

Six Leçons de Mademoiselle La Paxin Et Les Jour Des Bacheleurs Sont Fini

DANCE CLUB POSTPONES PARTY TO NEXT TERM

Because of the shortened time before final exams, the Dance Club party has been postponed until next semester. Final arrangements, including the place and the date, which will probably be Fri-Feb. 13, will be discussed at the first meeting of next semester, Wed., Feb. 4. The party will be open to all students who are members in good standing from the present semester.

Advanced Instruction

On Wed., Feb. 4, Lucille Paxin and Daniel DeWald will instruct the present members in advanced steps. Thereafter, for the following twelve weeks, a continuous course of instruction will be given by Mr. DeWald. Students desiring to join the club should come to room U2W at 6 p.m. on Feb. 4.

At the last meeting of the club, more than forty girls from St. Xavier came to the Institute to act as partners for the club members. During the coming semester enough girls are expected to come so that there will be a partner for every member.

PLANS AFTER MAY 14 NOT CERTAIN

In order that no misunderstanding will arise from an article published in last week's TECH NEWS, concerning the announcement of changes in IIT's program, Dr. Grinter wishes the following clarification.

"Plans beyond May 14 are entirely tentative. These plans are being studied by the United States Office of Education for all colleges of engineering. IIT will meet the requests of the Federal Government when they are made. Although the three-year program seems reasonably probable at this time, we cannot be certain that it will receive Federal encouragement."

It was stated definitely in the last issue of the TECH NEWS that "The class of '43 will graduate in February of 1943. Members of the present second year class will be graduated in September of 1943 and men now freshmen will finish in June of 1944." Mr. Grinter wants it to be clearly understood that this schedule is not definite but probable.

SEVEN PLEDGED TO HONOR SOCIETY

Sphinx, Illinois Tech's honorary journalistic society, announced the pledging of seven students outstanding on the Institute's publications. In addition, Mr. Marcel Fodor, professorial lecturer in social science, and prominent journalist, was pledged as an honorary member.

The seven students pledged are all veteran members of Technology News staff, and have all shown great interest in the publications. Patricia Arns, junior arts and science student, attained the position of associate managing editor of Tech News in her sophomore year, and she competently handled the west campus news staff for a period of one year. Charles Ball, a senior civil engineering student, worked as rewrite editor and feature columnist. John Butkus, another senior civil, was elected into the society for his work as sports columnist. Edward Doran, senior mechanical, gained entrance through his diligent work as copy editor of Tech News. Milton Pleva, senior civil, has done a commendable job of acting as feature columnist. The news department has been fortunate to have the services of Herman Tachau, another senior civil, for the past three and one-half years.

Mr. Fodor, former Chicago Daily News foreign correspondent, and now writing a column for the Chicago Sun, was the first honorary member to be brought into the society for the past few years.

Ralph Pearson Speaks On Electrolysis At Chem Club Regular Meeting

Ralph Pearson, Lewis Institute '40, returned to the scene of his undergraduate days Tuesday, January 13, to deliver a lecture before the Lewis Chemical Society at their regular monthly meeting. The talk, entitled "Electrolysis of the Grignard Reagent," summarized the results of his research at Northwestern university which awarded him a fellowship in chemistry.

Working toward a doctorate, Ralph has already made remarkable progress on his research problem which is of utmost importance to the science of chemistry since the Grignard reagent is highly essential in organic chemistry reactions. As a result of his study much information will be made available concerning free organic radicals and thus many unexplained reactions of the Grignard reagent may be interpreted.

Entering Lewis on a competitive scholarship as an honor graduate from Sullivan high school, Ralph soon began to make a name for himself both scholastically and socially. Among his many achievements were his appointment as an undergraduate instructor in his junior year, and junior class, senior class, and Daedalian fraternity presidencies.

Junior Formal—

(continued from page one)

that she was whisked away to sing for such bandmen as Vincent Lopez and Mitchell Ayres.

With respect to the Boulevard Room all connoisseurs of fine places of entertainment will recognize it as the city's most attractive locations. The dinner tables are located on a terrace surrounding the dance floor, the terrace being several feet above the floor.

PRESIDENTS OF COLLEGES CONFER ON STUDENT DRAFT REGISTRATION

ASCE Hears Talk On Suspension Bridge

Prior to the tragic failure of the Tacoma bridge, the fourth largest suspension span was the Bronx Whitestone Bridge. Its span is now exceeded by only two structures which have an unsupported length greater than 2,400 feet.

F. H. Preuman, engineer for the American Bridge Co., resident engineer in charge of its construction, addressed the Illinois Tech chapter of the ASCE Friday, Jan. 16. His talk featured the solution of construction problems which were confronted on this gigantic project.

The design and construction of the foundation piers and towers followed standard procedures. Ingenuity came into play in the spanning of the distance between towers. Two inch diameter wires were first strung between the towers. Timber stringers, overlaid by wire mesh were placed horizontally over the supporting wires. This provided a catwalk, sufficiently strong and safe against overturning by wind currents, because of weak wind resistance. A tramway built on the catwalk provided the means to spin the main cables. Moving pictures, accompanying the lecture, illustrated the ease with which this operation was done, once the equipment was set in motion.

The finished cables contained 37 strands of wire, each strand containing 360 individual wires. The design load was estimated at 80,000 pounds per square inch. With the diameter of each cable at 23 inches, one can readily realize the tremendous carrying capacity available.

Gigantic plate girders were then set in place supported by wire ropes suspended from the main cables.

The colored motion pictures helped to show the enormity of the undertaking, and the apparent ease with which it was completed.

H. T. Heald Heads Meeting Of Sectional Tech Schools

The National Conference of College and University Presidents on Higher Education and the War, at a meeting in Baltimore early in January, resolved that "The institutions of higher education of the United States be organized for action, and they offer united powers for decisive military victory, and for the ultimate and even more difficult task of establishing a just and lasting peace."

This meeting recommended that "immediate consideration be given to the ways and means for accelerating the programs of students" through their curricula. The resolutions committee also advised "an immediate study be made by the National Committee on Education and Defense, and the United States Office of Education Wartime Commission as to the needs for, and bases of, Federal financial assistance to higher education for the duration of the emergency, in order that the training for students for national service be accelerated."

The committee realized from the first world war that selective service by its very nature insures the best utilization of man-power in placing the individual where his capacity will best serve national needs.

In accordance with the war program, the members of the Baltimore meeting requested that bona fide pre-medical and pre-dental students be allowed to complete their training, provided that they have completed not less than two years of the college curriculum.

Pre-theological students, who have been approved by their appropriate ecclesiastical authority, were recommended for deferment until the completion of their degrees, by the meeting of college presidents.

The National Conference of College and University Presidents on Higher Education and the War, elected President Henry T. Heald to the position of chairman of the Sectional Meeting of Technical and Professional Institutions.

Fit to fly with the best!

It's a great service—the Air Corps! Picked men and picked equipment! One of its latest radio devices—the Western Electric throat microphone—transmits speech clearly in spite of roaring motors, leaves the pilot's hands free, doesn't interfere with his oxygen mask.

This new "mike"—and many other kinds of special radio equipment for the armed forces—grew out of Western Electric's 60-year experience as manufacturer, purchaser and distributor for the Bell System.

We're glad the knowledge and facilities gained in our telephone job—more important than ever today—enable us to help "Keep 'em Flying!"

Western Electric

... is back of your Bell Telephone service

FOR DEFENSE

BUY A SHARE IN AMERICA

The new United States Defense Savings Bonds and Stamps give all of us a way to take a direct part in building the defenses of our country.

This is the American way to provide the billions needed so urgently for National Defense.

★ United States ★
DEFENSE SAVINGS
BONDS and STAMPS

