



Student Union Board Reveals Latest Plans

As the Pharaoh's used to say, "Many things have gone past the board." The literal counterpart of the board is the Student Union board. The "many things" are multifold; the more important of which were: First—A radio record filing cabinet to provide for the safe accessibility of the rapidly accumulating stock of records is to be secured in the near future. The board's policy of accepting phonograph records to the tune of five dollars as a payment or part payment for the use of the lounge for small parties and dances has blossomed forth with an excellent variety of records.

Important Questions

Second—Charges for the use of the auditorium, lounge, and lunchroom are to be fixed but the board will be open to appeals for reduction of these charges if a reduction is possible and if sufficient and adequate reason is given for a reduction to the group sponsoring the affair.

Third—The question of allowing classes to be held in any of the Union's rooms was brought up and it was definitely decided that classes could be held in either of the meeting rooms but only with permission of the board and only for such a period of time as the board shall grant. It is not to be understood that such a proposal was made to make difficult the obtaining of these rooms for instruction use, but merely to keep the appointing of these rooms in the hands of the Union board where it rightfully belongs.

Ping Pong Tables

And finally but most important to all ye ping pongers, is the proposition that one or two ping pong tables with necessary equipment be set up for student use in the East room of the Union. The chief purpose of this equipment is to promote and stimulate interest in indoor sports during the winter. Present plans provide for an intramural ping-pong tournament under Intramural Manager Opila's direction as soon as the tables are installed. Paddles and balls are to be checked in and out of the check (Continued on page four)

Trade Agreements Monograph to be Prepared by Larkin

Into a book to be released early next year, Professor J. D. Larkin will incorporate views on "Trade Agreements and the Democratic Processes". This monograph is being prepared for the Division on History and Economics, of the Carnegie Endowment for International Peace. In a world beset with constant commercial wars which lead to armed conflict, the Carnegie Endowment is trying to further those objectives which will induce freer international exchange of goods and services.

Economic Relations

While technologically the regions of the world are becoming more interdependent, political forces are operating to restrain cooperation between nations. Trade barriers of every conceivable sort are being set up by several countries to prevent neighboring countries from securing trade within their borders. This is a distinct contradiction of what the technical forces are working to accomplish. The conflicts which arise from this practice, lead to commercial wars, which in turn produce armed conflicts.

Hits Trade Pacts

The Trade Agreements Act of 1934, which was designed to bring about better trade relations, was originally adopted for a three year period. In 1937 the act was renewed for another three years. Unless Congress again renews it before June 12, 1940, it will expire. Critics of this plan hold that the act is unconstitutional in that it delegates too much powers to the President, and that the trade agreements are in reality treaties which should be subject to ratification by two thirds of the Senate. In short, the claim is made that the trade agreement process is not in accord with our accepted democratic system. Professor Larkin's monograph will treat this subject thoroughly, giving a description of the procedure used in making the trade agreements and discussing fully the question of their constitutionality.

The task was assigned to Dr. Larkin because of his previous work in connection with this phase of public law and policy.

Valentines Day in November



Slug: "Well, pal, it looks like we're going to catch it in the neck this time."

Dr. Sadowsky Speaks Before Math Meeting

Better methods of teaching mathematics were discussed by Dr. Michael A. Sadowsky of Armour Institute as the featured speaker at the meeting of the mathematics section of the Illinois Association of Junior Colleges at Northwestern University last Saturday morning.

Use of Absolute Values

Covering a subject of particular interest to educators, Dr. Sadowsky's talk was entitled "The Use of the Absolute Value in Analytical Geometry." Mr. Sadowsky has been concerned for some time about the trouble some students of analytical geometry find in using formulas such as that for finding the distance between two points. Certain arrangements of the terms cause the answers to come out as imaginary numbers. Proper understanding would eliminate this trouble, however. Dr. Sadowsky believes that these misunderstandings occur usually because teachers do not distinguish sufficiently between a quantity and its absolute value. By the absolute value is meant the numerical value of a quantity, as for instance, 2 is the absolute value of the quantity (-2).

In addition to this particular phase, Mr. Sadowsky has, by means of absolute values, been able to derive equations of polygons where the sides have finite length. Up to this time, polygons have been represented only by equations that showed them as having sides of infinite length.

Before Distinguished Group

Dr. Sadowsky spoke before a very distinguished body of mathematicians composed of educators and students from all over the state. The general meetings of the Illinois Association of Junior Colleges was attended by from two to three thousand people. After the general assembly, those in attendance broke up into smaller groups which covered every possible phase of education.

Complementing the mathematics program was a panel discussion of "The First Year of Math in the Two Year Junior College." The leaders in this discussion were Dr. David R. Curtis, Northwestern University; Dr. Gilbert A. Bliss, University of Chicago; and Dr. Joel S. Georges, Wright Junior College. All interested in this topic were invited to voice their opinions freely.

NOTICE

Due to the Thanksgiving holidays there will be no issue of the TECH NEWS next week.

Interhonorary to Aid In Open House

Two new and one old member were taken in to the interhonorary council at their meeting last Friday. Eta Kappa Nu, electrical honorary which dropped out last year and re-entered Friday afternoon, the Players Guild, dramatics honorary, and Rho Epsilon, radio honorary complete the new additions to the council this year.

Armour's inter-honorary council is composed of the presidents of all the honorary fraternities on campus. More proficient cooperation between the honoraries is the aim of council.

Work On Open House

With a more complete representation, the council plans to help promote Armour Open House. The idea is to give all the organizations a part in Open House this year. Duplications in exhibits will be eliminated by the councils double-checking plans of their members exhibitions and reporting any duplication.

Open house will run two days instead of the one day period of former years because of the large crowds that have been attending. Dividing the period into two days will enable the spectators to view the exhibits more comfortably and the exhibitors more chance to demonstrate a variety of subject matter. Crowds of around five thousand have been attending the demonstrations in the last few years.

As Open House is becoming more important year by year, the council feels that help will be needed and expects to be able with its representative membership of top men in school to really give some welcome help.

Banquet in January

Another important event taken up by the meeting was to schedule a banquet in January. The last few years a banquet had been given in the Swedish Club of Chicago, where the smorgasbord is so popular and all indications show that there will be a banquet at the Swedish Club in January.

Nine Men Pledged By Pi Tau Sigma

Pi Tau Sigma, honorary mechanical engineering fraternity, pledged nine men last Friday. The men who were pledged are: Leo Stoolman and Carl Anderson, Juniors; E. T. Minieka, Charles Eulo, and Ralph Erisman, seniors; and David Whittingham, S. W. Meyers, Michael Larinoff and Paul Beckman, Co-ops.

The pledging was held in the Rho Delta Rho fraternity rooms. Refreshments were served after the ceremonies.

Chosen primarily because of their high scholarship, the men were also selected for their active participation in extra-curricular activities. Pledge duties will begin this week.

Seniors Approve Appointments on Group Activity Committees

Brothers Slug and Sludge McTechawk To Join the Staff

"Introducing, in this corner, the next champ of Armour Tech; ladies and gentlemen—Slug McTechawk!"

Yes, fellows, for a long time we have been called wolves, wolves, and more wolves. However, as you and I



and we all know, this is a misnomer. We stand firmly by the nickname that our school has carried through the years—Techawks. Just to show you what a Techawk really looks like, we enclose the above snapshot of one of the family, Slug McTechawk. You'll be seeing more of Slug, the hero of the family, and soon you will meet his brother, Sludge McTechawk, whose viscosity is about the equal to that of molasses on a cold day. Here's hoping you'll like them.

Musical Fraternity Pledges Eight Men

Eight men were pledged to Pi Nu Epsilon, Armour's honorary musical fraternity during a combined rehearsal of the musical clubs last Tuesday afternoon. The rehearsal, second of its kind this year, was for the purpose of perfecting important musical numbers to be rendered jointly by the glee club and orchestra in forthcoming concerts.

List of Pledges

The men pledged are: Robert Scott, member of the glee club, vice president of the glee club, Moorman Balis, member of the glee club, manager of the musical clubs, Frank Slavin, member of the glee club, president of the glee club, Paul Foss, member of the glee club, manager of the glee club, James Murray, member of the glee club, secretary-treasurer of the glee club, Elmer Ratzel, string bass and tuba soloist in the orchestra, Ralph Segner, Drum soloist in the orchestra, and Ted Gromak, guitar soloist in the orchestra.

Candidates are chosen principally for their faithfulness and interest in the musical organization. In addition, musical ability is the primary requisite for election to the fraternity. Pi Nu Epsilon has as its goal the furthering and bettering of the musical standards at Armour.

Public Interest In School Grows

Public interest in Armour is expanding rapidly. In the past few weeks Armour has been invited to send representatives to meetings of the McHenry County Firemen's Association, the Evanston Hi-Y Club, New Trier, Sullivan, and Elgin High Schools, the Harvey Rotary Club, the Mundelein Lions Club, the Chicago Fire Insurance Examiners' Club Dinner, and Glenbard High School.

"The Institute feels that it is particularly important that we keep in touch with the faculties and with the upper classes in high schools, particularly those in the Chicago Area," said Professor J. B. Finnegan, discussing the system developed by Professor C. E. Paul. "Some years ago Mr. Paul developed a regular plan by which members of our faculty visit all high schools in Cook County once or twice during the school year," explained Mr. Finnegan, who has continued to operate the plan these last three years.

Select Dance Date for Friday, December 15

Within a week the entire group of Senior committees have been appointed and approved by the class officers and the class. This is practically a record for any similar class appointments or class approval.

Social activities for the senior class were given a boost last Friday when social chairman Gene Worcester stated that arrangements have been made to hold the first of the senior dances on December 15.

Operating as a Christmas party, the dance will be held either in the Gold Room of the Congress or the newly decorated main ballroom of the Lake Shore Athletic club. No orchestra has been decided upon as yet. Pecuniary damages are set at \$150.

Curriculum Committee

The committees consist of the usual six committees—Jewelry, Commencement, Cap & Gown, Announcement, Photography, and Social committees. Besides these, a Curriculum Advisory committee shall be appointed for the purpose of obtaining and presenting senior student opinion as to classes to the Faculty Curriculum committee. This is the first time in the history of Armour that such a committee has been appointed. The seniors hope that their four years experience be used constructively for the future benefit of both students and faculty. Student suggestions and opinions are to cover such things as possible future courses, changes in present courses, changes in course sequences, and methods of teaching. The present members on this committee include T. A. Hunter, A. G. Hansen, and J. D. Charlton. Three more members are to be selected.

Committee Men

The other committees are as follows:

Jewelry committee: R. F. Erisman, chairman; D. H. Sunde, A. F. Veras, G. H. Jaedtko, Wm. G. Hutton, J. Fahey, and A. G. Hansen.

Commencement committee: F. A. Opila, chairman; A. Winkler, H. F. Newman, R. J. Collopy, J. G. Hartman, J. R. Gerhardt, and J. G. Cernovski.

Cap & Gown committee: G. F. Frost, chairman; L. S. Epstein, F. A. Lasker, M. Camras, H. Sher, G. E. Damm, and Wm. H. Mashinter.

Announcement committee: S. A. Heenan, chairman; F. E. Slavin, R. H. Wagner, Wm. F. Yeager, E. J. Kalnin, E. H. Horn, and T. A. Hunter.

Photography committee: E. H. Worcester, chairman; R. F. Grunwald, J. C. Fiebig, W. D. Horton, and J. G. Flood.

Social committee: E. H. Worcester, chairman; H. Doolittle, J. A. Clark, D. J. Mackey, C. M. toelser, F. H. Prather, and V. J. Hassell.

Dynamo Lab Gets New Transformer

Prof. E. H. Freeman announced the arrival, this week, of a new piece of equipment to be installed in the dynamo laboratory. The apparatus, a 30,000 volt low current testing transformer, was donated to the Institute by W. F. Parker class of '05.

The transformer, which is to be used for testing cooling oils and insulating materials, was constructed by the standard Transformer Company of Warren, Ohio, with which Mr. Parker is connected in an executive capacity. It is interesting to note that one of the transformers now in use in the electrical department was constructed by Mr. Parker when he was a student at the Institute.

"Whatteth Did John Sayeth to Priscilla?" Reporter Rips Veil of Secrecy from Past

By Art Hansen

Pushing on the brake pedal with all our might, the trusty V-8 squeals to a thundering stop in front of Dr. Fandero Borunsky's old and gloomy laboratory, located near the river, the ugliest and toughest part of town. Fog hangs thickly everywhere and sinister shadows lurk in various nooks and crannies as we jump out of the car hurriedly and dash up the thirteen front steps. We stop abruptly and pound heavily on the front door. After about five minutes of this, the door opens cautiously and an old and shaggy head appears. "Dr. Borunsky in?" we ask hurriedly, as we edge the door open with our foot. "I will see," says the old man as he admits us with a sour look. "Step this way."

Shades of Buck Rogers

We find ourselves in a very dimly lit reception room, and after several minutes the old man comes back. "Dr. Borunsky will see you, heh, heh." Not becoming afraid by those words, because we couldn't be afraid of anything after having taken those terror quizzes at Armour, we enter the main laboratory. Stuff is boiling in huge retorts, fumes hang thickly in the air, strange hookups of chemical and mechanical apparatus has us awed. "Good evening, Dr. Livingstone, I presume," Dr. Borunsky says with a cockeyed smile. He, too, looks quite old, is almost bent over double probably with rheumatism or cricks in the back, and his face is as wrinkled as a dried peach, and about the same color.

"No, not Dr. Livingstone, we're sorry to say. We represent the press. We have a vital problem facing us and thought perhaps you could help us out."

"Ah, vital problems are my specialty, nothing is too difficult for me to solve," boasts the doctor as he takes a squint at some concoction that he is brewing in an electric furnace. "Hm-m-m-m. 5500 degrees Fahrenheit. The solution should be about ready," he muses as he observes how this process is coming along, "and what is your problem?"

There Is a Reason

"Well, it's like this. The Thanksgiving issue of the newspaper comes out in a day or so, and as a special feature, we would like to get some first hand information about the first Thanksgiving. Hence, we desire to be projected into the past for a short time, and observe for ourselves this gala occasion."

"Ah, I see," muses the doctor, thoughtfully. "You don't believe in reading historical accounts. You're a typical reporter from Missouri. You have to be shown. Very well, I believe we can arrange it right away." With these words, the doctor moves very swiftly to a small cone shaped object, large enough for several persons to fit into it. Leading from this apparatus are numerous tubes and gauges. Working swiftly, he turns some large valves, adjusts things here and there, and motions to us.

With a Twist of the Wrist

"Please climb in, and quickly. You have no time to lose." As we climb in he flips a switch, a loud hum is heard, and a vapor seems to envelope the inside of the container. He slams the door shut after us, we get very dizzy, things get black, there is a mad drone in our ears, and then a heavy thud. We awake and find ourselves sitting beside our V-8 in what appears to be a different time and place. (Continued on page three)