

NOVEMBER 30 will mark the day when IIT will be given another opportunity to make a contribution to the armed forces. At that time the Red Cross will be here seeking co-operation from everyone, which includes Armour, Lewis, and faculty. Last week a letter was printed from a reader who stated that many were willing to give their blood the previous semester, but had made their appointments too late to be accommodated. If they are still willing, now is the time to make that appointment.

THE CURRICULUM COMMITTEE will meet this week to discuss student activities. The committee is dissatisfied with the present set-up. Participation in student activities now takes the form of extremes. There are either too few students taking part in too many activities, or too many students in too few activities.

One man cannot assume the leadership of numerous organizations and still give them the full benefit of his abilities. The benefit to the group is proportional to the amount of time that the man is able to expend.

By far the most important result of this discussion will be to encourage the participation of all students in extra-curricular activities. These activities are a vital part of the student's education. Only ten percent of the men who graduate from this institution are capable of becoming a success on the basis of their scholastic accomplishments. The remaining 90 per cent will have to supplement their knowledge with the ability to meet people and get along with them.

There are many people who will and who have graduated from this school that do not possess this ability. To develop and encourage that ability should be one of the primary purposes of the various clubs and organizations on a college campus. Because of this, the administration recognizes extra-curricular activities as an integral part of any college education.

ONLY 38 PER CENT of the Lewis student body showed enough interest in their school to participate in the ITSA elections held last Friday.

I believe that this is a good answer to those people at Lewis who demand to know why their college is never fully represented at IIT functions. If there is no interest, or if no effort is made on their part to realize adequate representation such conditions are bound to exist.

Fraternity Dance Planned for Dec. 4

The date for the Interfraternity Dance has been changed to December 4. Dancing will begin at 8 p.m. in the Student Union auditorium, and music will be furnished by the 13 piece navy V-12 band under the direction of chief petty officer Fred Godfrey.

A floor show will be featured, each fraternity providing 10 to 15 minutes of entertainment.

The affair is open to those who are members of any social fraternity on this campus. Earl Lichten, who is in charge of the affair, also extends an invitation to those army and navy men here who have been members of a social fraternity on other campuses.

No Graduate House for Duration Says Grinter

There will be no permanently established Graduate House until after the war, stated Dean Linton E. Grinter.

The Dean explained this on the ground that the number of students that could be accommodated by a new house would be too small. At the present time, temporary quarters for the graduate students are located at 4170 Drexel Ave.

the new TECHNOLOGY NEWS

Volume 33, No. 1 Z-143

ILLINOIS INSTITUTE OF TECHNOLOGY

November 22, 1943

Carl Ravaza to Play for Dance

Dance Bids to Be Awarded in "News" Contest

Equation to Represent Phenorten Found by Math Department

Bids to the Integral Queen Dance will be awarded to the winner and runner-up in *Technology News*' phenorten contest. The dance is to be held at the Drake Hotel, Dec. 11.

Considerable discussion has been aroused concerning the subject of phenortens by the *Technology News* contest. Phenortens are no longer confined to the IIT campus alone.

Students living on the north side have said that the phenorten has found his way to the "L" platforms of their neighborhoods. The east "L" platform at 33rd is also profusely decorated with phenortens, as most of the "L" riders have discovered. Prominent among these is one Frank Sinortren who can be seen coily around a microphone.

However, phenorten fans are not confined to the students alone. Dr. Michael Sadowsky, professor of mathematics, had for one problem on an exam in differential equations last semester: "Draw your favorite phenorten. Known varieties include Juice, Drafted, Jap, Frank, Pistol-packing. You may draw an original one if you wish."

Equation of Phenorten

Another faculty member who has become interested in the subject is Robert Reynolds, assistant in mathematics. Attracted by the more quantitative aspects of the phenorten, Reynolds developed the Equation of the Phenorten. This is not a hoax, and if the equation is graphed on the usual rectangular coordinates, the result is a phenorten—named by Reynolds auricosextidigitiphenorten. The equation is—

$$\begin{aligned} &[y - (16 - x^2)]^2 \\ &[y + 3(1 - 16x^2/25)]^2 \\ &[y - 5/2 \pm (1/16 - [x - 1]^2)^2] \\ &[y - 5/2 \pm (1/16 - [x + 1]^2)^2] \\ &[y - (1/16 - [x \pm 15/2]^2)^2] \\ &[y - (1/16 - [x \pm 8]^2)^2] \\ &[y - (1/16 - [x \pm 17/2]^2)^2] = 0 \end{aligned}$$

Faculty Interested

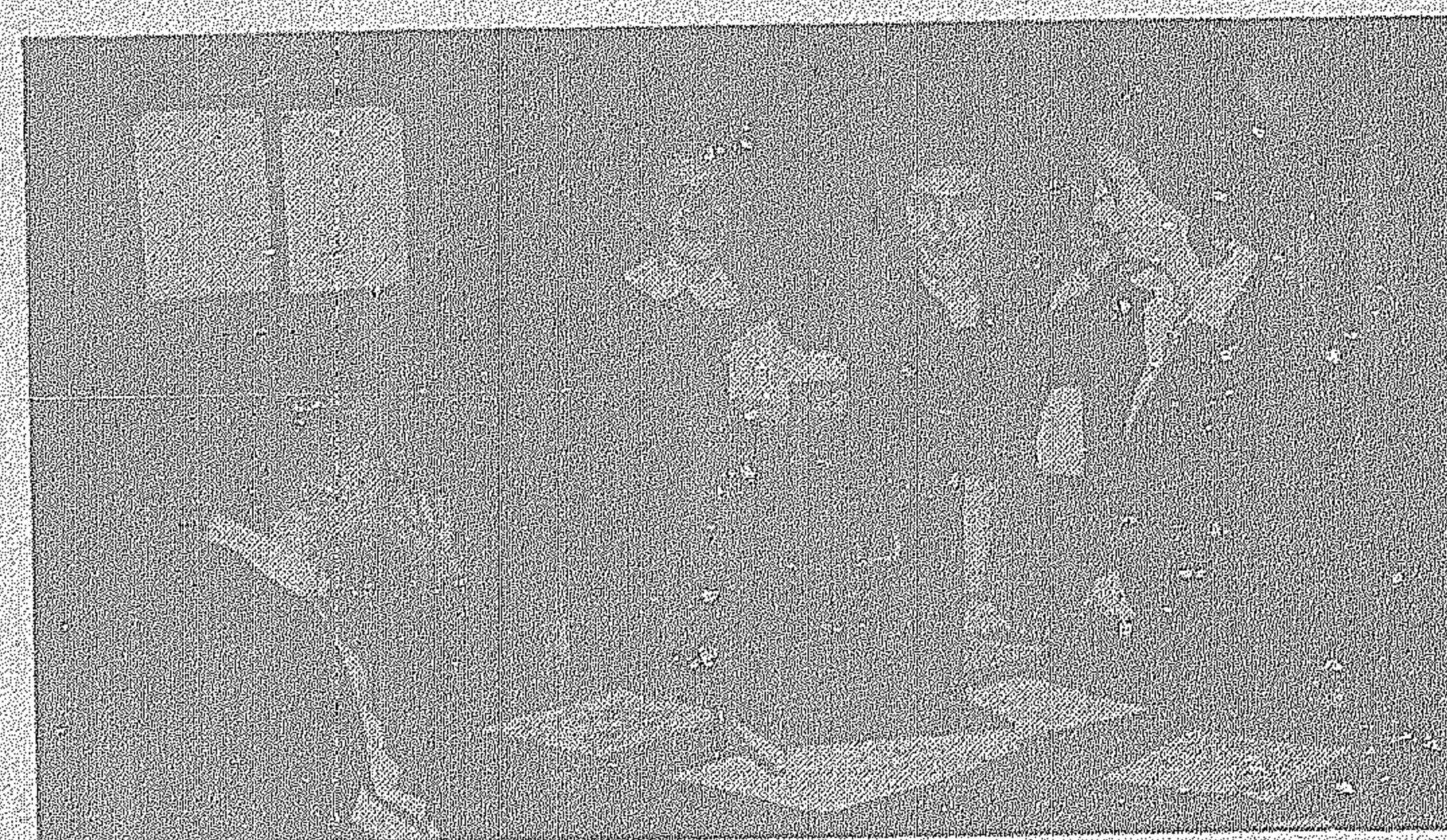
The chemistry department, too, seems well aware of phenorten. In a recent organic chemistry lecture, Dr. Herbert Bernstein, professor of chemistry, assured the class that if the same reaction were run under the same conditions, the results would be the same—unless, he qualified, a phenorten gets in there somehow.

As announced in recent issues of *Technology News*, entries will be accepted up until noon this Thursday. They may be put in the *Technology News* box in the Student Union lobby, or brought up to the news office, first entrance, fourth floor, Chapin. The results will be published in the Nov. 29 issue of *Technology News*. These results will include the names of the winners as well as pictures of the winning entries.

Miss Lowrey Leaves IIT

Miss Jeanette Lowrey, assistant to the director of the News Bureau, has left Illinois Tech to take a position as Senior Assistant Press Relations Officer with the University of Chicago, according to Mr. Paul O. Ridings, director of the News Bureau.

Lewis Students Vote in ITSA's Election



CASTING BALLOT—Lillian Seges casts her ballot in ITSA election.

Kronenberg Elected Lewis ITSA Vice-president, Wins 48 to 45

ASSC to Donate \$75 To Navy Dance Band

The All School Social Committee will donate \$75 to the navy band, announced chairman Mike Coccia today. This will be used to buy stands, lights, sheet music and other accessory equipment for the band, he said.

The ASSC, which is a committee sponsored by ITSA funds, was recommended to receive \$1,200 in the new ITSA budget. This appropriation enabled the committee to make the donation, said Coccia.

Lorraine Kronenberg, senior political and social science major, is the new Lewis ITSA vice-president by a three vote margin. Her victory over Charles Conforti, a senior in chemistry, was decided by a 48 to 45 vote in the Friday elections.

Thirty-eight percent of the eligible voters took part in the election, which saw Conforti cut one vote off Kronenberg's lead of last week's primary ballot.

Viola Sievers was elected Lewis ITSA representative-at-large in the elections held on November 12. The elections were conducted under the directions of Ronald Lind, ITSA vice-president.

Lewis to Have Student Lounge; Dean Grinter Promises \$1500

Fifteen hundred dollars have been promised for furnishing Room 616 at Lewis, which means that the Lewis Student Lounge will become a reality in the very near future. This statement was made last Friday by Rhoda Weitzman, head of the Lewis committee in charge of plans for the student lounge.

The committee, headed by Rhoda Weitzman met with various officials in the school at the beginning of last week. Bernard Weissman commented that room 616 located on the top floor of the Lewis building would be an ideal location for the student club to be organized.

Hockey Hop to Be Held December 22

The fourth annual Hockey Hop will take place in the Student Union auditorium and lounge on Wednesday evening, December 22, from 9 to 12 o'clock.

According to captain Jack Eulitt, the music will be supplied by C.P.O. Fred Godfrey and his band of navy men. Eulitt also stated that the bids will be on sale during the second week of December and will cost one dollar each.

Although proceeds of the dance will go to the hockey team, additional funds will probably be needed, and a request for money is now before the ITSA.

New Faculty Directory To Be Published Soon

A new Illinois Tech faculty directory is being planned by the Registrar's Office and will be issued within the next few weeks, according to Dr. Charles W. Kepner, registrar.

The new directory will contain the names, addresses, and titles of the members of the faculty, the Research Foundation, and the Institute of Gas Technology. Other general information such as the degrees earned by the individual will be included.

President Heald approved the idea of having such facilities for the students as long as they would result in no harm to the war effort. Mr. Schommer stated that this was something that there had always been a definite need for.

Dean Linton E. Grinter, vice-president of IIT, after investigating the matter promised the \$1500. A mass meeting of the students at Lewis has been set for 11 a.m., Tuesday, Nov. 23, in room 616.

A vote by the students will decide whether they will pay \$2 for lounge membership cards.

Dr. Thompson to Speak

Dr. James S. Thompson, head of the physics department, will speak at a Sigma Xi meeting of the University of Chicago chapter next Tuesday evening. Subject of his talk will be the electron microscope, and he will discuss some of the theory involved in its operation.

Big Name Band Will Feature Integral Dance

Gold Coast Room Will Be Site for Integral Dance Saturday Dec. 11

Carl Ravaza's orchestra will play at the Integral Queen Dance, announced Mike Coccia, chairman of the ASSC, today.

The dance will be held on December 11 in the Gold Coast Room of the Drake Hotel. Bids will be placed on sale at the end of this week.

Before coming to Chicago, Ravaza's orchestra played at the Hollywood Bowl and other prominent spots in Los Angeles, stated Art Devitt, business manager of the ASSC. While here, he played at the Trianon Ballroom and has just finished a long run at the Blackhawk.

"Besides his music, Ravaza is noted for witty songs which have been the cause of a great deal of hilarity at both the Trianon and the Blackhawk. Several members of his band also have comedy skits," said Devitt.

The Gold Coast Room will hold well over 800 persons, said Coccia after visiting the room and talking with the manager of the Drake.

The feature of this dance will be the crowning of the Integral Queen. Special plans for the ceremony are being made by Ted Pilat, editor of the annual.

The Integral staff has announced that the winner of the Integral Queen contest has as her first initial the letter "N". She is one of the five blonds that were in the contest and won by a plurality of 144 votes. The votes were counted by Harry Beach, Ted Pilat, Ray Berggren, Harry Anderson (representing the ITSA), and Earl Mills, (representing the Honor Board), stated Pilat, Armour editor of the Integral.

Only 400 bids will be available, stated the ASSC committee. After those are gone, no more will be put on sale.

Back to Play for Free ASSC Dance

Will Back's orchestra will play at the ASSC free dance this Saturday night, announced Mike Coccia today. The dance is to be held in the auditorium and lounge of the Student Union.

"We wanted to obtain a really good orchestra for this free dance," Coccia said. Back and his band played at the last school dance in the Furniture Club of America on October 9.

The dance is scheduled to start at 8:30 p.m. this Saturday night, and will continue until midnight, according to Coccia. The faculty dining room will be used to serve refreshments.

Armour Man Is Veteran Of 138 Aerial Missions

Lieutenant Charles F. Jones, former student at Armour Institute, has experienced 138 aerial missions since his enlistment in the Royal Canadian Air Force in February, 1941.

Transferring to the U.S. Air Forces last November, Jones has since been credited with four possible German fighters shot down.

Lt. Jones is home on special leave because his father is ill.

TECHNOLOGY NEWS

Member, Associated Collegiate Press

Official student publication of Illinois Institute of Technology, 3300 Federal Street, Chicago, Illinois. Published weekly during the college year. Represented for national advertising by National Advertising Service, Inc., college publishers representatives, 420 Madison Ave., New York, N. Y., Chicago, Boston, Los Angeles, San Francisco. Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Subscription rate 1.00 per term.

Editor.....MILTON BURKART
Business Manager.....BURTON FRIED
Managing Editor.....Harold Burkart
Lewis Managing Editor.....Isabella Winter
Sports Editor.....James Oldshue
Feature Editor.....Bill Burkhardt
Assignment Editor.....Herman Nelson
Advertising Manager.....Lou Wengel
Office Manager.....Marvin Quastman

Lewis Inertia

The Lewis and Armour relationship has always been doubtful as far as cooperation has been concerned.

At Lewis, it has always been the custom to throw any blame onto Armour. At Armour, the accusations of Lewis have been ignored unless Lewis, at the same time, had a capable person representing it at Armour.

It's always easy to throw the blame onto someone else, but why don't we examine our own shortcomings?

First of all, Lewis has always dreamed of a lounge. So far, no lounge. The cause—Lewis inertia. Lewis has always aspired to have social functions at Lewis. So far, everything is as dead as usual. The cause—Lewis inertia. At Lewis, an isolated and scattered few mope through the halls looking for student body cooperation; cooperation which would result in a feeling of school spirit. So far, no school spirit. The cause—Lewis inertia.

Second, it isn't easy to chase spirits, but that's what Lewis has been doing. Students have been trying to find the ghost of the old Lewis that existed before the Armour-Lewis merger.

The people that were at Lewis at the time of the merger have never discovered the fact that the consolidation of the two schools caused everything of importance to move to the Armour campus. This has made Lewis weak. Its weakness has been accentuated by the fact that the people who have seen no change from then to now are blindly trying to find the ghost of the old Lewis. They should wake up and try to realize that things have changed. We're a part of IIT, whose headquarters are at Armour campus.

These people have acquired the belligerent attitude of, "Well, why should we go over to Armour for anything? Let Armour come to us."

Such an attitude is as silly as that of a little ball that's been thrown into the air saying, "Phooey! I'm not going to come to the earth; let it come to me." Everyone knows that the earth in proportion to its size is affected somewhat by the ball's pull, but not enough to warrant the earth's moving. The same goes for the Lewis and Armour situation. After all, it isn't Armour that's seeking to find life on its campus. It's Lewis.

We've never been well enough organized at Lewis to give any kind of cooperation to Armour. When at rare times we do come up with our own new ideas, how can we except Armour to cooperate with us? We can't possibly get Armour cooperation without sound planning on our part with plenty of Lewis backing.

Lewis is just biding its time until it can be moved over to the south side. Just because we're waiting, though, do we have to miss out on all the activities? Not only is there no activity—at Lewis, but there is hardly any realization that we could have various school activities.

There's nothing wrong between Lewis and Armour that good representation from both sides couldn't fix. We've been slovenly in our elections. Not one of the rare people that vote at Lewis gives much thought to electing a competent person to office. The classes make no effort to hold regular class meetings. After one class meeting, everyone is satisfied.

We could overcome Lewis inertia by everyone here working and cooperating to promote better organization of student affairs. After we discover and solve our problems here at Lewis, we can start criticizing Armour about their lack of consideration for us.

—WINTER

Woman Of The Week

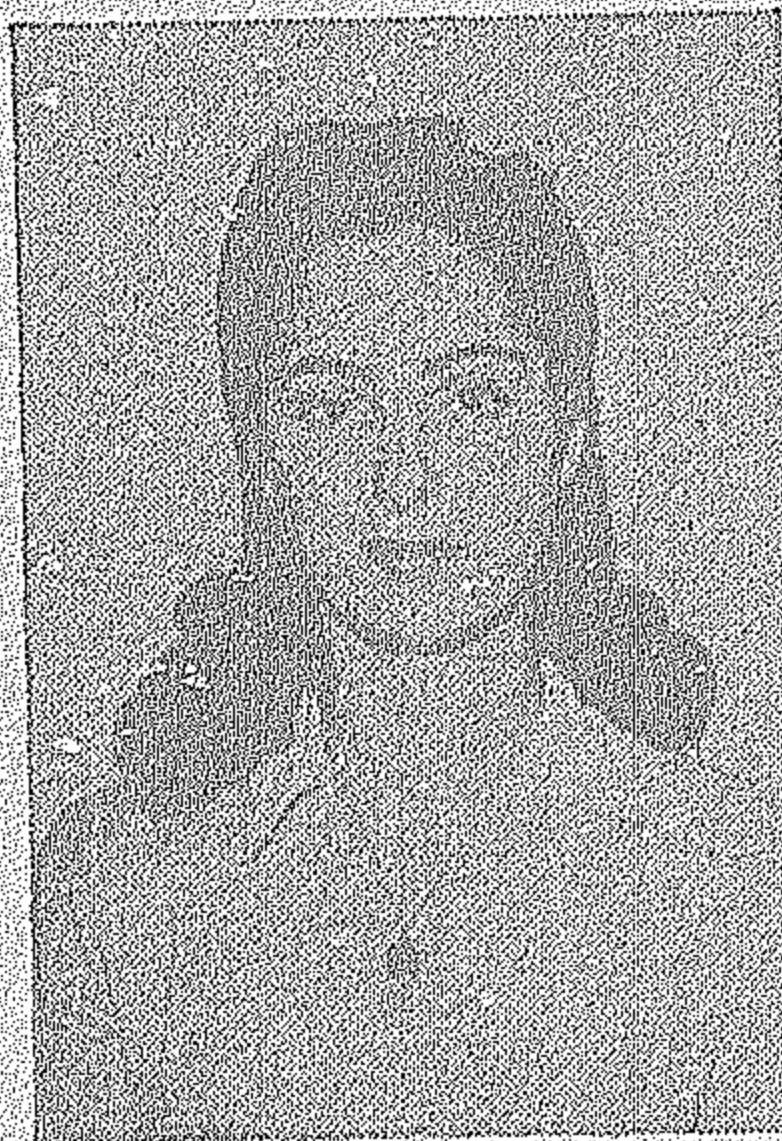
Lorraine Kronenberg, Scholar, 'Who's Who' Nominee, Is Lewis ITSA Vice-prexy

By Isabella Winter

An active interest in Lewis affairs has made Lorraine Kronenberg accept the responsibility of the Lewis vice-presidency of the ITSA. Her election last Friday to this high post has merited her a place as IIT's Woman of the Week.

Lorraine is a lithe, brown-eyed, brunette who came to Lewis two years ago from Wright Junior College. During her first year here she won a competitive scholarship, which covered her full tuition costs for a year. The year following she received a half-year honor scholarship.

Lorraine's accomplishments as a student have been rewarded by the dean's placing her name on the list of names to be included in the Who's Who Among Universities and Colleges of 1943.



Lorraine Kronenberg

Her scholastic activities have by no means overshadowed her extra-curricular interests. Phi Beta Pi sorority affairs have claimed much of her time for the past two years. Participation on the Pan-Hellenic Council has also enlarged her schedule of extra-curricular activities.

Although Lorraine has been busy with her school work and social affairs, she has worked for the past year in one of the ESMWT offices. At the present time, Lorraine works in Mr. Cavanagh's office on the Armour campus.

Her election to the ITSA will undoubtedly add to her activities. The immediate duty that Lorraine will perform for Lewis as its representative to the ITSA, will be to take charge of Lewis class elections.

This should be a simple matter for Lorraine to handle, since she has always chosen things that demanded much activity. Her days at Wright Junior College were spent in acquiring major letters for such sports as tennis and swimming. These old interests of Lorraine's have not died out for she still finds time to enjoy such sports.

She isn't what you would call a "hepcat," neither is she sent "out of this world" by swing music. She does enjoy Artie Shaw, however. Lorraine must have enjoyed her own music as well, because she has played in various bands which functioned at the schools that she previously attended.

Lorraine's stay at IIT won't last much longer since she plans to graduate with the February graduating body.

While at Lewis she has been majoring in the social sciences. At the present time, she has a grade average of an A- to her credit.

Her plans center mainly on doing social work of some sort after graduation.



JOSEPH S. KOZACKA, professor of mechanical engineering was once known as "High-Speed Joe" to his friends at the Maxwell automobile company because of his practice of gearing the lattes to go faster... BOB SCHNELLER, senior ME is the owner of eight radios which are scattered about his home... THOMAS POULTER, scientific director of the Armour Research Foundation, is also technical assistant to the Secretary of the Navy... Two records for longest flight of hand-launched model gliders were set by OTTO CURTH, sophomore mechanical, in the 1941 contest sponsored by the Academy of Model Aeronautics. His 44.7 second record for Class A still stands... EDWARD BEAMISH, freshman chemical, maintained a straight "S" scholastic average at Lane Tech to lead his graduation class.

Paying Civilian

Does He Mean You?



FROM OUR READERS

Dear Editor:

I am writing this letter in the hopes of clearing up many misunderstandings in connection with the Red Cross Blood Bank Drive. Some persons felt that the percentage comparison between the army, navy, and civilians was an unfair comparison. Those percentages were facts and were reported that way. I am sorry that the War Council cannot send an engraved invitation to all such persons in order to raise their percentages.

Just as last time, the War Council will accept donors as long as there is a blank on the time sheet. In August, we padded the time sheets to allow more willing persons to donate, and consequently we were reprimanded and many persons were turned away.

I attempted to obtain the Mobile Unit for an additional day, and the doctor in charge also tried to hold the Unit over, but the downtown office definitely refused due to their policy of rigorous scheduling. Due to this fine turnout last August, I have scheduled the Mobile Unit for four days, Nov. 30 to Dec. 3.

This drive was put under way weeks in advance, so there cannot be any excuse for being late. In fact, it would be much easier for the War Council if everyone would sign up at least three or four days in advance.

Consent slips may be obtained in Dean Tibbles' office, 106 C, and all persons under 21 years of age must have their parents' consent. Everyone should give the time of day they can donate in order to save bookkeeping.

And don't forget—It Doesn't Hurt!

H. R. Gillespie, president
Student War Council

Dear Editor,

Any student who has had two years of German in high school may not take German 101 and 102 here and receive credit for them. According to the Registrar's office, this is a ruling of the North Central Association.

Since a year of German is required in several of the school's curricula, including chemistry, chemical engineering, and physics, there are no doubt many students who have

taken German 101 and 102 here and who do not realize that they will receive no credit for it.

If this policy is set by the powers that be, there is little that can be done about it. But certainly the Registrar's office should inform a student when he signs up for 101 or 102 that he will not receive credit if he has done 2 years of high school work in German.

B.F.

Dear Editor:

It has again been brought to our attention that there is virtually no place to study on the entire campus of Armour. The new freshmen have greater difficulty than any one, for the greater per cent of them have come from high schools where it has been possible to do the larger amount of their home work at school. The lounge is supposed to be for studying and relaxing, while it is possible to relax it is impossible to study up there.

A corner of the assembly hall is also supposed to be used for studying but the noise at all times is so great that it is also impossible to study there. As a final Valla Halla the lunchroom is also supposed to be usable but how can one study when someone shouts—beef, no spinach, coke. When your buddy slaps you on the back and water drips down your neck from the overhead pipes. All the students want is a place where they can study.

Armour Frosh

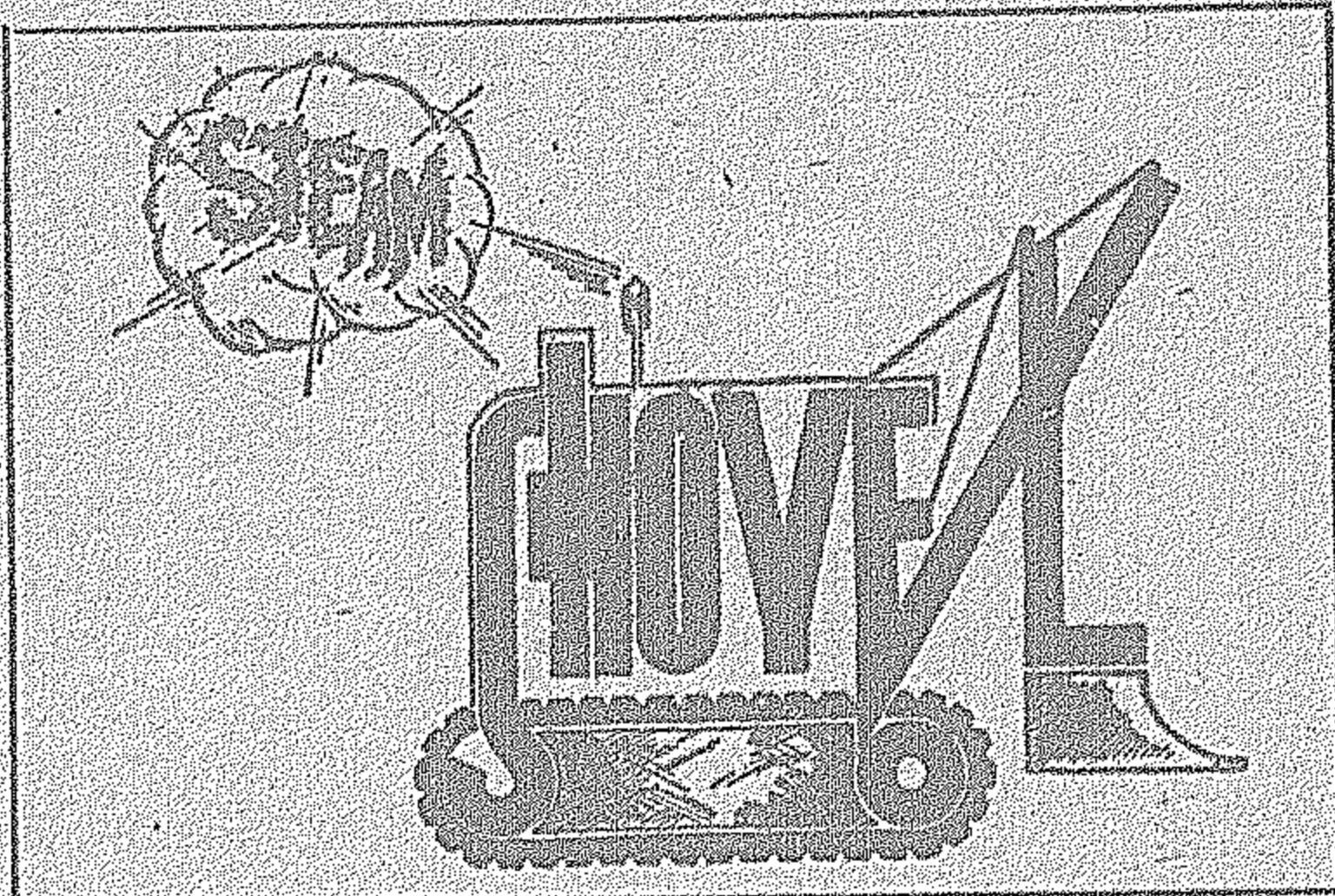
Dear Editor:

I don't know how many students saw the cartoon referring to navy ITSA fees on the navy bulletin board, but I feel that something should be said about the navy attitude pictured there. The cartoon shows a sailor spending his fifty dollars for bonds, laundry, insurance, "miscellaneous items", and then being made destitute by a five dollar per semester ITSA fee.

Figuring it out on a monthly basis, the "straw that broke the camel's back" costs the sailors \$1.25 per month. Maybe the navy thinks that it doesn't get its money's worth or maybe the sailors don't remember that they are being paid to attend a school where the civilians pay for their tuition.

CHICAGO

"Guadalcanal Diary" Good, but Melodramatic



A sifting of this week's diggings uncovered the fact that the "bandy-legged Irishman," Tom Sloyan, is on the loose again, this time on the south side. His technique for knocking over the local belles has an original twist to it, even if it couldn't be considered quite cricket. Sloyan was spotted with a slightly overwhelmed blonde under control. An investigation was launched after somebody smelled a rat, and it turned out that the gal must have been really gullible. Sloyan had been passing himself off as one Bob Kelly, Notre Dame's star half back. Should Kelly see this, let him know that any similarity between Sloyan and Kelly is purely detrimental to the latter.

Somebody, somewhere, has slapped the label of the "happiest man on the campus" upon Joe Aligino, ME junior. Heard of the draft board that was indicted recently for malfeasance? Joe is registered there, and now is undoubtedly under the scrutiny of the F.B.I. Not that that isn't enough, there's the Ajax Engineering Company, recently closed by the Navy. Joe was a co-op there, displaying his talents as a junior assistant minor executive, and took a powder just before they caught up with the company. There more than a slight chance that Joe will be gray-haired by the time he's old enough to vote if things continue at this rate—and if Weissman's joint in the back room of the Student Union is raided, guess who'll be blamed.

For a quiet Sunday afternoon, there's no place like Marco's, or so say Jim Bell and the blonde-headed June. Reports have it that J. and J. spent a number of quiet afternoons together in some nice secluded spot 'round about there. But then 'tis said, there's nothing like a good heart to heart talk to buck up a service man's morale.

Speaking of Junes, Jack ("The man with a car and a pint of gas") Boand is torn between two of them. Naturally the aforementioned lass is involved, and to such an extent that Jack drives her to school in the morning. While driving, though, he talks about the titan haired June, which wouldn't exactly be called diplomatic. If Mr. Boand is in the habit of reading this column, nobody will be surprised to see him concentrating on the red head, while the golden haired woman does her traveling on the 54-passenger Stockyards Special.

If a junior edition of the Association of BTOs is in order, let it be formed now. Our freshmen are beginning to grow pointed ears. Take the case of the clever Mr. Farley, otherwise called John. His is a very clever system: He keeps a dirty, soiled rag in the glove compartment of his coupe. Upon first glance, the piece of cloth looks like an ordinary duster, but such dusting a cloth should do. Closer inspection shows that it is covered with little red splotches. The innocent looking rag is a camouflaged "lipstick wiper-offer," and each little scar represents a major campaign. It also saves the wear and tear on handkerchiefs, and aids in keeping up the proper front before parental eyes. Could be the guy has something there.

But there are other kinds of people, too, Ernie ("Ze Hunter") Klineczak, for instance. They also call him "Scarface" after the last expedition; that's the one he was caught returning from with the same kind of battle scars gathered in by Farley. To hear him tell it, he was attacked by bloodthirsty savages, but an undoubtedly reliable observer reports that the savages weren't much older than 13 or 14. Local BTOs now wonder whether "Ze Hunter" should be turned in to the Juvenile Protection Association, or the game warden. Law students please advise.

Circumstances point strongly to an organized ring of cradle robbers operating around here. Maybe the boys are trying to get them young and raise 'em right, but who can tell? Russ Kasmar, of the soph wirebenders, a one time misogynist (got a dictionary?) has been taking it on the lam. He claims that it was research, and he was merely seeking out the finer things in life, but the neighbors call it something else, something like "contributing to the delinquency of a minor."

Also indicted is senior valvetwister, Ted Natler, a self-styled BTO. He had a date with a 14 year old youngster from South Shore High, but in true BTO style, he has an answer ready for anything. He claims that he took her out only because his parents knew her parents etc. etc. It's an old story, but Natler will be investigated before being accused, for, like Brutus, Natler is an honorable man.

HOLLYWOOD has brought the story of the initial Solomon Islands campaign to the screen with the unreeling of "Guadalcanal Diary." The film, showing at the Garrick and Apollo theaters, is the photographic presentation of the book written by a Marine veteran of the first attack upon the island.

The chief interest of the motion picture lies in its portrayals of the battle and the psychological reactions of the men taking part in it. It is a pictorial record which places the men and their thoughts above the action of the battle.

The ex-Bronx taxi driver, the young Marine, and the old sergeant who doesn't take well to killing are supposed to represent the common man, but they become a bit too melodramatic in the attempt. The chaplain is cut to the same pattern used to make so many other movie padres. Indeed, all the characters seem a little hackneyed and shopworn when it comes to originality, but good acting on the part of the cast comes in to save the day.

The individual reactions of the men to combat and bombings are supposed to be a major point in the picture, but they seemed unreal. They certainly did not equal the excellent quality of the battle scene portrayals. Photography and direction here were good.

While "Guadalcanal Diary" may have some faults, it presents an interesting view of the battles which make up this war, and it does it in an entertaining manner.

"Kiss and Tell," George Abbott's comedy play, is still running at the Harris Theater.

Research Reports—

New Remedy for Malaria Sought In Laboratories of Illinois Tech.

(Editor's note: This column will present each week a brief report of the various research projects being carried on at IIT. Since *Technology News* is the student newspaper of a technical school, these articles will be of a more technical nature than would be possible in an ordinary newspaper, but they will nevertheless be written in such a manner as to be accessible to the majority of the student body.)

Illinois Tech's laboratories have joined the battle against malaria, a plague killing 3,500,000 people a year. Dr. Herbert Bernstein, assisted by Lewis Rothstein and Mrs. Beatrice DeLaney, is experimenting in order to perfect a safer and lasting cure for malaria.

The research project is part of a cooperative effort carried out by chemical laboratories throughout the country under the sponsorship of the National Research Council. The Council is emphasizing malarial research because the need for protection from malaria increases, as more troops are employed in tropical regions.

To date, one synthetic compound, atabrine, has come to be used along with quinine in the treatment of the sickness, but these are inadequate because they do not kill the malarial plasmodium when it is still in a dormant stage. It is possible for a person believed cured of malaria to break out with it when the plasmodia become mature.

Dr. Bernstein's work is concerned mainly with derivatives of phenothiazin, a chemical which has only recently become available in commercial quantities. It has a therapeutic value by itself, being used to kill worms in cattle, and closely resembles the nucleus of the atabrine molecule. Experiments are being carried along similar lines with sulfanilamide derivatives, in the attempt to develop a product which

the alumni corner

Brigadier General Douglas L. Weart, A '18, is now commanding general of the Caribbean Defense Command.

Dorothy Thompson, L '12, prominent columnist and magazine writer, is now writing a new book which is to be published at the beginning of next year.

In 1919 and 1920, Adolph H. Fensholt, L '13, as a member of the Education and Recreation Branch, General Staff of the War Department, was in charge of establishing electrical vocational training in the peace time army. He is now president of the Fensholt Company, an advertising firm.

John S. Banta, A '02, has been appointed superintendent, engineering and maintenance, of the Joliet works of the American Steel and Wire Company.

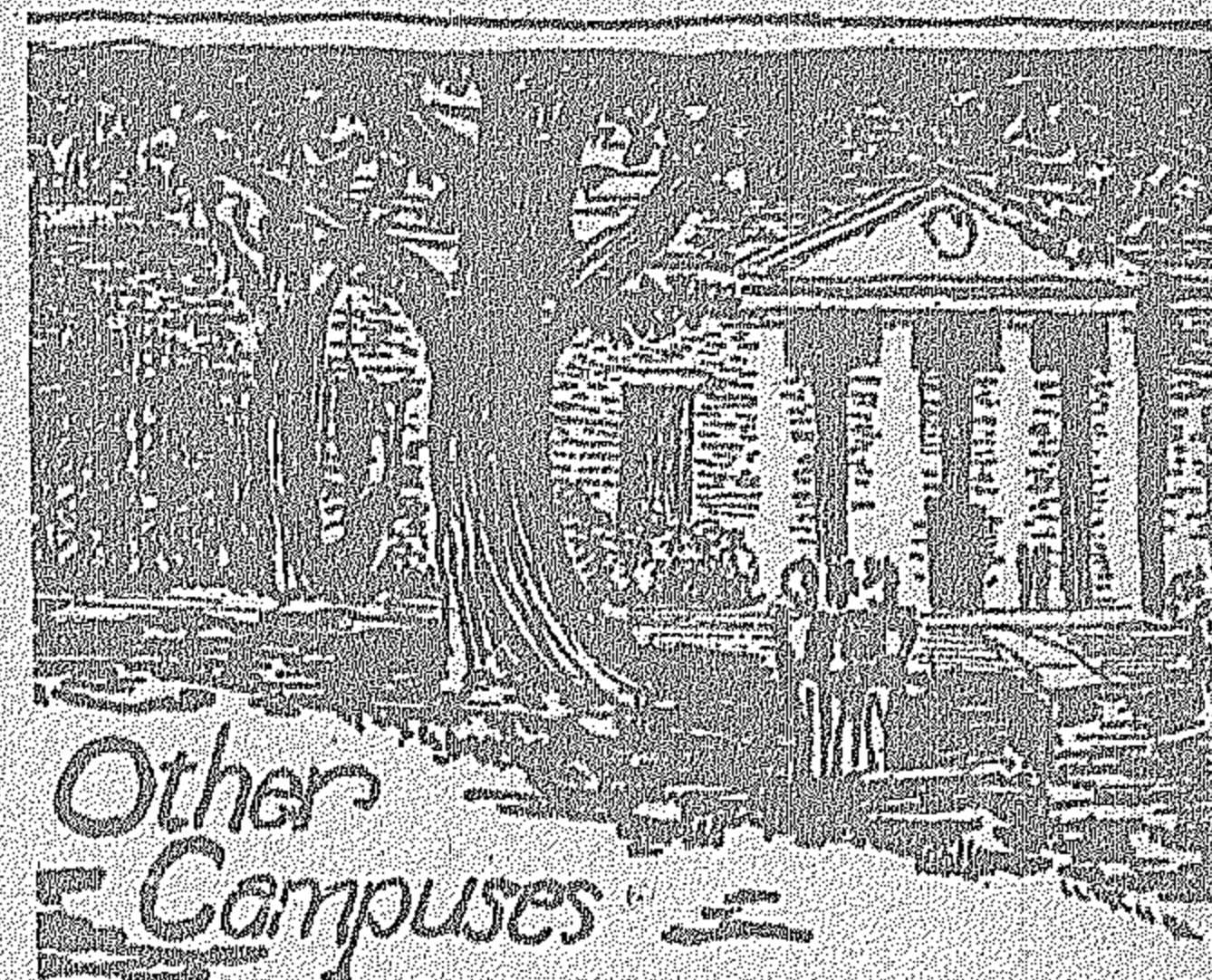
Luther Adler, L '18, who started his acting career at Lewis, appeared in "Jane Eyre" at the Erlanger Theater last August.

Such Is Life

News of the formation of a new wartime auxiliary, the Association for the Uplifting of Engineering in Juvenile Eyes, has been received. It seems silly at first, but take another look.

It wasn't too bad when the adult public went uniform or when it glared at the slide rule jockeys, but then came the kids. Now, every one between rompers and long pants wears some kind of military uniform. There are even "Junior Wac" handbags on the market. The older kids stop at wearing divisional insignia, but there's one 10 year old top sergeant checking up on draft dodgers and glowering at deferments.

But AUEJE promises to change things. It will glorify engineers. It will show them eating Wheaties and wearing bow ties. Engineers will become respected. Soon the younger brats will be wearing "Junior Engineer" badges with distorted pictures of their dear little faces. Soon the youngsters will be bashing their playmates with their little slipsticks. Engineering is a cinch to be spread with a culture such as it has, AUEJE claims, but who can tell?



By BURT FRIED

Someone has a fine sense of humor, or else this manpower shortage is as bad as it's cracked up to be. Witness this unclassified want ad in the DePaulia, student newspaper of De Paul University here in Chicago. "WANTED: Eligible De Paul man with \$1.10 and carfare and a knowledge of dancing to escort De Paul coed (charming, of course, as all De Paul women are) to the Wrangler Dance. Opportunity affords the future V-12 or ASTP lad experience in military tactics."

It seems that IIT is not the only school to have trouble with collection of activities fees from V-12 men. At Lawrence College (Appleton, Wis.) said problem has been solved, and the navy men have accepted a plan whereby they pay an \$8 fee. This is to be collected in a lump sum, and the navy will be held responsible for payment.

Indiana State University (Bloomington Ind.) takes the selection of the Homecoming Queen seriously. Each prospective queen has her retinue of followers who do their best to influence votes for their candidate by displaying eye-catching togs and large placards in every prominent place on campus. One group of coeds put on a free show for the boys at chow time, including songs, cheers, conga lines and handsprings.

Two Jhena editions of Luther's Bible, the first volumes of each dating from 1558 and 1598 respectively, are on exhibit in the Valparaiso University library (Valparaiso, Ind.). Consisting of six books in all, the editions, believed to be the first and second printed, are printed from hand carved type on rag paper in quarto size. The pages are illuminated throughout with red and black ink.

Chewing gum is not on sale to civilians at University of Kentucky (Lexington, Ky.), since the store obtained it only by a permit issued by the commanding officer of the ASTP unit stationed there. Only ASTP men may purchase it. But the undaunted coeds have devised a system whereby the soldiers act as middle men in the deal. For a smile (and a nickel) almost any gallant soldier will gladly buy a package of gum for a winsome coed.

The student newspaper on the campus of Grinnell College (Grinnell Iowa) claims to be the oldest college newspaper west of the Mississippi river.

Iowa State Teachers College (Cedar Falls, Iowa) not only has a campanile, but a woman chimera to play it. A bell-like instrument, the campanile has a range of one and one-fifth octaves.

Evidently, engineering colleges are the same all over the country. Each week *The Technique*, campus publication of Georgia Tech (Atlanta, Ga.) runs a picture of some local, talented young lady. Space prohibits *Technology News* from printing a copy of these here, but perhaps the description of one such beauty—quoted directly from the *Technique*—will interest IIT readers. "She's lovely to look at, delightful to know, and heavenly to kiss... 5 feet 4 inches of femininity, currently appearing on the Roky stage... auburn hair, brown eyes, and friendly lips."

An Ugly Man contest was sponsored last spring on the San Jose State College campus in California by Alpha Phi Omega, scout service fraternity. At a penny a vote, \$150 was earned by the ballots to contribute to a war purpose.

Basketball Stirs Varsity Sports to Life

Tankmen Organize Tuesday; Only Four Lettermen Return

The swimming team will assemble for its first meeting of the season at 5:30 tomorrow night in the Student Union auditorium. Through the efforts of Bernard "Sonny" Weissman the team is getting off to an early start, so that the tankmen will be in top shape when they meet their first opponent.

The team will need plenty of new material because there are only four returning lettermen. They are Glen Seegars, Bob DeBoo, John Tregay, and Elliott Gage. This small group will form the nucleus of the coming season's squad.

Rho Delts Win Over Theta Xi

Rho Delta Rho football team extended their unbeaten record to four games last Wednesday night by downing the Alpha Sigma Phi team 6 to 0. If the Rho Delts gain victories in their forthcoming games with Theta Xi and Sigma Alpha Mu, the championship cup will rest on the Rho Delt mantle as Pi Kappa Phi already has one loss, and the Alpha Sigs two losses.

The Rho Delts' only score of the game came midway in the first half on a pass from Louis Berkowitz to Irv Sylvan. The pass was partially blocked by Ed Johnston, but in the scramble Sylvan grabbed the ball and scored.

The first half was a see-saw affair with the exception of the one touchdown scored.

The second half saw the Alpha Sigs in Rho Delt territory all of the time, but the goal line was never crossed. The running and passing of Howie Adamson, made possible by the blocking of Ronald Lind and Tom Paulsen, was the main Alpha Sig threat.

The underdogs of the Interfraternity Touchball Tournament, Sigma Alpha Mu and Theta Xi, met Thursday in Ogden Field.

The first SAM touchdown was scored by Hy Weiner who took a long pass from Bob Lichtmann. The conversion was made when Mort Paul caught a short pass from Lichtmann. Theta Xi then evened things up when Irv Rebeschini scored, and Art Schmidt's extra point was made.

SAM scored again when Lichtmann returned a Theta Xi punt for a touchdown. The only other score came late in the game when Weiner was caught behind his goal line for a safety. The game ended with SAM on the winning end of a 13-9 score.

Wrestling Schedule Being Planned

Prospects for the wrestling team are very good this year according to Coach Bernard Weissman. In view of this fact, a committee consisting of Manager Earl Lichten, Captain Jack Eulit, and Ronald Ailara is making a full schedule of meets for the team.

Transportation being a problem, meets are necessarily planned as close as possible to IIT.

Great Lakes, Northwestern, DeKalb, North Central, Wheaton, Navy Pier, University of Chicago Navy, and the 87th Street Naval Training Station are among schools being contacted.

Tech Time Table

Tuesday, Nov. 23
5:30 p.m.—Pi Tau Sigma—EDR
—Alpha Chi Sigma—405M
Wednesday, Nov. 24
5:30 p.m.—Pi Delta Epsilon—Technology News Office
—ASSC—EDR
Friday, Nov. 26
11:30 a.m.—ASCE—214 Chapin
—Senior Class—305M
Saturday, Nov. 27
8:00 p.m.—Interfraternity Dance—Auditorium

New Co-Captains of Basketball Team



Ed "Casey" Puchalski, Tom Kilgariff to Captain Varsity Basketball Squad

A small but mighty guard and a sharp, flashy forward were chosen as co-captains of Illinois Tech's varsity basketball team for this season: "Casey" Puchalski and Tom Kilgariff.

The co-captains were elected by returning lettermen from last year's team, as is the custom at IIT.

"Casey" Puchalski, a junior mechanical, was a guard on last years team, earning a major letter for his work. He is a hard-driving, rugged type of defensive player, always on the go.

On the scoring end, "Casey's" record of last year is not impressive, but he more than makes up for that with his fight and aggressiveness.

"Casey" doesn't limit his activities

at IIT to varsity basketball, playing on last years touchball champions, the 2A Co-ops, and hurling for the Varsity nine last spring. He also plays intramural softball and basketball.

Starting out playing basketball in grammar school, "Casey" has been playing ball for about 12 years. He was a guard on the Junior team at St. Ritas High School for 3 years, captaining the team in his senior year.

In "Casey's" own words "Being elected co-captain of the Illinois Tech Varsity team is the climax of my 12 years of basketball."

Tom Kilgariff, the other co-captain is a sophomore mechanical, and was the only freshman to receive a major basketball letter last year. He deserved this distinction since he was

(See BASKETBALL SQUAD on Page 5)

Two Games Open Season

Team to Play Herzl in Home Game Tuesday

With two games this week, Illinois Tech's basketball team ends the Varsity Sports drought prevailing during the summer semester. They play Herzl Junior College at home Tuesday and travel to Glenview Air Base Friday.

The game with Herzl Junior College will be played at 5:00 p.m. Tuesday at the Valentine Boys Club, 34th and Emerald. This is the first opportunity in two years for Illinois Tech students to see a home game. All members of the ITSA will be admitted free and arrangements will be made for navy students wishing to attend.

The entire squad which reported to Coach Ed Wagner has been kept, but 15 men have been issued uniforms. No definite teams have been selected as yet.

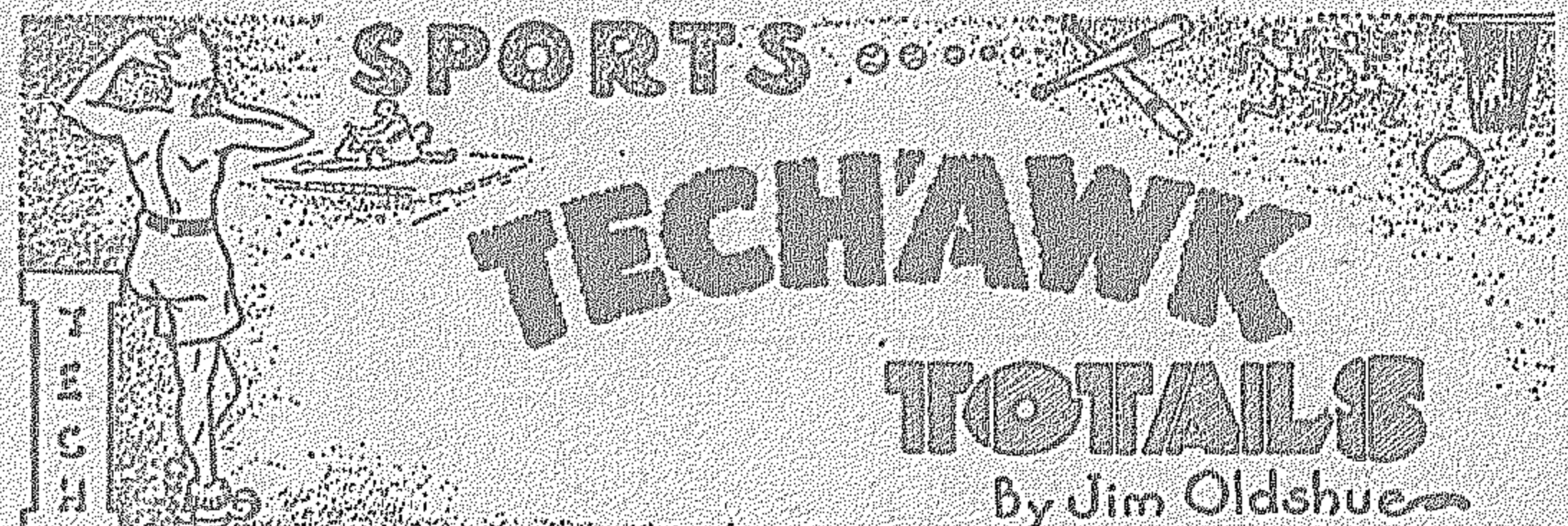
Tom Kilgariff, Bob Kidd, Art Granum, Charles Buckley, Glen Neiswander, and John Zadravetz are the forwards issued uniforms.

The guards will be Ed Puchalski, Don Lange, Al Roberts, Cliff Oliver, and John Basich. Gordon Fleisher, Hank Koci, and Jim Oldshue will perform at center.

Seven of the fifteen men are navy V-12'ers. These are Tom Gavin, Art Granum, Glen Neiswander, Bob Kidd, Don Lange, Al Roberts, and John Zadravetz.

Friday night, the team will journey to Glenview to tackle the naval base. This will be the real test for the squad, since Glenview usually has a powerful team.

Last year's team won 10 while losing 7 for an average of .588. According to Coach Wagner, this year's team has a good chance to equal or better this record.



Tomorrow sees the launching of a new season for the Illinois Tech Varsity basketball team.

This is the first time in two years that Illinois Tech students will be allowed to see the games. Last year, all home games were played at the armory, now occupied by the ASTP, and all spectators were barred. The freshman gym classes were held at the same time varsity games were played and a few stragglers occasionally wandered over, but that was the limit of the crowd.

However, with the procurement of the new gym at 34th and Emerald, all students who are members of the ITSA will be admitted free of charge to the large balcony.

The election of co-captains for the basketball team of this time is an unusual procedure at Illinois Tech. Normally, a captain for the next year is elected at the close of each season by the team members who expect to return. However, at the close of last year's season, the draft status of Illinois Tech students was uncertain and no one knew who would return. This uncertainty was illustrated by the fact that with the squad of 30 at the start of the year, only 15 were still in school at the close. It was then decided that the election of a captain would be postponed until the beginning of this season.

I am told that the swimming team desires a manager for this term. The team members asked me to stress the fact that they are all amiable fellows and always return their towels and equipment, so a manager should have no trouble. A manager of a varsity team at IIT is well rewarded for his work, for if he performs his duties well, he is awarded an athletic sweater. The first meeting of all candidates is to be held Tuesday at 5:30 p.m. in the Student Union Auditorium.

The freshman classes will soon begin their regular physical ed classes, according to the Dean. Not much was said about this at the beginning of the semester, since it was not known what facilities would be available. Since then, however, the gym in Main has been found to be unoccupied by the navy at certain times, so all freshmen will be required to take gym each week. Although these classes are far from making perfect physical specimens of the freshman, they go a long way in helping him to get into good condition despite the accelerated program in effect at IIT.

With the arrival of warmer weather last week, Ogden Field was swamped by eager footballers. In a practice game, the Soph Mechs continued their winning streak, beating the Soph Electricals 14 to 12. The official schedule is in effect now, but unless things are speeded up, the playoffs will probably be held in the snow.

Don't forget fellows, the first IIT Varsity game since last spring will be held tomorrow, Tuesday, Nov. 24, at 5:00 p.m. when the IIT basketballers engage Herzl Junior College. The gym is at 34th and Emerald.

Admission is free so let's all get out and get behind our Varsity teams.

Touchball Tourney Begins; Senior Mechs Beat Junior Electricals in First Game



ELECTRICALS DEFEATED—Al Roberts makes futile gain for Junior Electricals who were defeated 7-0 by the Perennial Senior Mechs Friday.

The Perennial Senior Mechs inaugurated the 1943 Intramural Touchball Tournament, by defeating the Junior Juicers, 7-0. This game, the only game of the week, was won by George "Cookie" Mortinek's pass to Jim "Moe" Bell in the end zone. The extra-point was another pass from "Cookie" to Ralph Ar-

boe. Outstanding for the losers was the running and pass receiving of Bob La Civita.

The schedule for this week is as follows,

Monday, Nov. 22
Senior Mechs #2 (4B co-ops) vs. Sr. Juicers 11:20-12:30.
(See TOUCHBALL TOURNEY on Page 5)

YOUR
DRAWINGS
COME CLEAN!

6 DEGREES IN
SPECIAL CHISEL POINT...
the flat, wider lead
and 18 Regular Degrees

EBERHARD FABER

Leadership in FINE WRITING MATERIALS SINCE 1848

Microtomic Van Dyke Drawing Pencils with
HI-DENSITY LEAD
lay a thin but extremely opaque graphite
line on your tracing or drawing paper.
Result... clean, sharp definition without
smudging. Sharp contrast for good reproduction. With
MICROTOMIC VAN DYKE, your drawings come clean!

"Who's Who" Publication Selects Fifteen Illinois Tech Students

Leadership, Activities and Scholarship Is Basis Of Choice for Outstanding Men on Campus

Fifteen Illinois Tech students have been chosen to appear in "Who's Who Among Students in American Colleges and Universities", announced Dean James C. Peebles today.

Those named are Harry Anderson, Alvin Coyle, Claus von Fredersdorff, Burton Fried, Blanche Fried, Joseph Hind, Lorraine Kronenberg, Gerald Landsman, Richard Larson, William Nash, William Parks, Jesse Shearer, Arnold Thompson, Roger Veach, and Harry Gillespie.

Dance Club to Start Lessons

Dancing instructions will be given at the dance club's next meeting, on Wednesday. A half hour of beginning instruction starts at 5:45 p.m. in the Student Union lounge, and will be followed by half an hour of advanced work. Juke box dancing will follow the instruction.

Tom Dressler, president of the dance club, promises that girls will be present. Students must present membership cards for the instruction, says Dressler, adding that cards may be obtained from him.

Juke box dances will be held each Wednesday evening in the lounge, stated Dressler, and any student may attend them. They will follow the instruction on the nights when it is given.

TOUCHBALL TOURNEY

(Continued from Page 4)

Tuesday, Nov. 23

Co-ops vs. Soph Juicers, 12:20-1:30.

Wednesday, Nov. 24

Senior Civils vs. Senior Mechs #2, 11:20-12:30.

Thursday, Nov. 25

Senior Chems vs. Junior Civils, 12:20-1:30.

Friday, Nov. 26

Soph Mechs vs. Senior Mechs #1, 11:30-12:20.

Cliff Oliver, intramural manager, has announced that due to the fact that there are so many conflicting times for playing off these contests, games will be posted for the most logical time. If these games cannot be played at the proper time, they must be played at some time during the week scheduled, or else each team suffers a forfeit. The arranging of the new game time is up to the team captains.

The results of all games must be dropped in the intramural box on the same day as the game is played to be official, Oliver also stated.

BASKETBALL SQUAD

(Continued from Page 4)

2nd highest scorer on the team.

Playing at forward, Tom has an uncanny shooting eye, is evidenced by the records. He is seemingly tireless; constantly playing a fast break, whirlwind type of game.

Although he didn't play at Leo High where he prepped, Tom played in the OYO league and with the Owl Club, one of the south sides better independent teams. He was a track man at Leo though, which accounts for his strong wind.

In addition to varsity basketball, Tom competed in the Illinois Tech relays last spring, and played on the intramural basketball champions, the Chicago Wizards. He also competed in intramural football and softball.

65 Now Play in Band; Still Need Trombonists

Sixty-five men are now in the IIT concert band.

O. Gordon Erickson, director of music, announced that civilian trombone players were urgently needed.

MILO WIESNER RECREATION

823 W. 35th STREET
Yards 4322
20 BOWLING ALLEYS
10 BILLIARD TABLES

The students are chosen on the basis of leadership, outstanding activity in campus affairs and high scholarship records. Copies of the book are sent to employment managers of large industries throughout the country.

Harry Anderson, a senior in chemical engineering, is president of the Illinois Tech Student Association, a member of Alpha Chi Sigma, professional chemical fraternity, and former vice-president of Tau Beta Pi, national honorary engineering fraternity. Harry is also a former headline editor of *Technology News*, and treasurer of Pi Kappa Phi.

Alvin Coyle, a senior in electrical engineering, is the past president of Eta Kappa Nu, national honorary electrical engineering fraternity and a member of Tau Beta Pi. He is also the first recipient of the Alfred Eustice scholarship which will be used for his master's degree.

Claus von Fredersdorff represents an outstanding scholar. He won a freshman scholarship and the Eckhart scholarship. He is a junior in chemical engineering, a member of Phi Lambda Upsilon, national honorary chemical fraternity and the scholastic leader of the junior class.

Burton Fried, a junior physics major, is business manager of *Technology News*, member of Rho Epsilon, honorary radio engineering fraternity and a physics laboratory instructor. He entered IIT on a freshman scholarship and won the Julia Bevrige scholarship last July.

Blanche Fried, a senior studying biology, is a member of Pi Delta Epsilon, national honorary journalism fraternity, former assignment editor of *Technology News*, a member of the Integral Staff, former president of the Pan-Hellenic Council, and vice-president of Kappa Phi Delta. She was awarded the Kappa Phi Delta scholarship in 1942.

Joseph Hind, senior in electrical engineering, is a member of Eta Kappa Nu, Tau Beta Pi, and Rho Epsilon. He is president of the Rifle Club and a former writer for *Technology News*. He also won a freshman scholarship.

Lorraine Kronenberg, senior political and social science major, was awarded two scholarships and is a member of Phi Beta Pi. She is also an assistant in ESMWT, and Lewis ITSA vice-president.

Gerald Landsman, senior in electrical engineering, is former vice-president of Eta Kappa Nu, a former writer on *Technology News*, a member of the Rifle Club and the AIEEE. He was also awarded a freshman scholarship.

Richard Larson, senior in chemical engineering, was the last editor of *Technology News*, secretary of Tau Beta Pi, president of Phi Lambda Upsilon, and president of Pi Delta Epsilon. He has been the captain of the tennis team for the last two years, is a member of Honor I, honorary letterman fraternity and has been awarded two scholarships.

(See WHO'S WHO on Page 6)

For the best girl friend—
DIAMOND ENGAGEMENT RINGS AND JEWELRY
Spies Brothers, Inc.
27 E. Monroe St.
Chicago, Ill.

Manufacturers of official
I.I.T. Jewelry
Reliable Since 1878

Theodore Pilat Sears Hand in Tragic Blaze as Box of Matches Flares Up

Theodore Pilat, Armour editor of the *Integral*, suffered burns on his left hand when an Illinois Tech match box exploded in his hand Friday evening. Pilat was in the process of lighting a cigarette while working on the yearbook when the accident occurred.

When questioned he stated: "It was 6:30 p.m. on Friday, Nov. 19, while working on the *Integral*. I was in the process of igniting the end of my cigarette and withdrew from my suit coat pocket a book of matches which are given with each package of cigarettes purchased in the bookstore and lunchroom.

"I opened the cover, tore out one red match and proceeded to draw the head of the match across the igniting surface. As the head proceeded

across the surface a piece of the match head broke off, flew to the heads of the other matches and proceeded to cause combustion among them.

"The conflagration which resulted seared the thumb and palm of my left hand. I then proceeded to apply all the various home-made remedies suggested by the acting attending physicians.

"The chief attending physician, Donald McMillan, and his assistant, Harry Beach, did much towards saving me from serious injury."

Pilat requested that the administration inquire into the matter of defective matches.

"The patient seems to be past the crises, and is doing fine", McMillan stated Friday evening.

Administration Gives Go-Ahead To Rho Epsilon Code Class

Peebles and Hobson Now Seeking Instructor; Electrical Department to Supply Equipment

The administration and faculty have given the go ahead signal to Rho Epsilon, honorary radio engineering fraternity, to start a Morse Code class, according to an announcement made today by Dean James C. Peebles. The electrical engineering department will supply any necessary equipment, stated Jesse E. Hobson, director of that department. An instructor has not been selected but Hobson and Peebles are in the process of securing one.

"The class will start one week from next Wednesday, Dec. 1," said Ken Black, president of Rho Epsilon.

De Paul Girls Need IIT Men for Ball at Drake Hotel Dec. 4

The Sadie Hawkins spirit has not yet subsided at De Paul University.

IIT men are needed as escorts for the traditional Charity Ball to be held by the De Paul girls on Dec. 3, at the Drake Hotel. This was announced by Ted Pilat, president of the Link, IIT date bureau, who said that De Paul's social organization requested a list of students interested in attending the dance. About 125 men are needed.

The affair will be held in the Grand Ballroom, the Tower Room, and the French Room of the Drake. There will be no charge to the escorts for bids, but they will be expected to finance the transportation and other incidentals, said Pilat.

When each girl has been assigned a man from the Link's list, she will write him an individual invitation asking him to be her special guest for the evening.

Pilat said that students who are interested should leave their names at the Link office, 112 Chapin, 1:30 to 4:30 any afternoon this week except Tuesday. They may obtain further information at that time.

Lewis Librarian Joins Marine Corps

Evelyn Setre who has been Lewis librarian for the past year has joined the women's division of the Marines, and will leave Dec. 1.

Miss Setre came to Lewis a year ago from her home in Minneapolis where she did some work at the University of Minnesota.

Before she reports for active duty at New River, North Carolina, she will visit with her father in Minnesota.

VICTORY RESTAURANT

Service with a Smile

3035 Wentworth Ave.

VICTORY 1838

STEAKS and CHOPS

OPEN DAY AND NIGHT

Research Given Spectograph

A \$10,000 precision grating spectrophotograph, ideally suited for precision research work, has been added to the wealth of equipment of the Armour Research Foundation, it was announced by Harold Vagtborg, director of the Foundation.

The instrument itself cost \$2,000 while the accessories are valued at \$8,000, he said.

"This spectrograph is an example of the better type of equipment that is being used in industrial research at the present time," stated Dr. George E. Ziegler, chairman of the Physics Research division of the Research Foundation. The equipment has been added to the Physics Research division.

The fact that the grating has 15,000 lines per inch indicates the precision of the instrument. About 100 such lines could be placed on the cross-section of a common razor blade. According to Dr. Ziegler, these lines must be absolutely parallel and cut to the same depth on the grating.

Studies of the effects of very small amounts of materials in metals is just one of the uses planned for the instrument. As an example, Dr. Ziegler stated that the presence of one part of aluminum in 1,000,000 parts of bronze can be detected. The instrument can also be used in organic chemical analysis.

4 IIT Profs Will Talk at Math Meet

Four Illinois Tech faculty members will speak at the fiftieth annual meeting of the American Mathematical Society, Friday and Saturday, November 26 and 27.

Dr. Lester R. Ford, professor of mathematics at Illinois Tech will be chairman of the arrangement committee. Ford also serves on the program committee.

John DeCicco, Dr. Isaac Opatowski, Dr. Willis B. Caton and L. R. Wilcox are the IIT professors of mathematics who will speak at the meeting.

The Mathematical Association will hold its twenty-seventh annual meeting in conjunction with the AMS, November 27 and 28.

All sessions will be held in the west lecture hall of the Museum of Science and Industry at 57th street and South Shore Drive.

Dr. Ford urged that IIT students attend the meeting to reap the benefits of the varied and interesting talks.

Erickson's Office Moved

The office of O. Gordon Erickson, director of the IIT music clubs has been moved to the southeast corner of the Student Union auditorium. His office was formerly located in the southwest corner behind the auditorium.

We buy and sell
new and used

TEXTBOOKS

10% to 50% Savings

TECHNICAL BOOKS

GENERAL BOOKS

COLUMBIA

EDUCATIONAL BOOKS,

INC.

151 No. Michigan Blvd.

DEArborn 0456

Always extending

a friendly service.

FREE ATTENTION! SERVICE MEN

You can have a complimentary picture taken, see your proofs, and order prints only if you like the proofs.

Bring this ad with you.

MARSHALL PHOTOGRAPHER

162 N. State St.

Hours: Daily 9:00 to 8:00
Fridays 9:00 to 6:00
Sunday and Holidays 10:00-4:00

"Official Photographers for
Illinois Institute of Technology"

SIX F-M Project Is Completed

Rho Epsilon Transmitter Will Be Tested Soon

The F-M transmitter has been completed.

Constructed by Rho Epsilon, honorary radio engineering fraternity, the frequency modulation transmitter is soon to be tested, it was revealed by Ken Black, Rho Epsilon president.

The project was started in the summer of 1942, but the scarcity of critical materials has hampered its progress. Although the transmitter is now ready for operation, it will not be used for standard broadcasting until after the war.

The Federal Communications Commission requires that a monitor, a device used for checking frequency, be used in the transmitter. The monitor cannot be obtained until after the war. Inadequate studio facilities also hamper immediate operation.

Rho Epsilon is continuing plans for the future operation of the transmitter, said Black. Meanwhile it will be used for instruction purposes in the senior radio engineering classes.

● "WHO'S WHO"

(Continued from Page 5)

William Nash, a senior in civil engineering, is a member of the Honor Board, Chi Epsilon, honorary civil engineering fraternity, Tau Beta Pi. He was awarded a freshman competitive scholarship, the Isadore S. Prenner and William J. Cook scholarships.

William Parks, a senior in civil engineering, is captain of the hockey team, president of Tau Beta Pi, a member of Chi Epsilon, editor of the Transit, and has been awarded the William J. Cook scholarship. He is also a member of the track team, Honor I, the Armour Players and the Glee Club, and a member of the sailing team which finished eleventh in the Midwest Championship meet.

Arnold Thompson, a senior in industrial engineering, is business manager of the Integral and was awarded a scholarship.

Roger Veatch, a junior majoring in chemistry, was awarded the Noyes scholarship, was president of the sophomore class, a member of Alpha Chi Sigma, and the Daedalians.

Harry Gillespie, a senior in mechanical engineering and aerodynamics, is a charter member of Tau Omega, former secretary of the ITSA, president of the Interfraternity Council, chairman of the Student War Council, and former president of the golf team.



"I love to kiss Jane in the summer."
"How come?"
"I feel so cool when I stop."
V V V V
"That new star you are managing is good but she's awfully skinny."
"Yes, she has one of those vegetarian figures."
"What's that?"
"No meat."
V V V V
Harry: "Do you think you could learn to love me?"
Harriet: "I don't know, but I wouldn't mind taking the course."

V V V V
Under the Heading, "GAS OVERCOMES GIRL WHILE TAKING BATH" the following appears in a local paper:
"Miss Cecelia M. Jones owes her life to the watchfulness of Joe Colley, elevator boy, and Rufus Bacon, janitor."

V V V V
She: "I held a big party last night. Why didn't you come?"
He: "I was holding a small party."
V V V V
"I was at a place yesterday where you could walk for miles before you'd notice a human face."
"Where was that?"
"At a nudist camp."

V V V V
"I forgot that girls' name over there."
"The girl with the bare knees?"
"That's it, Bernice."
V V V V
He: "A perfect night and a wonderful girl: what a wonderful combination!"
She: "Heavens! Is that showing?"

"Helene is two-thirds married to Bob."
"Really?"
"Yes: she's willing and the preacher is willing."
V V V V
The old fashioned girl who used to cry when a young man kissed her still cries—for more.
V V V V
Suitor: "Sir, I'm very anxious to marry your daughter."
Her Dad: "Anxious, eh? Ever been married before?"
Suitor: "No, sir."
Her Dad: "Ah, that explains it."
V V V V
"Just one more kiss, darling."
"On an empty stomach?"
"Of course not! Right where the last one was."
V V V V
"What did you do when Jack tried to kiss you last night?"
"Believe me, I gave him a mouthful."
V V V V
She: "So you kissed that painted creature?"
He: "Yes, I saluted the colors."
V V V V
"I understand that Ethelyne is thinking of getting married."
"Don't be silly; people that are getting married are not thinking."
V V V V
He had just stolen a hurried kiss.
"Don't you know better than that?" she demanded indignantly.
"Sure!" he replied, "but they take more time."
V V V V
"Did you say your girl's legs were without equal?"
"No, I said they knew no parallel—she's bow-legged."

BISS (SNUFFY) SMITH

Freud to Come Back in March

To Head IIT Chemistry After 2½ Year Leave

Colonel Benjamin Ball Freud, professor of chemistry and chairman of the chemistry department, will return to Illinois Tech March 1, president Henry T. Heald announced today. Dr. Freud has been on a leave of absence since the summer of 1941 in order to serve with the chemical warfare service.

Dr. Freud's return is occasioned by a recent retirement rule which requires that all officers must be retired from active service when they reach the age of sixty.

His assignment was in the sixth regional office of civilian defense as corps area liaison representative.

Upon his return, Dr. Freud will resume his activities as chairman of the chemistry department, replacing Dr. M. J. Murray who has been acting chairman in his absence.

Since 1910, Dr. Freud has been a consulting chemist and chemical engineer. He is also a member of Phi Beta Kappa, Sigma Xi, the American Chemical Society, the American Institute of Chemical Engineers, the American Association for the Advancement of Science, the Society for the promotion of Engineering Education, and the Chicago Chemistry Club.

ITSA Appropriates \$100 For Juke Box Order

"Illinois Tech will have a juke box just as soon as it can get here", ITSA President Harry Anderson announced after the ITSA meeting last Tuesday.

The student governing board voted to match the alumni gift of \$100 after Mr. John Schommer proposed the plan at the meeting. Alumni president George H. Von Gehr had promised a \$100 alumni donation toward the box if the student body would provide the remaining \$100.

"As the governing board had previously appropriated \$175 for a juke box, but were unable to obtain one, this appropriation could scarcely be out of place", Anderson commented.

Friday Is Deadline For Lewis Biographies

Senior biographies from Lewis students must be in this Friday, announced Blanche Fried, Lewis editor of the Integral, today.

Proofs of graduation pictures should be sent back to the Marshall Studios and not to the Armour campus, she added.

News of Fraternities and Sororities

Seven Men Initiated By Rho Delta Rho

Seven new men were formally initiated into Rho Delta Rho fraternity last Wednesday night. Included in the group are Gerald Fein, Irwin Sylvan, Julius Mantelman, Seymour Patinkin, Norman Patinkin, Harold Leftwich, and Boris Pestine. Following the formal initiation the members and their newly acquired actives held their regularly scheduled business meeting.

Four Offices Filled In Zeta Beta Alpha

Robert Unger was elected grand master of Zeta Beta Alpha fraternity at the group's last meeting.

Also elected were Bert Malina,

grand magistrate; Elliott Friedman, pledgemaster; Jay Korn, dispatcher; and Henry Walens, scribe-exchequer. Zeta Beta Alpha will be guests of the Hadassah Debs at a Victory Mixer Sunday afternoon, Nov. 21, at the Midland Hotel.

Members of the fraternity were guests at a house party given by the Pearl Franklin Junior Hadassahs, Saturday, Nov. 20.

Fleischer Elected To Delta Presidency

Blake Hooper, recent president of Delta Tau Delta fraternity, has been inducted into the V-12 at IIT. Gordon Fleischer was elected president to replace Hooper.

Three other members of Delta Tau Delta in the V-12 are James Neigh-

bor, Richard Michalek, and Lawrence Johnson.

Prospective pledges defeated the actives in a swimming race during a rush part at the Sovereign Hotel pool Saturday, Nov. 13.

Six Alpha Sigma Phi Pledges Announced

Six men were pledged to Alpha Sigma Phi, social fraternity, it was announced today.

They are James Arrington, Donald K. Hedeon, Warren A. Furst, Jurgen Schmidt, Howard Adamson and William Horn. Donald Price, pledgemaster, directs the activities of the pledges.

The fraternity plans a stag to celebrate Founders' Day, which comes Dec. 6.

COLLEGE NIGHT

Every Friday

EDDIE OLIVER

HIS PIANO AND HIS ORCHESTRA

ENTERTAINMENT

DORBEN DANCERS ANN JUDSON
THREE CHARMS GAY BLADES

STUDENT DISCOUNT

Get student Courtesy Card at
School Bookstore

Admission with Card 65c per Person

EDGEWATER BEACH HOTEL

5300 BLOCK SHERIDAN ROAD

Have a "Coke" = Come in and sit down



... from St. John's to Schenectady

Friendly greetings like the *Come in and sit down* of the Newfoundland fisherman and the *Have a "Coke"* of the American soldier are understood everywhere. Around the world Coca-Cola stands for the pause that refreshes—the universal high-sign between strangers.

BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY
COCA-COLA BOTTLING CO., OF CHICAGO, ILL.

