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## Activities Handbook

The ITSA should be commended on its action to re-publish the activities handbook for the student body. It has now set aside in its general fund a sufficient amount of money to cover the cost of reprinting.

The people who will do the actual work on the text will be A/S Ramon Olson and his committee of Pi Delta Epsilon members. They will undertake to rewrite the material in the book and bring it up to date. To them falls the real task of publishing the book.

This activities handbook has always proved to be very valuable to the students. The incoming freshmen in past terms have found in it much useful information about the clubs, fraternities and other aspects of student life at the school. With this information they could easily become acquainted with the school; by reading the book they learned more in a few minutes than they would in several weeks of actual experience around the institute.

For the past few terms the handbook has not been distributed to the incoming students, and the last printing of the book is now obsolete. As a result the freshmen have not been well informed about school activities and have been lagging behind the other classes in school spirit. Hence, there is now a real need on the campus for such a revised book, and it will be well appreciated by the next semester's incoming freshmen.

Pi Delta Epsilon will therefore be doing the students a favor in re-publishing this handbook. The handbook will undoubtedly help encourage the extra-curricular activities of the freshmen in coming semesters.

## Robert's Rules of Order

At last the ITSA has finally adopted Robert's Rules of Order as the official parliamentary procedure to be followed at its meetings. After much bickering and lengthy debate, the proposal was finally passed by the board.

Why this simple little policy of adopting Robert's Rules of Order had not been undertaken before is a question which can be answered by some board members who were afraid to. Those arguing against the proposal at the last meeting stated that the Robert's Rules of Order were too complicated and would require a great amount of study on the part of the members. These arguments are indeed very silly. How any group of college students should feel it is beyond their scope to easily comprehend a set of guiding rules which are nearly universally used by all organizations, is really too absurd to talk about. Fortunately the majority of the ITSA members had sense enough to see through such foolish arguments. They at least realize that by adopting the new policy the board will be run more democratically, and that perhaps the power of the little cliques will be broken.

According to the story which is

## Woman Of The Week

## Lorene Mattern, Econ Major, Leads Active Life at Lewis

Lorene Mattern, demure but energetic young home economics student is a junior on the west campus. Blue eyes, brown hair and tall are the adjectives that justly describe Lorene. She is 5' 7" tall, weighs 120 pounds and is 20 years old. Lorene has beautiful light brown hair.

Lorene was born on the north-west side of our windy city and plans to go on living here after she finishes school.

This girl graduated from the Carl Schurz High School in February '43 where she was very active. She took an active part in the Girls' Athletic Association, Beta Chapter of Tri Hi-Y, junior and senior chorus, and French club.

She entered Illinois Tech the same month she graduated from high school. From that time on Lorene has been very active in school activities.

In her freshman year, she was pledged to Sigma Beta Theta Sorority. For the past year Lorene has been secretary of the Sigma.

One of the first organizations she entered was the glee club. Since she had belonged to two music clubs in school, this was a natural. However, Lorene was unable to continue in that activity because of complications.

When Kiva was organized in 1944, Lorene was one of the many enthusiastic members. Since music is one of her main hobbies, she naturally

went into the club with all her vigor and vitality.

In the fall of 1943, Lorene was elected to be ITSA representative for the west campus. For one year she served in that capacity, and for the last year she has been vice-president of ITSA.

Being very fond of semi-classical music, she favors Andre Kostelanetz. As far as popular music goes, she likes the song "Candy." Before the war she favored Glenn Miller, however, since he left for the service, "I haven't been partial." On a more serious side, she is very fond of church hymns.

For the past semester Lorene has been dating A/S Ray Mead, an IIT, electrical engineer from Quarters #4. She made no statement whether they were going steady or not.

Lorene's favorite color is light blue. Her favorite author is Lloyd Douglas and she loves dancing. Since she entered Illinois Tech, she has been very interested in the clothing and textile field and uses up her spare time making her own clothes.

—HOPE IVerson

## ... Techman Talking

John Van Horn, Instructor in E.E.

*I first heard of Illinois Tech when a fellow alumnus was appointed the head of the electrical engineering department. Dr. Hobson had graduated from Purdue a few years before and was making quite a reputation in electrical engineering by the time I finished school in 1939. My first personal contact with Illinois Tech came through the War Training Program. Many of my engineer friends in industry were teaching night courses at Illinois Tech and other Chicagoland schools. Their motives were a desire to help out in an essential job, a chance to make some extra money, and a test to see how much they had forgotten from school days. For me it was a fatal step. I found I had forgotten almost everything I knew about electricity. Since there is no better way to learn than to try to instruct others, I was soon teaching electricity, radio, and mathematics in the Signal Corps training program with additional work in the war training night courses. All this happened near the end of 1942.*

*The hours were long, the work hard, and the experience new but I enjoyed it and soon began to feel I had found my niche. What attracted me most at Illinois Tech was the youth and enthusiasm which seemed so plentiful. Not only was the age of many of the responsible people relatively low, but also the ever changing ideas and methods of all the staff reflected youthful thinking. I felt that this was an organization which would keep pace with the rapidly changing world and would not be hampered by old fogy ideas. So far I have not been disappointed.*

*A school to be a success must teach a student to think for himself. The memorization of a large quantity of factual material does not constitute an education. If a student has a firm grasp of fundamental theory and a knowledge of typical applications, the details can easily be learned as they are needed in later life. Education does not stop at graduation for the successful person. The faculty and students should work together to make Illinois Tech the kind of a school which will prepare students for the big job of education which follows.*

## Magnetic Wire Sound Recorder Developed at Armour Research

The Armour Magnetic Wire Sound Recorder was invented by Marvin Camras while he was a student in electrical engineering at Illinois Institute of Technology. The instrument was developed and perfected at the Armour Research Foundation and is the most important piece of work done by the Foundation since its inception in 1936.

Although much scattered information has been related concerning the wire recorder, there has never been an elaborate report made available concerning the invention. Such a report has now been released by the News Bureau of Technology Center in the form of a 41 page press release.

In 1896 Valdemar Poulsen, a Danish physicist, conceived the idea of recording sound on wires. He recorded the sound magnetically on heavy steel spools of wire, but the reproduction was poor. Later, Poulsen's idea was modified, and tape recorders were developed. However, because of the bulk of the spools of tape, the idea was discarded.

According to the story which is

now told, Camras was prompted to try producing a wire recorder because he had a cousin who liked to sing. The cousin remarked to Camras that he would like to have a recorder with which to study his voice. He and his cousin built the first, somewhat crude, model in their spare time. Later, graduating as the top student in electrical engineering at Illinois Tech, Camras' idea was brought to the attention of the directors of the ARF. Camras is now an associate physicist at the Foundation.

Here is a general picture of what the wire recorder is and how it operates.

A .004 inch magnetic wire is fed from one reel to another through a series of guide pulleys and passed

(See RECORDER on Page 5)



Steamshovel is happy to announce that this is "Shaft Your Buddy Week." If you have any dirt or any raw things to pull on your best pal, now is the time. Just send your dope to the editor of this faithless column and rest assured I will take care of it.

This week's "green-banana" goes to enterprising Ed Rubin. He called up a girl for a date only to have her husband answer the phone. The furious husband said he was sorry but his wife was at the hospital having a baby and was unavailable.

A party, a week ago Saturday, on the far south side at which a number of Rho Delta Rho boys were present; provided the boys with an opportunity to exercise their prowess with females. Art Alterman had almost every dance with a certain Frances who was the hostess of the party. It seems that Art made quite a hit with Frances as he had a date with her Saturday last. Art says she has a swell personality.

Frank Janik was recently given the exit by his love of one year standing. Poor Frank who tries hard to live down the disappointment is now on hunt for new game. His favorite deer so far is a certain petite librarian whom he is out to get.

A/S Bob Harmon's fondness for playing at the Dance Club was finally explained to the editor of this column. As leader of the Swing Band he rates a lot of attention. After the dance is over Bob always has three or four young ladies waiting for him. Selecting one of his "harem," Bob takes off and isn't seen until he shows up at quarters at eleven o'clock, all tired out and ready to hit the sack.

A/S Herbert Schoen and that red head from St. Xavier's are at it again. Herb met her at the dance club and they have been a coosome twosome ever since. His parents have been out of town for some time but Herb and his red head occupy the apartment almost every week-end. Herb says that he takes her up to his apartment just to help him keep the place clean. The latter version cuts no ice however.

The story of the week concerns A/S Robert DeBoo and A/S Gus Mazarakis of Quarters 3. It seems that Gus is going to get married to a little Canadian girl as soon as he receives his commission. DeBoo on the other hand doesn't want Gus to get ahead of him so he immediately found a girl and told Gus that they should have a double wedding. Since then DeBoo has been sleeping with a towel over his face for fear of contracting something which may prevent him from passing his health physical.

If you heard a voluminous burst of abusive language last Thursday you can trace it to Sol Yanoff. Sol had his car simonized earlier in the week but forced himself to use public transportation because of the rainy spell, which he was afraid would hurt the car. Came Thursday and it became necessary for him to take out the car, and, it rained all day. Such vocabulary Sol, tch, tch. T. S. boy!

A/S Sol "Dosey" Rosenthal has found two new heart interests at Lewis. Both Eleanor Vedel and Corinne Clehan seem to find him interesting. What has happened to all those girls you used to pick-up at the Trianon, Sol? Aren't they good enough for you?

Ed Schaschl, A/S Gil Katz, Kaz Horita, Wally Grengg, and Jim Aberman gave Herman Mirochnick another going-away party (his third). Of course, Herm was the host at his summer home at Fox River, so it was a fine party except: 1. Herm and his girl tipped over Wally's Kayak in the middle of the river, which is only 70 feet wide, but all of 2½ feet deep; 2. Kaz and his girl were swinging on the porch swing, but they trembled with such amorous feeling that the swing came down; 3. Gil was so eager to get away from his girl that he ran barefooted through broken glass. It wasn't so bad on the others, though; Wally only had to row a boat upstream a mile, and Ed got his pants wet; apparently, Jim was a good boy.

Well, it's time to sack off so till next week, au revoir.

—MOLE