of the inspection trip the visiting chemicals were treated to a dinner at the company's dining hall through the courtesy of Mr. Stockdale, superintendent of the plant.

## Foundation Begins Work on X-Ray Lab

### New Assistants Added To Organization

Expanding their present quarters and equipment, the Research Foundation has started work on an X-ray and a spectroscopic laboratory which will be completed soon. Dr. Zigar, professor of physics at the Y. M. C. A. College, will have charge of the X-ray laboratory. Dr. Zigar was awarded his degree by the University of Chicago in 1931 and has been working at the present time setting up equipment for the laboratory. Dr. Hougan of the University of Chicago, who joins the Armour faculty next semester, will also devote time in the research laboratory. He will teach chemical engineering courses. Professor W. W. Colvert, physics instructor, will do special research work in the new spectroscopic laboratory. Other professors who will devote extra time in the research laboratories are D. Roesch, J. C. Peckles, J. S. Thompson, H. McCormack, C. G. Anderson, and A. H. Carpenter. Professor J. B. Finnegan, who is assisting Dr. T. C. Poulter, has now moved his office into the research rooms. The new laboratories are expected to be ready for use about the first of next month.

## 'Engineer' Features Story by Dr. Poulter

Scientific research in geophysics at "Little America" in the Antarctic by Dr. Thomas Poulter will be featured in the next edition of the *Armour Engineer and Alumnus* to be distributed during the first week of February.

Many interesting articles will be contained in the new issue of the publication according to the editor, Prof. W. Hendricks. Armour graduates and faculty members have contributed several feature articles on engineering and scientific subjects which will be published in the magazine.

Among the subjects to be discussed in the February issue of the *Armour Engineer and Alumnus* are the electronic organ; the new ocean-vessel, "Queen Mary"; and the invention, development, and history of the teletype machine by H. L. Krum, an Armour graduate.

## Famed Engineer Will Talk on Leipzig Fair

Dr. Felix Iserman's speech on exhibits at the Leipzig Trade Fair will be featured at the special A.S.M.E. meeting next Tuesday at 11:30 in Science Hall. Dr. Iserman is a noted German engineer and is now travelling through the United States on a "good will" tour to promote interest in the Trade Fair. The talk will be based mostly upon the "machining of metals," and in order that mechanical engineering students may fully benefit by it, all junior and senior classes of mechanical students will be dismissed. Twenty-four engineering booklets have also been received from Germany in an attempt to promote interest among mechanical engineers in the Fair. The booklets are now in the Automotive Laboratory and may be used by any students.

At the meeting held last Friday at 10:30 in room D, Mission, three student speakers were presented. L. J. Janas spoke on "High Speed Diesels," C. E. Hockert on "Fans" and M. J. Loftus on "Shaking Forces." The first two speakers were rated by judges in order to improve their speaking ability. Professor Daniel Roesch spoke shortly on the purpose of the ratings, describing them as a method of helping one "step himself up." President S. M. Miner told of the additions to the donated books which will be presented to the most active members of the A.S.M.E. The list now includes books on "Fan Engineering," "Diesel Engineering," and "Refrigeration" and handbooks of various types.

## PLAYERS WILL PRESENT BACKWOODS COMEDY IN MISSION FRIDAY MORNING

### Kidnapping and Lynching Party Provide Drama For This Farce on Vermont Life, 'The Quarry' by J. Aubrey Clark

### PROFITS OF LAST PLAY ALLOW FREE ADMISSION

### Tickets on Sale for Downtown Concert

Continuing the precedent set by their first downtown concert last winter, the Armour musical clubs will perform at the Goodman Theater on Thursday, February 25, at 8:15 p. m. Last year's concert was so enthusiastically received that Director O. Gordon Erickson predicts an early sellout. The tickets are priced at fifty cents, and all seats are reserved. They may be purchased from any member of the Glee club or orchestra.

One of the interesting features of the program will be the Glee club's rendition of "Summertime" from "Porgy and Bess," the music for which was written by George Gershwin, and arranged by George Danforth, an Armour sophomore. The orchestra is also working on several new numbers.

The musical clubs hope to be able to finance several concert trips for next spring. The proposed trip to Pontiac on January 22 has been postponed, but further possible trips may heighten the experience and prestige of the clubs.

## Radio Club to Have Voice Transmission

Radiophone communication will soon replace the wireless telegraphy which at present occupies the Radio Club. The change from code work to radiophone, for some time a bone of contention, was finally decided on, and tomorrow or Thursday will see the first use of the new equipment.

Members of the club have done the work necessary to adapt their transmitter for the sending of voices. Roy Colin, president of the Radio Club, has been especially busy with this work.

As the phone communication will be intelligible to those unversed in the mystery of Morse Code, visitors will be invited to come up at certain hours which will be announced later. Meetings of the club are now held on Thursdays, at which time any prospective members may present themselves at the club rooms on the second floor, third entrance Chapin. Next semester will see the return of Norman Pulliam, former member.

A party is being considered, and will probably be held, for an affair last year netted sixty some dollars. If it is held, the surroundings will be very inviting, as a siege of house-cleaning has just passed.

## Chemists Club Offers Talk On Autochromes

Camera enthusiasts should be pleased to note the invitation extended to them by the Camera Chemists of the Chicago Chemists Club to attend their meeting tonight. Dr. C. O. Schneider, the well known authority on autochromes, will speak on "Capturing the Chromatics."

Photography has been Dr. Schneider's hobby for over thirty years, the last ten of which have been devoted to autochromes. He is considered one of America's outstanding color pictorialists. Dr. Schneider's color photographs are not merely tinted prints, but are actually colored as they are taken in the colors of the natural setting. He uses the lumiere process which was developed in France.

The meeting will be held tonight at 8:00 p.m. in the Chicago Chemists Club rooms at the Hotel Stevens.

Under the guidance of Mr. W. B. Fulghum, the players will present their second play of this semester on Friday, January 22 at 10:30 in the Mission. Their choice of play is the farce of J. Aubrey Clark, "The Quarry." The production of this play is in many respects different from their previous problem play. "Waiting for Lefty" was produced primarily to stimulate social thinking by the students, whereas "The Quarry" is being produced primarily for amusement.

#### No Admission Charge

Since the last play was profitable enough to cover this production's expenses, there will be no admission charged.

The final cast, as selected by Mr. Fulghum consists of:

M. Ephraim .....Deputy Sheriff  
E. Worcester .....Reporter  
F. M. MacConnell .....

..... Higgins, the sheriff  
R. Weissman .....Gus, the accused  
R. I. Jaffee .....Em Cady  
J. Mashman .....Zeke Tasker

As the cast might suggest, the play has for its setting the backwoods of Vermont. To further increase the atmosphere of the play, the entire dialogue is carried on in typical backwoods style. The play itself concerns an alleged kidnapping of one of the town girls by the town imbecile. Complications set in and a lynching party is organized. With the mob pacified, the play comes to a very dramatic and unexpected conclusion.

#### Kidnapping Involved

On the technical staff are Sidney Miner, assistant director; Joseph Kubert, stage and lighting manager, Frank Hanneman, property manager, (Continued on page four)

## Meat Packing Topic at A.I.Ch.E. Meeting

"The Meat Packing Industry" was the subject of an informative talk delivered by Mr. Tolman, engineer for the Wilson Packing Company, before members of the A. I. Ch. E. last Friday.

Among the most important problems facing the meat packing industry, according to Mr. Tolman, are air conditioning and the effective control of humidity in preserving meats. Although great progress has been made in these fields, a great deal remains for the sanitary and chemical engineer to accomplish, especially in humidity control.

#### Utilize By-products

Mr. Tolman emphasized, however, that the many and varied chemical processes arising from the utilization of by-products offer a great variety of opportunities for the chemist and chemical engineer. At the present time these by-products are the industry's greatest source of profit. As an illustration of recent developments, he exhibited a specimen of a widely used insulation board made exclusively of hair.

The field of hydrogenation of fatty oils is one in which Mr. Tolman has been engaged for some time. In spite of the great potentialities of this process, comparatively little research work has been done. Mr. Tolman believes that the future will bring great progress in this interesting work.

#### Bacteriology Necessary

For work in the meat packing industry, Mr. Tolman stated, four years of the study of general chemical engineering is insufficient. In this and many other industries a general knowledge, not only of chemistry, but also of biology and bacteriology are becoming increasingly necessary.

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## To Name a Building

In the busy preparations now going forward to make the Thirty-third Street flats into a research laboratory, the only thing that seems to have been forgotten by the administration is a new name for the building which houses the new research offices and most of the laboratory. Possibly its name has not been neglected, but just put aside for a more opportune moment.

However, the name "Research Laboratory," which the building has naturally assumed, does not seem appropriate for this building because it houses two honorary fraternities and one social "frat." To continue reference to the former apartment building as the "Thirty-third street flats" is, of course, out of the question. What it needs, is a new name with which the building can be satisfactorily referred to by the students and their newspaper.

We believe the custom followed by most colleges in such a case is to name the building after some philanthropist who, with the school's interest in mind makes it possible to perform much needed but expensive alterations. Sometimes it is named after the person who was instrumental in developing the building to begin with.

With the continued rapid growth of the research foundation, many of these things will come naturally. Possibly in planning for the future, this building will be completely a research lab and a name like "research foundation" would become appropriate. For the present, however, perhaps some student can suggest a good name for a building which is beginning to assume a position of prominence on the campus of Armour Tech.

## Labor Relations

Much has been said about the critical period through which we are now passing, but its outcome cannot be of graver concern to anyone than it is to the embryo engineer. The breach between capital and labor has been rapidly widening until today when it has caused almost complete cessation of activities in one of our largest automotive enterprises. Because he is in neither division, the engineer is in an extremely dubious position. If he sides with labor, he will probably lose the support of his employer; if he sides with capital he falls into disfavor with labor for whom he is directly concerned and partially responsible. The only apparent alternative left for him in this case is to remain neutral but even in this case he finds himself technically unemployed until labor and capital settle their dispute.

It is not a question of right. Perhaps labor is right in its demands and perhaps capital is

right in refusing them. Both sides will eventually get together and agree or if one side can hold out long enough, the other will withdraw its demands. The latter event will not solve the problem. If anything, it will tend to cover over for a while what will break again at the slightest irritation.

Because of his position and for his own protection, the solution of the problem falls upon the shoulders of the engineer who is perhaps the least trained to solve such problems. It is for him to devise and invent new schemes and to use any old methods to the mutual benefit of both labor and capital. This problem may be one which you, as an engineer of tomorrow, will be called upon to solve.

The solution may rest in the guise of socialism, communism or one of the other "isms;" it may lie in the campaign of Mr. Lewis to unionize all laborers. Then again it may come in the form of a dream in the head of some philosopher—a plan unheard of in any part of the world, but sooner or later it will come to light and aid in the solution of the labor problem. To an outsider with a view toward facing such problems, however, the solution cannot rest in the complete domination of one group by the other.

Up until about 1900, capital was in complete domination of labor and the work week averaged sixty hours. By 1930 this was cut down to about 45 hours. This cut in hours can be attributed almost wholly to the collective bargaining power of organized labor.

In commenting on the question, it must be remembered that capital cannot exist without labor and labor cannot exist without capital in the form of money to finance projects such as the General Motors Corporation. The engineer could provide some of his own necessities and luxuries but if such ever became the case our civilization would revert back to the days of the cave man where every man was responsible for himself.

With these ideas presented to you as engineering students, who will, in the not far distant future, face these problems in labor and management we urge you to give more than passing thought to what is going on in the country as presented by the newspapers and radio.

## Honor Cycle Awards

It is very seldom too soon to do anything and many times things slide until it is too late to do anything about them. When the Honor Cycles were awarded last year, there was considerable talk raised by the students concerning the basis of awards for this honor. We do not consider it too early, therefore, to take up the question again.

The whole trouble last spring seemed to be the fact that too much emphasis was placed on athletics in the making of the Awards. Since these awards are made on the basis of a point system by the Armour Tech Student Association whose officers are elected by the students, we feel that the trouble is in the system of points, and suggest that it be revised. A good basis for the award would make the entire difference between a real honor and an award which arouses constant criticism by the students.

To the students who, in their clamoring, suggest a publication of the point system, we wish to say that it is entirely out of the question. To publish such a list would eradicate the very purpose for which the award is made viz., an award to students who are outstanding in their leadership and participation in outside activities. The student publicity seeker (and there are many) would pick out the activities which carried with them the most reward and neglect others. Let us hope that the necessary action concerning these awards, is taken before next May when the Cycles are presented.

## STUDENT OPINION

### OH LORD PLEASE TAKE AWAY THE DARKNESS

It seems deplorable that an organization like the A.I.T. orchestra must plead three years, to my knowledge, for better lighting facilities, and for the same length of time continue to rehearse on promisory lights. The requests for lights have been as regular as the promises which have been meted out to the requestors. Must the orchestra become a group of blind musicians, or is a sit-down strike in the middle of some concert necessary to awaken those in charge to the fact that the orchestra has a definite place in school activities and should be treated accordingly?

This squib is offered not in the spirit of Peglerism, but merely as an indication of outright disgust in connection with a matter for which the remedy is so simple.

A. J. Allegretti.

## The Slipstick

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

Gentlemen: The topic for discussion this week is an apology for the topic of discussion of last week. Sex, humph! That's all those Sphinx members paid any attention to during their three years of life. How ever, their Slopstick of last week was merely one of those considerate gestures. It was Eejay's turn they took, and the boys thought it would be appropriate to write in his own (thank God) inimitable fashion. I hope you boys can figure out to whom the insult is directed at. Oysters, H. D. B.,—Fooye! Nov Shmoz Ka Pop!!!

Pictures I'd like to take: One of the Siamese twins. Having one eating a piece of watermelon and the other spitting out the seeds.

*The sardine and the herring*  
Were all dressed up that day,  
In clothes of deepest mourning  
Their last respects to pay.

*"Have you heard how brother sucker died?"*  
The sardine started to say,  
"Tell me," the herring answered  
And together they went their way.

*"Here is how it happened,"*  
A story sad indeed;  
Our fine fish friend has met his end  
While doing a good deed.

*"A widow perch approached him*  
A sad tale she did spin,  
He helped her out and then he drowned,  
He gave her his last fin!"

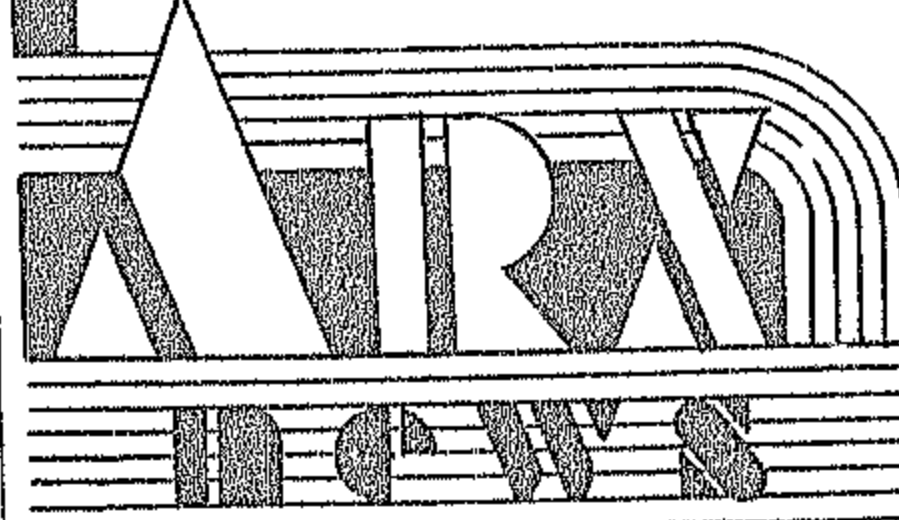
**Moral: Don't be a sucker!**

Eejay is down to the last ditch. One more and he'll flunk in P-Chem.

The Carstairs and the Jugheads were feuding again. Old man Jughead gave his ten-year-old son a rifle "There's a Carstairs behind that tree. Pop him off."

The kid took aim and fired. Disappointedly he turned to his pap, "Shucks, paw, ah missed."  
"I know," was the angry retort, "fer that, you're agoin' to school to-morrer!"

**Motorcycle Cop: Hold on you, let's see your license.**  
Eejay's girl: Here.  
Cop (boiling): This is no driver's license. It's a picture of you in a bathing suit.  
Dope: I know, officer, but don't I look the nuts!



In accordance with the idea voiced by Mr. Hofmeister at a recent Arx banquet this column accepts his idea with alacrity (two months later!), and so we proceed to give the latest dope on Eddie and Wally, and now that this is done and all the dirt is at your eyelash the column skips on to those triter things which endear this stuff to the wastebasket.

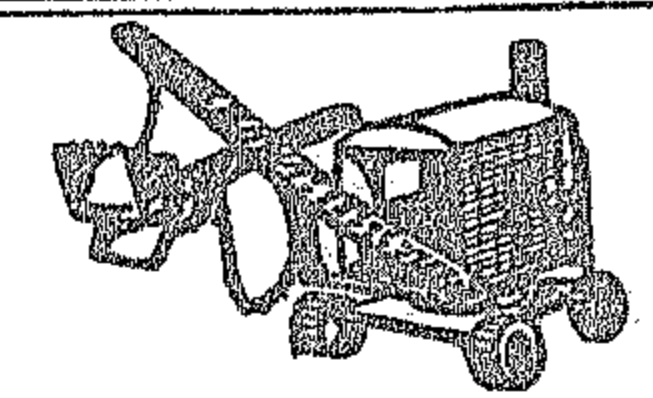
Happiness reigned for awhile among the juniors because eleven of them rated high enough in the local judgment to merit postage to New York. The two best plates in the opinion of the jury were Litwin's and Johanson's, and so they have a First Mention apiece for their current efforts. Although the end of a charette does bring a let-down there is one fly in the ointment. The little problem of trying to find all those things which one has loaned out is not so easy as Woolsey will attest. Poor Ted spent several hours searching for his brushes and all the time maintained that he could identify them because they had black handles.

From last Saturday onward there will be a dizzy pace right up to the middle of June since there are about forty men registered in the Class B, Beaux-Arts. From the looks of things "niggers" are going to be very scarce, and so some of us may have to be civil to the Civils just in case the amount of drafting becomes mountainous when we are all on charette. Invitations may be in order.

Last week, through no fault of Art Gum (it can be proven) this column was on page ninety-nine of the Tech News. Everyone of you who didn't find it (both of you) will probably like to know that Huboi, Jakubowski, and Scott received First Mentions on their last projet. Aside from that there was nothing worth reiterating and so this column ends here, with the hope that Sid will print it and have enough space left over for the Searab notice which also got the axe last week.

Adios to you, Arx, and love to my dear editor, the ...  
ZAZU. ART GUM.

## THE STEAM SHOVEL



Says Vic Svagdis, "Say, they certainly fixed "P" Mission up didn't they!"

Says "Doc" Manley, "It is the dissolution of definite coherent heterogeneity into indefinite incoherent homogeneity."

To you—Energy is transferred.  
We guess Bob Jaffee won't walk out early on any more of the quizzes given by Benjamin B. Freud.

Professor Paul to his 11:30 strength class, "... and what is the strength of a Blow Hole?"

In another one of his lax moments the Romeo, Pete Morrison, let it be known that in his courting days (quote Peter), "I had thirteen girls on the string and spent practically nothing on them; so I must have had something to hold them."  
(Author's note: "Please do not make any additions without author's permission.")

Signed,  
J. P. Slowiak.

Found in a mechanics book once used by "Shots" Wagner: 2 games, 21 shots, 2 buckets, 5 free throws, 3 free throws made, 3 fouls.

Found in a book owned by Bernie Bernstrom: "To the lips, to eyes, of the girl I will love some day!"

States Cal Nauman, "I don't have to worry about dates any more."

Irv Seidenberg seems to be having trouble with the Junior "Sewer Rats" (Civils to some) these days; his pants came off in the lunchroom last week.

Have you all noticed the famished look on Cliff Carstens lately? He hasn't eaten for a long time.

**Mary Diletto Restaurant**  
3253 Princeton Ave.  
Menu changed daily. Home cooking. Complete steak or chop dinners, 85c.  
Special 30c dinner

**OLD JUDGE ROBBINS**  
CURIOUS SOUTH SEA PIPE

YES, A SEA-SHELL PIPE. THE NATIVES DIVE FOR THE SHELLS

IN THOSE SHARK-INFESTED WATERS! THEY SURELY MUST PRIZE A COOL SMOKE

DON'T WE ALL?

YES— BUT I HAVEN'T FOUND THE SECRET YET

YOUR ANSWER IS PRINCE ALBERT. IT'S 'CRIMP CUT' FOR COOLNESS. THOSE WAVY PARTICLES PACK SNUGLY IN YOUR PIPE— BURN SLOWLY— SMOKE COOLER

ANOTHER THING YOU'LL ENJOY ABOUT RA.—IT DOESN'T BITE THE TONGUE

IT'S GREAT, JUDGE! I'M SMOKING PRINCE ALBERT FOR KEEPS!

PRINCE ALBERT MEANS PRINCELY SMOKING, MEN. RA. IS CHOICE, MILD TOBACCO, 'CRIMP CUT' FOR COOLNESS, AND HAS THE 'BITE' REMOVED BY A SPECIAL PROCESS. IT'S THE WORLD'S LARGEST-SELLING PIPE TOBACCO!

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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 COMPANY  
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**PRINCE ALBERT** THE NATIONAL JOY SMOKE

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

## ARMOUR BOWS TO MACOMB QUINTET IN HECTIC BATTLE

### Techawk Personals Cut Down Strength of Team

#### FINAL TALLY, 35-28

In an intense battle, which held the Macomb loyalists thrilled to the last minutes of the game, Western State Teachers outscored Armour, 35-28, when the Techawks invaded Macomb, Illinois, last Friday night. Five men were driven from the game because of personal fouls.

The fouls led Armour to difficulty when O'Connell forced himself out of the game at the end of the half, and Merz dealt his fourth personal during the second period. Both Heike and Wagner left in the last two minutes of the battle.

Although Tech took the opening point the Western Leathernicks gained possession of the ball for a long rally. Play centered about the Teachers' goal, Armour losing its chances at every gain of the ball. Hughes, Stewart, Stearns and Henderson led the scoring to a maximum lead of sixteen points against two Tech freethrows.

#### Heike Leads

Heike led, as Armour changed conditions, with a free throw and a neat hook shot. Merz sank a long, and Wagner dribbled deep into the corner to pass to O'Brien for a set-up.

With the score at 16-10, a time-out slowed down the play, but Wagner broke loose again to loop an Armour basket with one hand. Henderson retaliated with a long, and Carey with a free throw. Western's score stayed at 19, but a side shot by O'Brien and a one hand toss by Heike closed the half at 19-16.

The second period opened in a mad fight for the offense which sent the crowd into hysteria. The ball oscillated from end to end, O'Brien and Henrikson snatching the possession several times. Merz worked one in to Heike who cinched the first score of the half. Henderson fouled and Shukes sank the resulting free toss, which momentarily tied the score.

Carey edged ahead with a free toss, and Stewart sank another to raise the lead. Armour worked the ball in to the basket, but in the bitter excitement, failed to sink a dozen tries.

#### Score Becomes Close

The score edged to 26-22 before Merz was forced to leave the game. Western gained three more points and Armour followed with three. Stewart tipped a basket in and Sheehan compensated with a long. Wagner gave Armour its last point a minute before recovery became apparently impossible.

A foul by Wagner and one by Heike put them out of the game in the last minute and gave Western State its last two points.

High scores were taken by Stewart of Western with 15, and Heike, who carried 9.

BOX SCORE			
Armour (28)	B. F. P.	West. St. Teach. (35)	B. F. P.
Heike, f.	3 3 4	Hughes, f.	1 2 3
O'Brien, f.	2 1 1	Barehft, f.	1 0 1
Merz, c.	1 0 4	Carey, f.	0 3 1
Kubicka, c.	0 0 0	Stearns, f.	2 2 1
Henrikson, g.	1 0 0	Henderson, c.	1 1 4
Wagner, g.	1 2 4	Stewart, g.	6 3 1
O'Connell, g.	0 1 4	Orr, g.	0 0 0
Shukes, g.	0 3 0	Chatman, g.	1 0 1
Sheehan, g.	1 0 0		
Brown, g.	0 0 0		12 11 12
	9 10 17		

### Frosh Quintet Loses to Fox College 50-36

Armour's freshman basketball team suffered its second defeat of the season when they were turned back by the Fox Secretarial college 50 to 36, last December 18. The frosh were outclassed by the long and tricky hook shots of the Fox quintet. After a rough hard-fought first half the Tech team was trailing 29 to 20. During the second half the frosh were unable to keep up the pace set by the Fox team, and falling behind while their opponents continually forged ahead, the frosh found the score 50 to 36 against them when the final whistle blew.

## SWIMMING VICTORS

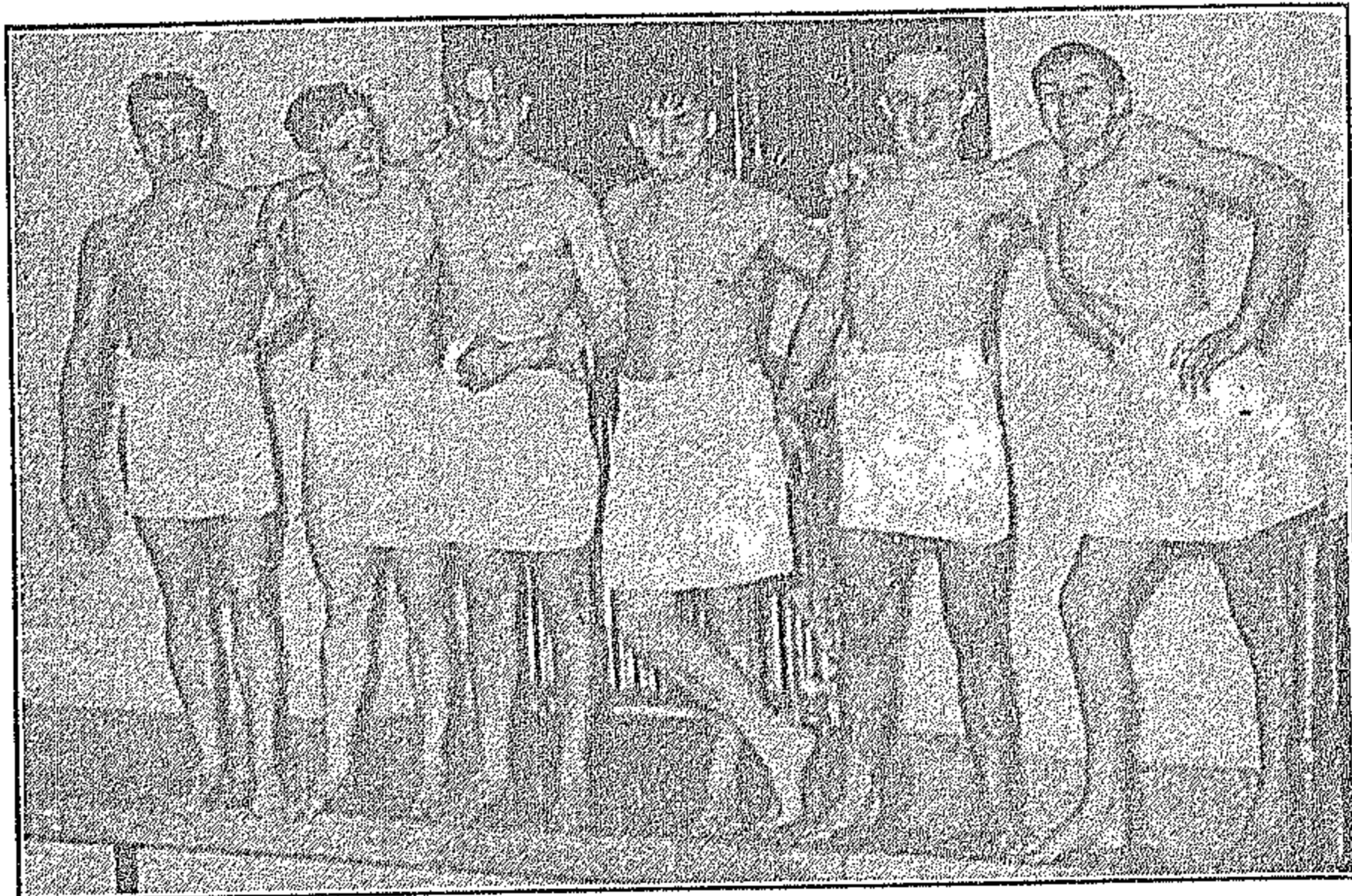


Photo by Mehringer  
The winning interclass swimming team. Reading from left to right: R. N. Vandekieft, C. D. Pierson, C. D. Parks, R. A. Winblad, V. Svagdis, and R. A. Dodge.

### FIVE CHAMPIONS NAMED AS BOXING TOURNEY CLOSES

Final bouts in the intra-mural boxing tournament were fought on Jan. 11, and five new school champions were acclaimed.

In the 133 pound class Allegretti out-slugged Fowler to be proclaimed champion. Both men were punching fast with Allegretti concentrating on body punches. They loosed a number of round house punches that failed to connect, but Fowler took advantage of an opening and dropped Allegretti for a count of one, and then Tony came back to drop

Fowler for a count of five. The bout ended soon after with the decision going to Allegretti.

The Bacci-Little fracas in the 147 pound class kept the spectators alive and roaring. Bacci started a whirlwind attack that kept Little backing away. In the second round Bacci continued his wild man tactics and gave Little no chance to use the right that he kept cocked and ready for action. A unanimous decision gave the bout and championship to Bacci. The heavyweight bout between Palonis and Hock was another that kept the spectators on their toes. Both men fought fast for the first two rounds, both throwing lefts which seemed to connect at the same time. Hock seemed to have the bet-

## PHI KAPS, SOPHS TAKE FIRSTS IN SWIMMING MEET

With one of the most decisive victories that have ever been turned in in the intra-mural swimming meets, the Phi Kaps walked away with the cup by taking first place in every one of the events, along with three seconds and a third. Behind the Phi Kaps, who amassed a total of forty-eight points, came the Phi Pi's with ten points. Third and fourth were the Rho Deltas and the Pi Kaps, with eight and four points respectively.

In the other division, the inter-class, the sophomores piled up a total of thirteen points by winning both of the events run off. The seniors and freshmen tied for second place, each having six points.

Especially impressive of the performances turned in by the swimmers was that of Havlicek of the Phi Kaps. In easily winning both of his events, the 100 yard and the 200 yard crawls, he far out-distanced the field, especially in the latter event, when he came in with forty-four seconds to spare. Other Phi Kaps whose performances made such a decisive victory possible were L. Downing, in the back-stroke, and Maxant in the breast-stroke, each taking easy firsts in his respective events.

ter of the third round when he landed a few solid rights to the head. The decision was close and the judges couldn't agree at first. Palonis was finally awarded the bout and championship.

## Formal Application Will Be Sent to Little Nineteen Association Soon

Although Armour Tech was elected into the "Little Nineteen" at the meeting of the "Little Nineteen" Conference last December, official membership will not be realized until a formal written application has been sent in and approved by the membership committee.

As a result, no Techawk teams will compete during this school year in conference competition. Next fall, however, will see our teams in official conference competition and eligible for the championships which can be won. No championship team is selected in baseball or basketball except such as the newspapers may declare. However, in cross-country, outdoor and indoor track, tennis, golf, and swimming meets are held by the conference, and championships and medals are awarded. Wrestling and fencing are also considered for conference competition.

#### Must Enter Three Sports

Nothing definite has been decided yet as to what sports Armour will compete in, but it is likely that most, if not all of the above named competitions will have Armour as a participant. To retain membership in the conference it is necessary that a school compete in at least three sports.

A feature of conference membership which may receive widespread approval is the eligibility rules which must be observed. Each contestant must be carrying at least 12 credit hours of college work per week, be-

sides having received credit in this amount of work the previous semester. Each player's scholastic standing has to be ascertained periodically to show that he is passing in his studies. Work above passing for less than 12 credit hours makes a man ineligible until the next scholastic report which may be within a week, fortnight, or month. In the eighth semester of college, it is only necessary that enough subjects for graduation be carried.

#### Frosh Ineligible

No competition allowed after the eighth semester and in no more than four seasons of competition for one sport. Since freshmen are ineligible, this latter is only possible if a man leaves the school for a semester and then returns to his original school. One year's residence is required for eligibility. Participation in but one contest constitutes competition in a season.

The same eligibility rules pertaining to amateurism apply to the Little Nineteen as prevail in general in all amateur competition. The only important exception, however, is that "summer baseball" may be played in leagues other than those of organized baseball.

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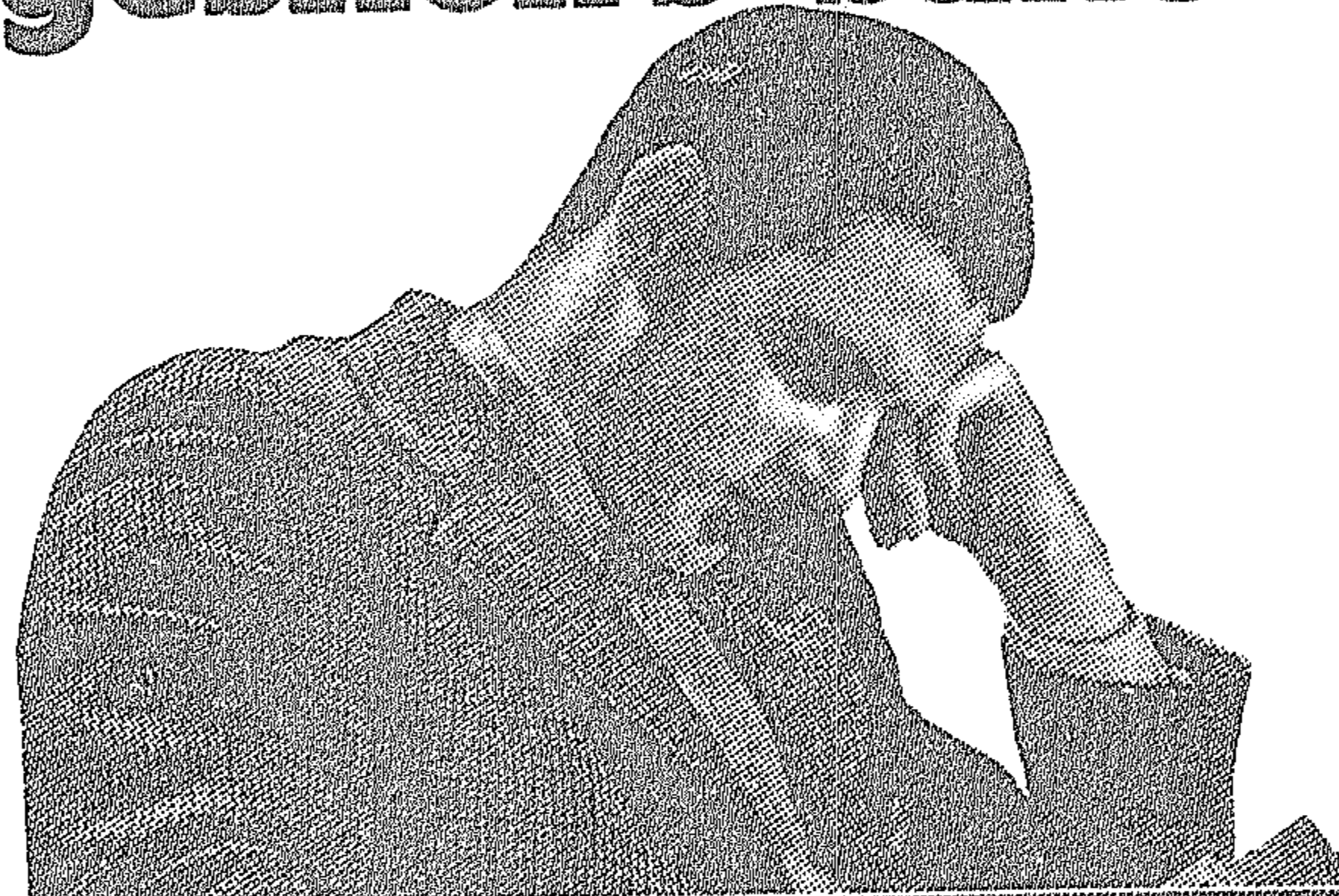
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OFTEN during a hard, tiring day, smokers pause to get a "lift" in energy with a Camel. And at mealtimes, Camels offer a helping hand to good digestion. They help you to enjoy your food more. And Camels increase the flow of digestive fluids—alkaline digestive fluids—so vital to a sense of well-being. Make every meal more zestful—more pleasant—by smoking Camels. With their matchless mildness, Camels are better for steady smoking.

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**BIG ASSIGNMENTS** (right) don't seem so hard with Camels! For Camels ease the strain, stimulate digestion, and add to your sense of well-being. Make Camels a regular part of your dining. Get a "lift" in energy with a Camel—they never get on your nerves, or tire your taste.



**CLAD IN ASBESTOS SUIT** (right), "Pat" Patton tackles a blazing oil-well—quickly gets the inferno under control. "Even after that I can tuck away a hearty meal—provided I have plenty of Camels handy," says "Pat," enjoying a hasty bite (above). "Smoking Camels helps keep my digestion in proper trim. I smoke mighty often. And Camel don't get on my nerves!"

**ALL-AMERICAN HOCKEY STAR.** Phil La Batte (below), says: "Good digestion and healthy nerves are 'musts' in this game. I smoke Camels—for digestion's sake—and because Camels never get on my nerves."



**RADIO'S NEW SMASH HIT!** "Jack Oakie's College"

Irrespressible Jack Oakie at his best. Also Benny Goodman's "Swing" Band, George Stoll's Concert Orchestra. Hollywood comedians and singing stars—and special college talent! Every Tuesday night—9:30 p.m. E. S. T., 8:30 p.m. C. S. T., 7:30 p.m. M. S. T., 6:30 p.m. P. S. T., over WABC—Columbia Network.

## COSTLIER TOBACCOS!

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By H. M. Ross

WITH THE eyes of the Western world on the effect of the Spanish Civil War to the peace of Europe, we are forgetting the less sensational but equally vital problems of the maintenance of peace in Central and Eastern Europe. Most troubled of the nations in Central Europe is little Czechoslovakia. Surrounded almost entirely by nations unfriendly towards her, she is bravely making a stand against the implied threats to her freedom. Along the Prague's main thoroughfares young men in khaki, sweating under the weight of heavy packs, on their way to home barracks from the annual maneuvers, straighten their packs, lift their chins and gaze steadily ahead. Along the length of the battalion the hobnails of their boots strike the cobblestones with a rhythmic ring. Though weary from a strenuous period of marching and trench digging, they march steadily through the lines of spectators.

THE CITIZENS of Prague watch this parade of young troops with anxious eyes. Would these young soldiers be able to meet an enemy on equal terms? That enemy—Hitler's provocative speeches and the expansionist program of the Third Reich leave no doubt about it—can be only one nation, Nazi Germany. As Berlin's military machine grows progressively more powerful and German agitation operates more boldly in the Teutonic districts of Bohemia, the Czechs face the threat inherent in the Third Reich's push to the East.

THE THOUGHTS in the minds of

FORMAL

(Continued from page one)  
the orchestras most popular in the eyes of the public are those that have a sound rhythm background for all arrangements played.  
Inaugurating a new idea in formal dances, a dinner will be available as an optional feature to those wishing it at the Junior Prom at the Drake Hotel on February 12. Stan Healy, social chairman, stated, "This plan is being presented in order to satisfy students desiring a formal dinner dance and those desiring a straight formal dance."  
Bids will be sold at three dollars per couple, while the price of dinner will be one dollar per person. Those desiring dinners should notify committee members of their intention when buying the bid, but the dinner charge will be paid to the waiters at the Drake Hotel.

the men and women who watch the passing infantry are voiced by a leading Czech journalist: "For three hundred years we lived under the tyranny of the Hapsburgs. Now scarcely eighteen years after the restoration of our independence, we are threatened by an even more powerful and ominous enemy. We are in danger of being forced to play the role in the next war that Belgium enacted in 1914. Perhaps it is the price we have to pay for living at the crossroads of the Continent. Certainly it is the price we have to pay for having neighbors like Hitler and his Nazis."

CZECHOSLOVAKIA is living anxious days and nights. The atmosphere of Prague bespeaks uneasiness. Every shift of the European diplomatic winds is recorded on the political weather vane there; every detonation of the Nazi-Soviet duel reverberates through this one-time capital of the ancient kingdom of

Fraternity Notes

PI KAPPA PHI

At the last meeting of the chapter the following men were elected as officers for the coming term:

- Harry F. Perlet—Archon.
- Robert A. Winblad—Treasurer.
- John F. Sturgeon—Secretary.
- Idris Thomas—Historian.
- George J. Svehla—Warden.
- Raymond A. Dodge—Chaplain.

We hear that Ed Searl, an alumnus, has lost his pin to a girl in St. Louis. Well, it's all right as long as he is connected with the Fire Insurance Rating Bureau at St. Louis.

Ray Dodge was arrested for speeding; and with his girl along too. He had to go to court and post a bond, visit the morgue, etc., etc.

Also sat through a green light at Randolph and State, his girl friend was still along.

Also he was reprimanded for speeding in Hinsdale. We recommend a 1907 Ford for Ray instead of a 1937 model.

Bohemia. When Hitler talks on expansion the Czechs know that he is casting greedy glances southward toward their territory.

THIS LIVING in the shadow of a powerful military dictatorship casts its dark outlines over Prague. It leaves its mark there. A visitor standing on the famous old Charles Bridge may look out over the towering heights of the Hradsany and see a squadron of tri-motored bombing planes. How out of keeping are such birds of prey with the peaceful "Rome of the North"? Yet how vividly the modern monsters droning in the sky typify the contrast between the forces of peace and the forces of destruction now struggling for mastery in troubled Europe.

DELTA TAU DELTA

As the semester draws to a close, the house has been changed into a quiet solitude of study.  
Ray Bacci was beaten soundly by Fred Engelthaler in the finals of the house ping pong tournament. Perhaps this defeat gave Bacci his fistful of fury as he took down the crown in the 147 lb. class in Armour's recent boxing tournament. The Delta basketball team will include in its line-up the stellar Bill Scherer from downstate. Parmenter and Winslow, the co-managers of the Delta sport activities, have great expectations in the coming inter-fraternity track meet.

PHI KAPPA SIGMA

The house wishes to congratulate the other fraternities on the campus for the competition shown in the swimming meet last Wednesday.

Our annual Splash Party has been postponed until after final examinations.

Plans are being made for the annual Pledge Dance, to be held on Feb. 6.

Members and guests enjoyed a radio party last Saturday night at the house.

PHI PI PHI

The Mothers club held a card and bunco party on Friday evening, January 8. There was a very good attendance and the affair was judged to be one of the most successful that has been held for quite some time.

We congratulate Phi Kappa Sigma on winning the swimming meet. Our own team, composed of Vandekieft, Dunbar, Johanson, Abbot and Forberg took second place. Congratulations follow!

Brother Johanson, the swimming architect, recently received another first mention, his second this semester. Nice work, Larry, but how about leaving some for the other poor ark.

Armour Boxers Victors in First Meet of Season

Defeat Team From U. of C. Settlement 6-0

Tech pugilists opened the season with a bang last Friday, Jan. 15, when they overwhelmingly defeated the University of Chicago Settlement team. Armour made a clean sweep of all six bouts by scoring with four decisions and two technical knockouts.

The first bout, an exhibition because of the difference in weights, was fought by Collins of Armour and Sachey of the settlement. The first official bout of the meet was between Winslow of Armour and T. Antosiak of Chicago. The bout went to Winslow on a decision. Calhoun, fighting his first fight, won a decision over Kacer.

The 135 pound match was a surprise bout that caught the spectators unaware. Allegretti, fighting for Armour, scored a technical knockout over M. Antosiak of Chicago in the first few seconds of the first round. Allegretti took the offensive at the outset and after landing a few lefts and rights, he stunned his opponent with a hard right to the jaw. The Chicago second threw in the towel to stop the fight. In the last bout of the meet, Stober of Armour jolted Oskvasek time and again with long lefts that left his opponent groggy. By the second round Oskvasek was showing

PLAYERS

(Continued from page one)  
and A. N. Schriber, business manager. The scenery will be designed and executed by Richard Lischer, graduate architectural student and past president of the Armour Players.

The Armour Players are planning an extensive program next semester. The new Players Club Room to the west of the stage will be completed for the opening of the new semester. It is of modern design with a brilliant color scheme and will be one of the most unusual and beautifully designed club rooms on the Armour Campus. With the opening of the Players Club Room the recently formed honorary dramatic organization will begin its formal activities.

At least two plays will be presented next semester by the Armour Players. One of the plays is being planned for presentation during Junior Week in May. The play may be given in the evening to permit the students to bring outside guests.

signs of weakening and by the end of the round he was continually sliding to the mat. One wild swing missed and he fell on his face as the bell rang for the end of the round. The fight was called at this point and Stober was awarded a technical knockout.

- SUMMARIES
- 125 lbs.—Winslow (A) beat T. Antosiak (C).—Decision.
  - 135 lbs.—Allegretti (A) beat M. Antosiak (C).—Technical knockout.
  - 147 lbs.—Moore (A) beat Burowski (C).—Decision.
  - 160 lbs.—Calhoun (A) beat Kacer (C).—Decision.
  - 175 lbs.—Stober (A) beat Oskvasek (C).—Technical knockout.

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