

FRATERNITIES

PHI KAPPA SIGMA

Practice, under the leadership of Jack Boland, has been going on rigorously for the fraternity baseball team. The team will have met its first opponent, Triangle, Monday of this week.

Concerning the social activities of the fraternity, a date-dinner is being planned for this coming Sunday. Also a coming-out party is the topic of discussion around the house as Bill Lease has shed his bandages from the burns he received at the Underwriters laboratories about a month ago. A week ago Friday, Dick Taylor shed his cast on his leg after four weeks of wearing it since the Theta Xi-Phi Kappa Sigma basketball game, in which he was injured.

(Editor's note: Laboriously translated from the Scandinavian, I presume.)

TRIANGLE

Armour chapter of Triangle takes pleasure in announcing the new officers for the coming year. Charles Wallace will be the president and assisting him will be vice-president, Herbert Curry; treasurer, Larry Magill; and steward, Harold Ross. The new officers will be installed at the annual Founder's Day banquet to be held April 15, at the fraternity house.

THETA XI

On Monday, March 23, Theta Xi was honored by a visit of several alumni. Among those present were Mr. Henry T. Heald, president of the Illinois Institute of Technology; Al Peterson, president of the Grand Lodge of Theta Xi; Rev. H. T. Walter, of Fenwick high school, Mr. L. S. Downey, and Mr. L. V. Cunningham of the graduate school. Brother Heald gave a talk on the expansion of the school in general and the student housing problem in particular.

DELTA LAMBDA XI

Delta Lambda Xi held its annual Founder's Day banquet Friday, March 20, 1942 at the Bismarck hotel. The formal initiation followed the banquet. Wilbur Leopold, mechanical '43, and Charles Sachs, Jr., mechanical '45, were formally initiated. Mr. Henry McQueen, assistant in the department of electrical engineering, was also initiated as a faculty member.

Professor Paul G. Andres has kindly consented to relieve Professor Frank Wade of his duties as faculty sponsor of Delta Lambda Xi.

PI KAPPA PHI

Pi Kappa Phi pledged John McLean, sophomore in industrial engineering, at a special meeting last Wednesday. John is attending the west side campus and hails from Elgin.

Delta Lambda Xi tangled with the Pi Kapp softball team Monday afternoon, April 9. The score was not known in time for publication.

"Snuggles" Snyder played track star to a group of three negroes who accosted him late April Fool's Day. The band pursued him to Michigan avenue, but never really had a chance after Snyder got under way.

Track Coach Harry Heidenreich officially sported his new title last week. He promises a winning team.

RHO DELTA RHO

No, it wasn't an invasion from Mars, or even a Jap fifth-column. It was just "dem bums," otherwise known as the Rho Delt initiates suffering through another hell week. Thirteen "Lucky" men proved the old saying that misery loves company. Those participating were: Joseph Abrams, Lewis Berkowitz, Martin Black, Seymour Bortz, Geo. Cohen, Carvyn Ellman, Leonard Ellman, Marvin Kessler, John Coopersmith, Sheldon Plotkin, Marvin Scadron, Louis Sprung, and Jerome Lettvin. The formal initiation of these men will take place Wednesday, March 11, at the fraternity house.

Rho Delta Rho is pleased to announce the pledging of the following men for the present period: Marvin Berman, Walter Derin, Herb Gertz, Seymour Entman, Earl Lichten, Abe Kaplan, Marvin Meyers, Sam Popowicz, Seymour Padove, and Max Reiss.

The first event staged under the new "greater social activities" program was a splash party held on April 4 at the Sovereign hotel. The party was under the direction of Trevor Miner.

RHO EPSILON

Rho Epsilon convened last Friday and elected a new group of officers to guide the radio club through another year's playing with the ether waves. Succeeding Anton Seda, Irving Kaluzna was a unanimous selection for the coming years presidency. Assisting him will be Warren Ramler, vice-president; Larry Rogers, treasurer; and Rudy Oras, secretary. Pete Rebechini is the new communications manager.

President Kaluzna announces that plans are being made for an extensive program of activities for the coming year. Also planned is an extensive membership drive designed to interest IIT students in radio and other branches of the communications field, fields of vital importance to National Defense. It is the hope of Rho Epsilon to recruit a membership containing a major portion of the IIT student body. Interested students may gather information from any of the newly elected officers.

SENIORS

•Graduation announcements are now on sale and samples are on display in the bookstore show window. Please inspect them, decide how many of each type you want, and place your orders immediately. All orders with payment in full must be placed by Friday, April 10. In order that prompt delivery can be made, no orders will be taken after this date.

•Orders will be taken each day of next week from 11 to 2 in the Student Union lobby. They may also be placed with Don Ely, John Wood, Karl Koos, Jim Walker, or Bob Ettinger. Your announcements will be in your hands around May 1.

•Lewis students may inspect the announcements and place their orders with Sylvia Wcislo.

Organizations

WSE

•Colorado and Glacier National park will be the subject of the first program presented by the Illinois Institute branch of the Western Society of Engineers under the reign of its new officers. Featured on the program will be a sound and color movie showing the breathless beauty of these natural wonders. This movie produced for the Burlington railway shows the most scenic spots of this section of the west.

•The program will be presented by the WSE at a general assembly on Friday, April 24 at 10 a.m. Introducing the program will be the new president Bob Bechtolt. Other officers who were elected for the coming year are Ray Sauer, vice president; Mario Silla, secretary; Roy Peterson, assistant secretary; and Warren Ramler, treasurer. Robert Kirk led the program committee, consisting of Dick Roberts and Roy Peterson, in the selection of this program.

•Due to the accelerated program the WSE has not been able to put out many features for the student body this year. The new officers, by planning early, hope to keep a continuous string of interesting programs running before the IIT assemblage.

AIEE

•Mr. Coultts, safety engineer, with the Midwest Public utilities at a recent American Institute of Electrical Engineers meeting, pointed out that carelessness was the cause of more accidents than defective equipment. Safety is one of the chief factors considered in modern engineering. So much so, that advancements in the design of machinery have reduced the number of deaths accountable to machinery to 4 in 19,000 as compared to the 100 in 19,000 just ten years ago.

•Warren Ramler and Roy Peterson were elected to represent the society at the meetings of the Western Society of Engineers.

FIRST AID NOTICE

Lewis Red Cross course meeting, Tuesday, at 4 p. m., in Room 313 at Lewis, for all interested in first aid course.

—Student War Council.

SAM

•To better acquaint the engineer with the common every day problems of business management, the Society for the Advancement of Management made a field inspection trip to Sears Roebuck & company on Friday, April 3, 1942.

•As engineering students are skillfully trained in their specialized fields to face all the problems of industry, but in their intensive course of studies one phase in the wheel of civilization is greatly neglected and that is "business policy." Therefore it is the purpose of the to make available to the students some means of visualizing our complex business structure in actual operation. This is accomplished by periodic field trips to some of the large business firms of Chicago.

FACULTY

SIGMA XI

•The Sigma Xi, national honorary society for the advancement of science, recently paid tribute to Illinois Institute of Technology by the installation of a chapter of the society at the institute.

•Dr. Ross A. Gortner, and Dr. Baitsell, national president and secretary, respectively of the society, gave interesting and instructive speeches to the students on the morning of the presentation of the charter. The actual installation ceremonies took place at the Electric club and was attended by many distinguished personages representing many colleges and universities. The speaker of the dinner, Dr. H. A. Bethe, of the department of physics of Cornell university, presented a discourse on "Energy Production in the Stars."

•The purpose of the society, the encouragement and promotion of research, is furthered by the publication of the "Sigma Xi Quarterly" which disseminates news concerning important advances in the sciences, publishes lectures by ranking scientists, promotes grants for research, and offers awards and prizes for various scientific achievements.

•The election of the officers of the new chapter followed the installation ceremonies. The officers are Dr. Rufus Oldenburger, president; Dr. David P. Boder, vice president; and Dr. Hugh J. McDonald, treasurer.

•This new chapter is the 84th of the chapters of Sigma Xi and the national society now numbers nearly 45,000 members. The election of candidates for membership takes place near the end of each academic year; at present the chapter at IIT has 14 members.

FACULTY BRIEFS

•At the convention of the Ohio section of the Mathematical association held at Ohio State university in Columbus, Ohio, Professor Ford was the guest speaker. His address dealt with "A Million Ways to Solve Equations."

•Hold that hair tonic, mister, until we tell you what Irving S. Goldstein has to say regarding its composition; then use it, if you wish!

•Mr. Goldstein, graduate assistant in the chemistry department has made a hobby of analyzing the make-up of make-up.

•At a graduate seminar held in Chapin hall he spoke on "The Chemistry of Cosmetics and Patent Remedies." At that time the names of the ingredients comprising many well known toilet articles were divulged.

•Ah, but go ahead, what you don't know may not hurt you.

•Prof. Komarewsky and Dr. Riesz have recently prepared synthetic rubber from natural gas by using catalysts.

•In accordance with its policy of giving out the latest news as soon as it breaks TECHNOLOGY NEWS wishes to make known the presence

for the last three weeks of Dr. Warburton, the new instructor in physics who is filling the vacancy caused by the departure of Mr. Christy. Dr. Warburton graduated from Cornell university, where he obtained a Ph.D. in physics. He is a member of the Cornell chapter of Sigma Xi, honorary research fraternity, and is also a member of the American physics society. Dr. Warburton came to IIT from the University of Kentucky, where he served as associate professor of physics.

•With a note of remorse, Billy E. Goetz admitted last week that in his two 5A co-op classes in Business Policy and Time and Motion Study, no one received an E. This same class in Time and Motion Study was divided into three groups of nine men each which were assigned to carry out the procedures of time and motion study in three of the companies in which they are employed. As a result of their work two of these plants are now applying the suggestions made to them by the Time and Motion class.

•On March 31, Dr. Bibb addressed the Jr. Mathematics club of the University of Chicago. He spoke on amateur research as being the type that is applicable to teaching undergraduate students. Dr. Bibb has also developed a parametric representation for the point of a plane curve, showing how that might be applied to finding the equations of plane curves with special respect to ordinary differential equations. "The teaching of undergraduate students," he said, "is the same as applying the calculus of ordinary differential equations." Dr. Bibb also developed a beautiful method for solving ordinary differential equations by means of geometrical interpretation. The interest of Dr. Bibb has been directed to this type of work for the last 20 years.

•The Mathematics club, consisting of graduate students of the University of Chicago, served tea and crumpets before the speech.

•On May 9, Dr. Bibb will present another paper of similar character at the annual meeting of the American Mathematical association at Decatur, Illinois.

•Merle Bondall and Bruce Longtin of the physical chemistry department are collaborating on a book entitled "Separation Processes." The origin of the book may be traced to Dr. Longtin's doctorate theses and a series of articles which he contributed to the periodical "Industrial Engineering Chemistry." It is expected that the book will be completed this summer since the authors are now adding the final touches and additional illustrative problems.

•In the past, Dr. Longtin has been particularly interested in statistical mechanics. He is working on the extension methods of statistical mechanics to systems which are undergoing change. He hopes to apply his theory in detail to calculating the rates of chemical reactions, rates of diffusion, and other rate phenomena.