

Activities calendar plans school life

The Student Union Building will in the near future be graced with the presence of an activities calendar. This creation will list the main activities which are to be held in the Student Union.

A tentative schedule has been arranged whereby the auditorium will be reserved at 10:00 a.m. Fridays for special meetings. The first Friday of each month will be allotted to class meetings of all classes, the second and fourth Fridays for Professional Society meetings, the third Friday for Western Society of Engineers, and the fifth Friday for clubs. Other groups must find other times for their events. General Assemblies called by the Dean or the President of the school shall take precedent over all other activities.

The Student Union Board of Control will be in charge of the calendar. The SUBC is composed of students from each of the four classes, the "A" and "B" co-ops and the graduate school.

It is hoped that the calendar will be perfected before the new semester begins on February 4. All items to be listed on it should be turned in at least one week previous to the date of publishing of the calendar. A new calendar is to be erected every six months. For further details and information see Don Keigher or a member of the SUBC.

Musical clubs look ahead

At a recent election, the musical clubs of the Illinois Institute of Technology elected the following officers to carry on the activities of the organizations:

In the Glee club, Raymond Schultz was elected president, with Bruce Worcester as secretary-treasurer and Leonard Koch as manager. The orchestra has Melvin Korrell as its new president aided by Fred Drummond as secretary-treasurer and Robert Skriba as manager. The combined clubs will be officered by Dick Hameister, president, Don True, secretary, and Edward Opila, treasurer.

The clubs are busy preparing their concerts for the coming season. They will open their season on the Rotunda of the Art Institute on November 25. The next engagement will be before the Rotary club of Rockford at Rockford, Illinois, on December 10. The combined clubs will appear before the student body for a Christmas concert on December 17.

Mr. Erickson, director of the musical organizations at IIT, has started to organize a chorus over at Lewis. This is the women's chorus. Preparation for the ambitious concert schedule will require at least one practice a week. Temporary arrangements have been made for practicing at the sorority apartment on the West campus, every Tuesday at ten o'clock. Those interested are invited and asked to attend.

ORGANIZATIONS

Rifle Club

The Rifle club has been unable as yet to secure space in the Armory for a rifle range.

In the meantime, the club members are using the old range in the basement of the Physics Building. With a total membership of thirty, the older members have been kept busy coaching the novice riflemen in the proper methods of rifle shooting and handling.

Dance Club

Sweet strains of music peeled forth from the auditorium last Wednesday afternoon and brought forth a great many inquisitive persons. They found the members of the Dance Club swinging out behind the leadership of the new instructor. The learning of new dance steps and brushing up on the old ones lasted for one full hour. A period of general dancing followed.

This Wednesday, at five o'clock, the club will again meet. Any and all men who are interested in this form of activity are heartily invited to attend.

If there are any fellows with cars that would like to transport a group of girls from colleges in the near vicinity to the Armour campus, they are asked to leave their names and the time when they can be contacted in Mrs. Orcutt's box.

Gamma Rho

On Sunday, October 18 at the home of Roger Friewer's, Gamma Rho held their first smoker of the fall. The business of the meeting was the election of officers. Jack Halloran was chosen president, Chuck Marner was elected vice-president, Ray Calabrese, treasurer, and Phero Thomas, secretary. After congratulation, everyone pitched into Mrs. Friewer's renowned potato salad and baked ham.

Bob Meyer managed to come in from Chanute Field, where he is going to weather school to help the boys bend an elbow. Steve Mendak appeared, proudly displaying a photograph of his daughter, Micheline.

Kappa Phi Delta

Kappa Kewpies have been very busy planning their rushing parties. Their first tea was held in the Apartment last Tuesday. After

Illinois Tech branch at Rockford college

Breaking a tradition almost 100 years old, Rockford college has just initiated its first male class, composed of eighteen engineers who are taking the standard freshman course given by IIT on the campus of this central Illinois school. The professors who are giving these courses are: Dr. Raymond D. Mullinix, chemistry; Dr. Jordan D. Cavin, economics; Dr. Curtis B. Bradford, English; Dr. A. Frances Johnson, mathematics; and Mr. Jens Larson of the Mechanics Universal Joint Company, technical drawing. Dr. Johnson is also launching a course in the fundamentals of electronics for four of the math students: Jack Chapman, Bob Hogg, Roy Norrlander, and Warren Black; this work is in addition to the mathematics they are now being taught.

Jack Chapman, president of the

playing "hide and seek" with their lunch boxes, they went back to grammar school days and played games. The next tea will be held on October 27.

Mae Krueger, call '42, is now student laboratory technician in hospital in Madison, Wisconsin. June Kiefer is finishing her course at Wesley Memorial hospital.

The Kappas missed Pat Arns who is recovering from an appendectomy operation, and are looking forward to her return.

AIEE

A movie picturing the installation of the first trans-Atlantic cable will be one of the feature attractions at this month's meeting of the American Institute of Electrical Engineers at IIT. This film will show some of the problems which confronted the builders of this mammoth enterprise and it will show how they were solved by capable engineers. All engineering students will find it worthwhile to see this picture.

Following the display of this movie short speeches will be presented by several student members.

Dr. E. H. Freeman, the faculty advisor, suggests that this meeting would be of interest to all engineers. It will be held at ten o'clock Friday morning in Room U2W.

AXE

The Alpha Psi chapter of Alpha Chi Sigma, national professional chemical fraternity recently held an election for officers.

Those elected were George Eckert, master of ceremonies, Ted Anderson, master alchemist and Pat Columbo, treasurer. The retiring officers were Peter Blasco, Leonard Lambin, and Larry Hadlock. Dr. Bruce Longtin was chosen faculty advisor.

Last Sunday evening, a testimonial dinner was given in honor of Dr. R. C. Kintner, associate professor of Chemical Engineering and formerly faculty advisor to this fraternity. The dinner was held at the Broadview hotel on the south side, 5540 Hyde Park Boulevard. Dr. Kintner is now district counsellor for Alpha Psi.

Former IIT prof helps war effort

A former Illinois Institute of Technology professor has been awarded a prize of \$11,200 for saving a war contractor \$6,000,000 in the manufacture of anti-aircraft guns.

He is Dr. John L. Miller, professor of metallurgy at IIT until less than two years ago, when he became chief metallurgist at the Firestone Tire and Rubber company of Akron, O. He won the grand award of the James F. Lincoln Arc Welding Foundation of Cleveland.

Dr. Miller's work was a foremost factor in the re-designing of the 40 mm. Bofors anti-aircraft gun. The metallurgist substituted welding for riveting in the manufacture of the chassis and other parts of the gun. The result was a 50 per cent increase in strength and a reduction of \$76.80 per gun in cost.

Rockford engineers, is the correspondent for Technology News at Rockford College.

Second IIT scrap drive under way

Plans for IIT's second scrap drive are now well under way and those pieces of unnecessary metal around school will be absconded by adventurous "miners" on Saturday, November 7, if present plans go through. Scheduled to fall under the "axe" of volunteer workers is the Graduate House fence, whose vicious spikes recently stabbed a student who was not on the look-out for such stubborn resistance on the part of our "Ferrous Friend."

Also probably doomed to die is the organ in the auditorium. It has played nary a note for many years and will undoubtedly reach the more useful phase of its life when it emerges from the muzzle of a gun which is pointed in the correct direction. Namely, that position which our enemy occupies.

Research Shorts

Dr. Martin H. Heeren, chairman of the chemical engineering staff, last week spent a day at the United States Regional Laboratory in Peoria.

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Wilmer T. Rinehart, formerly a research chemist with the United States Gypsum company, has been appointed to the chemical engineering staff. At Indiana University Mr. Rinehart received his bachelor, master, and doctor's degree. He was also an assistant track coach and assistant in the chemistry department. The Roessler and Hasslacker Chemical company of Niagara Falls, New York, secured his services after his education at Indiana.

Grinter leads research group

A War Research Committee to authorize, conduct and integrate research projects related to the war effort has been formed at IIT. The committee membership will include all faculty members of the Institute who are doing approved special research on any project related to war needs. Vice-President L. E. Grinter heads the activities.

Twenty-five projects are now under way, in 11 different fields—chemical engineering, metallurgy, X-Ray inspection, Raman spectra, spectroscopic analysis, physical and organic chemistry, heat transfer, aerodynamics, airplane stress analysis, radio communication and an elaborate program of work in electronics.

Engineering educators recognize women

Women gained the formal recognition of engineering educators today with the announcement by President Henry T. Heald of Illinois Institute of Technology, current president of the Society for the Promotion of Engineering Education, that a "census" of women enrolled in engineering schools would this year be included in the society's annual survey of engineering enrollments.

The part women are playing in the war effort, especially as technicians and even a few as engineers, cannot be overlooked. President Heald said in his announcement, nor can the fact that engineering will depend more upon women in the coming years than it does today.

Jeanne Johnson converts mother to ordnance course

When Mrs. Mae Johnson, 232 North Pine Avenue, learned that her daughter, Jeanne, wanted to take a war training course in ordnance inspection at IIT, she almost refused to let Jeanne enroll.

Today, as Jeanne completes her training course and is ready to go to work in a war job, finds Mrs. Johnson studying ordnance inspection at the same school.

Jeanne, 19, had been studying pharmacy in college for two years when she learned of Illinois Tech's free program to train women for war jobs. She decided that it would be a more important service to her country if she would enroll for this training.

Her mother, a former school teacher, could not at first agree; she thought it unnecessary for her daughter to postpone her regular college career to train for war work. But she finally consented to let Jeanne enroll in the nine-weeks course.

As her work progressed, Jeanne began telling her mother about the laboratories and classes she was attending at Illinois Tech. She told her mother of how two hundred more women like herself were now giving eight hours a day, five days a week to be trained for war jobs. She pointed out to her mother that the courses were given at government expense, that more than 600 women had been trained at Illinois Tech since last March when the In-

stitute pioneered in this training for women.

Mrs. Johnson started listening. "It does sound interesting—and important," she admitted.

Finally, Mrs. Johnson was convinced that Jeanne hadn't made a mistake in training to be an ordnance inspector. She was so convinced that a week ago on Monday, October 12, she enrolled at Illinois Tech in the same program.

The Johnsons thus became the first mother-daughter combination in the nation's first program designed to train women for technical war jobs.

Jeanne received her certificate in graduation exercises held last Friday, and she goes to work at once for the Chicago Ordnance District as a junior inspector. For both Jeanne and her mother are a part of the junior inspector training program, where students "earn as they learn." While taking the free course, they are employees of the district and are paid at the rate of \$1440 per year.

Elmer W. Johnson, the husband and father, a structural engineer also working in war industry, is proud of Mrs. Johnson and Jeanne. But he isn't as proud of them as his son, Bill.

He knows that his mother and sister are taking his place in serving their country. Though Bill is 17, he can never serve in the army. Bill is blind.