



IMPROVEMENT OF E. E. ROOMS AND LABS CONTINUES

Professor D. P. Moreton Directs Equipment Changes

INSTALL NEW LIGHTS

Of late the equipment and premises of the electrical engineering department have been undergoing a renovating process which promises to make these the show places of Armour Institute.

A new lease on life was recently granted to the display on the second floor, these having been scrubbed with steel wool and refinished after the necessary repairs had been made, so that now their polished and cheerful appearance is an asset instead of an aesthetic liability.

Under the supervision of Professor D. P. Moreton, a new set of lighting fixtures has been installed in the Electrical Lecture Room, replacing the set of test fixtures which were hitherto in use and which were of rather obsolete design. The new system consists of four semi-indirect, three hundred watt, single lamp units suspended by chains from the ceiling in the same places previously occupied by the combined direct and semi indirect fixtures.

Intensity of illumination on the blackboards has been considerably increased and will no doubt be appreciated by the evening classes.

Provision has also been made for remote control of the system from that corner of the room in which the projection machine is placed, thus centralizing the requisite switching at a point convenient to the operator and obviating the necessity for passing out instructions when a change of light is needed.

Similar lights have been recently installed in Science Hall, six in number to be exact. Each one contains a five hundred watt lamp, a size which was found best suited to this part of the building.

Paint is now being applied in the Electrical Lecture Room with a lavish hand and the decorative scheme will be such that it will harmonize with the laboratory on the second floor, namely a buff ceiling and upper wall, with a brown lower wall. This decoration replaces the calcimine interiors which were previously used on this and other rooms in the main building.

All additions to existing wiring in this room have been such that no conduit is in evidence, a feature which makes improved appearance.

Initiates Announced By Alpha Chi Sigma

At a banquet held last Wednesday Alpha Chi Sigma initiated the following men:

- L. A. Kramer, '28.
- A. T. Martin, '30.
- A. H. Johannisson, '33.
- S. E. Winegar, '33.
- P. Bestler, '33.
- A. M. Ream, '33.

Professor Tibbals spoke on "The Value of Post-graduate Work." In his talk, he stressed the fact that because of the prevalent employment depression and "hard-times," some of us are given the opportunity to study post-graduate work.

The next speaker of the evening was Mr. R. E. Zinn of the Victor Chemical Works. He told the attendants that it is essential for the young chemical engineer to become acquainted with Control Work, and after a period of time, one has the choice of four fields (1) 'Control,' (2) 'Production,' (3) 'Research and (4) 'Sales'. Alpha Chi Sigma, being a professional chemical fraternity seeks to acquaint its members with the economic view of industrial chemistry.

Make Plans for Junior Formal

Climaxing a year brilliant with achievements, the social lions of the Junior class will blossom forth Friday, May 22, at the Knickerbocker Hotel to the strains of one of the best dance bands in the country. As a fitting finish to the fun and active competition of Junior week, the one hundred couples will partake in the final social event for the year.

As has always been the case, the class of 1932 has chosen tastefully and it is believed that the Oriental room will please even the most cynical. Chairman Casey has not definitely chosen the band but has narrowed the field down to three choices and the NEWS will soon know and print the name of the selected orchestra.

An excellent menu is promised and will be served at midnight. One of the features of the room is the unique way in which the orchestra stand is built. The walls behind it are curved to successfully disperse the sound.

Bids for the dance are \$8.50 and can be secured from Chairman J. J. Casey or members of the committee who are: J. E. Bryant, J. B. Dirckers, O. G. Linnell, G. W. Schodde.

As the dance will be limited to one hundred couples, men desiring to attend are urged to place a reservation with Chairman Casey or committee members.

Walter Hallstein '14 Heads Association

News has been received that Walter H. Hallstein, C. E., '14 has recently been elected president of the "Purchasing Agents Association of Chicago." Mr. Hallstein is employed in the capacity of Treasurer, Director and Purchasing Agent by the Ilg Electric Ventilating Company of Chicago.

After graduating from Armour, Mr. Hallstein worked in the Engineering Department of the City of Chicago for two years. In 1916 he became a salesman for the Ilg Company. In 1917 he was placed in charge of the newly organized centralized purchasing department where he was very successful. In 1928 Mr. Hallstein was selected as treasurer of the Ilg Company and now has received the office of President.

In Which Sophomore Electricals Deprive a Brother of His Pride

The first sign of Armour's participation in the annual "Clean Up" week was seen in the locker room just outside the gymnasium last Thursday morning. But the mere facts of this case will not be sufficient to show the efforts that were put forth by the civic-minded electricals.

As might well be expected, the smartest man in the sophomore class was the instigator of the plan. But this man, Juvinall, was ably supported by Eberth, Dumsler, Clanton, Dufour, and three other men who for various and sundry reasons refused to divulge their identities.

For two months a certain breeding place for all sorts of germs, microbes, and other animals that multiply in privacy was watched by the aforementioned eight good men and true. At first they noticed only an unclean looking atmosphere about the upper lip, later a fuzzy, furry growth, and finally, thirty-one straggling, unkempt hairs.

But Wilson (Donald Gordon, if anyone doubts who is meant) by stretching his imagination from zero to infinity, stroked his forefinger first on one side and then on the other. In fact this stroking became a living source of annoyance and amusement to Professor Bibb. But here comes the clean up.

In the altruistic fashion of noble engineers, the acquaintances of the

Lives Endangered By Parked Autos

The *Armour Tech News* has recently completed a survey to determine the possibility of bettering the parking conditions in the immediate vicinity of the school. With the coming of warmer weather, the students will be outside much of the time and will be crossing the streets frequently. When cars are parked on one or both sides of the streets, it is impossible for a pedestrian to see oncoming traffic until he is well out into the street.

As everyone knows, both sides of Federal street from Thirty-third street to Chapin Hall and at least one side of Thirty-third street from Mission to the Rock Island tracks are lined with parked cars every day, from morning until afternoon. With such congested parking conditions, it was feared that accidents would occur when students run from one building to another, their view of traffic being cut off by the numerous parked cars.

The worst danger spot of all is on Thirty-third street at the crossing from the main building to Machinery Hall.

The *News* found that all the cars parked in the vicinity of the school could be accommodated in the parking field south of the main building. If this space were used for its assigned purpose all danger to pedestrians would be obviated.

Although as yet nothing has been said by the school authorities, it is quite possible that unless the students themselves correct this fault, the officers of administration may see fit to enforce some such procedure.

Musical Fraternity Pledges Seven Men

Pi Nu Epsilon, honorary musical fraternity, held a smoker Thursday evening, April 16, for prospective candidates. The pledging ceremony took place Thursday, April 23, at the Tau Beta Pi Rooms.

The list of pledges is headed by Dr. Howard M. Raymond, president of the Institute. The following students were also chosen to wear the pledge ribbon:

- L. J. Ferguson, Ch.E., '31.
- E. W. Carlton, E.E., '32.
- W. H. Hornberger, C.E., '32.
- T. A. McGill, E.E., '32.
- J. E. Walker, M.E., '32.
- A. H. Weston, E.E., '32.

Purdue Meeting Attended by Two Faculty Members

Last week Professor Moreton and Professor Peebles visited Purdue University, as representatives of the Armour Institute of Technology, for the purpose of attending the Management and Personnel Conference which is held each year under the auspices of the University. The purpose of this conference is to secure a better understanding and closer cooperation between the educational institutions and the industries of the state of Indiana. Although Armour is outside of their state, nevertheless, they extended to us an invitation to have representatives present.

The speakers at the conference were men connected with Purdue University and other educational institutions of Indiana, and representatives of Indiana industry. The speakers who represented the educational institutions told of the work they are doing to train students for industry. In Purdue and other universities of the state much attention is given to personnel studies and vocational direction among the students. Their effort is to have every man preparing for the work which he can do best so as to reduce lost time after graduation. Through a careful study of the personality and aptitude of each student they can often guide him into the work for which he is best suited. Purdue believes strongly in this work as a part of their under-graduate preparation.

The men who spoke for Indiana industry stated that they are interested in the preparation for industry which the students get in the universities. They are willing to employ just as many of these graduates as possible and also offer summer employment to faculty members and under-graduates.

(Continued to page 3)

Juvinall Is Awarded Eta Kappa Nu Prize

James W. Juvinall, with a paper on "Sunspots and Radio," has won the Eta Kappa Nu essay contest. Honorable mention is accorded S. J. Jeffery's "Television in Natural Colors," and "Direct Current Watt-Hour Meters" by M. L. Priban. All three were marked by original treatment and quality of presentation, which, according to the judges, made necessary a thorough consideration.

Every year Eta Kappa Nu sponsors this competition among the sophomore electricals to promote interest in extra-curricular study and investigation of some electrical subject. The prize for the winning essay is a copy of the "Standard Handbook for Electrical Engineers." This will be presented to Juvinall in the near future.

Promotions Are Made In Tech News Staff

In accordance with the systematic plan for writing copy for the *Armour Tech News*, which was installed at the beginning of the semester, the following promotions have been made:

- L. G. Wilkie, C. E., '32, Copy Editor.
- J. B. Dirckers, F.P.E., '32, Assistant.
- J. W. Juvinall, E.E., '32, Assistant.

A. I. E. E. Members See Films Friday

Due to a mistake in shipment, the films which were to be shown to the members of the A. I. E. E. last week will be run this Friday at 10:30 in Room D. Mission.

"Single Ridge" is the title of the moving picture which deals with the processes of copper wire manufacture, the drawing of the wire and the application of the insulation. The Okonite Wire Company is furnishing the films.

Honoraries Hold Dance on Friday

Final arrangements have been made by the representatives of the various organizations sponsoring the Inter-honorary dance, and according to latest rumors its success is very evident.

The dance, which is an annual affair, will be held at the Town club of the Knickerbocker Hotel on Friday, May 1. Bob Woodruff's collegiate orchestra of nine pieces will furnish the music. The bids are \$2.50.

According to F. B. Attwood, a member of the committee, some seventy-five couples are expected to attend the dance. This is a very large number for this event, and in all probability will exceed the attendance of last year.

The honorary organizations active in promoting the dance are: Tau Beta Pi, Chi Epsilon, Pi Nu Epsilon, Pi Tau Sigma, Phi Lambda Upsilon, Eta Kappa Nu, Honor "A", Sphinx, and Salamander.

Pledge Candidates Chosen by Sphinx

Last Wednesday night, thirteen men were pledged to Sphinx, Honorary Literary fraternity, at a smoker held at the Phi Kappa Sigma House. Each year Sphinx recognizes the men who have done outstanding work for the *Armour* publications and strives to reward them. The men chosen held various positions on the *News*, *Cycle* and *Engineer* and were eligible. Following the pledging the men played cards, and indulged freely in smokes, sandwiches, and ice cream.

- M. R. Beal, F. P. E.
- E. W. Carlton, E. E.
- J. J. Casey, C. E.
- F. D. Chapman, Arch.
- H. R. Davis, M. E.
- M. Fagen, E. E.
- J. R. Jackson, Jr., F. P. E.
- C. J. Jens, F. P. E.
- J. S. McCall, M. E.
- H. P. Richter, C. E.
- W. H. Rudolf, C. E.
- M. J. Schinke, E. E.
- G. W. Schodde, F. P. E.

DR. SCHERGER SPEAKS

Dr. Scherger spoke at the Kiwanis Club in Morgan Park last week. He also presented a talk to a women's club in the loop.

Calendar

Tuesday, April 28	
4:00 P. M.	Track — "Y" College vs. Armour at "Y" College.
4:30 P. M.	Orchestra Practice.
Wednesday, April 29	
5:00 P. M.	Glee Club Rehearsal. (Instead of Thursday)
5:00 P. M.	Interfraternity Baseball; Semi Finals.
Thursday, April 30	
3:00 P. M.	Baseball, Armour at Lake Forest.
5:00 P. M.	Chemical Orchestra practice.
Friday, May 1	
10:30 A. M.	F. P. E. Society; Science Hall.
10:30 A. M.	A. I. E. E. Motion Pictures on Copper Manufacture; D. Mission.
7:30 P. M.	A. C. S. Monthly Meeting. (City Club)
9:00 P. M.	Interhonorary Dance, (Knickerbocker Hotel)
Saturday, May 2	
8:30 A. M.	Golf, Faculty vs. Varsity at Evergreen Golf Course.
2:30 P. M.	Track — Second Annual Armour Outdoor Invitational at Stagg Field.
3:00 P. M.	Tennis—Armour at Lake Forest.
3:00 P. M.	Baseball—Armour at North Central.

A. I. T. ARCHITECTS AWARDED HIGHEST HONORS IN DESIGN

Four Armour Men Take First Three Big Prizes

700 WERE ENTERED

Three prizes, two thousand, one thousand and five hundred dollars, were won by Armour men in an international architectural design contest held recently in which 200 European and 500 American architects competed.

Eugene Voita, A. I. T., '25 of 837 North Lorel Avenue won first prize. The second was awarded to Charles M. Goldman, '31 and Dave Chapman, '32 who submitted a drawing which they produced in collaboration. Howard W. Vader, Armour, '16 won the third place.

The contest, in which the problem was the design of an aesthetic water tower, was sponsored by the Chicago Bridge and Iron Works, and the judges were Mr. Cheney, president of that company, and Mr. Zimmerman of Zimmerman, Saxe, and Zimmerman, 430 North Michigan Avenue Avenue, where the drawings are now being exhibited.

Voita, the first prize winner is a night school instructor at the Art Institute and a day instructor at the Burnham Public School. He is a member of Scarab, professional architectural fraternity.

Goldman and Chapman who appropriated the second award, in a final burst of speed to have the exhibit ready for competition, worked seventy-two consecutive hours without sleep in perfecting the design. Chapman recently won a \$100 cash prize in the Passavant Hospital contest. Dave expects to use his \$500 for further study in Europe. Goldman has also won several awards or his work at the Art Institute.

Howard W. Vader, who is now richer by \$500 lives in Ravinia, Illinois. He is associated with Holabird and Root of Chicago. Vader is a member of Scarab, professional architectural fraternity.

Glee Club Rehearses For Spring Concert

The weekly rehearsal of the Glee Club will be on Wednesday at 5 o'clock this week, instead of on Thursday because Dr. Protheroe will be conducting a concert on Thursday.

Tentative plans for the Annual Spring Concert by the Glee Club have been made. "The Song of the Western Men" by Dr. Daniel Protheroe is the latest addition to the program.

Dr. Protheroe's Welsh Male Choir is giving a concert at Orchestra Hall on May 5. Tickets will be available at the reduced rate of 75c if a sufficient number subscribe. Those interested in the concert should see John Walker, president of the Glee Club for further particulars.

The Chemical Orchestra which usually meets on Wednesday at 5 o'clock will meet on Thursday instead.

W. W. Meissel, Speaker At F. P. E. S. Meeting

Casualty insurance will be the subject of a talk by Mr. W. W. Meissel at the F. P. E. S. meeting to be held on Friday, May 1, at 10:30, in Science Hall. Mr. Meissel will not only discuss the general character of casualty insurance, but he will also touch briefly on bond insurance, workmen's compensation insurance, and compare the rating methods of casualty to fire insurance. This is in compliance with the program set by the F. P. E. S. to secure able speakers for all branches of insurance.