

WITH THE BEGINNING of a new semester many students are looking forward to an increase in the activities of the many clubs and other organizations about the campus. As the basis of technical groups, it is hoped that the engineering societies will be able to increase their activities. During the past two semesters the Western Society of Engineers has held but one assembly. With the exception of the ASME, the other societies have presented little more than the WSE.

The one suggestion that might be advanced which would bring them to the fore is that each organization should hold at least one meeting every three weeks at which a speaker would be presented. In addition to this, evening meetings should be held at intervals of four or six weeks where either another speaker could be presented with less of the usual formality or the gathering could be one of informal discussion between the students and faculty.

With the start of a new radio club, which is being sponsored by the radio honorary, Rho Epsilon, new openings should be created for many students. Since the Armour Players are planning their spring production, they will soon call for new members. The dance club is open to all students and is active every week. The glee club and orchestra are calling for new members. These groups and others offer much for both the new students and the old. They have but to take advantage of their opportunities.

IT SEEMS PROPER to ask why Honor System pledges were omitted from the registration procedure. Unless students have pledged themselves to abide by its regulations, they cannot be expected to act in accordance with the system.

A NOTED improvement in the quality of the food that is served in the cafeteria has been noticed during the last month. Miss Ferguson and her staff deserve credit for this. While it is true that some persons will never be satisfied, the thoughts of the majority of students is in accordance with the above statements.

THE F-M MUSIC which is now being supplied by Rho Epsilon will continue after this week only if the students express a desire to have it continue. The fraternity has asked that comments be sent to *Technology News*; their decision will be based upon such comments. A special war workers program is given during the lunch hours and should provide very enjoyable music.

IN ANSWER to the questions of a number of west campus students, although no concrete results of the Lounge Committee can be observed, some headway has been made, and it is hoped that the students will soon be able to see some of it. Since a lounge fee has been charged, it is only right to expect that the lounge will be in use before long.

IN ORDER to avoid conflicts and other difficulties which have existed in the past, Dean Charles Tibbals has requested that all clubs, societies and other organizations inform his office as to the time and place of all meetings. In the past some difficulties have existed because of non-compliance with this rule.

F-M Music Broadcasts to Be Resumed By Rho Epsilon During Luncheon Hours

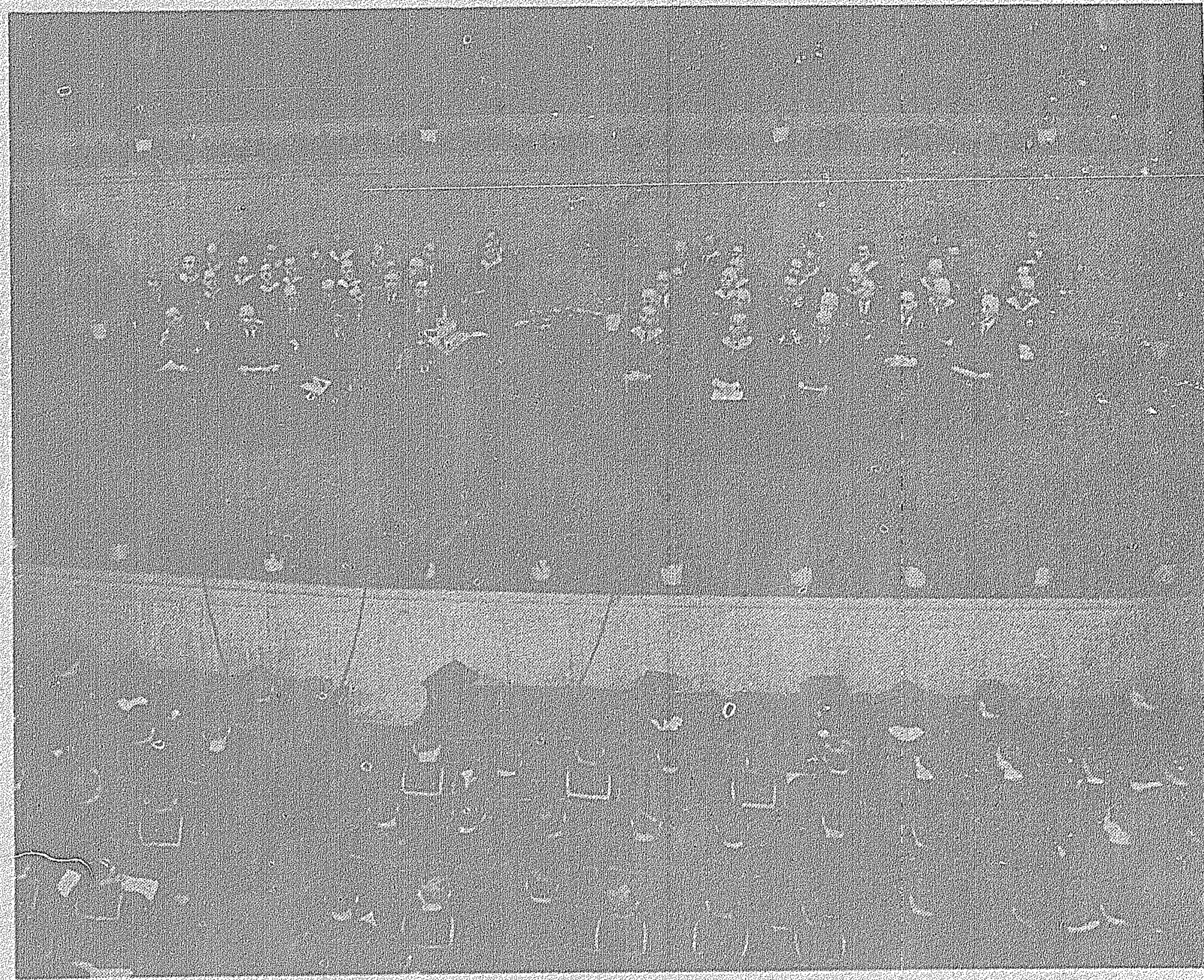
F-M broadcasts will again be presented during the luncheon hours to the student body. The music will be heard in both the lunchroom and the balcony of the auditorium.

Rho Epsilon, honorary radio engineering fraternity, will conduct the broadcasts. Burt Fried and James Crumb, members of Rho Epsilon will operate the F-M set.

TECHNOLOGY NEWS

IIT Politics to Hit New High

Illinois Tech's Fiftieth Anniversary Commencement



PRESIDENT HEALD SPEAKS—President Henry T. Heald is shown reporting on the progress of Illinois Institute of Technology at commencement. The picture shows a view of the platform as seen from the second floor.

March 25 Set As IIT General Election Date

Students Will Choose ITSA President for 1st Time in History

Illinois Tech is about to enter its biggest student political activity in history.

With one exception, a complete new set of student officers, both for the ITSA and for classes, are to be elected. This election has been set for Friday, March 24, Ronald Lind, the retiring first vice-president of the ITSA announced today.

Officers for all the classes and eight new ITSA board members will be chosen by the student body at this time. Highlight of the election is the fact that it will mark the first time in history that Tech students have had an opportunity to elect their president as president.

Under the old system of student government, the person who later became ITSA president won his post as a sophomore when he was elected sophomore representative. This man then automatically ascended to the presidency when he became a senior.

Last year a reform in student election eliminated this procedure. It provided for direct election of the president.

The first president to be named under the new system will be chosen in the coming elections. Other ITSA officers to be elected include: first vice-president, Lewis vice-president and secretary. The other four ITSA members will be chosen in class elections.

Class officers which will be elected are: president, vice-president, secretary, treasurer, Student Union Board of Control representative, and ITSA representative.

To run for office, it is necessary for a student to file with the ITSA a petition containing 25 student signatures. (See IIT POLITICS on Page 5)

\$5,008,000 Has Been Given IIT

Sum Announced At Graduation President Heald Gives Report on Progress

More than five million dollars has been contributed to Illinois Institute of Technology since its formation in 1940.

This fact was revealed by President Henry T. Heald in remarks which he addressed to the recent 50th anniversary commencement exercises. President Heald reported that gifts and grants to sponsor specific research have totaled \$5,008,000, exclusive of government contracts.

"Our overall operating budget has been increased more than four times," Heald also revealed. This means that Illinois Tech now spends more than four times as much each year than in 1940.

It was in 1940 that Armour and Lewis institutes were merged to form Illinois Tech.

"Already we have been able to purchase most of our campus requirements in land," Heald stated with regard to progress on the consolidated campus. He also pointed out that two new buildings, "to be used exclusively for research," have been constructed.

His announcements were made as a report on how the "new" college had fared. President Heald felt that an observance of the fiftieth anniversary of the opening of Armour would be an appropriate time to make such information public.

President Heald also told of Illinois Tech's contributions to the war effort and emphasized the importance of the college's responsibilities to the future.

Registrar Does Not Know When Civilian Grades to Be Sent Out

The registrar does not know when civilian grades will be sent out. In making this statement, Dr. Charles W. Kepner, registrar, pointed out that his office must take care of the army and navy grades first. After this has been done, the students will receive notice of their grades.

All those who received D's or E's have already been notified of this when they registered, he said. Hence, all of the grades yet to come out will be C's or better.

5129 Persons Studying at IIT, But Only 1540 in Day Classes

There are now 5,129 persons studying at Illinois Institute of Technology. Dr. Charles W. Kepner announced the latest enrollment statistics on Friday.

But 1,540 of these are day college students. Including both navy and civilians, 1,343 students are studying in the college of engineering, while 197 are enrolled in arts and science.

Counting the apprentice seamen at George Williams, the navy engi-

neers outnumber the civilians, there being 690 navy students and 653 civilians.

In all, there are 2,359 persons enrolled at the college of engineering, 448 in arts and science, and 2,322 in ESMWT classes.

A complete breakdown of the statistics announced by Kepner shows:

ARMOUR	
3rd Term 1943-44	
Graduate (Day)	40
College	653
Navy	690
Army	354
Evening Graduate	176
Evening College	446
Total	2359

LEWIS	
3rd Term 1943-44	
College	197
Evening College	251
Total	448
E.S.M.W.T.	2322

(See \$5,008,000 Given on Page 5)

A-12, V-12 Tests Are Wednesday

Qualifying examinations for a new army college training program will be given simultaneously with the navy V-12 tests at 3:45 a.m. Wednesday in room 305 Main.

The new army program, known as the Army Specialized Training Reserve, will include only men who are high school graduates and who have not yet reached the age of 17 years and 9 months as of July 1, 1944. Men in this category will be assured of at least six months of college work "except in the event of an unforeseen military emergency."

The cost of tuition, fees, food, housing, and medical care of the men selected will be paid by the army. The men will be assigned to curricula in applied science, chemical and biological sciences in preparation for medical and dental studies, or mathematics and physics.

Men between 17 and 19 years inclusive who qualify and are selected for the V-12 program will be sent to college under the same system used in the past.

Applications for the two programs may be secured in Dean James C. Peebles' office.

TWO TECHNOLOGY NEWS

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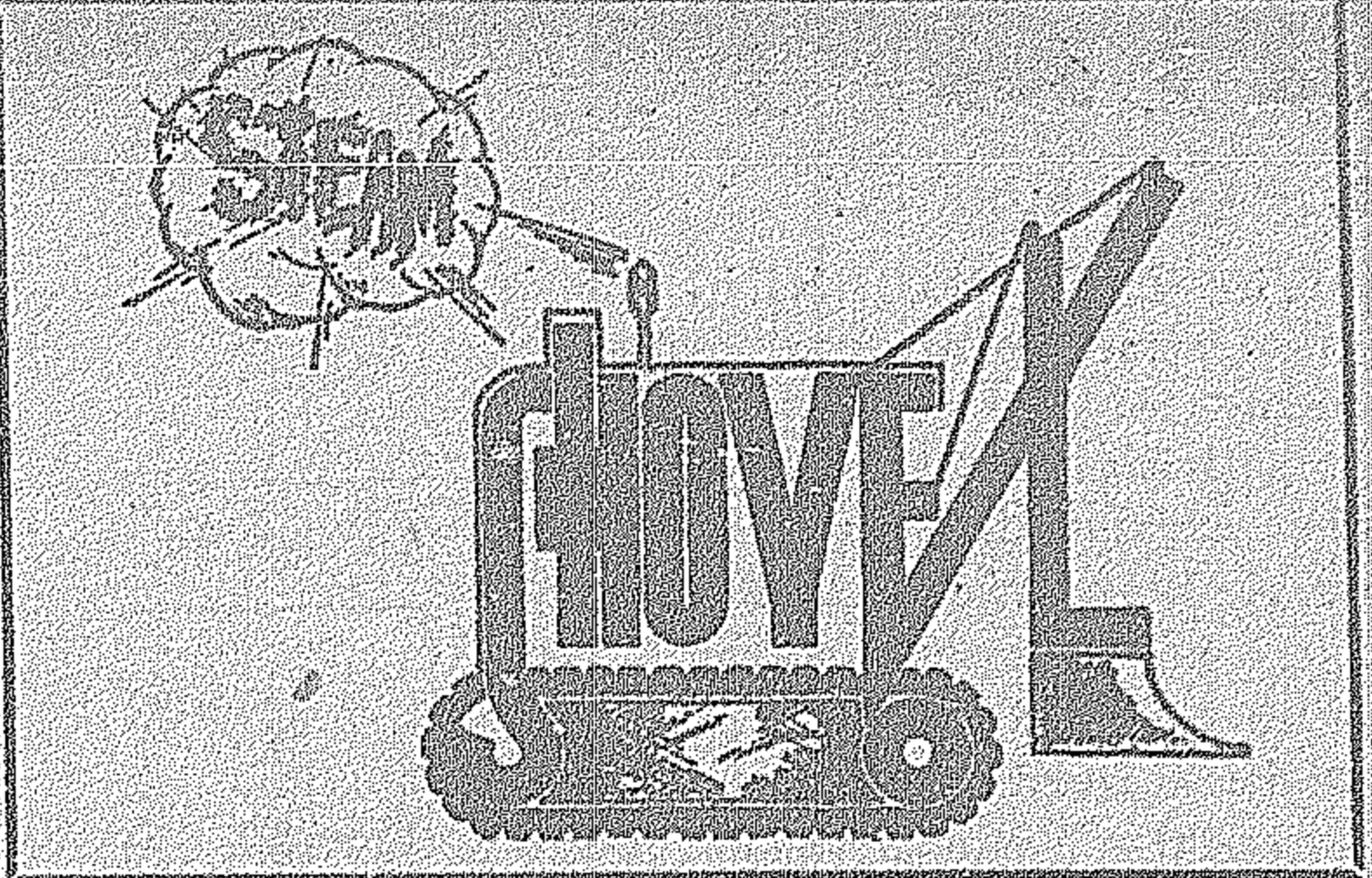
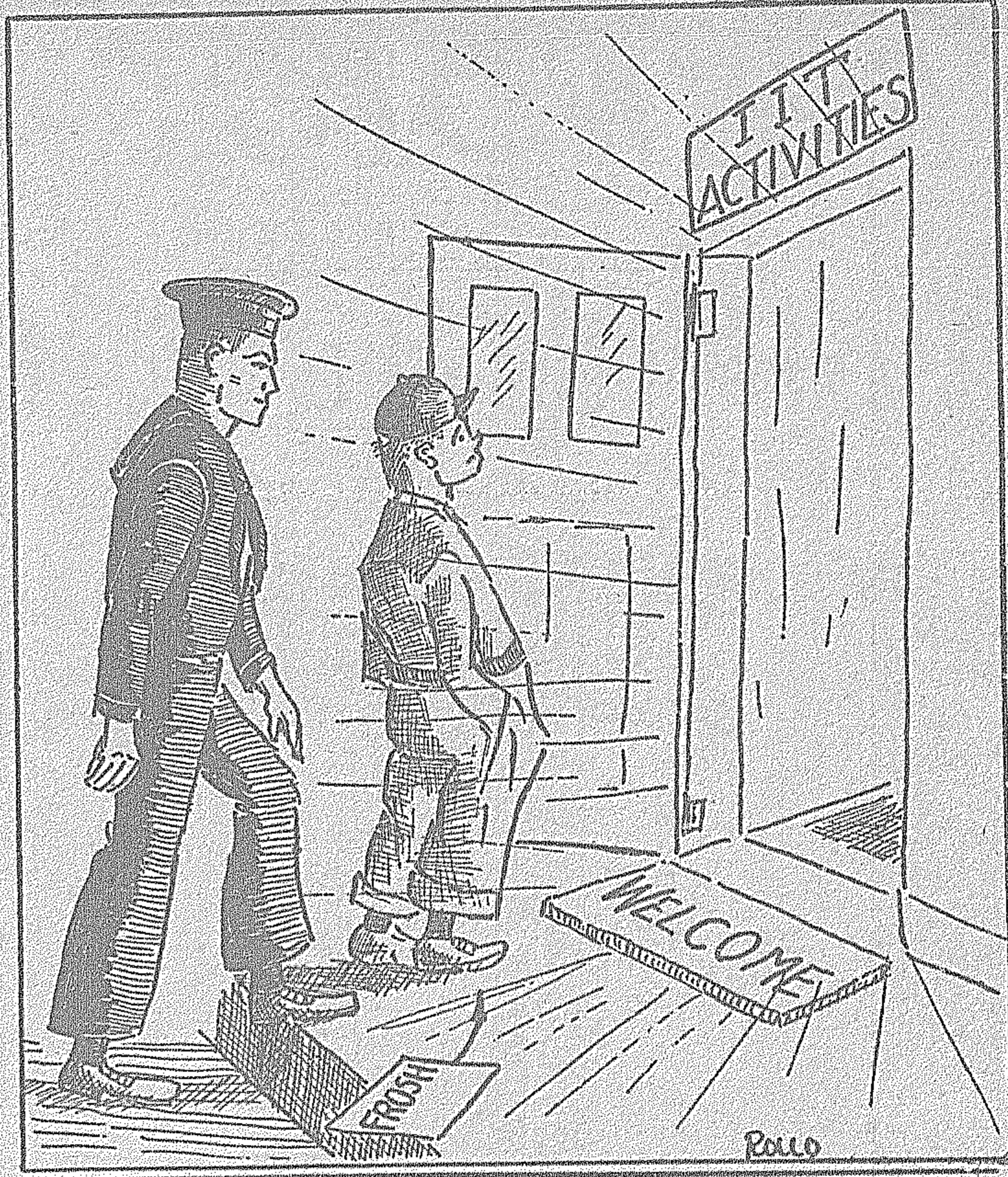
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The Welcome Mat Is Out



After a bit of a breathing spell we now knuckle down to those lads who have those unfortunate experiences of life, so it says here.

Wonder who established in the minds of the bystanders of the Junior Stag why anyone should yell or scream "Kill the mug" when the plug of the projection machine was pulled in the middle of a dull and uninteresting picture. Among many, Bill Krone was seen to be open mouthed and wide eyed. Does anyone wonder why? Maybe they are students of visual education.

From the looks of the situation it seems that the lads at the Senior Stag were all in the upper brackets in the income tax this year. Not only was the game financially exclusive but it was operated in the atmosphere of the vast space behind a piano. Innocent bystanders believed that termites had invaded the piano.

Late last semester Dr. M. H. Heins, mathematics instructor, became a member of the C.P.P.C. (Cigarless Proud Papas Club), when his wife gave birth to a baby boy. Heins was so excited that day, that he came to school cigarless. In order to make up for this neglect, he dismissed his class.

Two former B.T.O.'s, namely Alan Grant and Harley Flanders, extend a challenge for any B.T.O. to test his prowess. The pretty auburn haired lass, who has brought misery to these two Armourites can be reached at Sag. 9325. Just ask for Ceylee and it is guaranteed that in two minutes you'll be an S.T.O. All right now fellows here's your chance, grab that phone.

Recent winds have seen the addition of several new operators notably Frank Kutcheck and Wally Grengg to the visual education staff. Could the reason for this lie in the arrival of visual education's secretary, blonde Betty Soule.

For the benefit of new readers to the "Steam Shovel", the editor thinks it is fitting to point out and classify the various honorary titles prevalent on the campus:

1. Heading the list is the BTO or big time operator, who never takes "no" for an answer. Example: George Schober a/s.
2. Then comes the MTO or mean time operator, who sometimes takes "no" for an answer. Example: Tom Kilgariff.
3. Next on the list comes the STO or small time operator, who will accept "no" for an answer. Example: Harley Flanders
4. Lastly there is the SSTO or smallest small time operator. This type becomes the future hen-pecked husband. Example: Bob Havlick

In a class by himself is the BMOTC or the big man on the campus, who gives the impression (to the frosh) of the professor, genius, and what have you. He is not necessarily a BTO. Example: Burt Fried.

A/S Doug Snyder seems to have liked Kalamazoo, Michigan quite a bit as after the swimming meet he took the last train bound home (meaning IIT). By the way, what was that hotel that he visited to lay down for a while after an evening of inebriation with his partner in crime, and why leave after just being in for a minute. Must have been bad service, eh fellows?

Our boy Backas is really turning out to be the South Side's biggest wolf. Lately it was heard "What a dish, what a chassis whew" from this gay Cassanova. That description, my fine friends, is of Alyce Taylor, a Morgan Street belle, who must be quite the thing. So determined was he to whip up a deal without competition, that he was seen to be slyly slipping knockout drops in her escort's beer. But to his dismay he found that the drops had lost their potency. What a system?

Gus Barnes is having his troubles keeping off the company of many of the girls at Lewis. It appears that he is not trying very hard to get rid of Selma Josephs. This may explain the red marks on those hankies in Gus's weekly laundry.

The latest weekend diversion for the "eager beavers" of Quarters #2 and #4 is indoor skating. According to the experts, the system is to skate around in twos or threes, (wolf pack style) until likely prospects fit by and then peel-off for the kill.

"I have now lived", said Jim Oldshue in an ecstatic sigh, after covering a section on inertia in Mechanics. It seems that Jim never knew where those wild formulas came from. Maybe he thought that they just happened.

—BROTHER ALOYSIUS

Honor Without Meaning

Approximately fifty percent of the faculty find that the Honor System has not been working in a satisfactory manner. This was determined from the faculty questionnaires distributed by the June class last semester, the results of which are now compiled.

Their beliefs were no doubt strengthened last month during the week of final examinations. Mass cheating was known to exist in the physics final. Students have reported to the editor of this paper cheating in many of the other exams. These students, however, refuse to report these incidents to the honor board.

In one laboratory, it has been charged, that the reports handed in by some students have been stolen from the instructor's desk, a new cover put on the report, and then have been turned in under a new name. The theft, not limited to one case, forced the instructor to disregard the reports in computing grades.

Action such as this on the part of men who will soon ask to be accepted as members of a profession or as officers of the United States Navy is incomprehensible. Such action on the part of students who voted for the honor system is despicable.

There is no doubt that a great deal of this will be and has been brought to the attention of the Honor Board. There is also no doubt that the board will dispose of the cases that come before it in a just manner. If punitive measures must be meted out in order to carry out a system of the students' own choosing, the members of the Honor Board, who are also students, will comply.

Those who will not recognize the Honor System are not wanted in this institution by the members of their future profession, or by the navy. Such persons should not be allowed a place on the school's deferment quota. Naval students in this category are potential blemishes on the record of the navy and as such should be removed from school.

If the Honor System is to exist on this campus, and the great majority of students are determined that it shall exist, it is the duty of the students to maintain it. This maintenance goes further than the refusal to accept or give aid during an examination. The board has stated that if someone is seen cheating, he should be told, in some manner, that he has been seen and should desist. If he persists, a report should be made to the board.

Obviously it is the lack of compliance with the latter part of the above statement which has caused the faculty to find fault with the system. There are some individuals in every institution who will not adhere to the rules. It is the duty of the honest students to report infractions so that such persons may be weeded out of IIT Society.

HAROLD BURKART

Research Reports

Fiber Structures Subject of X-Ray Diffraction Research

(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.)

X-ray diffraction is among the methods used to find out how the molecules are arranged in a substance. Many questions of structure have been answered in this way, and it will probably continue to be a powerful aid in the future.

One of its applications concerns the so-called "crystalline" structure of natural fibers—the familiar cotton, wool, silk, etc., as well as synthetic fibers such as rayon and nylon. Research of this sort has for some time interested Dr. Edward Bicek, chemistry instructor at IIT, and he is currently investigating it, using an X-ray diffraction unit which he constructed here.

Now the nature of X-ray diffraction is not difficult to understand. A sample of the substance to be examined is exposed to a narrow beam of X-rays. The rays are "scattered" by the substance and then impinge on a photographic plate.

Suppose that the substance being examined is one which has a crystalline structure—common table salt, sodium chloride, for example. In this case, it is found that the X-rays are "scattered" in a certain definite manner upon passing through the salt, so that they produce a regular, sharply defined arrangement of spots on the photographic plate. From this scattering pattern it is possible to obtain information concerning the manner in which the sodium and chloride ions are arranged in the salt; e.g., the distance between adjacent layers of molecules in the salt.

If on the other hand, the material

is wholly amorphous—that is, without any regular, crystalline structure—no such effect will be produced. The rays will blacken the plate in a more or less uniform manner, and there will be none of the sharp spots which characterize crystal substances.

This, then, is also a way of determining to what extent the structure of a substance is, or is not, crystalline. Dr. Bicek applies it particularly to high polymers—compounds in which the molecules are several thousand times larger than those of ordinary substances.

In fibers such as cotton, wool, silk, etc., these polymers take the form of long molecular chains. It is thought that these are lined up approximately parallel to one another, and that for small regions are so regularly arranged that they may be considered "crystalline".

Dr. Bicek plans to investigate this regularity using X-ray diffraction methods. Such data affords, at present, the nearest thing to having an actual picture of the atomic and molecular arrangements. At present there are many unanswered questions concerning the structure of these fibers.

SUCH IS LIFE

To one interested in the study of that member of the human family known as a college student, the beginning of a term is one of the best times to view this creature. The interested person should collect a bevy of chorus girls as lures. A devotee of the subject made the following observations at one college.

First came a senior who, as he saw the females, ran his tongue over his lips, emitted a low moan, turned glassy-eyed and sank to the ground. This subject, being more dead than alive, was of little use to our observer so stepping over his prone form he passed on.

ing came a series of howls similar to that of a wolf pack in full cry and several juniors and sophomores descended on our little group and left our hunter lying helpless on the ground. This is the college student in his prime but we have no data on them as our observer was too helpless at the time and he lost his notebook and pencil.

Finally our informer ran across the last species of the college student, a freshman. This phenomena approaching the bait, said, "Can you tell me the way to Room 13?" Then looking up he said, "—Gulp, a girl," and fainted dead away. Well?—

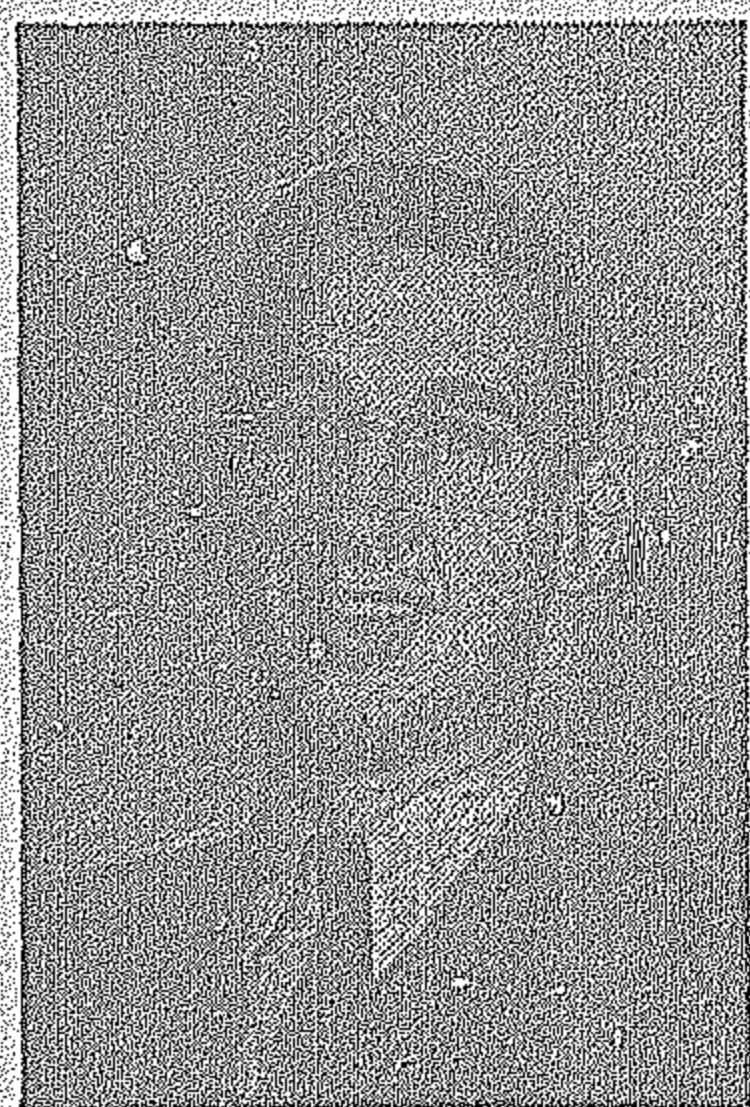


Man Of The Week—

James ("Jimshoe") Oldshue Is Top Sportsman and Journalist

By TOM KILGARIFF

The outstanding accomplishments of James ("Jimshoe") Oldshue in the fields of scholastic, athletics, and student publications results in his being selected as "Man of the Week."



—By Katz
JAMES OLDSHUE

His recent nomination as sports editor of the coming integral is his newest achievement in literary endeavors. Only last semester he was pledged to Pi Delta Epsilon, the honorary journalism fraternity, for his meritorious work on the Technology News as sports editor.

"Jimshoes'" 6 foot 5 inch frame dominated the pivot position on this year's highly successful basketball team. His play was augmented by his previous year's experience on the varsity squad and with the Cicca Wizards. Jim's presence on this freshman basketball team enabled them to become intramural champions and to defeat industrial and service teams like Acme Steel and Navy Pier.

Continuing in his athletic endeavors Jim pitched and played

first base for the baseball nine. Before entering IIT he played baseball and basketball for two seasons with Fenger High School.

Not only a BMOC (Big Man on Campus) and a school athlete, Jim is also an excellent student. Winner of a freshman scholarship, he has been an Honor Marshall for the last two semesters. His average, which is a personal secret, is one of the highest in the school.

Majoring in chemical engineering he is a member of Alpha Chi Sigma, his professional fraternity. Jim is also a student assistant in the same department.

Although unattached to any one particular girl, Jim still attends most of the school's social functions. His leisure moments are spent in playing "Boogie-Woogie", no less.

His easy going manner and likable disposition can be partially attributed to his frequent trips to Alabama, the former home of his parents.

By Alan Grant
The Carnegie Institute of Technology (Pittsburgh, Pa.) had so many women enter the armed services that they decided to have a separate service flag for the girls. The flag now has 103 stars.

Students at Alabama Polytech (Austin, Alabama) claim that their football team was the first to use the hidden ball trick. To substantiate their claims they brought out evidence that their team of 1895 first employed it.

In accordance with the leap year custom, students at Stout Institute (Menomine, Wis.) threw a Leap Year dance in which the gals had to pay the men's way and generally reverse the usual procedures.

Speaking of Leap Year, the girls of the State College of Albany, New York auctioned off the kisses of four male students at a State Fair sponsored by their War Activities Council. Women always find the means to achieve their ends.

The effects of the war on student enrollment are very evident at Grinnell College (Grinnell, Ia.). Their school newspaper, The Grinnell Scarlet and Black, announces a registration of 7 students for the February term.

Room and board at Harvard has increased 30 fold and tuition is 70 times higher than when Harvard was new according to the University of Cincinnati News Record.

"Jeeps, jeeps and more jeeps" can be the motto of the War Bond drive at the University of Kentucky (Lexington, Ky.). The faculty alone has contributed enough money to purchase 84 jeeps.

Mottos remind one of the business college of the University of Indiana (Bloomington, Ind.). With slogans such as "Satisfy Your Gripe", and "Don't Squelch Your Squeak", they have originated a "Squeak Box" in order to receive suggestions to better the activities of the business school.

A poll was taken among the men of St. Mary's college concerning a proposed change to make the school coeducational. Results show that they are against the change.



CLAUS von FREDERSDORFF'S father Count von Fredersdorff, was an intimate friend of the late Kaiser Wilhelm...A/S GEORGE MARTINKO worked as a senior draftsman for the Republic Steel Company before entering IIT, yet he was required to take TD III when he enrolled there...PROF. R. V. PERRY holds the longest teaching record at Armour. He started his career in 1901...JOHN ENANDER attended IIT for two semesters before he received his high school diploma...JUNE ZIMMERMAN, graduate student, won a city-wide Yo-Yo contest in Milwaukee in 1936...RAY OLSON, sophomore mechanical, is following in the footsteps of his brother ART, who graduated last month. They both were Valedictorians of their respective classes at Tilden Tech...TOM LECHNER, a/s, backstroker for the Tech-hawk swimming team, is the only squad member who has taken a first place in every meet...ROBERT G. WILSON has made trips by bicycle to Canada and Minnesota...VIRGINIA PENNISTON, graduate student in biology, is the only out-of-town day student at Lewis...DICK TRUEMAN has never drunk any coffee in his life while JIM OLDSHUE has had only one cup.



(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired. The Managing Board reserves the right to select the letters to be printed whenever the number of letters submitted exceeds the space allotted for this column.)

Lunchroom:

Concerning the lunchroom, the food is improved. But, the service is poor and the hours are no good; for example: the last class ends at 5:30 and the lunchroom closes at 5:30. Therefore, students attending the last class and having night classes also, have to chew their fingernails during class in place of other nourishment.

Can nothing be done about this? At least sandwiches could be sold later in order that these victims of circumstances could have something to sustain them for their classes. Of course, eating is not a required subject for an engineering degree, but it could be included in the program. D.A.

It seems that I recall reading in Technology News some rather uncomplimentary things about the lunchroom. Having heard so many complimentary things of late, I thought perhaps I'd better get them on record.

It seems to be the unanimous opinion of the faculty that the food has really improved. I've heard nothing but the highest praise for the food (can't say the same for the cokes) from the faculty. One instructor who says he has been conducting an informal survey each day among those eating around him reports that he too has found nothing but real satisfaction with the food and the new management.

Another, ala Lil' Abner, even remarked the other day that he'd gotten the best pork chop he'd ever

eaten in the Faculty Grill.

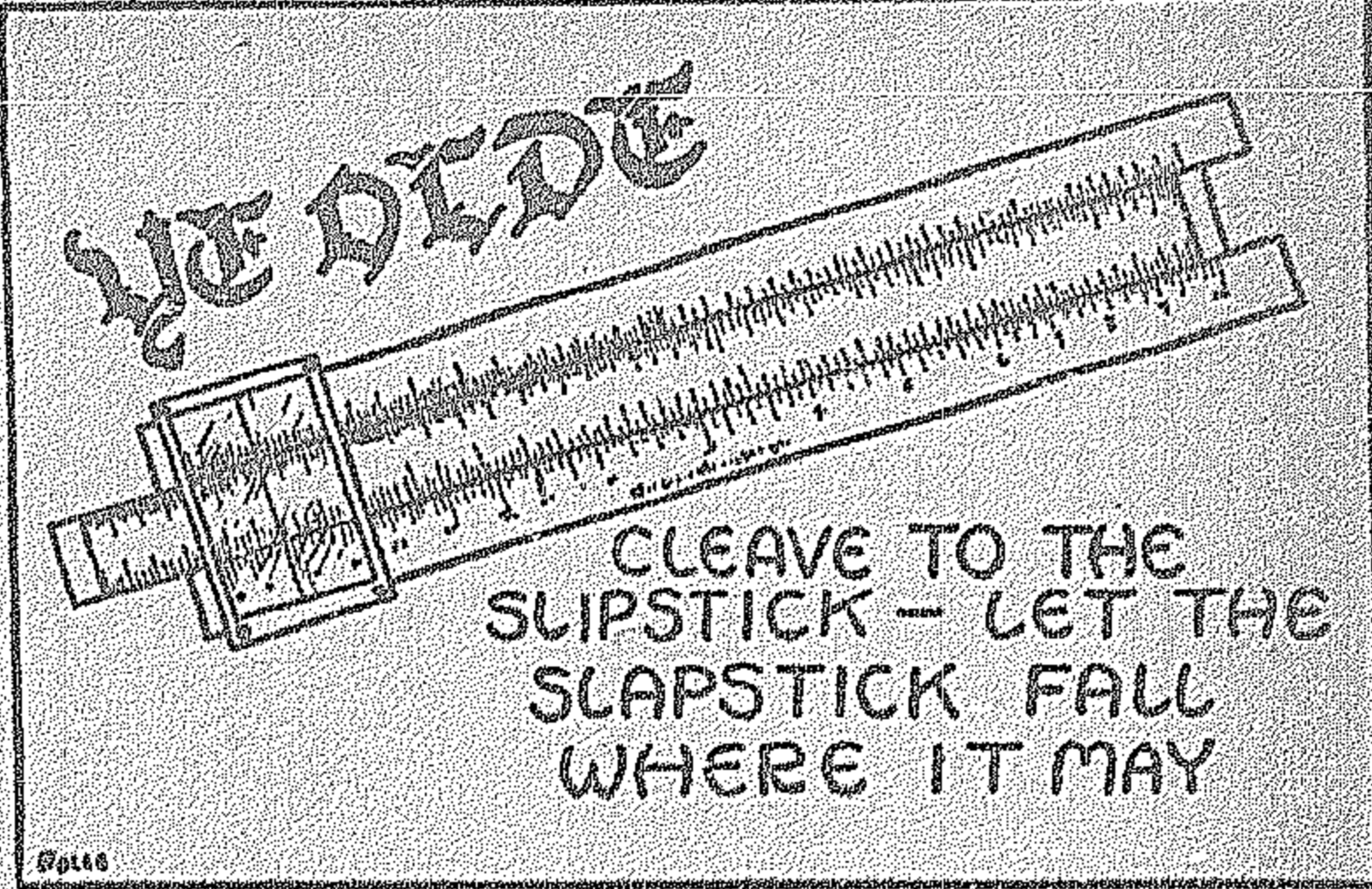
I'll agree that the food has improved, but not having the privilege of eating in the Faculty Grill, I won't be quite as lavish in my praise as is the faculty. The secretaries feel the same way, I am told. We're enjoying the food the new regime has brought us—but how about getting us as completely sold as is the Faculty?

Do we get the same food as does the Faculty? D. J.

Student War Council:

During this period of war all the interests of Illinois Tech are subordinate to the one great interest of winning the war. In order to coordinate the defense activities at Illinois Tech, the Student War Council was created. Its members were appointed by the ITSA. In its first year of existence the Student War Council did not do much of anything. In the ensuing years, (we are now in the third year) this body has kept up the high standard with which it started. To top off this brilliant record the graduating seniors took it upon themselves to appoint their successors, thus establishing a dynasty of "do nothings."

At the present time the Red Cross is conducting a national drive in which every group, especially Illinois Tech should take part. The War Council has taken the situation in hand, and as usual put the hand into its pocket. War Council, where are you; who are you; and why aren't you doing something? J. J. Drain



As a new semester begins I am taking over where Bis Smith left off. Bis thought he would rather tell his jokes to the Army.

He: Since we met I can't eat, I can't sleep, I can't drink.
She (blushing): Why?
He: I'm broke.

MacTavish: How do you like your radio, Fergusson?
Fergusson: Mon, it's grand! But the wee light's hard to read by.

Girl: Does this lipstick come off easily?
Clerk: Not if you put up a good fight.

Husband: "Darling, I have made up my mind to stay at home."
The better half: "Too late dear, I've made up my face to go out."

Engineer's expense account:
Date Amt.

1	Ad for girl steno	.50
2	Violet for new steno	.65
3	Week's salary for steno	15.00
9	Roses for steno	3.00
11	Candy for wife	.75
13	Lunch with steno	6.25
15	Week's salary for steno	20.00
17	Movie for self and wife	.30
18	Theater tickets for self and steno	7.50
19	Candy for wife	.75
20	Lillian's salary	25.00
21	Theater and dinner with Lillian	21.75
22	Fur coat for wife	625.00
23	Ad for male steno	.50

The fellow who sits in his car all night isn't waiting for his wife. He's waiting for two gentlemen; the fellow who owns the car in front and the fellow who owns the car in back.

Then there is the one about the girl that had such beautiful shoulder blades that she always put her sweaters on backwards.

First cow: "Where are the rest of the girls?"
Second cow: "They are over in the other lot having a bull session."

Little Jasper trembled with excitement. Such a project had never occurred before.

I'll go alone, I'm not afraid, Mother. You've nursed me thru childhood. God, I'll never forget. But I'm something of a man now. Yes, sir; one of that seething mass called youth. And what's more I'm game. I don't need your help as I once did. Cripes, Mom, don't cry. We men gotta stick together. I won't be long, just wait.

Little Jasper's face beamed with angelic nonchalance as he pushed open the door to the men's room.

Curious Old Lady: "I see that you have lost your leg, haven't you?"
Cripple: "Well damned if I haven't."

Some girls are like cigars in that they have to be lit up before you can tell if they are good or bad.

A couple were sitting on the lawn admiring the scenic beauties.
"Some moon out tonight," said he.
"Some stars," said she.
"Some dew on the grass," said he.
"H—, but not me," said she, and left.

A sailor was cast away on a desert island. After he had been there for nine years, he woke one morning to find a lovely young woman had floated ashore on a barrel.

"Heigh ho," she said. "And how long have you been here?"
"Nigh on to ten years," said the sailor.
"Gracious," said the woman. "Then I shall give you something that you certainly haven't had for a long time."
"Bust my leg," said the sailor. "Don't tell me you got beer in that there barrel!"

Bear down on those books fellows, remember that March is the shortest month of the year. After all, doesn't the wind blow three days out of every week?
Larry (ex-lover) Cernauskas

Cagers Enter St. Sabina Central AAU Meet

Junior Chems Win Intramural Cage Tourney

They Will Carry IIT's Banner Into Central AAU Tourney

Teams To Play Durso Produce Squad Sunday

Techawks, N.U. Sailors Rated as Co-Favorites By Chicago Daily News

Victors Over Junior Electricals 80 to 75 In Double Overtime

Piling up the greatest number of points ever scored in the IIT gym, the Junior Chemicals whipped the Junior Electricals, 80 to 75 in a thrilling double overtime to become the Intramural Basketball champions.

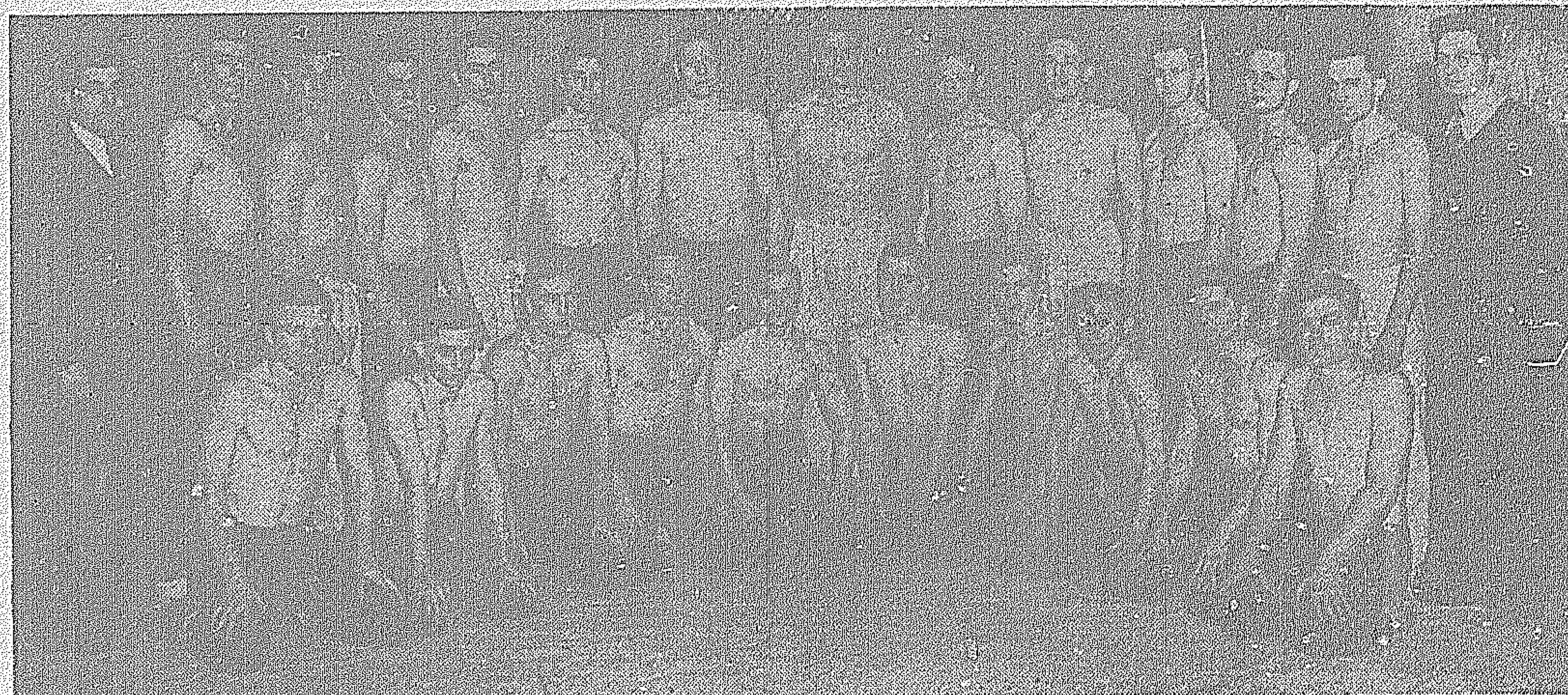
Led by sharpshooting Lou Hagen, the leading scorer with 23 points, the Junior Chems came from behind in the second period to overwhelm the tired but hard fighting Juicers.

After a slow first quarter, the game was stepped up by the shooting of George Schober who led the Electricals in scoring with 21 points. Holding up the Chems attack for the first half was Tom Gavin with 11 of his teams first 15 points. The half ended with the Juicers in the lead, 28 to 27.

In the second half Lou Hagen proceeded to overwhelm the Electricals with his long shots. This fresh onslaught could not be stopped and the Chemicals went into the lead. The third period ended with the score 51 to 48 in favor of the Junior Chems.

The final period brought forth the best in both teams as scoring sprees and mixups for the ball dominated this quarter. With the scoring power of both teams about even, and the Chemicals leading by two points with only a few seconds remaining, George Schober fired a shot that tied the game at 67 all as the gun sounded.

To break this tie, a five minute overtime was played which failed to break the deadlock. Another tense (See JUNIOR CHEMS on Page 5)



TECHAWK WRESTLERS—Coach Bernard ("Sonny") Weissmann announced this week that he would enter practically all of this group in the Central AAU wrestling tournament.

—By Loop Photo Service

Illinois Tech Wrestlers Enter 24 in Daily Times Central AAU Tourney

The Techhawk wrestlers are entering 24 men in the Times Central Division and 16 men in the Novice A.A.U. meet, eight men in the Open Division.

Any wrestler who has won a place in any other tournament must be entered in the open division.

A team trophy is given for the team getting the most points in the open division. Novice division points do not count.

For this reason, Coach Bernard "Sonny" Weissman is offering a strong team in the open division. These men are Ronnie Ailara, J. K. Boughton, Don Albert, E. Churan, Jack Eulitt, D. E. Johnson, R. J. Freund, and Vic Mieczkowski.

Novice division entrants are W.

D. Feldircher, R. C. Moissner, J. A. Centa, A. Marcusson, M. G. Givot, Tom Ruck, C. Smith, E. Allinger, K. Bruegman, John Sacks, Tom Paulsen, J. Capron, B. Steenson, C. McElhane, Ivan Goldberg and R. Bo-

janowski. There are 16 in all.

Preliminaries in the novice division are to be held March 18 and 20 at McKinley Park. Open division prelims are March 21 and 22 at the same gym.



Starting out a new semester, two of the Varsity teams are carrying on for two or three weeks beyond the regular season, while track candidates are preparing to get off to an early start. Baseball weather is just around the corner too, so there looks like plenty of athletics this semester.

Baseball is in a peculiar situation this year. In normal times, practice starts indoors about this time and play begins about the last of March while the weather is still plenty cold. Then about the last of May when the weather is just getting right for baseball, the season is over.

Since IIT is on a year-round schedule, plans are being made to play during the summer semester too. There are enough service teams and other teams playing during the summer that there shouldn't be any trouble in finding games. However, there is one thing holding up practice; no place is available for indoor warm-up sessions. The Armory used by the ASTP, will be vacated in two or three weeks but outside practice could almost be started by then. Tryouts will begin as soon as weather permits.

Lately, quite a few fellows have been seen wearing letters from other schools on the IIT campus. Evidently, they aren't aware of the customs at Illinois Tech that no letters except the major and minor IIT awards can be worn on the campus. Honor I, the honorary lettermen's fraternity, expects that this word of warning will be enough, but they are prepared to enforce this custom if necessary. It might be sufficient to say that such emblems are cut from the wearer of the sweater, with or without his consent, of course.

The Saturday before finals, a fighting Techhawk Hockey team bowed to the Chicago Hornets 9 to 1. Considering that it was the first game for IIT and that the fellows had had only one practice together before, the boys didn't do so bad.

Probably the outstanding game was played by our goalie Bill Stewart a/s. He was besieged with just too many shots to take care of them all, but he did a great job anyway. Sodero scored the only goal for Illinois Tech.

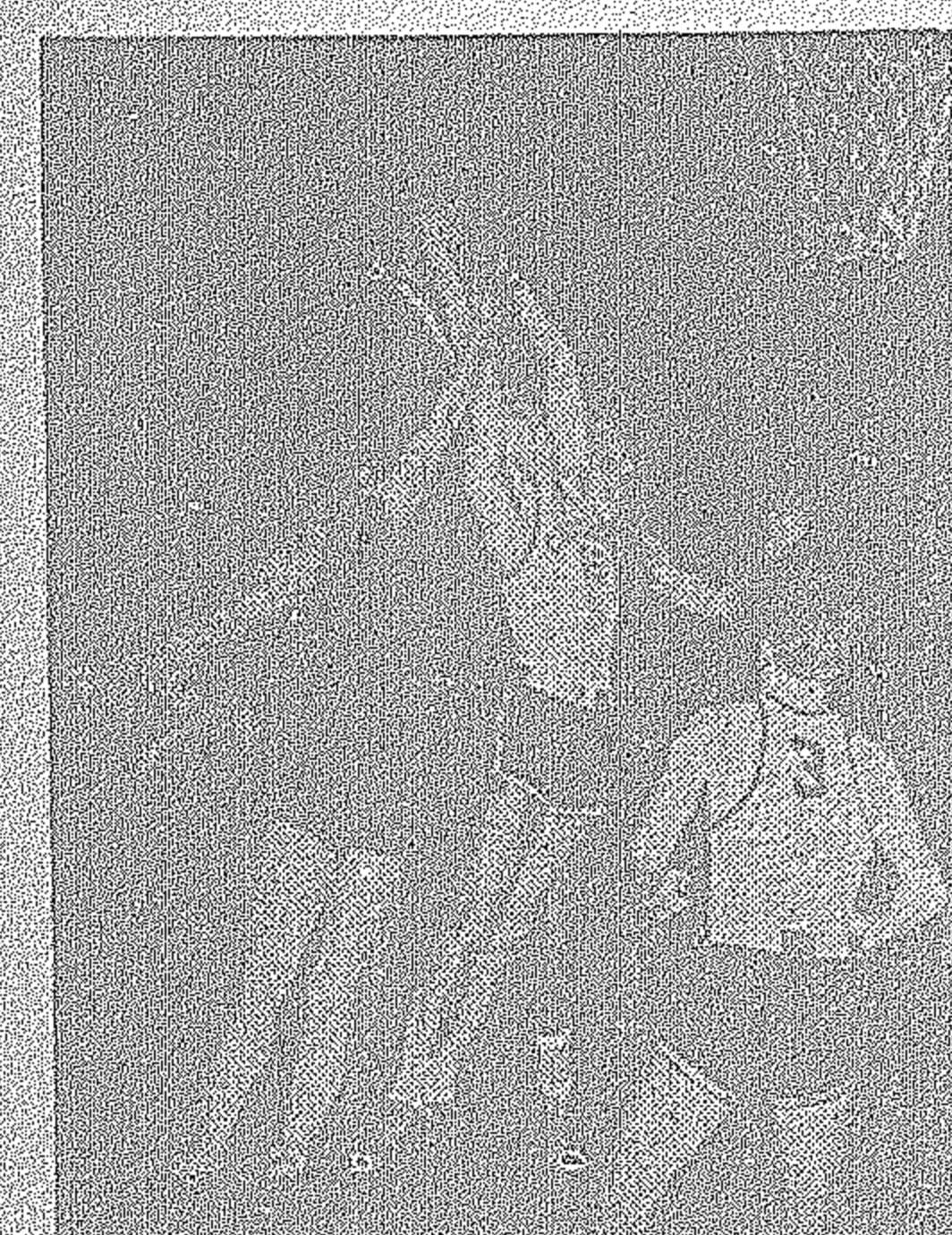
When 10 or 15 men get together to represent IIT in hockey, some effort should be made to give them a coach. These fellows certainly show a lot of spirit when they engage in such a grueling game which isn't even considered a major sport at IIT.

It seems that there is some talk of trying to complete the intramural football tourney anyway. Both the Senior Mech teams are broken up, so the Junior Civils and Soph Mechs were talking of playing off for the title between themselves. Both teams have lost some men, but they agreed to play each other if the intramural officials agreed and the weather warmed up. So far no official decision has been reached.

This arrangement seems to be satisfactory for all concerned. A tourney once begun should be completed and these two teams are the only possible ones to play off for the title.

Cagers Beat U of C and Navy Pier; Reach 15 Straight Wins

Stop Maroons



—By Katz

Winning the last two games against Navy Pier and the University of Chicago, the Illinois Tech cagers racked up the finest season of any previous Techhawk quintet.

These two wins gave the scarlet and grey a season's record of 16 wins and two defeats. They also were the fourteenth and fifteenth straight in their unbroken string of victories.

The Techhawk whirlwind overran the Navy Pier five to the tune of 69 to 49. Getting off to a flying start the two team system completely outfought and outplayed the downtown sailors.

The score at the end of the first half was 38 to 21. In the third period the tiring Navy Pier team attempted a comeback but were hurled back by the pace-setting Techawks.

In the final game of the regular season the Tech cagers met their arch-rival, the University of Chicago, and subdued them with a 46-37 score.

The Techhawk had difficulty in getting started in the first half and it was only thru the sharpshooting of A/S Glenn Neiswander that they stayed in the game.

At the half, Tech was behind 17 to 15 but they got the lead early in the third period and were never headed after that.

IIT (46)				Chicago (37)			
Player	fg	ft	p	Player	fg	ft	p
Fleisher, f	4	2	2	DeGraw, f	5	8	0
Granum, f	2	0	2	Lauritsen, f	0	0	1
Kilgariff, f	2	1	2	Furry, c	2	2	3
Neiswander, f	7	3	1	Planagan, c	1	0	0
Koelc, c	3	2	1	Gallagher, g	3	1	3
Oldshue, c	1	0	1	Whittaker, g	1	0	1
Gavin, g	1	0	0	Thomas, g	0	1	0
Puchalski, g	1	0	2	Pinnegan, f	3	0	4
Kasnicka, g	1	2	1				
Lange, g	0	0	1				
Totals	18	10	13	Totals	15	7	12

IIT (89)				Navy Pier (49)			
Player	ft	fg	p	Player	ft	fg	p
Kidd, c	3	1	1	Flerick, f	3	0	2
Kilgariff, f	4	0	1	Banish, f	10	0	2
Koelc, c	2	1	1	Jackson, c	1	0	1
Gavin, g	2	4	0	Grossman, g	3	0	4
Lange, g	3	0	0	Heitger, g	3	3	2
Granum, f	1	0	0	Kaplan, f	0	0	0
Buckley, f	1	0	0	Burke, f	0	0	0
Neiswander, f	6	2	1	Treits, c	0	2	1
Beicove, f	0	0	0	Pullian, g	2	0	3
Oldshue, c	0	0	0				
Bauch, c	0	0	0				
Puchalski, g	2	0	1				
Kasnicka, g	0	1	0				
Fleisher, f	2	1	0				
Zadravetz, g	1	0	0				
Roberts, g	0	0	0				
Totals	25	11	5	Totals	22	5	15

Finishing up their regular season with a record breaking 15 game winning streak, the Techhawk Cagers are entered in the St. Sabina Central AAU tourney.

Their first game is Sunday, March 19 at 7:45 p.m. against the Durso Produce team. All tourney games are played at the St. Sabina gym, 78th and Racine.

On the basis of their season record the Techawks are rated by the Chicago Daily News as co-favorites with Northwestern Abbott Hall to win the tourney.

Says the Daily News of Feb. 27th, "Northwestern sailors, Techmen tops at St. Sabina."

"Illinois Tech and Northwestern's Midshipmen are the co-favorites to win the 7th annual A.A.U. St. Sabina tourney. The Techmen have won 16 games this season, an all time record for the school, under Coach Ed Wagner."

The Durso Produce will probably be a formidable opponent for the Techawks, having come in second in the tourney last year. The tourney is single elimination with 16 teams entered.

De LaSalle High School won last season's championship and are entered again this year. Both Northwestern Navy and De LaSalle are in IIT's bracket. Two of the Techhawk forwards graduated last term, Bob Kidd a/s and Art Granum a/s. Both of them will be missed when tourney play starts.

The tourney team will be made up of the following nine men, led by their co-captains Tom Kilgariff and Ed Puchalski, Glen Neiswander, Jim Oldshue, Charley Buckley, Gordie Fleischer, Bob Kasnicka, Hank Koci, Tom Gavin, Don Lange, and Al Roberts.

Senior Chems Win Pin Crown

The Senior Chems emerged the victors in the intramural bowling tournament by winning their hardest match of the season from the Junior Chems.

The Junior Chems forced the Senior Chems into a playoff by sweeping all three games from the Junior Mechs No. 2. In the crucial playoff, the Senior Chems took the first game, the Junior Chems evened it up by winning the second game.

Going into the last frame of the deciding game, the Junior Chems led by 40 pins. Al Petronis, captain of the Senior Chems, had a double up and struck out to give him a string of five strikes in a row. The Senior Chems won that game and the Championship by five pins.

Medals were awarded to Otto Krause, Paul Dalenberg, George Erkert, Bill Collins, Jack Foxgrover and Petronis. The high series medal went to Peronis for his 640 series and the high game medal to Bill Parks a/s for his 236 game.

The tournament this year was run on a different basis than in previous seasons. Instead of a two loss elimination rule, each team met every other team and the standings were based on games won and lost basis instead of a match basis. This gave each team an incentive to win the last game of a match even if the first had been lost.

The only friction that was encountered in running the tournament was the difficulty of getting the teams to bowl shoulder to shoulder. A solution was offered by Jack Dumelle, captain of Junior Mech No. 1 team.

(See SENIOR CHEMS on Page 3)

Co-op Fails in Expansion Plan

Attempt to Take Over IIT Store Abandoned

"The Co-op bookstore's attempt to take over the school bookstore on the south campus has failed" disclosed Don Arenson, president of the Co-op.

In presenting the petitions of 500 students and 30 professors on the south campus before President Henry T. Heald, the Co-op representatives were refused consideration of handling the bookstore.

The reason for this decision stated President Heald was based on the fact that the Co-op staff lacks the experience and time for undertaking such a large responsibility. In addition to this no one person could be held responsible for the progress or failure of the bookstore under the Co-op system of management.

The outcome of a Cooperative bookstore on the Lewis campus was also doomed at the meeting between Cooperative representatives Don Arenson and Arthur Ullir with President Heald. If the Co-op Bookstore wants to establish a store in the Lewis campus it will have to rent a store on Madison St. or near the school, Heald concluded.

Fellowships Awarded to Knott, Parmet for Plastics Study

IIT POLITICS

(Continued from Page 1) tures, Lind explained. If the person is running for a class office, it is necessary that the 25 names be of people in that same class.

The present ITSA board urges all prospective candidates to begin circulating petitions now. The deadlines for filing petitions will be Wednesday, March 22.

Election plans will be completed at the ITSA meeting tomorrow, Lind stated. Notices concerning election procedure will be posted on the bulletin boards. Further information can be obtained from the present ITSA board members. They are: Ronald Lind, first vice-president; Warren Furst, secretary; Viola Sievers, Lewis representative; and Richard Michalek, Ronald Ailara, and Ray Olson, junior, sophomore, and freshmen representatives, respectively. Miss Sievers is the only one who will retain her present position for this term.

Three of last term's ITSA board members graduated last month. They were A/S Harry Anderson, president; Lorraine Kronenberg, Lewis vice-president; and Ray Turlberg, senior representative.

Research fellowships have been awarded by the Chicago Molded Products Company to Bernard Parmet, graduate assistant, and Arthur Kott, assistant in Chemistry.

The research work involves the dielectric heating of plastics. In general practice today, plastics to be molded are heated by steam or hot air. Dielectric heating is a new field.

In dielectric heating, the plastics are placed between the plates of a giant condenser which is connected in a radio frequency electric circuit, utilizing an oscillator to obtain the high frequency.

The research is being conducted under the supervision of Dr. Jesse E. Hobson, head of the electrical engineering department. The work began March 1.

The advantage of high frequency heating is that the heat necessary in the molding does not have to be transferred from the outside to the inside but is generated within the plastic by the rapidly changing field.

In the electrical engineering department, Parmet and William Winger, instructor in electrical engineering are working under the direction of Prof. Paul Andres. Their task is to determine the proper frequency and power to use.

Kott is working under the direction of Dr. Edward Bicek in the chemistry department. They will observe and record the chemical and physical results in the plastic of the varying conditions used.

Dr. Max Jakob, research professor of mechanical engineering, and Robert Rose, graduate student, are testing Dr. Jakob's theories about temperature distribution in the plastics and the change in temperature distribution with time.

Dr. Hobson states that it is hoped that processes will be improved, production time shortened and production increased, and that the quality of the plastics will be improved.

JUNIOR CHEMS

(Continued from Page 4) moment was present in this period. The Juicers were behind one point with 10 seconds remaining when Ulysses Backas was called upon to shoot one free shot. He made it and overtime remained a tie at 73 all.

In the second overtime, the weary Juicers could only score one basket while their opponents scored seven points. The game ended with the Junior Chems 80 and the Junior Juicers 75.

This game, one of the best ever played around IIT, was highlighted by the impossible shots of Al Roberts and the effective defensive game of Warren Furst and Al Zadrevetz.

The players receiving intramural basketball championship medals are Tom Gavin, Lou Hagen, Dave Weimer, Bill Meyer, Al Zadrevetz, Bill King, Dave Schislack, Ronnie Lind, Sam Popowcer, and Henry Dirkson.

Believe it or not, the time taken to play this game was two and one-half hours.

Junior Juicers (75)				Junior Chems (80)			
Player	fg	ft	p	Player	fg	ft	p
Roberts	5	0	3	Gavin	7	4	3
Schober	10	1	5	Hagen	11	1	4
Granum	5	1	1	Weimer	7	2	2
Furst	7	0	4	Meyer	5	1	1
Fischer	4	0	4	Zadrevetz	5	2	2
Steward	1	0	1	King	0	0	0
Backas	0	1	1				
36 3 19				85 10 12			

Period	1	2	3	4	1st over	2nd over
Junior Juicers	12	28	48	67	73	75
Junior Chems	6	27	51	67	73	80

Illinois Tech Acquires New 28-Passenger Bus

A new 28-passenger bus has been acquired by Illinois Tech. The bus was recently received from the Navy department for use by navy personnel.

The vehicle will be used to transport the V-12 men to the gym at the Valentine Boys club, to George Williams College and to the Lewis campus.

1:30 P.M. Left for Meetings on Friday

This Friday, the hour from 1:30 to 2:30 p.m. has been made available for all engineering societies who wish to meet, announced Dean Charles Tibbals. Any such society should apply to Dean Tibbals for an official sanction for the meeting.

Dean Tibbals emphasized that the hour is available for this Friday only. The program for the entire semester has not yet been worked out.

No senior, junior or sophomore classes have been scheduled for 1:30 to 2:30 Friday, but the navy is planning to have several assemblies at that time, Tibbals stated further.

This is one of the causes for the uncertainty of scheduling future events during that hour, said Dean Tibbals.

Alfred Ames Appointed To Illinois Tech Faculty

Alfred C. Ames, instructor in English, has joined the IIT faculty this semester. Dr. Ames was born in Spokane, Washington. He entered the University of Kansas in 1932, receiving a Bachelor of Arts degree in 1936. He received his Master of Arts and PhD degrees at the University of Illinois. Dr. Ames is especially interested in eighteenth century writing. For his thesis at Illinois, he discussed criticism of Alexander Pope, famous eighteenth century writer.

ASTP's Closing Still 'Mystery'

IIT's Unit Has Not Yet Received Orders

No information has been received regarding the closing of Illinois Tech's ASTP training program, it has been announced by college officials.

"We're in Will Roger's famous position," commented one. "All we know is what we read in the newspapers. No official communications or orders have been received."

In a news release of March 4, Major General H. S. Aurand, commanding general of the Sixth Service Command, announced that all colleges with basic ASTP units would lose their trainees. General Aurand listed such schools and Illinois Tech was included in this list.

Only advanced engineering unit in the Sixth Service command is that at Michigan College of Mining and Technology, and General Aurand stated their ASTP engineering program would not be affected.

Finnegan Chosen to Head Commerce Committee

Joseph B. Finnegan, director of the fire protection engineering department at IIT, has been appointed chairman of the fire prevention committee of the Chicago Association of Commerce.

Twenty-Eight South Pacific Veterans Take Up Books Again at Illinois Tech

\$5,008,000 GIVEN

(Continued from Page 1) "Service to youth plus service to the American way of life are honored traditions in the hopes of the founders," he concluded, "and for these things they gave outstanding support. Here, then, on the threshold of a new cycle in our academic life, let us rededicate ourselves to a finer service, a more splendid support for an institution which stands four square on those fundamental principles which have made America great. With such an assurance, we cannot fail."

There were 215 seniors who received degrees in the commencement exercises, 204 of them from the engineering college and 11 in arts and sciences.

William Arthur Nash, a civil engineer, and Herbert Wehrmeister, a chemical, were revealed as the honor students of the class. Nash had a 2.94 quotient to rate as tops in engineering, while Wehrmeister with a perfect 3.00 average led the arts and science group. Wehrmeister completed the last two years of his college work in evening school.

Also four graduate students received master's degrees, and 12 honorary doctorates were presented.

A total of 28 veterans of the Pacific fleet are among the 241 new men added to the Illinois Tech Navy V-12 unit.

These men, wearing campaign ribbons from Guadalcanal, Bougainville and other Pacific battlefronts, gave up their ratings earned there in order to return to school. All the men are studying engineering, most of them on the George Williams campus, where they will complete their first two or three terms.

Charles J. Bauman of Altoona, Pa., one of the 28 veterans, survived the sinking of his vessel, a landing ship for tanks, in the Solomon Islands area. Bauman, a seaman first class in the Seabees, served in the Pacific for eight and one-half months.

The longest Pacific service record belongs to Charles Louis, Pittsburgh, Pa., another Seabee, who has been at Midway and other Pacific areas since July, 1942.

Another of the veterans, H. F. Brooks, Courtland, O., saw the Guadalcanal, New Georgia, and Bougainville campaigns from his position as a gunner on a patrol bomber. Brooks, in his year's service in the Pacific, earned the rate of aviation machinist's mate first class.

Herbert Taylor, a survivor of the Pearl Harbor attack believes he has the longest record of sea duty of all the veterans. Taylor, who was stationed on an aircraft carrier, was at sea for nearly three years and has served in the Navy since Nov. 1, 1940.

The addition of 241 new apprentice seamen brings the Illinois Tech V-12 unit to 691 men. Approximately 60 of the new men entered the V-12 from civilian life.

SENIOR CHEMS

(Continued from Page 4) who said, "All teams should meet before the next bowling season begins and with united action, alleys could be reserved for one night, preferably a Friday. Then perhaps future innovations such as money prizes or handicaps might also be installed."

Team	Won	Lost	Pct.
Senior Chems*	17	7	.708
Junior Chems*	16	8	.667
Senior Mechs	14	7	.667
Senior Civils No. 1	11	7	.612
Senior Civils No. 2	8	10	.445
Junior Mechs No. 1	9	12	.429
Junior Mechs No. 2	6	15	.285
Soph Chems	3	18	.143

*Includes results of playoffs.

Hormone Secretion Will Be Discussed

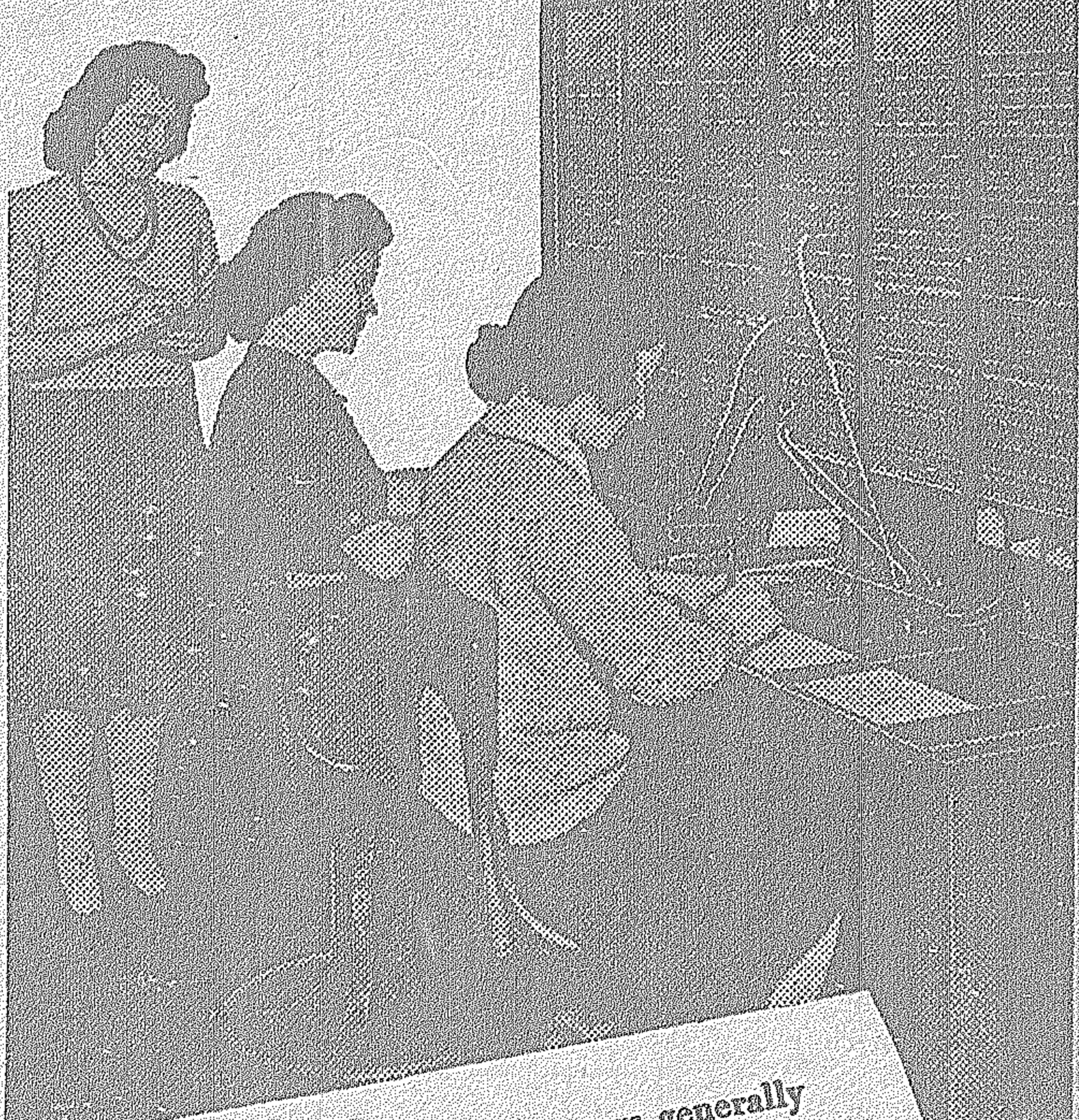
"Evidence for Early Hormone Secretion" will be discussed by Mr. Edwin S. Cieslak at the Medical Arts Guild meeting on the west campus at 4:30 p.m. Wednesday. Mr. Cieslak, sponsor of the Guild and instructor of biology, carries on research in the field of hormones.

At the meeting, the first of the semester, members will decide on their choice of semester activities, which will include guest lecturers, advanced medical movies and field trips.

The Medical Arts Guild is the organization in which students who major in biology, bio-chemistry, nutrition, premedics, dental, and similar courses meet to discuss their common interests. The meetings are held fortnightly at 4:30 p.m. on Wednesdays in room 418 of the west campus. Each meeting is preceded by a member's tea, held in the faculty lunchroom at 4 p.m.

Shirley Evenstein, president of the Guild, extends an invitation of membership to students of both campuses who are interested in the medical arts.

**REAL ENOUGH...
for Basic Training!**



NEW telephone operators generally take basic training at idle switchboard positions. But today's switchboards are crowded with war calls. Meeting the challenge of wartime shortages, full-scale photographs of switchboard panels are helping speed the training of more than 125,000 new operators needed this year in the Bell Telephone System.

Actual cords, keys, dials, and calculagraphs for timing calls, give realistic practice, quickly training operators to handle real calls.

Every resource of the Bell System is serving the Nation, maintaining communications now so vital in war—so important in the better days ahead.

BELL TELEPHONE SYSTEM



War calls keep Long Distance lines busy... That's why your call may be delayed.

Peter Debye Lectures at Illinois Tech

Describes to Sigma Xi A Magnetic Approach To the Absolute Zero

Dr. Peter Debye, Nobel laureate and one of the world's outstanding living scientists, addressed the IIT chapter of Sigma Xi, honorary scientific society, last Wednesday. The subject of his talk was "The Magnetic Approach to Absolute Zero."

Dr. Paul L. Copeland, president of the IIT chapter, introduced Dr. Debye, who is chairman of the department of chemistry at Cornell University, as the first Nobel prize winner to speak before this group. Debye received the Nobel award for chemistry in 1936. During the introduction Dr. Copeland commented on the wide range of subjects to which Debye has made significant contributions.

In the course of his lecture, Dr. Debye told how magnetic methods have been used to go from the lowest temperature possible 15 years ago, 0.7 degrees absolute, to the present low of 0.003 degrees absolute.

One of the many side problems which arose in the performance of the experimental work was that of measuring such temperatures. This was done by means of a magnetic thermometer which makes use of the fact that susceptibility varies with the temperature. The calibration was done by an ingenious method involving the absorption of energy from radioactive radiation and the use of some elementary thermodynamic theory.

In conclusion, Dr. Debye asked and answered the question of whether one need stop at this temperature of 0.003 degrees. He believes that this represents the lower limit which can be reached by the magnetic approach. However, if any new way can be found to diminish the "disorder" which still remains in the molecule at 0.003 degrees, he predicted that even lower temperatures will be possible. The most promising way in which this can be accomplished lies in a method of approach involving the nucleus, he stated.

Rho Epsilon Forms New Radio Club

A radio club sponsored by Rho Epsilon, honorary engineering fraternity, will be organized this week. The first meeting of the club will be held this Wednesday at 5:30 p.m. in the Rho Epsilon quarters on the fourth floor in Chapin Hall. Frank Novak will be in charge of the organization of the club. He will be assisted by Louis Sprung and Dick Kuba. Membership is open to all navy and civilian students.

Rho Epsilon has recently acquired some new equipment, and this will be at the disposal of the new radio club members. Included in the equipment obtained are an oscilloscope, a signal generator and several meters.

The purpose of the radio club is to acquaint those interested with the principles of radio construction and theory. Novak stated that the activities of the club will vary from constructing one-tube radio sets to operating television sets.

Post of AIEE President Will Be Held by Chase

Leonard Chase was elected president of the AIEE at the first meeting of the semester, held last Friday.

The other officers elected were Louis Sprung, vice-president; Marvin Quateman, secretary; Walter Kozinski, treasurer; and Steve Baluk, representative to the WSE.

Chase announced that meetings are to be held monthly and that prominent speakers will be obtained.

Foundation Will Start Construction On Machine Shop Building This Week

Site of New Machine Shop



By Fred Rest
CONSTRUCTION BEGINS SOON—The Research Foundation's new machine shop will occupy this space. Work was begun last week in clearing the space, and the above shot shows the results. Left standing is that part of Victory Hall which houses the wind tunnel. The new building will be erected over and around it.

Army-Navy E Given Only for Production So Research Foundation Loses Award

The Armour Research Foundation has been nominated for the Army-Navy E. However, it was decided that the Foundation is not eligible for such an award, since it is primarily a research rather than a production organization.

James Forrestal, Under-secretary of the Navy, in a letter to the Research Foundation, told of the nomination and praised the work being done by the Foundation in support of the Navy's war effort.

He wrote that "the Foundation, its directors and the individual associates are all deserving of the very highest commendation for their patriotism and zeal in the prosecution of the many research problems which

have been referred to them."

The Research Foundation is now 100 per cent in war work—and has been for many months. It is working on, and has done, projects for all branches of the armed services and for practically every governmental agency using research.

All Lockers Will Be Reassigned Tuesday

All lockers in the basement of Main Building must be reassigned on Tuesday, March 14, was the statement made by Bernard Weissman on Friday.

The place of registration will be Bernard Weissman's office in the Student Union and the time will be free from 10:30 a.m. to 2:30 p.m. Senior Class President Ed Puchalski, who is handling registration, said a very definite order of preference will be followed with the June graduates coming first, the October graduates next and then the juniors. Every locker must have at least two occupants. He also announced no freshman or sophomores will be allowed to have lockers as is the school's custom.

Dance Club to Hold Meeting Wednesday

Will the dance club give instruction this semester? What kind? When?

These and other questions will be discussed at a short business meeting of the club at 7 p.m. Wednesday night in the lounge. Don Felsecker, president of the club, announced that the provisions of the new club constitution will be explained to the members at that time. Also, the type of instruction and time of instruction will be decided upon.

As before, girls from local organizations, schools and clubs will be invited to attend the dances, but they will have to register in a hostess book at each meeting, according to the constitution.

Beginning next week dues of ten cents will be charged to all men at each meeting, according to Felsecker. He added that these dues are necessary to help cover the cost of instruction.

The constitution was drawn up by Felsecker, Mrs. Anna Orcutt, the club's sponsor, and Tom Dressler, the former president. This is the first time that the dance club has had a constitution in three semesters.

As usual, the dance club will meet from 6:30 to 9 p.m., on Wednesday night. Except for the time taken by the business meetings, most of the evening will be used for dancing.

Last week, Felsecker appointed Joe Rimac vice-president and Dave Lemieux treasurer of the dance club. A secretary has not yet been chosen.

Armour Players to Plan Their Spring Production

Plans for a spring production by the Armour Players will be discussed at 5:30 p.m. Thursday in Room 105 Chapin.

Construction will begin this week on the Armour Research Foundation's new machine shop. This will be the fifth building erected at IIT in the last two years. It will be the third unit of the general development program, and when completed will bring the total number of buildings used by the Research Foundation to seven. Its completion is expected in about three months.

The building will be of the same size as the Foundation's nearly completed diesel laboratory and will be joined to the latter. The two will form a unit extending from Federal street to the alley and from the present site of the diesel laboratory to 34th street.

Victory Hall and the adjoining building have already been torn down to make room for the new structure. The machine shop has been housed in the one story building between Dearborn and State streets. The new building will contain only one story, with 20 foot ceiling. There will be a trucking entrance and a driveway in the new building along the wall of the diesel laboratory.

The wind tunnel which was located on the first floor of Victory Hall will not be torn down; instead the new building will be erected over and around it.

War Council Elects Negele President

Bob Negele, junior mechanical, was elected chairman of the Student War Council at a meeting held February 16.

Warren Furst a/s was elected secretary at the same time. Plans were formulated at the meeting to have the Red Cross blood unit come to IIT some time during the latter part of April.

Negele stated that a meeting is to be held Wednesday at 5:30 p.m. in the East Dining Room for the purpose of formulating plans for the coming term.

Mullowney, Schommer's Secretary, to Resign

Lucile Mullowney, secretary to John J. Schommer, director of placement, will leave her position Wednesday.

After serving Schommer since November of 1942, Lucille will become a lady of leisure and her first move to fulfil this step will be to visit her home in Mauston, Wisconsin.

Boder to Hold Open House on March 23, 24

Psychological Museum To Display Equipment; Dr. A. Lauer to Speak

IIT's Psychological Museum will be opened to the public on Thursday and Friday evenings, March 23 and 24. From 6 to 10 p.m. there will be an exhibit on the west campus of psychological equipment used in psychological experimentation as well as in educational, vocational and industrial testing.

Another feature of the exhibit will be a collection of apparatus loaned by the Driver's Testing Laboratory of Iowa State College.

A demonstration lecture will be given in the auditorium at 8 p.m. Dr. David P. Boder, professor of psychology, will speak on "Sensory Processes, Learning and Emotions", sharing the time with Dr. A. R. Lauer, professor of psychology at Iowa State College. Dr. Lauer will speak on "Experimental Psychology Applied to Automobile Driving and Highway Safety".

Dr. Lauer, who directs the "drivers' clinic" at Iowa State, was in charge of the exhibit on safety and skill in driving at the New York World's Fair.

Admission is free, but because of seating limitations, admission to the lecture will be by ticket only. These may be obtained by writing to the museum at 1951 W. Madison Street, Chicago.

The Ruby Chevrolet Company has reserved several hundred seats for Thursday night's lecture.

Digest to Feature Foundation's Story

Reader's Digest will feature an article about the Armour Research Foundation in its April issue, according to Paul O. Ridings, director of the News Bureau.

"Our Business Is Improving" is the title which is scheduled to appear on the article. Written by Francis Sill Wickware, a New Yorker who is a regular author for the Digest, the article will tell the story of the development of the Foundation and several of its human interest projects.

The article will also appear in the April issue of Scientific American, according to Ridings.

It has been in the making for more than a year, having had its inception in February, 1942, when Ridings gave Wickware the idea for the article during a visit to New York.

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