

TESTING AT IIT is an individual problem of the professors at the present time. This simple fact has caused numerous student headaches in past years for it has resulted in a student having as many as four separate quizzes in a single day. For some unknown reason this situation seems to have become progressively worse these last few months. It definitely needs correcting. The fact that the condition has continued in this manner for so long is no reason why an improvement cannot be made. An individual's efficiency is usually lowered after taking more than one examination and hence often the results of the second, third, and fourth quizzes fail to indicate the student's true ability.

As a means of relieving the problem, the administration of the Institute would do well to consider adopting an organized testing system. A suggestion would be to give each department a day in which to conduct its quizzes. For example the language and literature department might be given Monday for its tests, the mathematics department Tuesday or Thursday, and the chemistry department would give its exams on Wednesday. Such a system could certainly do a great deal towards improving a student's work. Perhaps it would be some hardship on the instructors.

However, if the plan were presented far enough in advance he should be able to schedule all quizzes to fit in with his regular program of instruction. I believe that the hardship produced would be more than off-set by improvement in the class's work. At the present time, when so many are experiencing difficulty, especially in the various mathematics and mechanics courses, there is certainly a definite need for such an improvement.

**SPEAKING OF TESTING**, now that final examinations are drawing nigh, I wonder if a better schedule will be planned this term than last. I shudder every time I think of the four finals I had in one day last term. The worst part of the whole situation was that the condition was quite general. Almost everyone had a day in which he had at least three quizzes. When many professors count the final as one-third the total grade for the course, the examinations can loom very important to a student. If he fails because of an overcrowded day, it is certainly more than merely regrettable.

**WITH THREE WEEKS** to go, the mechanics department is shuffling its professors around. Last week students who were passing under one instructor now find themselves failing under another merely because the teaching methods and marking systems vary.

That the marking systems and teaching methods should vary is perhaps somewhat excusable though regrettable. However it is doubtful that there is really a good excuse for the changes in professors at this late stage in the game. It is true that the mechanics department had no control over Professor Frank Wade's becoming ill. However the department should have been able to arrange the class schedules without juggling all of its A1, A2 classes.

## Lt. (jg) Wilhelm to Be V-12 PT Officer

Lt. (jg) Samuel Wilhelm will be the new athletic officer of the Illinois Tech V-12 unit, Lt. Wayne A. Hamilton, commanding officer, revealed today.

Wilhelm, who is replacing Ensign Edward Glancy, is now stationed at Denison University and will arrive in the very near future.

Glancy is now on sea duty with the Pacific fleet.

## Voting on the Constitution



CASTING BALLOTS—Earl Danielson, ITSA first vice-president, (seated) is assisting in collecting the ballots in the ITSA constitution election held last Wednesday. The revised constitution was approved by the student body.

## Russ Bothie and His Band Will Furnish Music at "Phinal Phling"

Russ Bothie, his 10 piece band and singer Dorothy Paul will supply the music for the "Phinal Phling" to be held Saturday evening, October 14. The dance, which will be held in the auditorium, will be the last all school dance of the semester.

## Tutored Pupils Well Satisfied

Students who have taken advantage of the tutoring being given by Pi Tau Sigma have been more than satisfied, according to A/S Robert Thurston, junior mechanical. A typical case was that of a freshman who got advice on his analytic geometry. The fellows in Pi Tau Sigma gave him help on some material, and the student was well pleased.

The service is being sponsored by Tau Beta Pi, general engineering honorary, but is led by Pi Tau Sigma, mechanical honorary. Members are in 302 Machinery Hall from 8 a.m. to 5 p.m. every day of the week, with very few exceptions when no member has a free hour.

If the students do take advantage of the opportunities presented them, other honoraries will join with their efforts, but in order for this to happen, more students must ask aid.

Thurston stated further that it is no easy task for the tutors to spend their time waiting for students to come in and ask advice. It is up to the freshmen and sophomores to make the organization a success.

One student who received aid last week had been assigned some new work which he did not quite understand. He went to Pi Tau Sigma and got the help which he wanted. Probably he could have gotten the work, but by getting aid he was able to understand the work in less time than he would have spent doing it himself, Thurston added.

## New Society Elects Peebles As Officer

James C. Peebles, dean of engineering of Illinois Tech, was chosen vice-president of the American Society of Lubrication Engineers at a meeting in Pittsburg last Wednesday.

The ASLE is a new organization formed at the Wednesday meeting. Peebles has done a great deal of work in lubrication in the past. Norman Penfold, director of the diesel laboratory of the Armour Research Foundation, also attended. Penfold has also done much work in lubrication, especially on diesel engines.

Among the former engagements of Bothie have been the Marigold and Green Mill Ballrooms. He will furnish music from 9 until midnight according to A/S George Schober, head of the ASSC. Free refreshments will be served.

According to Schober, tickets will go on sale for \$1 tomorrow and may be purchased from any member of the ASSC. They are in addition to Schober, A/S Larry Johnson, Edward Arends, and John Severns; Edith Grastdorf will sell tickets at Lewis. The ASSC plans to sell tickets in the Student lobby also.

Extra police protection will be requested, Schober stated.

The other dance of the term was the Integral Ball. Because over \$600 was lost on the affair, ASSC activities are curtailed until the ITSA grants it additional funds next term. Never the less, according to Schober, the affair should be a definite success.

Don Arenson, Integral editor, was master of ceremonies at the dance.

## Senior Dance Plans Finished

The senior farewell will definitely be held October 7 in the Tally Ho room of the Medinah Club.

The decision was reached as a result of the senior class meeting last Friday. It was here that the seniors resolved to put their spirit and cooperation behind the affair.

Music will be furnished by Lew Diamond, and the other planned entertainment will be given by a specially selected committee of seniors.

John DeCook and Henry Koci announced today that the sale of bids will be held daily from 12 to 1 p.m. in the lobby of the Student Union for those seniors who are unable to see a ticket salesman.

The tickets, which will cost about \$3.50 plus the government tax, are to be replaced by regular bids when presented at the door of the newly decorated Tally Ho room.

The farewell will be the last affair to be held by the present graduating class. "It is only correct that all seniors should realize this situation and not fail to attend the dance," stated Koci.

## Kilgariff, Olson, and Arenson Pledged to Pi Delta Epsilon

A/S Ramon Olson, Donald Arenson, and A/S Tom Kilgariff have been pledged to Pi Delta Epsilon, national honorary journalism fraternity.

These men, because of their responsibility and long service to IIT on student publications, are well-deserving of the privilege and the very type of men that Pi Delta Epsilon seeks to honor, stated Robert Misch, president of the fraternity.

Olson, co-editor of *Technology News*, is still in his sophomore year and is an ME major. He was a student at IIT before entering the navy. During his first year, he was freshman delegate to the ITSA, and a *Technology News* reporter.

He is a member of the social fraternity Pi Kappa Phi and in the orchestra and band. During his freshman year, he held a William J. Cook scholarship.

Before becoming co-editor, Olson served as navy editor and has been giving the greater part of his extra time to *Technology News* since he first entered IIT as a freshman.

Don Arenson, a physics major and the youngest senior in the school, is Armour editor of the *Integral*. He has had many interests although the yearbook currently occupies most of his time. Arenson has been president of the Co-op bookstore and was a co-founder of the fellowship of Rockdale. In his junior year, he became Head Junior Marshal. He first came to IIT on a freshman scholarship.

Kilgariff, a junior mechanical, is sports editor of *Technology News*. He has had to work harder and longer than his predecessors with a shortage of trained assistants. He has kept the sports page up to standard but not without putting in long hours of work.

Kilgariff is a member of the Honor Board and is a present ITSA representative. He has played on several teams and has a lengthy record since his freshman year when he played forward on the Techawk basketball team. He was elected to Honor I, IIT athletic honorary, early in his junior year. He has served *Technology News* as a reporter, Copy Editor, sports assistant to Jim Oldshue and now sports editor.

## Students Vote In Constitution

The ITSA revised Constitution has been accepted by the IIT student body, according to Wednesday's vote. Well over eighty per cent of the students voted for the proposition, according to A/S Dick Michalek of the ITSA Board. The tabulated figures on the Armour campus were 63 for and 13 against.

According to the ITSA officials, the vote was extremely light; they described the average voter as not having any knowledge of what he was voting on.

The new constitution will now go into effect. One of the provisions states that the first vice-president will now check to make sure that the actions of the board follow the provisions of the constitution.

The revision of the constitution was planned early last semester, but no real action was taken until the beginning of this term. The constitution committee decided upon several revisions: these were supplemented by those made by the ITSA Board. A school assembly was held to get suggestions from other students. The constitution was sent back to the committee, and a series of minor revisions were made before it was finally approved by the board. This final vote by the students now makes the ratification officially complete.

## Freshmen to Hold Meeting Wednesday

The first meeting of the freshman class will be held this Wednesday at 11:05 a.m. in 202M. The freshman ITSA representative and social commissioner will be elected as the present office holders, William Killingbeck and Sol Benella are sick and in the navy, respectively. Plans for a dance will also be discussed, according to Race Wilt and Rodney Confer, commissioners at large.

## Junior Picnic Is Saturday

The junior "weenie" roast will begin at 7 p.m. this coming Saturday. Those who will attend are requested by class president Tom Ruck to arrive promptly.

Juniors intending to bring cars to the affair are asked to inform Ruck or social chairman Larry Johnson. Help will be needed in transporting some of the refreshments.

Another urgent need will be portable radios. A place is available for dancing, but there are no facilities for music. Accordingly, any junior who can bring a portable is asked to do so by Johnson.

The directions on reaching Thatcher's Woods were given in last week's *Technology News*. However, for convenient reference, they are reprinted below. According to Johnson, this is the simplest and most direct means of getting to the site.

Take the Lake Street "L" west and get off at the Marion Street Station. Then walk north about a block to Lake Street and there take a streetcar going west. Ride the streetcar to First Avenue in Maywood. Get off at this stop and walk north a few blocks direct to the woods.

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*A Stitch in Time Saves Nine*



We started a little late this week, and got a little careless about where our diggings took us. Imagine our surprise when up with out dirt dredgings came a yellow old bone with golden engraving marked "Fala." Well, we didn't realize that we'd moved into his territory, and decided on a quick exit. After all someone else seems to be doing a pretty good job of diggings up the dirt there! So back to IIT we came to find out what we could about all you good people. So down goes the shovel and up comes our first item.

A/S Arnie Nieme hits the jack pot first. His week-end liberty last week must have really tired him out. On the way back, while on the train, he decided to remove his shoes. He was quite chagrined when the Wave that was sitting next to him asked him to discontinue the practice. This must have been a bitter pill for the "Superman" to swallow, but like all mice he obliged.

Right about here we'd like to quote Roy Olson as making the dumbest remark of the week. He was scheduled to take a job interview. When he went to the placement office, he found that his interviewer was a woman. Quite abashed Roy said, "Are you open for business?" What do you think she was doing there, Roy, selling bananas?

After spending a tireless (and fruitless) week trying to recover the golden green banana from the navy, we've finally come to the conclusion that we're licked. There may be wailing and gnashing teeth, but the golden green banana is no more! However, have faith. Your faithful operators have come through again. We have a new and better award for our poor unfortunates. This week we are awarding a "PURPLE PEAR" (known in the jungles of South America as the lavender avacado) to A/S Robert Freund of quarters #2. Our boy must have some reputation because he really got it. He made a date with a young lady, only to have her break it later. Her excuse—she had to think of her position! She's a church organist. It might have been worse, Bob. She probably would have dragged you off to an ice cream social anyway!

The cigarette shortage has hit its apex. It's gotten so bad that A/S Herb Miller and A/S Ed McCall were seen last week measuring the length of a cigarette with a ruler and then dividing it equally between them. Tsk, tsk, tsk. Ever try rolling your own, boys?

Seems things have been going on around here without our knowing it (if that's possible). All of a sudden we find out that certain members of ship's company find a peculiar enjoyment in visiting the kitchen. As a matter of fact the ice box has been their objective. We aren't in a position to divulge who or what they could be seeing there, but give us time and we'll find out. The only comment we can make is it's a funny place to keep a rendezvous!

Here's a hot tip for all you people. After a bit of unscrupulous sleuthing, we have found out how one of our worthy colleagues on this sheet gets the jokes in Slipstick before publication, just read his column out. If you want to know the bulk of the navy paper gotten out at the 87th St. training station.

Hear where Richard Blair went through physics lab a week ago Saturday in a heavy daze. Dick's story is that his neighbors had a block party for one of the boys leaving for the service. From the flushed look he carried around all day, we think he must have consumed enough beer to float the Allied forces into Berlin.

It has come to our attention that Molly Gusik, telephone operator on our campus, should be awarded the medal of honor for bravery or something. Last week she walked merely through the basement of Main building just to find the boys lounging around in their shorts before donning their baseball togs. But she didn't give ground; she staunchly marched to the exit. What else could a girl do in a situation like that?

"Magneto Man" is the latest title of A/S Don Hebling. It seems that he accidentally allowed a particularly precious letter to fall into the hands of his shipmates. Said letter contained numerous phrases meant only for the eyes of "Don Juan". Among these was one which stated that it was Don's "magnetic personality" which makes him attractive hence the new title. Worst of all though is the fact that the author of the letter and object of Don's affections got wind of the whole affair. Letters to Hebling now arrive, signed "affectionately yours."

Guess we've done enough damage for a while. If you crave for more dirt before our next meeting, just keep your ears glued to the radio. Some of our prominent orators are doing a pretty good job of it. Well, so long now. Sleep tight (if you can).

—NONE

**Tutoring Classes**

Underclassmen at Illinois Tech are muffing an opportunity to ease their scholastic work.

For the first two days that tutoring facilities were made available to underclassmen by Pi Tau Sigma, only two responded.

Are the underclassmen smart, timid, or ignorant of the chance they are missing. They are obviously not all quiz kids, as the registrar can easily verify. Perhaps they feel that the time would not be well spent, or they may dislike to admit their struggle with calculus, mechanics, and physics, or don't they know that the service is free—FREE.

At other colleges, tutors are paid for the trouble, and there is no lack of customers. A tutor helps to bridge the gap between student and instructor, to translate, explain, and summarize the intricacies of the textbook and correlate it with the instructor's lectures.

The Pi Tau Sigma men who have volunteered to tutor are students who have taken the same courses and who had the same troubles as the present underclassmen. They are both able and willing to spare succeeding students of the same difficulties.

These fellows are available in 302 Machinery Hall from 8 a.m. to 5 p.m. five days a week. A few minutes spent with one of them is worth an hour of reading a text on struggling with a problem.

**Last Wednesday's Balloting**

Well, the ITSA Constitution revision is now a matter of history, since it was finally accepted at the election held last Wednesday.

I suppose the ITSA Constitution election could be called an election, although sometimes I wonder. With only 76 people balloting on the south campus, the poll was hardly worth the effort. So few students responded that the balloting booth was practically empty most of the time.

This poor demonstration is another evidence of the decline in class spirit which has been going on during the past few semesters. Students just aren't interested in most student activities anymore.

It's true that voting on the revised constitution probably does not appeal very strongly to the average student. He is more interested in things of a less serious nature. Nevertheless the true IIT man would be interested enough to take the time to find out what revisions were made in the constitution and then vote upon them.

Many of the students voting actually did not know what they were casting a ballot for. They did not have the slightest conception of the changes which had been made in the document. The proposal had been given adequate publicity yet they didn't seem to care to get the necessary facts. To read over the proposition and then vote upon it would probably not have taken more than ten minutes, but the students just didn't have time to do something constructive for a change.

*Man Of The Week—*

**Nelson, Journalist and Scholar, Establishes Enviably IIT Record**

As one of the eight new pledges to Tau Beta Pi and this week's Man of the Week, Herman Nelson has again shown himself to be a leader of campus activities.

Now a junior chemical, Nelson has already established an enviable record. He is the only IIT undergraduate student at the present time to be a member of three national honorary fraternities. Besides Tau Beta Pi, national honorary in engineering, he belongs to Pi Delta Epsilon, national journalism, and Phi Lambda Upsilon, national chemical fraternities.

Herman earned his membership in Phi Lambda Upsilon by maintaining an almost perfect scholastic record. Throughout his career at Illinois Tech, he has attended school through the Cook Scholarship Fund which has twice renewed his scholarship.

To win admission to Pi Delta Epsilon, says Nelson, was not as easy as maintaining the scholastic average required for the chemistry honorary, for it necessitated working long hours for *Technology News*.

Herman began working for the newspaper as a reporter in his first term at Illinois Tech. Since that time he has held the positions of rewrite and headline editors, assignment editor, business manager, and now the position of co-editor. Throughout his activities on the paper he has displayed his ability to perform each task to the peak of efficiency. Each week Herman devotes from 30 to 40 hours working for *Technology News*. However his journalistic efforts do no stop with the newspaper. He is also copy editor of the *Integral*, and writes a column for the *Technometer*, a publication of the Alumni Office which is sent to IIT alumni. Nelson is now secretary-treasurer of Pi Delta Epsilon.

Professional interests have also drawn Nelson into the AICHE. In addition the position of Honor Marshal has been awarded him twice.

For diversion tennis and bicycle riding command Herman's attention. He likes nothing better than long

(See MAN OF WEEK on Page 5)



**... Techman Talking**

By Wm. C. KRATHWOHL, Director of the Department of Educational Tests  
One of the most useful and interesting programs in which the Institute is engaged is the educational testing program. From the beginning this program tried to measure such intangibles as the ability of a student to read, the size of his vocabulary, his ability to handle subjects which depend on mathematics, his training in general science, and his ability to think.

The first orientation tests were held in 1936. A preliminary test was made in March, 1936, on the class of 1939, and this followed by a full scale program of orientation tests, lasting an entire day in the following September. The first battery of tests really was a test to see if the tests worked at all. On a certain day in November, 1936, when the reports were handed to the dean of the college, he had already prepared a list of six students whom he knew personally. After looking at the scores, he said the tests were right in five out of the six cases. Eventually they turned out to be right for all six. During that term and the following, many comparisons were made between test results and student achievement until finally the Dean said, "The way these tests predict what a student can do or cannot do is simply uncanny". Thus was the testing program sold to the Institute. Now we would not know what to do without it.

Later the testing program was expanded to three sessions which took a day and a half. It was but a step to include with the educational testing program some tests to measure fitness for certain occupations. In December, 1937, an article was published in the *ARMOUR ENGINEER AND ALUMNUS* on "Are You Happy With Your Work?". This was written in the midst of the depression and was primarily an effort to help our alumni. They were told that they could take the test mentioned in this article at cost. That was one dollar. They way the dollars rolled in was amazing. Alumni from coast to coast and from Canada to Mexico sent in their dollars and took the test.

Recently we have been helping out students who are in the armed services. When a young man's test scores are high enough, we suggest that he get a special copy of the scores from the Educational Testing Office and take them along with him. We translate our scores into the vernacular with which all classification officers are familiar so as to make such scores intelligible.

# Campus COMMENTS

(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 and edit the letters to be printed.)

**LETTER OF THE WEEK: Tau Beta Pi Assembly**  
The poor attendance at the recent Tau Beta Pi assembly was certainly an insult to the excellent speaker and to the men who were being pledged into the top honorary at Illinois Tech. Usually this is one of the best attended assemblies during the semester.

## Collegiate World

An open forum, to which all students and faculty members are invited, called the "Idea Exchange" is in operation at the Central YMCA college. The "Exchange", founded in 1935 by the president of the college, invites various guest speakers for an informal discussion of current day problems. The "Exchange", preceded by an informal tea, has proven very popular in the past and has presented such personages as: Curtiss D. MacDougall, professor of journalism at Northwestern University; Dr. W. W. Bower, associate editor of Hygiene; and George Weaver, director of the national CIO Committee to Abolish Racial Discrimination.

From a column, "Five Years Ago" of the Carnegie Tartan, campus paper of the Carnegie Institute of Technology comes this interesting item: "A sorority girl broke her wrist after falling while testing the 'sure safe' Birch Hall fire escape!"  
Wabash College at Crawfordsville, Indiana, has a perplexing problem; Should Wabash be Co-ed nor not? Questioning of various students and faculty members revealed unusual ideas they entertained about the "fair" sex. One student said, "Gad, nol Women are the root of all evil!"  
—A/S ALLAN KUKRAL

One would think that this term it would be especially well attended inasmuch as there have been so few all school functions of this type. The assembly was well planned, with an excellent speaker, John Yelot, but only a handful of students showed up. If this general school attitude continues much longer, perhaps it would be best to cancel all future plans for assemblies.  
DISCOURAGED

**Navy Laundry**  
It is time that something is done about the existing conditions with the navy laundry. As the situation now exists clothing is lost, damaged, or returned dirty with no one to hold accountable. Take the case of one seaman who got one sock back which was about size nine while the other was at least size 12. In the same batch of laundry was clothing with some one else's stencil on it replacing his own missing laundry.

On more than one occasion, seamen have put on what they thought were celan whites for Saturday inspection only to find large scorch marks upon opening the package. What can a sailor do when his dress blue jumper is returned partly burned. Gripe, perhaps? Yes, but this does not buy him a new jumper. It isn't as though the laundry is not being paid for its destruction. The navy laundry prices are way out of line compared to other Chicago laundries. It is no wonder that so many seamen have turned to doing their own washing. Something should be done to correct this poor service.  
—A/S O. D. R.

## IIT Inquiring reporter

**QUESTION**  
What are your opinions of laboratory work and reports at IIT?

**KENNETH HOLST, Junior Mechanical:** In general you have to spend too much time in writing up reports. Of course, there are some labs in which the instructor tries to cut out side work as much as possible, such as 318, 319, 418, and 419. Then you have the others such as the physics lab and the materials lab.

**DONALD FRISCHE, Sophomore Fire Protect:** All my laboratories are 100% OK. In the past I have had only one lab which was not strictly a pleasure. This was the same one that everyone else has trouble with, physics. The chem and FPE labs are really on the ball. The work is really interesting and the reports are not overly difficult. A good prof either makes or breaks the subject, and thus far I have been very lucky in securing all good profs for all my labs.

**HOWARD COOPER, Junior Chemical:** Of all the laboratory courses I have taken I think the chemical engineering laboratory is conducted best. I agree, as so many others do, that the physics lab was neither pleasurable nor instructive. The method involved in writing a report in physics lab consisted of merely spending countless hours copying theory from a book.

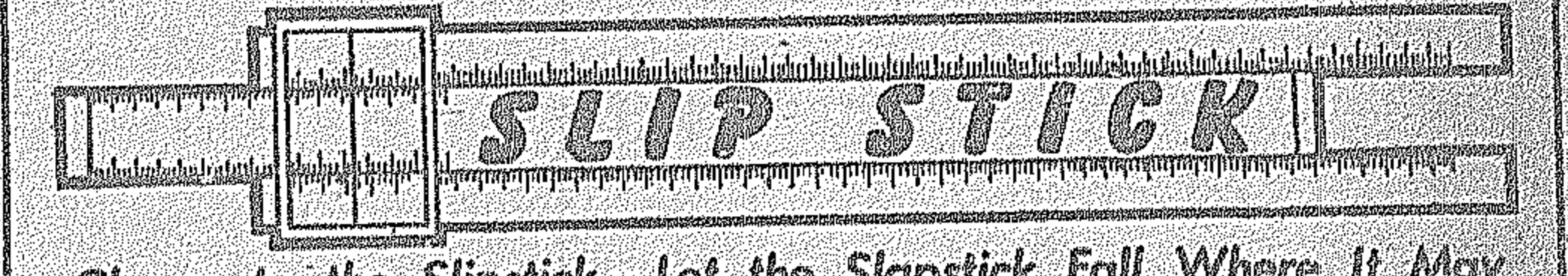
**ROBERT NAGATA, Junior Chemical:** After "experiencing" the Physics 205 and 205 laboratories one really appreciates the others. My being a chemical may seem as if I am at least a little prejudiced in my opinion. However, I can truthfully and thankfully say that the ChE lab work has really been apportioned with due consideration for the student's time. At this same time we seem to be getting a very complete course.

**JACK McCARTHY, Senior Mechanical:** Of course there always are, and probably always will be exceptions, but on the whole I believe that conditions in the laboratories, and the requirements for writing the subsequent reports, are as good as can be expected. I say as good as can be expected, not just to be congenial, but because I don't see, at least in most cases, how you can learn what you should with less work on the reports.  
—LEONARD BROWN



## Remain Note

A/S TRENT KNEPPER and A/S ROBERT HEATH were aboard the trainer USS Wilmot which took Roosevelt on one of his many fishing trips; this one was up in Canada . . . BILL CHRISTENSEN, freshman mechanical, was lieutenant colonel of the ROTC at Hyde Park high school . . . A/S DENNIS O'GEARY, junior mechanical, played football for five years without ever wearing a pair of shoes. These five years were spent in playing on his high school's varsity team . . . ARTHUR GILMER served five years in the navy without ever getting a home leave . . . A/S TOM KILGARIFF has a complete set of intramural medals, including those for baseball, football, basketball and track . . . ALBERT ZADRAVETZ writes all his letters to his parents in Polish . . . In a high school football game A/S RALPH NIESWANDER kicked an 85 yard punt, the longest on record for his conference . . . DR. WALTER HENDRICKS is a friend and a former student of ROBERT FROST, the poet of New England. He will visit Frost between semesters when he will vacation in Vermont.



**SLIP STICK**  
Cleave to the Slipstick—Let the Slapstick Fall Where It May

Thought, the essential part of all mankind, shall take a vacation while we look and find—Slipstick.  
*Observation Car?*

The Pulman conductor one night found a red lantern hanging in one of the lower berths, so he looked up George, the porter, and asked:  
"Say, George, why is that red lantern hanging on lower six?"  
"Well, boss, Rule No. 23 in my rule book says that you should always hang up a red lantern when the rear end of a sleeper is exposed."  
—Senior Farewell—

**Hospital Note:**  
If the intern who stole the jar of alcohol out of the operating room will return grandma's appendix, no questions will be asked.  
—SENIORS—

Then, of course, there was the girl fiddler who kissed her violin good-night and took her bow to bed with her.  
—ENJOY—

**Geometrical Analysis:**  
Girls who take cod liver oil have legs like this !!  
Girls who ride horses have legs like this ()  
Girls who drink too much have legs like this )(  
Girls who are nice have legs like this X  
—A LAST—

Mabel: Why do you let all the sailors kiss you?  
Myrtle: Well, I once slapped a bosun's mate who was chewing tobacco.  
—SPLURGE—

**Judicial Philosophy:**  
The judge was getting disgusted with the number of divorces in town, and had a sign tacked up on the door: "Meditate well, girls, before you make the final decision. Remember alimony is next to worthless on a cold night."  
—WITH MERRIMENT—

**Slow Navy:**  
Maisie: You remind me of Nero.  
V-12'er: Why?  
Maisie: Here I am burning down, and you're just fiddling around.  
—AT THE—

**Divorce Miscotrsual:**  
A woman just got a divorce from her husband because of his flat feet. They were in the wrong flat.  
—SENIOR FAREWELL—  
Back now to some thought on those reports and homework assignments. After all, there are only three weeks left in which to do sixteen weeks work. Forget the love life, fellows. For it is only an accelerated fancy whose second derivative should be only partially integrated.  
—LARRY VYTAUTAS CERNAUSKAS

## Illinois Tech Vets

**ARTHUR GILMER**  
After serving five years in the U.S. Navy, Arthur Gilmer is a civilian once more. As soon as Arthur finished his basic training in 1938 he was sent to San Diego and assigned to the USS New Orleans. After two years of maneuvers aboard the cruiser, Arthur was transferred to a newly commissioned sub tender, the USS Fulton. The sub tender then received orders to proceed on a secret mission. The mission was to build an air base on a dense jungle island in the South Pacific. When the air base was the U.S. Navy was engaged in battle of Midway. The sub was there and brought the survivors of the Yorktown, a U.S. carrier that was sunk, into Pearl Harbor. It was then that Arthur was assigned to a submarine. After sinking a Jap warship off Bougainville the sub crash dived in uncharted waters and struck a reef. The sounding gear was smashed and the ship began to leak. When the Japs finished depth charging them, the sub rose shaken and damaged. On their next patrol, which was around Bougainville and the New Georgia Island, the sub struck into Truk. There were so many Jap ships in the harbor that the sub was almost rammed by destroyers. Next the sub went to Munda, where the crew watched the Japs build a pier. The second night at Munda Arthur suffered his heaviest depth charging. The sub was sighted and depth charged for two hours. When the sub was returning to Pearl Harbor after its successful forages an enemy shipping a four-motored Jap bomber attacked. They crash dived so fast that the bow wings stuck. Due to the lack of oxygen aboard the sub, Arthur became ill. When the sub reached Pearl Harbor, after this narrow escape, Arthur was confined to the hospital and then was evacuated to the United States. Arthur was honorably discharged in July, 1943. Holding the award of a Presidential Citation for submarine patrol, Arthur enrolled as a chemical engineer at IIT. He is also an active member of the ITV.  
—JACOB KRAMER

## dis & data

Ludwig Mies van der Rohe, director of the school of architecture at Illinois Institute of Technology since 1938, is world famous as a founder of the new modern architecture. Mies van der Rohe, who comes from an old family of stone masons, was born in 1886 in Aix-la-Chapelle. He was educated at the Gewebeschule and the Kunstgewerbe Museum in Berlin. In Berlin he associated himself with Peter Behrens, whose pioneer work gave impetus to the growth of contemporary architecture. Mies van der Rohe represented Behrens in Leningrad in supervising the construction of the German embassy there. During a stay in Holland, Mies van der Rohe designed the residence museum in which Mrs. Koeller-Mueller of the Hague housed her famous Van Gogh collection. Because of Mies van der Rohe's architectural work, the German Workbund persuaded him to design the Weissenhof Siedlung, Stuttgart. He invited well-known architects such as Bourgeois, Le Corbusier, Gropius, Hilberseimer, Oud, and Mart Stem to help him in this project. In 1929 the German government retained him as architect for the German exhibition at the world's fair in Barcelona. In 1930 Mies van der Rohe assumed the directorship of the Bauhaus, an architectural school, in Dessau. In 1932 he moved with the school to Berlin where he stayed until the school was closed in 1933. Shortly afterwards he came to the United States, not knowing how long he would stay. In 1938 a committee of prominent Chicago architects headed by John Hollbard, and Henry T. Heald, president of Illinois Institute of Technology, persuaded him to stay and make over the direction of Illinois Tech's architectural school. Now, besides teaching, Mies van der Rohe has designed a whole new south campus for Illinois Tech, to be erected at the close of the war. The metals and minerals research building, the first building of this project, was dedicated in January 1943.  
—dis & data—  
For many years Dr. Vasilii Komarevsky has been concerned with the problem of catalysts. After coming to IIT in 1936; he organized the catalytic laboratory for the purpose of studying further this very complex problem. His research on synthetic rubber and high octane gasoline has been concerned with this subject. Komarevsky was born in Moscow, and entered the University of Moscow in 1913. However, the advent of the first World War cut short his studies, and he became an officer in the air force of the Russian Navy. In 1920, he went back to the University of Moscow, completing his studies in 1925. The subject of his thesis for Ph.D. was a co-precipitation-aluminum catalyst. This has since been used for many reactions, one of the most timely being the production of toluene (used for TNT) from petroleum. From 1925 to 1928, Professor Komarevsky did research at the Kaiser Wilhelm Institute in Berlin, as a fellow of the Soviet Union.

# Junior Mechs Win IM Softball for Second Consecutive Time

For the second consecutive semester the Junior Mechs have won the intramural softball championship.

Arriving in the finals as the fourth place team following a round-robin affair with the other teams in the tourney, the Junior Mechs first defeated the Senior Chems 6 to 4 in the semi-finals and then followed up with a victory over the Soph-Isticates in the finals by a score of 5 to 1.

While the Junior Mechs were defeating the Senior Chems the Soph-Isticates were gaining a place in the finals by knocking over the favorites, the Senior Mechs, 9 to 1. These semi-final games were played last Wednesday at 11:00 a.m. on Ogdon Field. The finals were played off the same day on the same field at 5:00 p.m.

In the championship game, the first score of the game was on the part of the Junior Mechs in the second half of the first inning when on three consecutive errors A/S Norm Hankins crossed home plate.

No score for either team followed for four innings until the first half of the fifth when Mike Miyashita scored on Ed Arend's sacrifice to right field. Later on in the same inning the Mechs tallied for three more runs.

In this inning four hits on the part of the juniors and a sophomore error caused these three runs to score. After the initial and final score of the Soph-Isticates, only one more hit was garnered by them and that was by Henry Pype in the seventh inning.

Two more hits in the last of the sixth added another run to the Junior Mechs, score to make their final total five as compared with the losing Soph-Isticate's one.

Exceptional fielding on the part of infielders A/S Bob Negele and A/S Norm Hankins enabled the Junior Mechs to play an errorless game.

Those receiving intramural awards are the complete Junior Mech roster. They are A/S Jack Cappeck, A/S Marty Givot, A/S Alexander Mair, A/S Don Lange, A/S Charley Buckley, A/S Bob Negele, A/S Norm Hankins, A/S Ray Bojanowski, A/S Jack Caprone, Ernie Klimczak, Leonard Eller, A/S Ray Stryzek, Tom Ruck, and A/S Tom Kilgariff.

Junior Mechs			
Player	AB	R	H
Negele, 3b.	3	1	1
Buckley, r.f.	3	1	1
Hankins, s.s.	3	1	0
Bojanowski, 1b.	3	0	1
Caprone, 2b.	3	0	0
Klimczak, c.f.	2	1	1
Eller, l.f.	3	0	2
Stryzek, c.	3	0	0
Ruck, s.c.	3	0	0
Kilgariff, p.	3	1	2
Totals	29	5	8

Soph-Isticates			
Player	AB	R	H
Johnson, p.	3	0	0
Perry, 3b.	3	0	0
Gust, c.f.	3	0	1
Pype, 1b.	3	0	1
Donarski, s.s.	3	0	1
Miyashita, l.f.	3	1	1
Parker, s.c.	2	0	1
Arends, r.f.	2	0	0
Kartasuk, c.	2	0	0
Arima, 2b.	2	0	0
Totals	26	1	5

In one of the semi-final games preceding the championship game the highly-rated Senior Mechs took a trouncing at the hands of the Soph-Isticates to the tune of 9 to 1. Howie Johnson's pitching and the potent bat of Henry Pype plus steady fielding were the winning factors for the victors. The fourth inning was the only inning in which the sophomores failed to score.

Despite the fact that the Senior Chems led the league most of the season, a seemingly lack of spirit caused their downfall. A hitting Junior Mech team had little trouble in downing them 6 to 4.

## Prof McCauley Coaches Track

Prof. Roy B. McCauley, of the engineering materials department, is the coach of the IIT track team. After classes and on the track he is affectionately known as "Mac".

Mac went to Bloom Township High School where he not only participat-



Roy B. McCauley

ed in the fleetfooted activities, but also played football despite a slight stature.

After completing high school he went to Cornell College in Mt. Vernon, Iowa, where he really "took off".

Mac settled down to strictly distance running. He ran the mile, two mile, and cross country events. His best individual race was a two miler during the Drake Relays where he paced out a 9:42.5. This was a record until later broken by C. Clutterham.

At the peak of his career "Mac" held four records at one time. In the mile he ran a 4:20 time. Last year "Mac" was asked to coach the track team in the place of Dr. Rinehart who was so busy in the Research Foundation that he couldn't devote his time to the track team. The team had one of its most successful years, under his tutelage; and won the quadrangular meet, beating the University of Chicago, Wheaton, and Elmhurst.

"Mac" set a swell example for his team by helping the maintenance men keep the track in top shape and helping whitewash in lines before the meets. It was no strange sight to see the team on the field and watch the coach, in a regular uniform, running right with the rest of the boys.

"Mac" is going to have trouble next semester, however, finding time to coach the squad. The reason for this lack of time being that he must instruct 26 class hours per week. "Mac" says he thinks he will be able to adjust his schedule so that he will be able to coach the squad again this coming semester. He thinks the team will begin practice sometime in the middle of November.

"Mac" further says he wants to further advise track candidates to get up a good indoor relay team and that the indoor track season is the time when track reaches its high-point as far as having fun.

The standings of the teams preceding the playoffs are as follows:

TEAM	WIN	LOSE
Senior Mechs	6	1
Senior Chems	6	2
Soph-Isticates	6	2
Junior Mechs	5	3
Frosh Rats	5	3
Frosh Socks	2	4
Frosh Flashes	1	5
Junior Chems	1	6
Lewisites	0	6

## IM Softball Victors



JUNIOR MECHS—Shown above are the victors in the Intramural softball tournament. Reading from left to right they are (standing) A/S Ray Bojanowski, A/S Don Lange, A/S Alexander Mair, A/S Norman Hankins, A/S Ray Stryzek, A/S Charles Buckley, (sitting) Ernie Klimczak, A/S Tom Kilgariff, Tom Ruck, Leonard Eller, and A/S Bob Negele, A/S Jack Caprone, and A/S Marty Givot.

## Horseshoe End Is Approaching

The curtain is being run down this week on the intramural horseshoe tourney. The semi-finals will be played Tues., Oct. 3, at 5:00 o'clock. And the finals on Oct. 5, at 5:00 o'clock.

Going into the semi-finals are L. Bielicki, Ted Grabacki, Fred Leydig, and Roy Stryzek.

These singles matches are paired off so T. Grabacki will compete with L. Bielicki; and F. Leydig will compete with R. Stryzek.

The winners of these two matches will meet in the championship game. The champion and the runner-up will both receive medals.

The results of last week's singles in the horseshoe tournament are: Ted Grabacki won on a forfeit from Milt Cox, L. Bielicki won on a forfeit from Jim Kolgen, and Fred Leydig won over Leonard Slazinski, but no score was turned in for the match.

The doubles end of the horseshoe matches also comes to a close this week. The survivors thus far are R. Stryzek and F. Leydig, T. Gavin and R. Stewart, T. Grabacki and F. Pancner.

The champions will receive medals. The deciding game will be played Wed., Oct. 4, at 5:00.

**TECH SHORTS** by **TOM KILGARIFF**

With the completion of this semester's intramural tournament, the Junior Mechs have won three straight intramural tournaments. Starting as Soph Mechs back in November of last year when the much extended touchball tourney began, they proceeded undefeated to the championship several months later. The small group with slight variation formed the Junior Mechs softball team which also remained undefeated until they too had the intramural softball title for the spring semester. After the organization of a summer baseball tourney a slightly different Junior Mech team with the same nucleus was entered. After losing three games in the play preceding the playoffs between the four leading teams, they forged ahead to take again for the third straight time the intramural championships.

Following the game for this semester's title there has been some talk of unfairness involved in the running off of the playoffs. Of all said the only accusation by the sophomores which has any foundation at all is the one concerning the number of games in the playoffs. The fairest way, no doubt, would be to run the finals off in the manner of a City Series. But the obvious fact that time is at a premium prevents this from being done. In the same way each team only makes one circuit of the other teams before the playoffs. Even at this rate it takes several months to run off one tournament.

All of the other unfounded accusations bear the mask of poor sportsmanship. The game was refereed by competent officials—the assistant athletic director, Bernard Weissman, the intramural manager, Henry Koci and his assistant, Bob Kasnicka. The fact that two games had to be played on the same day gave equal disadvantages to each team. Most of the other statements were just about as foolish but the most idiotic was the one stating that the Junior Mechs should not have won the title because they were a fourth place team. It is sort of foolish to bring to mind the obvious fact that playoffs are for just that purpose—to enable a team which has lost some games for some reason or other to win the championship.

In their first encounter the Civilian All-Stars (self-styled) were defeated by Quarters #4 in a white wash affair 12 to 0. This showing was fairly good as the civilians had not had a chance to practice this new type of touchball whereas the sailors have played together for some time.

## Rainy Weather Halts Touchball

The navy intramural football tournament's schedule suffered drastic upsets due to the poor weather this week. Out of the eight scheduled games only three were actually played.

The game between 7A and 6A played on Monday evening wound up with a 13-6 victory for 7A. 7A scored both of their tallies in the opening three minutes of the game.

6A kicked off to 7A who had a reverse play set up for the kick-off. John Voda received the kick-off and, after running to the right, reversed the ball to Dennis O'Geary who raced to the left sidelines and then raced down the side-lines to a touch-down.

7A then kicked to 6A, who got the ball on their own 5 yard line. On the first play the alert line of 7A rushed the #6 passer and Norm Hankins blocked the ball so that it flew high into the air. Tom Kilgariff, 7A guard, also in the 6A backfield, then intercepted the partially blocked pass and scored for 7A.

6A scored later in the half on a fake reverse and then a spinner through the middle of the line. Fleetfooted Mel Stidbarn carried the ball on this touchdown jaunt from beyond the middle of the field.

On Tuesday evening 5A overran 3A to the tune of 26-0. The passing attack the #5 team used seemed to always find a man loose in the 3A backfield.

On the same evening 2B defeated 4B 18-0. The #2 men augmented a superior offense by an alert defense which succeeded in stopping 4B from getting their offense rolling.

The games which were called off due to the weather will be rescheduled at a later date when the weather will permit.

## Intramural Tennis To End This Week

The intramural tennis tournament is heading into its final week with three contestants all vying for the King-Pin Spot. These men are I. Goldenberg, Eugene Hill, and David Afton.

Because there were three contestants no system could be devised that would be fair to all concerned. Henry Koci decided to leave the decision up to fate and flipped a coin three times. The odd man automatically being put into the finals.

Eugene Hill will play Goldenberg as a result of the toss. The winners of this match will play David Afton for the championship. The Hill vs. Goldenberg game will be played Tues., Oct. 3, at 5:00 o'clock. The championship match will be played Oct. 4, at 5:00 o'clock.

Medals will be awarded to the champion and the two runners-up.

## Techawk Rifle Team Bows Before U. of C.

The IIT rifle team lost their second successive match to the University of Chicago by a score of 920 to 875.

Leonard Brown still leads the Tech marksmen by shooting a 182, making his average for three matches 183.6.

The match was shoulder to shoulder and held at the University of Chicago. Tech's record so far is one win over Stevens Institute and two losses to University of Chicago.

The Tech boys have had difficulty in getting enough practice, but with a little more polishing off on the rough spots the team will be first rate.

IIT	U of C	
Brown	182 Stetson	183
Ransom	180 Bokman	187
Schmidt	178 Bokman	183
Wilt	176 Nelson	182
Schneider	159 Tully	180

## Musical Organizations Have Been at IIT Since Founding of School 50 Years Ago

Music organizations have existed at IIT in one form or another since the founding of Armour Mission in 1894, according to O. Gordon Erickson, director of musical clubs. Erickson has been at IIT for eleven years.

The musical organizations give an average of sixteen concerts a year. The highlight of the season is always the Goodman Theatre concert, which this year will be in January.

A surprising addition this year has been the girls glee club from the Signal Corps on the west campus. Erickson is planning two broadcasts by the combined girls and boys glee clubs before the first of the year.

Excursions to three or four cities are made during the year where the organizations appear before prominent civic clubs. These trips serve not only as good publicity for IIT, but for educational value to the students. Usually a side trip through some industrial plant is planned.

The military band is an outgrowth of the navy need for a marching band. Erickson said he felt particularly fortunate in finding its instrumentation such that concert work, made up half of reed instruments, is also feasible.

The glee club and orchestra existed as one at first in the form of a glee club-mandolin guitar group, so popular at the time. Gradually, however, they divided, becoming single organizations as we know them today.

Erickson said he felt one of the glee clubs best years was the 1941-42 season when they were entered in the Fred Waring national contest. The orchestra, which now has its individual place, still serves as accompanist to the glee club.

## Radio Fraternity Pledges Six Men

Five navy students and one civilian were pledged to Rho Epsilon, national professional radio fraternity, last Monday.

The pledges are: A/S Arthur Biehl, A/S Joseph Centa, William Kneen, A/S Ted Maciejewski, A/S Raymond Mead, and A/S Robert Sodaro.

According to Russell Kasmar, treasurer, the formal initiation of these pledges will be held Wednesday, October 11.

## Robert Harper Honored By Chemist Association

Robert Brinton Harper, vice-president of the Peoples Gas, Light, and Coke Company, is the 1944 recipient of the Honor Scroll award presented each year by the American Institute of Chemists. He is an Armour alumnus.

## Fraternities

### Pi Kapps Will Have Initiation Saturday

An informal initiation of the six Pi Kappa Phi pledges will be held Saturday in the home of A/S Bill Pottenger, according to A/S Doug Snyder, archon.

The informal will be followed by a formal initiation Sunday at the home of John Sachs. The actives will meet alumni members for a dinner following the initiation.

The pledges are: A/S Warren Lennox, A/S Bill Cummins, A/S Robert Fencl, Don Alberts, Bob Spitzig, and Henry Hawrylewicz.

Officers for the coming term will be elected at a meeting of the active Wednesday at 5 p.m. in 405M.

### Brasch Visits Sigma Alpha Mu Chapter

Jerome Brasch '44, visited the chapter last week. Jerry has just completed his boot training at Great Lakes and will be sent to a radio technicians' school.

Morton Paul visited the chapter at the University of Illinois last weekend.

## ITV Makes Leggett Honorary Member

Captain William B. Leggett was voted to an honorary membership of the IT Vets. The captain was the guest speaker at the last meeting at which time he explained the operations of the "G I Bill of Rights".

Vice-President Sidney Mayster disclosed that there are several World War II veterans enrolling next semester, among them a Carlson Raider. In accordance with the constitution the incoming veterans will be given individual aid and advice.

The members of ITV also decided that the club should have individual membership cards. A committee composed of William Rivkin and Bernard Karsh will decide the type and style of the membership cards.

## Eight New Members Accepted by "Eye"

Armour Eye, the IIT camera club, initiated eight new members last Friday. The new men completed their pledge duties Saturday by cleaning club equipment.

Preceding the initiation a quiz on photography was given. The men who made low scores will have to turn in extra salon prints.

The students initiated according to Leonard Brown, president, were: A/S William Andrews, A/S John Conklin, A/S John Enander, A/S Julian Fanselow, A/S Robert Freund, Robert Pogoff, A/S Harry Weinstein, and George White.

## Civils Visit Chicago War Plant as Part of Study

The senior and junior civils visited the Chicago Bridge and Iron Works recently.

The main features of the trip were the tours through the various shops, and how the prefabricated parts of the structures that the company is making are put together.

The company gets its materials in sheets. These sheets are then stamped or punched into the desired forms. There was no riveting used in the fabrication of the pieces that had to be put together. The different types of welds, and how to overcome the difficulties of many types of welds were also shown and explained to the civils by the company guide.

The company, which is also making LST ships and tanks for butane gas, invited the civils as their guests to dinner.

Professor E. Feisenheiser had to get special passes from the War Department in order for the civils to make the tour.

## Graduate Club Meeting To Be Held Wednesday

The Graduate Club will again resume activity, stated Robert Rose, former secretary of the club. There are now a sufficient number of graduate students and assistants to take part in the club's program.

This Wednesday the first meeting in the past two terms will be held in room 217 C at 5:00 p.m.

### TECH TIME TABLE

All items appearing in Tech Time Table will be those which are scheduled with Dean Tibbals. No other items will be used.

#### MONDAY, October 2

Rifle Club 5:15 p.m. 103C  
Pi Kappa Phi 5:00 p.m. 405M

#### WEDNESDAY, October 4

IAES 11:00 a.m. 211C  
Freshman Class 11:05 a.m. 202M  
ASME 11:00 a.m. 905M  
Phi Lambda Epsilon 11:00 a.m. 405M  
ASSC 5:00 p.m. West Dining Room

## Civil Pledges



CHI. EPSILON MEN—Professor Victor Streeter (left) and Selwin Goldblatt are two of the pledges to Chi Epsilon, civil engineering honorary. A/S Herbert Miller, the other pledge, is not present.

### MAN OF THE WEEK

(Continued from Page 2)

trips in the open country or an equally long match of tennis. However under the stress of the accelerated school program and the extra work on *Technology News* he has found little time for these favorite hobbies. When not working, Herman likes to sleep, getting from four to five hours a night.

Herman came to Illinois Tech in September, 1942, from Morton high school, where he was valedictorian of his class in spite of the fact that he finished school only in three years. While at Morton, he worked on the newspaper and served as publicity agent for the student governing body. Four national high school honor societies claimed Nelson membership. In addition the debating team, chemistry, physics, Latin, and social studies clubs had Herman as a member.

As to the future, Herman plans to continue his studies until he completes his work for his masters and doctors degrees. Completing these he would like to work in his chosen field, preferably in some foreign country. In the meantime, Herman Nelson, journalist and scholar, continues following his philosophy of "lots of work and plenty of extra-curricular activities."

## Alumni Association Will Hold Thursday Meetings

All alumni are invited to the general get-togethers which are to be sponsored by the Alumni Association, Miss Jeannette MacLuckie, secretary stated.

The get-togethers will be held every Thursday at 12:15 on the eighth floor of Carson Pirie Scott & Co. where luncheon will be served.

## Origin of 13 Illinois Tech Honoraries Outlined; Tau Beta Pi Longest at IIT

There are at present 13 honor societies on the IIT campus. Tau Beta Pi the general honorary fraternity was founded in 1885 at Lehigh University. The Beta chapter of Illinois was founded at Illinois Tech, then Armour, in 1906.

## Co-op Questionnaire Will Be Distributed

Special questionnaires will be distributed this Friday to students by the Co-operative Bookstore.

The purpose of these forms is to help the Co-op in ordering so that they will neither over nor understock at the beginning of next semester. The questionnaire requests students to list those courses for which they will purchase books next semester.

The forms, according to business manager, Robert Pogoff will be given out in each classroom from 10 to 10:10 a.m. and collected as soon as possible. Pogoff stated that certain students will also hand out these blanks to those in the library, lounge, cafeteria, and auditorium. Students who miss the Friday distribution may obtain blanks at the Co-op store on fourth floor Chapin. The forms may also be returned there.

Pogoff requests all students, civilian and navy, to co-operate in this endeavor to increase the efficiency of the student bookstore. The students are asked to list only those courses for which they intend to purchase books from the Co-op. No obligation is attached.

## Kupeck to Address Polish Club Oct. 26

Leon Kupeck will address the Polish Club at their next meeting on Friday, October 26. He has been giving talks to the various clubs that are members of the Chicago Council of Universities Polish Clubs.

Kupeck's subject is the objectives of the CC of UPC. He will also discuss the scholarship and loan fund. According to Irene Ptak, president of the Polish Club, a movie will also be shown at the meeting. The movie is about the experiences and travels of Mitchell Zwierzke.

The movies will be at the west campus and President Ptak stated that everybody is invited to attend.

## Gene Nowlin Receives Master's Degree Here

Gene Nowlin, assistant instructor of Chemistry at IIT, received his master's degree in chemistry last week. Mr. Nowlin hails from Texas and has served in an official capacity at IIT since September of 1942.

Eta Kappa Nu, national electrical honorary fraternity, was established on the Armour campus in 1909. The Delta chapter being the fourth branch of the fraternity.

The second chapter of Chi Epsilon was established at Armour Institute in 1923. Phi Lambda Upsilon represents another of the earlier formed honor fraternities. The chapter at Armour was founded in 1929 through the efforts of Dean C. A. Tibbals and Mr. C. F. Smith, members of the chemical engineering department.

Armour received the fifth charter issued by Pi Tau Sigma in 1924. This honor fraternity is for mechanical engineers. The areos also have an honor fraternity at IIT. It is Tau Omega and was founded at the University of Oklahoma in 1927. In 1943 the Illinois Delta chapter was installed at Illinois Tech.

Founded in 1886 Sigma XI is a national fraternity which honors men for research ability and creative work. In 1943 The Illinois Tech chapter of Pi Delta Epsilon was founded. This honor society is a journalism honor group.

In 1911 Honor I was founded with the creed of urging student participation in the various sports. It takes more than a major letter to be elected to this society. The candidate must be of outstanding character and personality.

Pi Nu Epsilon was the second non-engineering fraternity at Armour Institute being founded in 1927.

Salamander, honorary fire protection engineering fraternity is virtually extinct at the present time as only one member remains on the IIT campus.

## Five Are Initiated Into Eta Kappa Nu

Four navy students and one civilian were initiated into Eta Kappa Nu on Saturday, September 23.

Eta Kappa Nu is the national honorary electrical engineering fraternity. The new members are: A/S Arthur Biehl, A/S Roger D. Franze, A/S Ernest Martt, John Mitchell, and A/S Robert E. Saxe.

According to Russell Kasner, corresponding secretary, the initiation was followed by a banquet at the Swedish Club of Chicago. Dr. Thomas Tiggins, EE professor, and Rodolfo Soria, instructor, were guest speakers.

## Have a "Coke" = Welcome back

... or giving a returned soldier a taste of home

There's an easy way to make a soldier on furlough feel right at home. It's to offer him refreshing Coca-Cola. Have a "Coke" is always the hospitable thing to say. In many lands overseas, as in your own living room, Coca-Cola stands for the pause that refreshes, —has become a happy symbol of hospitality, at home as everywhere else.

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

"Coke" = Coca-Cola  
It's natural for popular names to acquire friendly abbreviations. That's why you hear Coca-Cola called "Coke".

SIX  
Civilian's Choice



BATHING BEAUTY—Eloise Gooris is the entry of Karl Bruegmann, senior ME, in the Technology News pinup contest.

## Agnes Burge Heads New Secretaries' Lounge; Opening Held Saturday Noon

The new secretaries' lounge officially opened last Saturday noon. The secretaries discussed the future aims of the lounge. President of the lounge is Agnes Burge, secretary Yvonne Kustudich, Emily Muss treasurer, Mildred Janausek and Ethel Hammill, members at large.

Secretaries who participate in club activities will pay dues amounting to twenty-five cents a month. The membership will entitle them to all magazines, books, phonograph records, radio, and all the social events that the new club will sponsor.

Some of the girls are in charge of various activities are Katherine Reid—Handicraft; June Tatro—outdoor activities and sports, Ethel Hammill and Mildred Janausek—indoor activities and social events, Mary Manella and Yvonne Kustudich—newspaper, Agnes Burge—study groups, Elsie Young—bulletin board and Emily Muuss—greetings committee.

The lounge is opened from 8 a.m. until 7 p.m. on weekdays and from 8 a.m. until 1 p.m. on Saturday. The lounge is located in the south end of Chapin Hall.

## Visual Ed May Become Permanent Department

The Visual Education Department, which is a part of the War Training Program at IIT, will probably become a permanent division of the school. According to Howard E. Smith, director of the Visual Ed Department, after the war the department will gradually move over as a part of IIT.

At present the department is showing about 45 films a week. The shows are mostly for the War Training Program, and consist of movies, slides, and illustrations.

As a part of IIT the Visual Ed department would aid various classes by their shows. They would schedule the shows as well as provide equipment and operators.

Operators of the movie projectors are of vital importance, said Smith. Since there is a manpower shortage, Smith will teach all prospective operators how to handle the equipment, and advises all those interested in this paying job to contact the Visual Education Office.

## War Research Done by Mechanics Department

Dr. Le Van Griffis, associate professor of mechanics, has released the following facts about research work which is being done by the Mechanics Department.

There is a very confidential research project on the behavior of steels used in ship construction. Specially prepared specimens requiring ingenious new devices for strain measurement operated by selsyn motors is being used for the experiments.

The tests are conducted behind one-quarter inch steel plates for protection. Visitors include leading scientists and naval and military personnel from Washington, and also merchant marine officers.

## Pinup Contest Ends This Week

The two finalists in the Technology News Pinup contest will appear in the next issue. One will be a navy entry and the other a civilian entry. One of these will be designated as the winner and will receive a bid to the "Phinal Phling", next ASSC dance.

It is still possible to submit entries, however, and they will be accepted before or on the deadline, Wednesday. Late entries will be given the same consideration as the earlier ones.

Pictures may be submitted to the News Bureau, fourth floor Chapin, or placed in the Technology News Box in the lobby of Student Union.

Another sample of the competition is presented in today's issue of the paper. Students who feel they can submit better entries are asked to produce visual evidence.

All pictures will be returned undamaged after the contest to those who entered them.

## Lewis Alumnus Elected National Head of ASME

Alexander Bailey, alumnus of the Lewis class of 1903, and vice-president of the Commonwealth Edison Company has been elected to the presidency of the American Society of Mechanical Engineers.

Bailey's election took place at the annual fall meeting of the society in New York.

## Yeoman LeClair Has Seen Atlantic Duty

After 26 months with the Atlantic fleet, Yeoman 1/C William LeClair has been stationed with the Illinois Tech ship's company. LeClair who joined the unit recently has been in the navy for three years. His home is in Atlanta, Georgia.

LeClair is the second new yeoman to join the IIT ship's company this month. Three weeks ago, Yeoman 3/C Serane Henes joined the unit after spending 14 months with the Pacific fleet. He was in the Marshall, Gilbert, and Marianas Islands. Henes earned his rate by attending yeoman's school while aboard ship. He has been in the navy for two years. His home is in Richmond, Minn.

These new yeomen have replaced Yeoman Robert Morgan who is now in San Francisco waiting assignment to a ship and Yeoman Raymond Leuchtman who is at the Great Lakes hospital under medical observation. Leuchtman is scheduled to be attached to the Atlantic fleet.

According to a letter received by Lt. Wayne A. Hamilton, commanding officer of the Illinois Tech V-12 unit, Morgan met Storekeeper Chester Tracy, also formerly a member of the IIT ship's company, in San Francisco. Tracy is also awaiting assignment to a ship.

## Group Hears Vagtborg Speak on Mexico Today

Dr. Herald Vagtborg, director of the Armour Research Foundation, will address the Silver Llama Club in Cincinnati today. This club is composed of industrialists, bankers and research men. These men were associated with the National Research Council tour of South America.

Vagtborg will address the meeting on the subject of Mexico as the southern industrial frontier. His talk will be illustrated with colored motion pictures of Mexico which were taken only a few weeks ago.

## Alpha Chi Sigma Admits 12 Men to Membership

An informal initiation of 12 pledges was held last Friday by Alpha Chi Sigma, national professional chemical fraternity.

This affair climaxed a pledge period of more than a month and terminated the series of duties which the pledges had been required to perform. According to Edward Schaschl, president, the new men who had not been diligent in performing their duties were suitably rewarded at the session Friday.

The formal initiation, which does not have the hazards of the informal, will be held within two weeks.

## Armour Eye Has Complete Facilities for IIT Students Interested in Photography

The Armour Eye rooms on fourth floor Chapin include complete studio equipment for all photographic work. The club, recently limited to thirty members, does all the pictures for Technology News, as well as the candid work and most of the portraits for the Integral.

## Charles Smith New Aid on Sports Page

Owing to his meritorious work the past few months A/S Charles Smith of Quarters #6 has been appointed assistant sports editor on the staff of Technology News, announced the newspaper's managing board.

A member of one of the new journalism classes, Smith has worked for both the feature and front pages before contributing his efforts to the athletic section of the paper.

## Sodaro Elected to Presidency of AIEE

A/S Robert Sodaro was elected president of the IIT section of AIEE last Wednesday.

At the same meeting, Ernest Martt was elected vice-president; William Kneen, secretary; and Russell Kasmar treasurer. These officers will hold office during the coming semester.

According to Kasmar, the recent beach party held at the 56th street promontory was quite successful. The refreshments consisted of hot dogs, beer and toasted marshmallows. Group singing was also conducted.

## NAVAL NOTATIONS

### Quarters #1

After questioning it was discovered that Bob Anschicks is the masculine "Powers" model whose picture is seen on billboards about town advertising the Illinois Tech War Training program. Quarters #1 men knew Bob was handsome but really didn't know he had attained such heights of stardom.

A crestfallen expression has appeared on the seniors' faces since the scuttlebutt has started concerning the number of men who weren't able to finish "middie" school.

Liberty until 0800 on out of bounds passes has proven very popular with the boys as can be seen by the number who have taken advantage of it.

Huntly "Stinky" Depew wants to make a return visit to Peoria after he discovered how good a liberty town it is. It is reported to have excited him somewhat.

### Quarters #2

A number of men spent the past weekend at home with relatives. These men are Bob Blackburn, Wallace Feldkircher, Willard DuVall, Joe Centa, Al Bowman, Walt Breisch, Bob Harmon, Dick Papps, Mike Malis, Virgil Newbrander, Henry Zehe, and Dick Thomas.

George Slaughter and Warren Lennox were granted emergency leave due to the passing away of close relatives. All the men in Quarters #2 expressed their deepest sympathies to both families. The men of the quarters sent flowers as a token of sympathy.

Another man from the quarters who completed midshipman's school returned for a visit with his former shipmates. He was Sandy Pearlman and was assigned to the Prairie State after spending two semesters at IIT. While on the Prairie State he contracted measles and was sent to sick bay. Not being able to make up his work he was transferred to Cornell where he finished his midshipman's training. Later he was sent to Flint, Michigan for diesel training and is now enroute to the west coast to await assignment.

James Stewart commonly known as "Arkansas" also paid a visit last Friday. He spent one semester here then was transferred to Corpus Christi, Texas as a Tar-Mac. At present he is at Glenn View Air base instructing cadets in the use of

small arms. He expects to be transferred to aerial gunnery for further training in several weeks.

### Quarters #3

Some of the fortunate seamen who visited friends or relatives, last week, beyond the 75 mile limit were Ted Zaggy, Stefan Graf, Robert McElwain, Bill Johnson, and Peter Parlos.

3A lost a tough battle to 5A while 3B did not play the past week. This rest is expected to give the injured players plenty of time to recuperate.

The quarters is wishing Bob Reeves a speedy recovery to the slight injury he received in physical training. Pete Outcalt visited the quarters last week. Pete is still in the hospital at the Lakes.

### Quarters #4

Arnold Kleinrath has actually turned over a new leaf. He no longer is tempted by intoxicating beverages nor intoxicating women excepting one Lorraine who works at Huber and Huber. He often meets Lorraine between classes and takes her walking as far as bounds permits on Michigan Ave.

Strange rumblings are coming from Niles, Michigan, involving James Norton in not just a triangular, but a quadrangular woman affair.

David Liston is in a mood to match the blue in Jack Caprone's pajamas. His fiance, instead of waiting any longer for him, has decided to go to college. Perhaps Allan Kukral's little black book will turn out to be the solution.

Someday maybe Howard Hanks will really break down about his past, but in the meantime only conjecture can lead to the history of the yellow T-shirt covered with lipstick marks. He has cherished it since summer and is now wearing it to bed!

### Quarters #5

A hay ride is being planned as the farewell party for the seniors. Tentative plans place the date as October 14. Ralph Huff, Edward Ahlers, and Thomas Turcotte are the committee in charge of the affair.

Ensign Jack Soderberg, a first semester graduate from the house, made his second visit last Friday afternoon.

Salty is creating a new prob-

In the studio are available flood lights, spots, varicus tripods, back ground screens of blue, white, and tan, and a5x7 plate camera. Here is done portrait work, and modeled pictures. Some members do table top photography. According to Leonard Brown, president of Armour Eye, the club is planning the purchase of some drapes as additional back-ground material.

Two dark rooms, one for developing and the other for printing, are fitted with chemicals, developing apparatus, drying racks, enlargers, and a contact-print box. An Elwood enlarger is used for the smaller negatives, and an Omega enlarger for bigger negatives such as plates. The supply of chemicals is maintained out of the club dues, and hypo and developer are always ready. Retouching equipment is available for portrait work.

Each member is required to present at least one salon print a month which is displayed in the SU or in the clubroom.

## Dr. Thomson Expected to Return Later This Week

Dr. J. S. Thompson has been confined to his home with complications. Prof. M. Alden Countryman, and Arnold G. Meister have been taking his classes, but his return is expected sometime later this week.

lem—cats. Since most of the cats in the neighborhood are of the vicious variety, ways and means are being suggested to protect the house dog from their claws.

### Quarters #6

A strange malady has come to darken the door of Quarters #6. This peculiar disease seems to affect only the men who claim Detroit as their home. It all began very mysteriously, right after the Tigers lost one of their two games to Washington, while the St. Louis Browns picked up two against the Yankees. This disease has not yet been named but the symptoms are, advanced grouchingness, and a definite desire to avoid non-Detroit members of the quarters. An equally mysterious society has also been formed right after the memorable games. All that is known about it is that the password is 9-2 and countersign 1-0.

### Quarters #7

It was with great surprise that the members of Quarters #7 received the news that its two July delegates to midshipman's school, former MAA Mike Koenig, and Phil Lawler, were unsuccessful in their bids for commissions.

Another Quarters #7 man has joined Donnie "Limpy" Lange in the ranks of the invalids. He is Bernard Steenson, the gentleman who is proudly showing off his black and blue toe which he injured in a basketball game.

Glen Neiswander was in his usual destructive mood last week when he again destroyed a "valuable" pane of glass.

Wednesday night's liquid weather found Quarters #7 entirely unprepared. When someone finally noticed that the window was open next to Ivan "Goober" Goldberg's bunk, it was already more than slightly dampened. Austin "Tall Man With a Pipe" Brant had some difficulty wading through the more than two inches of sewer water to remove his clothes from the wash machine without electrocuting himself.

In his spare time, Tom Kilgariff, the "Delavan Kid", has compiled a list of nick names for every member of the quarters. Samples of his work are John "Big Stick" Voda, Sol "Pauncho" Rosenthal, Dick "Lounge chair" Michalek, and Carl "Waterfalls" Child.