

Radio Engineering Students Operate Undergraduate IRE

The student branch of the Institute of Radio Engineers was formally organized at IIT in the spring semester of 1945. All students are eligible to join the IRE upon payment of dues. The purpose of the branch is to bring together the students who are interested in radio engineering and acquaint them with the activities of the national society and also give them experience in carrying on the business of the group. This includes organizing meetings, presenting papers and hearing speakers from and arranging trips to industrial radio corporations in Chicago.

Some of the speakers during the past year were: W. R. Swinyard, chief engineer of the Hazeltine Corporation; L. E. Packard, Chicago representative of the General Radio Company; Cullen Moore, senior engineer of the Galvin Manufacturing Company; Kenneth Jarvis, consultant engineer; and A. H. Pendleton, patent attorney, member of the firm of Thiess, Olson, and Mecklenburger. It is indicated that the plans for this term include the continuation of all of the above activities together with a joint meeting of the chapter at Northwestern University.

The Institute of Radio Engineers was formed in 1912 through the amalgamation of the Society of Wireless Telegraph Engineers and the Wireless Institute.

Wisconsin Firm to Make Armour Wire Recorder

The Thomas B. Gibbs Division of the George W. Borg Corporation, Delavan, Wisconsin, has been granted a license to manufacture Armour magnetic wire sound recorders and reproducers by the Armour Research Foundation of Illinois Institute of Technology, it was announced recently.

Licensing negotiations on behalf of the Foundation were handled by the Wire Recorder Development Corporation, 135 South LaSalle St., Chicago, which is in charge of the entire licensing program.

The Gibbs Division of the George W. Borg Corporation is a leading manufacturer of electronic devices, automotive clocks, various types of clock and watch regulation devices, X-Ray equipment, and small motors.

Girls of Organic Lab Sponsor Party

The walls of the organic chemistry lab rang with an unusual sound on Tues., Feb. 19. The clinking of silverware, rattle of dishes, licking of chops, and merry laughter replaced the usual flasks, thermometers, lovely odors, and the worried faces normally encountered in that room.

A tea, no less, given by the eight girls of the chemistry 206 class for their classmates, was being carried out in elegant style among the lab tables and sinks. Tea and coffee were served, and food was brought from home by each of the girls, most of them baked by the girls themselves—just to prove that career women can cook. Cupcakes, marble cake, fudge cake, gingerbread, and melt-in-the-mouth oatmeal cookies were only a few of the dainties prepared for the occasion. And what did Dr. B. B. Freud say to all this? Well, it actually was his own idea. He said his wife "hooked" him that way.

Larson Chosen to Lead AICHE Next Semester

The Beta Chapter of AICHE elected officers at a recent meeting. The new officers are: president, Marv Larson, vice-president and secretary, Ed Ganger! and treasurer, Jerry Kanter.

Marv Larson stated that for activities for next semester outstanding men from industry would be invited as speakers and other interesting features would be included.

New Dept. Head



NEW PROFESSOR—Dr. Pierce Davis assumed the duties of chairman of the Business and Economics department on March 1.

All Tech Students Are Invited to Take Advantage of Link

Students who are social strangers in this city are invited to take advantage of the files on prospective dates, a service of the Link Date Bureau.

The "Link" has on file the names of over 125 girls from surrounding colleges such as Chicago, George Williams, Mundelein, etc. The Link has a system of crossfiling as to the girl's age, height, complexion, tastes, and such important details, so that the student seeking a date may find one fulfilling his qualifications.

The Link has been in operation for over two years with Mrs. Anna Orecutt as faculty advisor. At present, the Link is under the direction of "Howie" Johnson, Ed Arends, and Roland Fischer.

The Link office is at the southeast corner of the auditorium in the Student Union Building. A schedule listing the periods that the office will be open will be posted on the main bulletin board as soon as possible.

Armour Research Foundation's Work Has Effect All Over World

Behind the old red face brick walls of the building at 35 West 33rd St. lie the modern offices of one of the nation's greatest engineering projects—the Armour Research Foundation of Illinois Institute of Technology.

From its headquarters on 33rd St., the tentacles of the research foundation reach out in all directions over the campus. Many of the 6,815 studies and tests, including 320 long term research projects have had effect, not only on the advancement of engineering and science in the United States, but all over the world.

Now a lusty nine years old, still an infant in comparison to some of its older compatriots, the Research foundation drew an appropriation of \$1,991,846 dollars in the last year for industrial research. The total marked an increase of \$332,501 dollars over appropriations for the previous years and dwarfed the \$30,000 sum which was appropriated for the original program.

At present the general layout includes the main building on 33rd Street and the small wood technology building directly across from the main building on Federal Street. The State Street structure encloses the chemical engineering work, high pressure, fluid mechanics and mechanics of solids in addition to the Institute of Gas Technology.

The largest of the present units is the three story Metals Research building at 34th and Federal Streets, while the sections of the Engineering Research building house the library, electrical engineering, ceramics and other studies. In the last year the Foundation completed arrangements whereby the activities of the Lithographic Technical foundation would be transferred to Armour and a portion of Glessner House, on the southwest corner of 18th St. and Prairie Ave. was occupied.

A staff of 322 persons handles the eight major divisions through

which the foundation functions: physics, metallurgy and minerals, chemistry and chemical engineering, mechanics of solids, electrical engineering, engine research, fluid mechanics and thermodynamics, and research services. A great expansion is expected during which an employment vacuum of high caliber scientific people will occur. Because of the war many persons who would have filled these positions had their educations interrupted so that it will be several years before it is expected that employment in the foundation will keep pace with the expansion.

The most widely known of Armour Research Foundation projects is the wire recorder, which has already seen extensive service on the various war fronts.

The Interhonorary Council Controls Honorary Activities

The Interhonorary Council is an organization for the purpose of coordinating the activities of the honorary fraternities on the campus. It is composed of the presidents of these fraternities. The president of the Interhonorary Council is the president of Tau Beta Pi, membership to which is the highest honor that can be conferred upon an engineering student.

In addition to regulating pledging times and other activities of the honorary fraternities, the Interhonorary Council sponsors activities such as the tutoring service which many students have found to be of great help during the last few semesters.

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