



## Colony Club Plays For Arx Dance at Edgewater Beach

### Michigan Room Selected For Gala Affair

After consideration as to the merits of the band, the Arx dance committee, headed by Ernest Mandel, has decided to engage the Colony Club orchestra for the night of October 21st. The place, as announced in last week's *Tech News*, is to be the Edgewater Beach Hotel. A definite decision as to which ballroom will be used has finally been reached, the choice being the Michigan room.

In order to induce a larger portion of the students to attend this year's Arx dance, the committee has spent considerably more money on music and surroundings than in previous years. The Colony Club, headed by Junie Griggs, is a ten piece organization which has gained considerable popularity by virtue of past performances at Northwestern and Chicago. The band is neither of the swing type, nor of the sweet variety, but is a combination of both. One of the features of the band is the variety of its numbers. Members of the band are able to "beat it out" in the best barrelhouse fashion, or turn around and pull off a purely sweet tune. Since there are people who prefer swing, and those who don't, it is felt that the Colony Club will be able to satisfy the desires of one and all who attend. To round out the program there will also be a vocalist to provide the finishing touches to the various musical numbers.

Sale of bids was started last Thursday. Bids may be purchased from any Architecture student or from the registrar's office. A few days before the 21st there will probably be a booth set up in the lobby to expedite late purchasers. Plans have not been definitely formulated, as to this, but are now in the offing. In any case, the cost for a full evening's enjoyment is set at only \$1.50. Any energetic student who wishes may get his bid gratis if he succeeds in selling as many as seven bids.

## 'Fight Against Typhoid' Theme Of Radio Talk

Under the sponsorship of A.I.T., and organized by A. P. Schreiber, the fifth educational series of radio broadcasts will present program number two next Saturday at 5:00 p.m. over station WCFL. The dramatic story of Ellis Chesbrough's heroic fight against typhoid, cholera, and mud, in the Chicago waterworks system will be presented.

Poison, as this program is called, depicts the desperate fight for sanitation of Chicago. It dramatizes the early history of Chicago in those terrible years of the epidemic of 1854 when people were dying by the thousands. It tells of the great part played by the engineer in making Chicago's drinking water sanitary.

The continuity was written and the play directed by Mr. Merrill Christophersen, who also directs the Armour player's group. Professional actors will take the five speaking parts in the play, namely: The Engineer, a Guest, Ellis Chesbrough, Council Member, and The Mayor. An announcer carries along the action of the play by interjecting the transition parts between the various scenes of the play.

Last Saturday, the first of the series, a program telling the story of the modern teletype, was presented. This program portrayed the Electrical engineer's part in modern civilization. Next week tribute will be paid to the Mechanical engineers in the dramatization of "Streamliners," the story of modern transportation.

## Chem Lab Gets Four Benches

Installation of the new laboratory benches in the Physical Chemistry laboratory last week marked the completion of the laboratory remodeling program started by the Chemical Engineering department last summer.

In the Chemical Engineering laboratory, a color scheme has been adopted for identification of the various pipes. All water pipes are painted green, steam pipes are red, and gas pipes are yellow. This system is expected to abate any uncertainty as to the identity of each pipe. The gas furnace and the gas absorption apparatus have been completely rebuilt by the seniors.

Four new work benches are being installed in the Physical Chemistry laboratory. The laboratory is being remodeled so as to provide a greater working efficiency. The benches, which have facilities for hot and cold running water, A. C. and D. C. current, and an air blast, are being installed at an estimated cost of \$2100. They were purchased from the H. M. Welch Scientific Company of Chicago. According to Mr. Griffin, the storekeeper, the new layout will accommodate approximately 150 more students than before.

Twenty-five thousand dollars worth of supplies and chemicals have been purchased by the Institute. A large number of semi-micro chemical outfits were bought for use in the second semester course in freshman chemistry. The students will no longer be required to waste their time waiting for their precipitates to separate from their solutions. This will now be done by the new centrifuges included in the supplies purchased by the Institute.

## A.S.M.E. Holds First Meeting

A meeting of the A. S. M. E. was held last Friday, to which prospective members were invited. The privileges of the members of the society and the advantages of being an active member of such an organization were pointed out to the visitors, and it is hoped that the membership will be boosted considerably in the next few weeks.

### Nachman Outlines Purposes

President Henriksen opened the meeting by introducing the other officers. Professor Nachman then gave a talk which outlined the purposes of the organization. He stressed the importance of the ability to speak well and to be able to sell one's self in addition to the ability to get good grades in school. Professor Nachman then told of the several awards offered to the members presenting the best papers on the subject, "The Economics of Investment in New Manufacturing Equipment."

Harry Sokup, who heads the committee responsible for the arrangement of the program for the coming year, revealed the program as far as it has been developed. At the next meeting, on Oct. 21st, the members will hear a lecture by Mr. Hubner of the Universal Oil Products Company. On Nov. 8, at 3:00 o'clock, the society will have the pleasure of hearing Mr. S. W. Wheelwright give a talk on the subject, "Polarized Light." The balance of the year's program will feature speakers from various companies, motion pictures of a steel mill in operation, and talks by student members.

### Huntly and Peebles Also Speak

Professor Huntly spoke briefly, pointing out the fact that the size of the Mechanical Engineering Department warrants a large membership in the society. He told of the advantages an engineer enjoyed if he had been active in school organizations and had learned to get along well with anyone he happened to meet.

Professors Roesch, Swineford, Winston, Libby, and Peebles were introduced and Professor Peebles gave a short talk encouraging the membership drive.

## Prof. McCormick Lectures on 'Jobs'

Professor H. H. McCormick, the guest speaker at the first meeting of the student chapter of the A. I. Ch. E., devoted his entire talk to the field of chemical engineering as a means of obtaining a livelihood. His topic included a general survey of the entire profession and a tabulation of the average salaries paid to men in the various divisions of this branch of engineering. On the whole, Professor McCormick's talk was very enlightening and gave the prospective engineers a comprehensive idea of to expect when they leave school.

No formal business was transacted at this meeting. However, a junior program committee and a sophomore representative will be elected at the next regular meeting. President Peltier announced that plans are now being laid to hold a smoker sometime before the end of the present year.

The officers stated that the society will follow a policy similar to that of last year. Students will be encouraged to take part in the programs and guest speakers will be invited to appear before the members at intervals.

## Juniors Deadlocked On Commission Plan

Members of the junior class held their first meeting of the year in Science hall last Wednesday to discuss the nomination and election of officers for the coming year. What at first seemed a routine meeting was turned into one of heated discussion and turmoil when the juniors discovered that they adopted the commission form of government.

It was finally agreed upon that, in view of the poor attendance and the lack of knowledge of the form of government adopted, the body would rescind its original motion and appoint a committee to study various forms of government. It will report its findings at a meeting to be held on Friday. Dan Shaver, president, urged that all class members attend this next meeting at which time the class would vote on its former motion to change the administrative body of the class.

## Commission Form Of Student Control Planned for Union

Completion of the Union in the week of November 1st was definitely promised by Prof. Moreton. This news came as a partial sedative to the members of the various classes who have been disappointed by the apparently slow moving work on the building. After the basic work, progress will be much more rapid in the next three weeks.

Prof. Moreton, who has direct charge of the work, said that one of the main purposes of the new student union is to broaden the social activities of the students. Having done a great deal of placement work, Prof. Moreton said that as a whole engineers are socially backward and that the engineer does not become readily assimilated in the social world after graduation. With the new Student Union he hopes that the students will have opportunities for social contacts that they have never had before.

A student commission will head the Union. The commission will have no connection with the A. T. S. A. The members will be appointed for the first term, but will be elected by the students, thereafter.

In remodeling the building the workmen found the structure much more stable than was expected. The foundation is considered superior to that of many modern buildings. Included in the new facilities will be a lounge and powder room for the ladies. It will be situated just off the auditorium. The capacity of the dining room will be increased to seat 260 students. New radiators are being installed which will be concealed in the walls.

## Open Election for Freshmen Officers Conducted Friday

Because their meeting ended up in a veritable riot a week ago last Friday, the freshman class met again this week up in the main building drafting room, to finish electing their temporary officers. Those that were elected last Friday are: R. Talcott, Secretary-Treasurer; E. R. Ther, Vice President; E. Huxhold, A.T.S.A. Representative; and an election committee of four men—R. Tatge, W. Umbright, T. Krupnik, and F. Kein, who are to take charge of the election of the permanent officers.

After several open ballots a week ago Friday, Glenn E. Backman was elected temporary president of the freshman class. Backman found it hard to hold order among a chaos of unorganized freshmen, most of whom had become uneasy because of all the counting during the previous voting. This growing uneasiness, augmented by several unnecessary motions, gradually gained force enough to result in a walkout.

Last Friday, however, they gathered with a new determination to accomplish something, which was vaguely, yet definitely noticeable from the start. The nominations for Secretary-Treasurer were R. Talcott, who was elected by a majority on the first ballot, R. Dunworth, E. Tarnowski, and W. Hasskarl. Two ballots were necessary to elect E. Huxhold A.T.S.A. Representative against E. Lidgard, F. Mickiewicz, and Bob Tatge. For the office of Vice President three ballots were needed, and the men were T. Krupnik, W. Umbright, R. Harper, and E. R. Ther, who was elected. All these were open ballots. The election committee was then formed from the four men who received the highest votes in a closed ballot.

## Dr. Olsen to Start Public Lectures Thursday With 'Aristotelian Dialectics'

Under the auspices of the graduate school, a series of lectures will be given by faculty members from time to time on fields of special interest or research. The lectures are free, and all who are interested are invited to attend them. They will be patterned after the system used at the Institute for Advanced Study, where lectures are given at will and attended at will. The lectures given here will be delivered in a manner so as to have an appeal to undergraduates as well as graduate students and faculty members.

Dr. E. J. Olsen will give the first group of lectures in room 217, Chapin Hall, at 11:30 A.M. on Thursdays. It will consist of four lectures of forty minutes each, which will be followed by a period for discussion.

The first lecture, entitled "Pre-Aristotelian Dialectics," will be given next Thursday, and will deal with the various methods of scientific inquiry exhibited by the Pre-Socratics (Parmenides, Protagoras, and Zeno) and Plato. It will also include a discussion of the relations between these dialectics and symbolic logic.

## Krathwohl to Address Education Fraternity

Dr. William C. Krathwohl will address the Nu Field chapter of Phi Delta Kappa, National Education Fraternity, on Tuesday, Oct. 18 at the Central Y.M.C.A. His subject will be "A Comparative Study of Students Entering Armour from Various Types of Chicago and Suburban Schools."

The organization, of which Dr. Krathwohl is member and secretary, is well known in the Chicago area for its work in the field of education. The theme decided upon by the organization for this year is "What Is Current in Education?" and the program for the year is designed to bring before the members the latest developments in the field of education.

## Senior Class Adopts Commission To Govern All Class Activities

### A.I.E.E. Plan Smoker And Picnic at Meeting

At the A.I.E.E. meeting Friday, it was decided to make an effort to contact sophomores and freshmen. The goal of the chapter is to attain a 100% enrollment among all electricals instead of only the senior class. Membership to date includes 100% of the senior electricals and over 80% of the juniors.

A. M. Zarem, president of the chapter, reported on the activities of the committees. A smoker and picnic are included in the social committee plans. The talks committee is contacting speakers while the movies committee is considering suitable entertainment for the group.

## F.P.E.S. Hears Parker Speak On Explosions

Last Friday the Fire Protection Engineering Society had the pleasure of hearing an address by Mr. Kent Parker of the Western Actuarial Bureau. Mr. Parker spoke on the subject of "Dust Explosion," and told of the industries which have dust hazards, as well as the means of reducing such hazard.

The speaker was introduced by the new president of the society, Paul Hoffman, who also announced that regular meetings are to be held every two weeks, as formerly done. Mr. Parker is an alumnus of Armour, and a former member of the F. P. E. S. He has had a large amount of experience in the field of dust explosions, and is a recognized authority on the subject.

Dust explosions, according to the speaker, are found most frequently in grain elevators. This is due, of course, to the fact that the grain, as it reaches the elevator, is covered with dust, and also that the hulls of the kernels are easily worn off into very fine particles by the friction between kernels as the grain is moved. Another industry, closely allied with grain elevators, in which dust hazard is found, is the milling of flour. Since flour is composed of carbohydrates and is readily combustible in the finely divided state, it requires special precautions in its handling.

Great care must be used to remove all foreign matter from the grain before it reaches the hammering drums, as any stray nails or stones may strike sparks and start the explosion. All dust which has lodged on window sills, rafters, or other surfaces must be carefully swept or vacuumed out. This is most important because this settled dust is disturbed by a first explosion and then produces a second, and more destructive, blast.

In closing his address, Mr. Parker discussed briefly the hazards involved in metallic dusts, such as aluminum or magnesium, and told of ventilating methods used to dispose of such dusts.

## Sophomores Elect K. Myers President by Wide Margin

Ken Myers was elected president of the sophomore class last Thursday by a wide margin. Votes for the presidential candidates were Myers 84, R. Zoellner 57, and L. Naum 24. The other new officers are: Vice President; F. Reh; Secretary, J. A. MacErlean; Treasurer, D. Knief; Social Chairman, Bud Murray; A. S. T. A. Representative, R. Sweeney.

Nominees were chosen this year by an election committee made up of one man from each department. At an assembly held Wednesday, candidates were announced, and Thursday morning the ballots were cast. In contrast to sophomore elections of previous years, this one was held in an orderly fashion, with only a few minor squabbles about vote counting.

A meeting will be called by the new president at an early date in which plans for the coming year will be presented and discussed.

## Two Representatives Selected from Each Department

Abolishing the usual procedure of electing class officers, the senior class has adopted the commission form of government which will insure equal representation of all departments.

Subject to the approval of the senior class, plans were submitted by the investigating committee, composed of A. M. Zarem, W. E. Kruse, H. Anthon, R. E. Dixon, J. Barale, N. Rice, W. Penn and R. B. Boertitz. The following three methods were presented: (1) each department to have one representative on the commission, (2) each department to have one representative for every twenty men, (3) each department to have two men on the commission. A decisive vote of 28 to 17 signified the approval of the class for the third method over the second.

For the following purposes, a definite method of procedure will be followed by the commission.

1. That the commission select its officers from its members and that they shall be chairman, vice-chairman, secretary and treasurer.
2. That by majority vote the commission shall select all committees from a list of volunteers for the position.
3. Each senior committee have at least one member of the commission on it.

4. That each committee be allowed to elect its own chairman, not necessarily on the commission.

5. Responsibility shall fall to the chairman of a committee for the activities of same.

6. Each department elect its own representatives.

Discussion of the status of the science students resulted in the common opinion that students of the science course are a separate department entitled to their own voice in class affairs. As a result, one member of that department is to be chosen for the commission in the near future, as are the members from the other six departments.

## Revive Dance Club For Coming Season; Stone to Instruct

In keeping with the present trend of broadening the social life here at Armour, the "Learn to Dance Club" is to be continued this year. Many of the students will remember the success that this club enjoyed last season and are eager to see its return.

With the completion of the Mission and the availability of the auditorium floor for dancing, the club should forge ahead and become a permanent social organization. This year the class is to split into two parts: those who do not know how to dance at all, and those who know how, but wish to improve. The instruction will be given by Dan Stone, a co-operative student who has had professional experience in dance teaching. Music is to be taken care of by Don Charlton and general arrangements are to be handled by "Dixie" Duncan.

This year there will be a concentrated effort to obtain plenty of lady friends for the engineers to dance with. Arrangements have been made to hold a get-together for everybody at least once a month, in addition to the regular class once each week. In this way a "social hour" can be built up here at A.I.T. similar to some of those which exist at several other middlewestern schools.

Authorities are all in agreement that social life at Armour is definitely lacking. In order to help alleviate this condition the remodeling program for the Mission was voted by an overwhelming majority. The "Learn to Dance Club" is the first attempt at making definite, constructive use of the new building, toward the end to which it was intended.