

THE ITSA CONSTITUTION assembly, supposedly an all school assembly, fizzled out into a regular ITSA board meeting with the usual number of non-members present. The ITSA hoped that all those who were interested in the constitution would be present at the special meeting.

Perhaps the poor showing is an indication of how many students are interested in the student government activities at IIT. More probably the reason was that the constitution to most students is such a boring subject that they have no interest in it. They cannot be blamed for that. But I do hope that when the time comes to vote on the constitution, they will at least go to the polls with some knowledge of what they are voting for.

The ITSA open meeting was an opportunity for the students to see their student governing body really in action. Too many of the people around school have complained about the ITSA and how poorly organized it is. Most of these complainers never attend the meetings, and thus do not have any direct information on the organization.

I am not trying to defend the ITSA. In fact that organization really requires a lot of improvement. After attending its meetings for over a year, from my experience I must state that many high school government groups would put the ITSA to shame. The blame cannot be put on the members, however. Most of them seem to be interested in promoting good student government. But it seems to be the same old story there as with many other groups on the campus. There is just too much inertia. People are too content to let things go on the same way semester after semester. The same situation still exists there now that has been there ever since I first attended their meetings. Even some of the board members have complained to me on how inefficiently the meetings are run. Personally, I don't blame the students for not coming to the meetings!

But what can be done?

For one thing, the board members should come to the realization that they do not have a perfect organization and that it is up to them to improve it. The best way to do that

(See AS I SEE IT on Page 6)

New Armour Players Plan Production Of Vane's "Outward Bound" for Next Term

The Armour Players will probably present "Outward Bound" some time next semester.

At the player's meeting last Thursday "Devil is a Good Man" was presented as the possible play; but the members rejected it because of the play's brevity.

Then Dr. Fritz Richter, the club's sponsor, suggested "Outward Bound". After a few lines of the play were read the members became interested enough to start tryouts.

Although the presentation of "Outward Bound" is just tentative the members were advised to procure copies of the play and to read it. By the next meeting the members will know enough about the play to decide definitely for or against it.

According to Herman Mirochnick, president of the Armour Players, more fellows turned out for this play than ever before. Mirochnick also disclosed that rehearsals would begin as soon as presentation of the play becomes definite. The play will then be presented some time next semester.

"Outward Bound" is a satirical comedy about death written by Sutton Vane.

The play concerns a ship without captain, crew, or lights that is sailing silently along. The passengers are under a sense of unreality and suspense. The travelers then deduce that they are all dead and that they are heading for heaven or hell. How

(See PLAYERS on Page 6)

4 Professors Soon to Retire Served a Total of 133 Years at Illinois Tech

Four members of the faculty of IIT will retire this week or at the end of the term because they have reached or passed the 65 year retirement mark.

The four faculty members are: Arthur H. Carpenter, associate professor of metallurgy; Dr. Ernest H. Freeman, professor of electrical engineering; Mrs. Olive Pierce Hazel, Lewis instructor in physical education; and Robert V. Perry, professor of machine design.

Professor Carpenter and Mrs. Hazel have both been teaching since 1920. Prof. Perry has had the longest term of service, beginning at Armour in 1901, while Prof. Freeman has taught at IIT since 1902.

Arthur Carpenter

Professor Arthur Carpenter received his B.S. degree from Northwestern University and his A.M. degree from Ohio University. When he was 17 years old, he worked as a chemical assayer. Later he turned to prospecting. He was also superintendent, partner, and general manager in various metallurgical firms, including private practice as a consultant.

In 1920 he became an assistant professor of metallurgy at the Armour Institute of Technology and in 1929 became an associate professor. Dr. Carpenter is now on the research staff of the Armour Research Foundation as a consultant. He is a member of the Delta Tau Delta, Pi Gamma Mu, Alpha Chi Sigma, and Phi Lambda Upsilon fraternities.

He is also a member of the American Institute of Mining and Metallurgical Engineers, and a fellow of the American Association for Advancement of Science, Society for the Promotion of Engineering Education, American Society for Testing Materials, and American Society for Metals.

(See PROFESSORS on Page 6)

Faculty Club Plans Now Being Mapped

Plans are now being made for the post-war quarters of the faculty club. According to the club president, Professor Walter Hendricks, these new quarters will be situated in the yet-to-be-built administration building. The faculty will probably occupy a wing or a floor of the building. The plans include a dining room in addition to the club rooms and lounge.

The club is not as active as it once was, according to Dean C. A. Tibbals. Dean Tibbals is a member of the loan committee. In the past, this committee extended financial aid to many students who needed it. The money was made available from the club treasury.

A student wanting this aid made application with the institute aid committee first. The application was then turned over to the club committee for consideration.

Abnormal war conditions is Dean Tibbals' explanation of why the committee is now inactive. It has extended no loans in the past few semesters. However, these loans are still available for those in need.

"Queen Charmaine"



INTEGRAL QUEEN—Pictured above is Charmaine Forsland, 1945 Integral Queen. She was presented to the student body Saturday evening at the Integral Ball.

Queen Reigns At Annual Ball

Height: 5 ft. 3 inches, weight: 113 lbs; age: 17½ years; waist: 25 inches; hips: 35 inches; bust 34½ inches; hair: blond;—these are the "specifications" of Charmaine Forsland, 1945 Integral Queen.

Miss Forsland was presented to the student body at the Integral Ball Saturday evening. At that time she received a silver locket inscribed with her name. A/S Henry Brooks of Quarters #1 escorted her.

The court was made up of Shirley Anderson, Pat Elsam, Jean Irmeter, and Ruth Nelson who were escorted by A/S John Longest, A/S Tom Paulson, Edward Omberg, and Bill Christensen, respectively.

The average member of the court has a waist of 24 inches, hips and

(See QUEEN on Page 6)

ASCE Stag to Have Speaker and Movies

ASCE will hold its first stag of the present term Wednesday, Sept. 6 at 8:15. The stag, which is to be held in the student lounge, will feature Prof. Phil C. Huntly, head of the civil department, as the guest speaker.

A special full length presentation of "The Battle of Russia" will be shown. There will also be movies from the civil camp.

According to Lewis Davidson and Max Reiss of the social committee, all students enrolled in the civil engineering department should definitely attend the affair and meet their fellow students.

This Wednesday, a business meeting will be held in room 220 C at 11 a.m.

Phi Lambda Upsilon Pledges Four Men

Four men were pledged last Monday night to Phi Lambda Upsilon, chemical honorary. They are: William Colner, Kaz Horita, Susumu Nakazato, and George Wilmsen. Colner is a graduate student, Horita is a junior, and both Nakazato and Wilmsen are seniors. All are majoring in chemical engineering.

As part of the pledge duties, each will be expected to carry with him at all times a 2 foot length of pipe and a flask containing a colored chemical. Each day the liquid must be replaced by one of another color. They must also get signatures daily of the actives, both faculty and students who are on the campus.

Proposed ITSA Constitution Referred Back to Committee

The ITSA Constitution revisions have been referred back to the committee, following the ITSA constitution assembly last Wednesday.

Three important revisions were suggested by the members of

the student body in the audience. Tom Ruck president of the junior class, suggested that the constitution specify that class meetings be held at the beginning of each semester to acquaint the class members with the individuals who are running for class offices. In that way the students would have some idea of whom they are voting for in the forthcoming elections.

A/S Ramon Olson, co-editor of *Technology News* suggested that the Honor Board not be referred to in the constitution proper, but appear only in the by-laws. The reason for his suggestion, he explained, was that the honor system is not so well established at IIT that it should be incorporated in the aims and purposes of the ITSA section of the constitution.

Herman Nelson, *Technology News* co-editor, stated that the method of ratification should be incorporated in the constitution. Without such a clause, he asserted, no one would be able to tell when a sufficient number of students had passed the constitution in order for it to be officially ratified.

Nelson also suggested that the word Lewis be stricken from the document and be replaced by the phrase "arts and sciences", and that the two branches of the school be denoted by arts and sciences and engineering. He explained that in order to make the constitution a lasting document it would have to take into consideration the eventual merger of the two campuses. Therefore it would not be advisable to specify the parts as Armour and Lewis in the constitution.

The committee was instructed to report at the next meeting of the board. Less than a dozen non-members attended the assembly.

War Training Classes Open

Chicago war workers can get free technical training for more skilled and responsible jobs this fall, when Illinois Tech opens its 12th evening war training program in September.

Eighty-six tuition-free courses, covering virtually every field of war work, will be available.

Thirty-five of the courses are in radio and electrical engineering. They include eight fields: mathematics, radio engineering, ultra high frequency, electronics, telephony, power, power systems and illumination.

Registration for the radio and electrical engineering courses will be held each weekday evening on both the south and west campuses from 6:30 to 9 o'clock, from Monday, Sept. 4, through Friday, Sept. 15.

The other 51 courses are in the general war training program. They cover such subjects as accounting, chemistry, drafting and design, engines, inspection and testing, metallurgy and metallography, and production and management.

Registration for the general courses will run from Monday, Sept. 11, through Friday, Sept. 22. Students can register from 6:30 to 9 p.m. on Illinois Tech's south campus. Classes begin Sept. 25.

A total of 3702 Chicagoans, most of them war workers who wanted upgrading, registered for the courses last fall.

The training is tuition-free, with costs paid by the United States Office of Education, through its Engineering, Science and Management War Training program.

Dr. Yale Brozen to Have Workbook Published About Economic Problems

Dr. Yale Brozen has announced that his economics workbook will be published in time so that it will be in use by students next term. The title of the workbook is "Economic Analysis, Institutions and Problems."

Brozen has worked on the workbook for three years; the first year he gave quizzes to his students, and selected the best of the problems. The second year he selected the best problems of the first group of problems that he had given his classes. The workbook is now at the printers and parts of are already being used in his classes.

The reason that the workbook is being published is because there are no available specific problem books which may be used by students. The main idea of the workbook, according to Brozen, is to make elementary economics more precise and definite so that the student may be able to distinguish between right and wrong as far as economic questions are concerned.

Brozen also stated that he is writing a text book which will be finished by the end of next year. This book will be synonymous to the workbook, using the same table of contents for text and workbook. Each chapter will contain one or more problems and one chapter will be a recitation period.

Brozen also stated that on writing another book contain readings. The main idea of the book will be that the way in which people

Charles L. Bolte, '18 Heads 34th Division

Major General Charles L. Bolte, former student of Armour Institute of Technology, is commanding the veteran 34th Infantry Division, it was announced recently.

Bolte, a 49-year-old general who never went to West Point but entered the Army as a second lieutenant after graduating from Armour Institute of Technology, saw service in France with the 4th Infantry Division in World War I. He was wounded in France but remained in the field and later served with the army of occupation.

From 1922 to 1926 Bolte was aide to Gen. J. L. Hines, then chief of staff. He is a graduate of the Infantry School, the Command and General Staff School and the Army War College. His most recent duties include serving as assistant chief of staff, G-3 4th Corps, special observer in London, chief of staff of the initial American forces in England, assistant division commander 91st Infantry Division and commanding general of the 99th Infantry Division.

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Worthy Revivals

Contrary to general conditions a few organizations at IIT have shown unexpected activity during this term.

Foremost of these is Armour Eye, which suddenly came to life with the election of Leonard Brown as president. Armour Eye has since pledged a large number of students and the club's equipment is being used to advantage. The club members are now required to do a certain amount of actual work or pay a fine.

Because several students were interested, the Drama Club has also begun activity. Under the leadership of Herman Mirochnick, and with the interested and efficient sponsorship of Dr. Fritz Richter, the club will soon begin work on a play.

Both the Rifle team and club are also deserving of mention for their activity. For a long time the Rifle club, which formerly included the team, accomplished nothing. Now, however, the two organizations have separated and both are active. The team, particularly, has made ambitious plans and is seeking competition.

The students, themselves, have made these organizations what they are. Other campus activities have the framework, but there is no adequate student participation to make them click.

Idle Brainpower

A total of 13 honorary fraternities, representing every department in the school, are now adorning the various Illinois Tech campuses. The majority of the honoraries do little more each year than pledge new members, elect officers, and present keys to the membership.

Many may maintain that it is not the place of the honoraries to be any more active than they are. However, when one considers what they could accomplish, this statement clearly becomes questionable. A few examples of what the honoraries could do might be:

1. Sponsor programs for the entire student body during the Wednesday free hour. These programs concerning their branch of engineering could take the form of lectures, round-table discussions, movies, etc.

2. Furnish inducements for greater scholastic achievement to underclassmen in their respective fields.

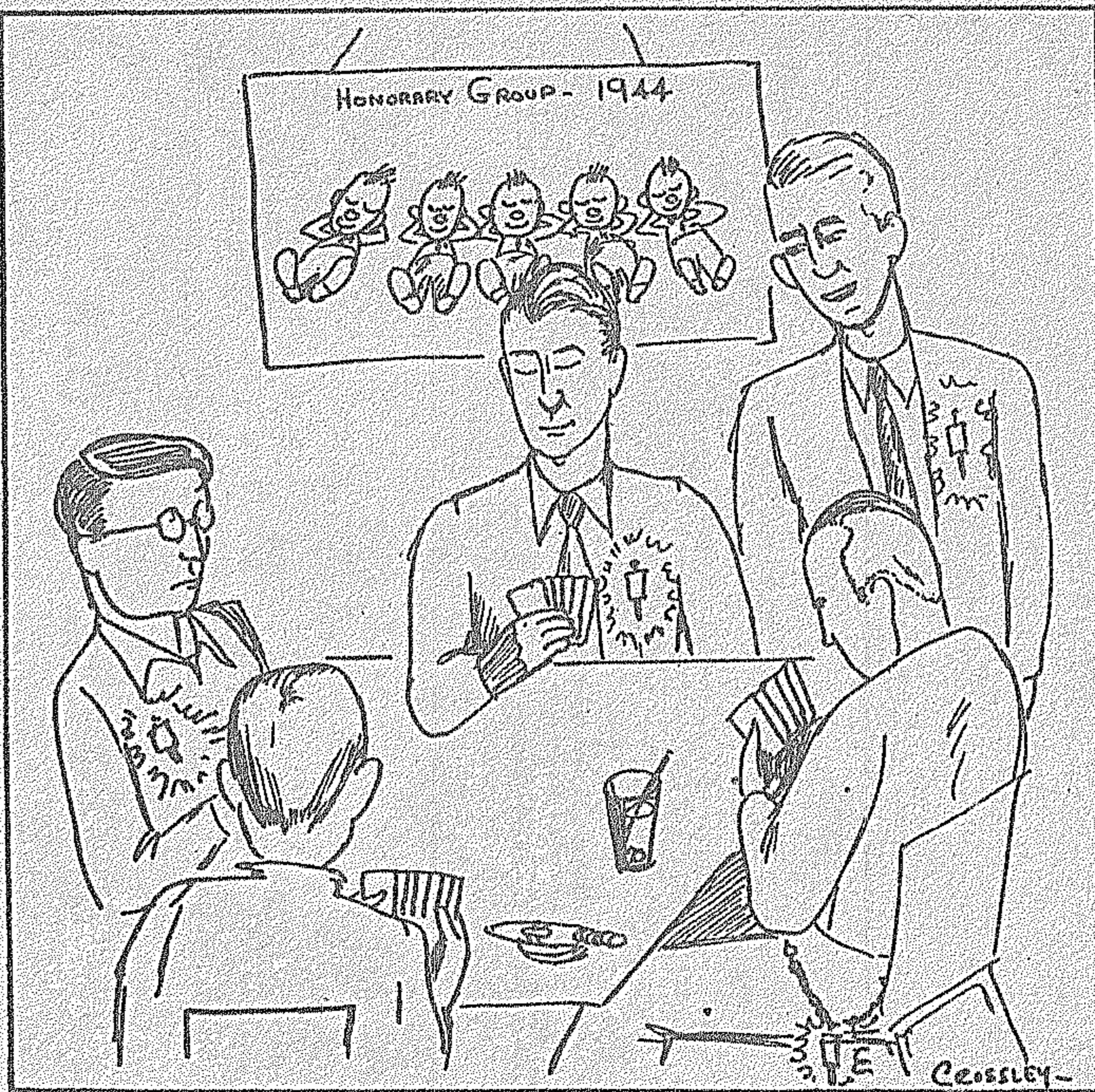
3. Act as a mediator between the students and faculty in their respective fields.

4. Serve as a check on the faculty, supplying constructive criticism whenever possible.

5. Supply tutoring services to the members of their departments. There are a great many could use such a service to advantage and be willing to pay for it if necessary. There are many possible functions which honoraries could perform. As yet, most of have not even attempted to scratch the

Let us have the honoraries mean more than wearing a string of frat-keys.

Too Busy for Work?



Man Of The Week—

A/S Dick Michalek Is Active In ITSA, Sports and Integral

A record of almost four years of activity in Illinois Tech student affairs has earned A/S Dick Michalek the position of this week's Man of the Week.

Since "Mike" began his career at Illinois Tech numerous activities have claimed his attention.

At the present time he is senior vice-president of the ITSA, president of his social fraternity, Delta Tau Delta, fraternity editor of the Integral and a member of the AIEE. In addition, Mike is a regular contributor to Technology News.

When an underclassman much of his time was spent in class affairs. However, in his junior year, he decided to become active in student government as he felt that more could be accomplished. It was for this reason that he sought and won the position of junior representative to the ITSA.

Sports too have received Michalek's attention. As a member of the boxing team, "Man Mountain" Michalek earned a minor letter. Various intramural teams have also had his support in the past few terms. Also,

when the opportunity presents itself, "Mike" takes time out for a little golf or tennis.

Next to sports his hobbies include reading and "enjoying life". A social butterfly with clipped wings, "Mike" has placed his fraternity pin in the hands of a certain Delores. Needless to say, his former field of operations is much more restricted now, but "Mike" seems quite happy about the whole thing as he gayly struts about school and quarters wristling, "How I Love The Kisses of Delores."

Michalek came to IIT from Morton high school where he was also active. Sports, student government, dramatics, and the safety council were some of his activities.

As to the future, Michalek does not attempt to make any definite plans beyond finishing school in November and attending midshipman's school. The rest, he says, depends upon the war and the Navy.

A/S RAMON OLSON

... Techman Talking

By John J. Schommer, Director of Physical Education

"Why did I come to IIT?"

The best information on that subject is—by accident.

I graduated from grammar school in 1899, worked four years to save money for my high school education and entered high school in the autumn of 1903, six weeks behind my classes. I graduated in June, 1905. The work experience in industry was with an electrical industry, so I decided to become an electrical engineer. However, I "switched horses in the middle of the stream" and entered the civil engineering dept. of the University of Illinois about Sept. 4, 1905. I stayed several weeks, became ill and returned to my home in Chicago.

After my recovery it appeared a hopeless task to go back to Illinois in the third week of October, so I entered the University of Chicago to prevent the loss of too much time. The University started its classes about the first week in October, so by accident of sickness I was graduated from the University of Chicago in 1909 with nearly one year and a half of extra credits. Then I spent a year and a half doing graduate work, completing about two thirds of my work for the doctor's degree.

By accident or chance, I met Dean Howard Raymond of Armour Tech in 1908 in the buffet car on the train while I was returning from the east where I had been on an athletic trip. He told me much of Armour and of engineering that again lighted the flame of my ambition for an engineering education.

About 1910, I got into an argument about drinking alcohol. My studies of chemistry and bacteriology was leading me into the fermentation and food industries. I became convinced that alcoholic beverages would be banned for drinking purposes. So whether to become a lawyer, doctor, bacteriologist, geologist, chemist or an engineer was whirling about in my thoughts. Again I met Dean Howard Raymond in the University Club by chance. Shortly after our chance meeting I entered Armour Tech in February 1911 and was graduated in June 1912 with B.S. degree in Ch. E.

... a job with Swift & Co. through the efforts of Harold Swift who (See TECHMAN TALKING on Page 5)



The rumblings from last week's "pay dirt" haven't died down yet, but another week has passed and also a night's toil and sweat by your loyal servants. We ground the valves and sharpened the grab bucket. We lived in "dirt" for hours on end. From this grime emerges this week's diggings.

Full steam ahead and here's this week's first item—a real delectable tidbit; concerns A/S Tommy Paulson, fabulous fancier of the fairer sex. Reports have it that Tom is now operating on a certain female in his mechanisms class. While professional etiquette won't allow us to divulge the damsel's name, we can say that her initials are S.S. That, coupled with the additional clue that she's in the M.E. department should be enough information. Looks like he's really made an impression for this girl was seen this week snapping the salient Tommy's picture. What's going on Tom? Have you made a conquest? You lucky boy!!!

Last week we reported on the doings of one A/S Phil Jansen and a pretty secretary, Marion Lindstrand by name. This morning's mail, however, brought some disconcerting news. An irate reader of our guff wants to know what Marion was doing with a certain seaman on the fifth floor of Main after Dance Club last week? The male in question answers to the name of A/S Richard Peterson. What's the matter, Phil, losing your touch? From the reports we received the couple was enjoying each other's company immensely until rudely interrupted by a passerby.

A little humorous tale now, dear reader, to remove that gleam that's shining in your eyes. Seems Df. H. J. McDonald, chem lab instructor, was in a devilish mood one day last week, so he wrote on the storeroom stock sheet, "Two apples," and charged them to one A. Hitler. Imagine everyone's chagrin when at the end of the period, storekeeper Paul Milligan persisted to page A. Hitler to return his equipment!! Well, Paul, have you gotten the missing apparatus yet? Har, har, har.

Still in a humorous vein, comes now a story of the recent devilry of A/S Norm (Flash—for his fast work) Hankins. The recipient of his dealings was A/S Ivan ("Goober") Goldberg, his quarter's mate. Wishing to rid himself of Helen, one of his old flames, Hank called the "lady killer" to the phone when she called. Then, while Ivan tried to exculpate himself from his predicament, Norm sat by and roared in delight. The last communique said Goldberg got out of the situation by having to keep one date. Tough, boy, tough.

Quarters #7 seems to have some pretty active boys, for the next item is about another inhabitant of that domicile. Harold "Pete" Pederson has transferred his "operating" grounds. Pete has been in the habit of haunting the lake front for his diversion, but he now howls at the corner of State and Randolph come liberty time. Results: a Saturday night date and an evening of rowboating last Wednesday. What we wonder is, who did the rowing?

Bout time we awarded this week's golden green banana. A/S Hy Weiner wins that honor as a result of what happened on a recent roller skating date. Boastful Hy joshingly bet his girl a nickel he could pick up a frail in five minutes. He did—but so did she!!! That we think is really getting the green one, eh?

Looks like the little piece we printed about A/S Tom Gavin and his new French friend was really "on the ball." In the past six days he has received eight letters from her while she's been on her vacation. A new note has also been added according to our informant. On the envelopes of the letters is neatly written, "Darling, je vous aime beaucoup?" Looks like Tom will be enrolling in a French class soon to keep up with the gal. Isn't love grand? Slush, gush—nuts!!!

If the daily papers are correct about the stories concerning the discontinuance of overnight liberties for the navy men, Pete Parlos of Quarters #3 will really be up the well known tributary without even a semblance of a means of locomotion. Pete is trying hard to be crowned the new "Grant Park Gladiator."

Did you notice the high pressure methods Ray Kartusuk used during the Integral Queen elections? According to Ray, #4 was the only girl in the contest. All we have to say is, "If she didn't win, will your face be red!"

As a closing shot we wish to expose the dastardly deed of one A/S Bill Stewart. Last week we publicly announced the activities of A/S Phil Thompson and Jerry Meade of the Lewis campus. Now we find that Stewart beat Phil to the punch by asking Jerry to the Integral dance. That smells to the high heavens. By the way, Bill, what about that little girl back in Idaho?

That's a truck-load for today so we'll close. Before putting the Shovel to rest for another week, however, we want to thank all you nice people for your timely tips about your friends. How they must hate you. Well, keep happy!

—MONK

August 28, 1944

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: Dear Old Physics Lab

A few weeks ago there appeared in the As I See It column of Tech News, a story about teachers of this school.

May we, the undersigned, thank Herman Nelson for writing those facts published and ask especially that Mr. F. R. of the Physics Lab classes read it and take a few hints.

Collegiate World

Alabama Polytechnic Institute is really going all out in the war effort. According to their college paper, "The Plainsman," there will be no real flowers at any fraternity dance except those presented to the girl leading the dance.

President Henry T. Heald take note. At Stevens College in Columbia, Missouri, a custom known as "Stop Day" prevails. On this day, early in the morning, the president of the College calls up the various dormitories and departments to inform them that there will be no classes that day!

From "The Plainsman," college paper of the Alabama Polytechnic Institute, one learns that a former student of API who had never worn shoes until he was 21 years old, completed a 200 mile patrol in New Britain. He claimed he could do anything with his bare feet that a normal person could do with his shoes. When he got back to camp, he kicked a football 75 yards on the fly to prove it.

The Carnegie Tartan, newspaper of the Carnegie Institute of Technology, conducted a pool to determine the typical co-ed's idea of the ideal. The answer: he must be tall, dark, good looking, wealthy, able to hold liquor, have cave man instincts, and be "sexy."

The "eager beavers" at Rensselaer Polytechnic Institute's V-5 unit are really going strong. One of the strangest "beavers" is the fellow who jumped out of bed for morning calisthenics so vigorously that he sprained his ankle.

—A/S ALAN KUKRAL

IIT Inquiring reporter

QUESTION

What makes Chicago interesting to you?

WALTER GRENGG, Junior Chemical: Life in a large city is never dull, especially in Chicago. In addition to the usual interesting attributes of big towns, a plentiful supply of women, Chicago has a combination of things of lesser interest which makes it unique among the cities



I've visited. These items of comparatively minor importance are the cultural centers: the Art Institute, Field Museum, the several universities, theaters, concert halls, magnificent libraries...night clubs, dances and shows, and the ample opportunity for sports.

EDWARD SCHASCHL, Junior Chemical: The vast amount of things to be seen around the city make Chicago interesting to me. The historical sites and articles furnished by a city growing to the size of Chicago are in themselves enough to keep one going a long time. Then, coming out of the past, the modern facilities and advancements of a large industrial city continue indefinitely in adding interest.



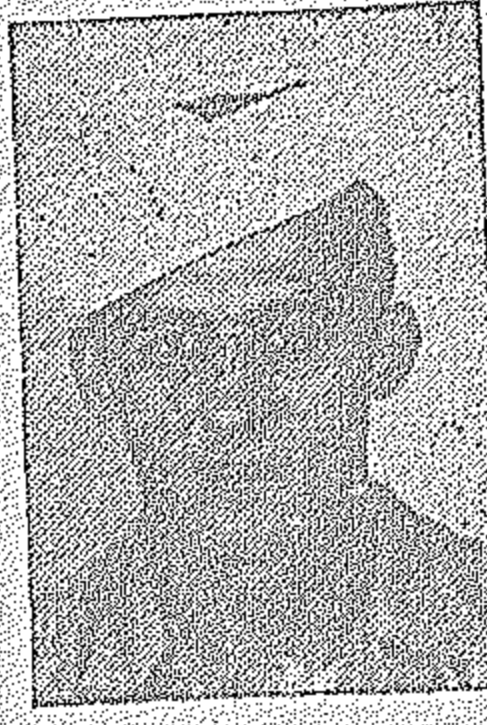
KAZ HORITA, Junior Chemical: I lived in a small town in Washington all my life till I came to IIT so you can imagine how thrilled I was when I first set foot in Chicago. The dream of seeing major league baseball games, big name bands, stage plays, museums, and the bright lights of Chicago has become a reality now. I believe one could never run out of interesting things in Chicago when I hear of the many things I've been missing.



A/S DON E. HELBING, Sophomore Chemical: Many things in Chicago appeal to me. Among them are home and the service centers. The outdoor service center at Fullerton and the lake can't be beat. It doesn't matter much what a fellow wants to do; Chicago gives him the opportunity. One of the latter angles is free sailing for servicemen in the 13th Street lagoon.



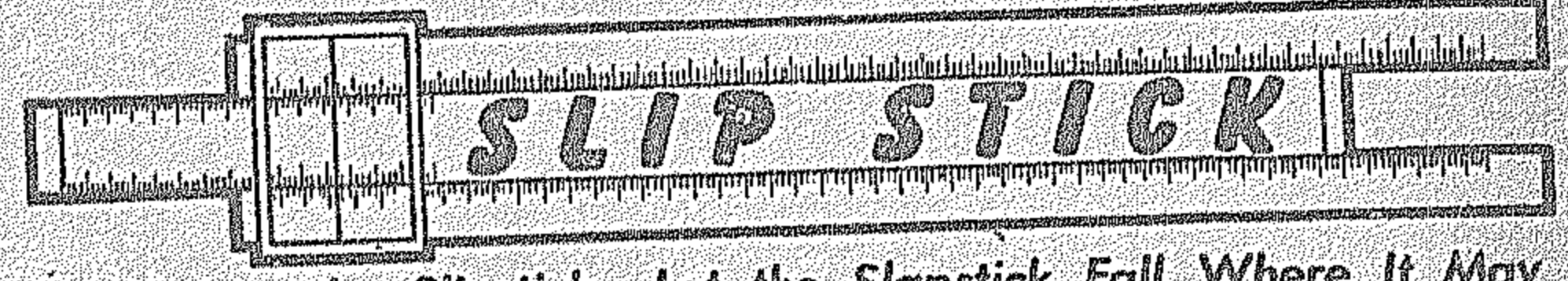
A/S JOHN LIGHT, Junior Electrical: Money, girls and liberty. These things I find make Chicago one of the most interesting cities in the country. The localities I prefer are North End around 63rd Street, 33rd and Wells, and the CMCS. Our local neighbors also keep us amused by running cars into each other, burning down their abodes, and keeping in a perpetual state of intoxication.



—LEONARD BROWN

Names Notes

Lt. W. A. HAMILTON, commanding officer of the V-12 unit of IIT, was a high school principal in Florida before embarking on his career in the navy... ROBERT MISCH has mastered the Russian language to a degree which makes him capable of reading proofs of a new Russian text book... FERDINAND BANKS, freshman civil, can be classed among the child prodigies. He graduated high school at the age of 15... SHIRLEY EVEN-STEIN had a scholarship for both piano and ballet at the age of six... Every one of the original Cicco Wizards, a freshman intramural championship team in several sports, are now in the armed services... Before his entrance into the navy A/S GEORGE MARTINKO was a "ham" radio station operator... JOHN GILL, freshman, has a phonograph record collection of more than 1500 records.



Cleave to the Slipstick—Let the Slapstick Fall Where It May

After a delightfully soothing and joyous dance last Saturday night, let's get back to a gay Slipstick that will renew the gayety.

There was the story of the drunk who came home to his wife in a very sad state every night which was very interesting (not

necessarily this writer's viewpoint). It seems that every night that he came home in this condition he was very heavily beat up; that is, it stormed pots and pans. Having some psychology in mind, the wife decided that this time she would attempt to be sweet and gentle as the beatings did no good. This special night he came home in such a state that it was worse than ever. The wife following her new inclination sat him down in the easy chair and brought him his slippers and his pipe to add to his ease. After sitting on his lap a while she suggested that he go to bed so that it would be easier for him in the morning. To this he said, "Yeah, I may just as well, as I will get beat up by my wife when I get home tonight."

—IIT—

Heard on a golf course:

There I go again into the garboon!

—IIT—

I asked her if she wasn't doing anything that evening, and she said she wasn't, so I took her out, and sure enough—she wasn't!

—IIT—

Maltida: I heard you were out golfing with Sam. How does he use the woods?

Almeda: I wouldn't know; we played golf all the time.

—IIT—

Sgt.: I'm not feeling myself tonight.

Sue: You're telling me.

—IIT—

Golf conversation:

Honey, you're a cruel creature, beating a poor little ball like that with that heavy stick all over, into the woods and water. What a game. What a game.

—IIT—

Writer's note:

The real reason that Veronica Lake changed her hair style (and this is from the best of sources) is that she was out with a sailor one night and decided that she needed both eyes.

—IIT—

Pretty girl wanting to tee off on the first hole of a golf course: "Would you like to play around with me, sir?"

—IIT—

I hope you have not minded all the jokes about golfers, but being at the Tam O'Shanter tournament, one obtains a new viewpoint on things. Funny people, these golfers. Now off to hit those exams.

—LARRY VY... CERNAUSKUS

V-12 VETS

A/S WHITNEY L. PEARSON
A/S Whitney L. Pearson of Quarters #4 shipped aboard on May 16, 1942. He took "boot" at Great Lakes, Ill. upon completion of which he was assigned Hospital Apprentice.

Pearson then proceeded to an interesting vocation denied men in the navy, namely male nurse. Because of this Pearson was denied his "boot" leave, which was somewhat of a disappointment.

After working in the hospital for several months, Pearson was transferred to the main medical lab at the Lakes. On November 1, 1943, he shipped out to the coast where he stopped over at the receiving station on Treasure Island.

After a few brief days in sunny California he shipped to Pearl Harbor on December 7, 1942, exactly one year after the Jap attack.

He was assigned to lab work in the main hospital at Pearl Harbor and was later transferred to a new dispensary where he was placed in charge of a small lab. It was at Pearl Harbor that he was first made a rated man, receiving his Pharmacist Mate 3/c and then later his PM 2/c.

Liberty was one out of every four days. When Whit says days, he means when the sun was shining because Pearl Harbor was governed by martial law and there was a 10 o'clock curfew on the town. All military and naval personnel had to have a special pass to be out after 6:30 p.m.

Whit entered several A.A.U. swimming meets where he copped numerous ribbons. He also entered several all-servicemen meets where his relay team won second place and he won the 50 meter backstroke.

In December, 1943, Whit put in an application for V-12. He would have been up for 1/c Pharmacist Mate in March but he realized the opportunity in V-12 and decided that it was more important.

His orders returning him to the States sent Whit scurrying across the Pacific on January 29th. Upon his arrival in San Francisco he received delayed orders which he received 16 days, his first in the so he proceeded to get rid of \$

Whit reported to IIT on February 28, 1943. He is now a junior chemical. Whitney says that the opportunities offered in V-12 are unlimited and considers himself very fortunate to be able to take advantage of them.

—A/S CHARLES SMITH

dis & data

Having recorded battle sounds at Normandy, Bougainville, Saipan and other world battlefronts, the Armour Research Foundation's wire recorder this week is finding a unique new use on the home front — recording farm radio programs.

The wire recorder is being used by the U. S. Department of Agriculture in a two-week series of farm program recordings for spot broadcasting over local stations — and for subsequent rebroadcasting on the Blue Network's Farm and Home Hour.

A "natural" for such broadcasting, the wire recorder can be taken directly to farms and farm experimental stations for on-the-spot recordings. In this way, farm experts, farmers and their wives, 4-H club members and others can broadcast their latest farm news, developments and experiments without traveling to broadcasting studios.

So, having already traveled to most of the world's major battlefronts, the wire recorder is now exploring the home front. The farm recordings are being made in Cincinnati, Minneapolis, New York City, Lafayette, Ind., and Lincoln, Neb.

—dis & data—

Did you know...

That it was a former English instructor at IIT, Cpl. Allen Walker Read, who this year contracted Winston Churchill's advocacy of Basic English—and was reported by Time Magazine to have "defended the King's English against the King's Prime Minister"?

And that Cpl. Read's first task upon leaving IIT to enter the army was compiling a military dictionary under the sponsorship of the U. S. Military Intelligence Service?

—dis & data—

Literally a parade of talent can be found in Illinois Tech's group of 110 women signal corps trainees. Although now studying to be inspection supervisors at signal corps depots, these women represent every field from music to dietetics and from drama to homemaking. For instance:

Princess King is a former character actress, having been on the stage since she was six years old. Myrtle Bernstein is a former music teacher, and Virginia Dickinson, an erstwhile interior decorator. Estelle Szymczak was a stenographer, Betty Kolerus a child care worker, Cecilia Hanratty a

Illinois Tech Defeats Gardner General Hospital by a Close 4-3

Illinois Tech's baseball team added another victory to their string when they nosed out Gardner General Hospital 4 to 3 last Thursday afternoon.

This was a return game with the Army Air Force personnel team which had previously been beaten by the Techawks 5-0.

A/S Gene Evers, former George Williams man, was the starting hurler giving way to A/S Bob Stewart in the fifth. Together the pitchers allowed a total of 4 hits while Tech gathered 5 to win.

The scoring started in the second inning when Tom Zweisler singled for Gardner. He was later forced across the plate by 3 successive walks given by Evers. Illinois Tech came right back in their half of the third when Augie Clemens was safe on an error. Augie moved to second on Mel Stidham's single placing men on first and second with 2 out. Evers, the next man up, hit a pop fly to the second baseman which he dropped thus allowing Stidham and Clemens who were off with the pitch to score.

Gardner went back into the lead in the fourth inning scoring 2 runs on an error and three successive singles. The score going into the fifth Gardner 3-Tech 2.

In the fifth inning Evers singled but was forced at second on Hiramoto's fielder's choice. In an attempt to complete the double play the ball was fumbled and Hiramoto went to second. He then advanced to third when an attempt to pick him off second miscued. Julian Fanselow, Tech second baseman, scored Hiramoto with the tying run on a long fly to left.

Tech tied the game into the bag in the seventh which was opened by Bob Lichtman arriving at first on the shortstop's error. Stidham the next man up was struck by a pitched ball putting men on first and second. Hiramoto who already had scored the tying run then planted a single in center field to drive in the winning run.

The victory over Gardner General Hospital boosted Illinois Tech's record to five victories in seven starts. Steward hurled the last victory for IIT.

ILLINOIS TECH				
	AB	R	H	
Hiramoto	RF	3	1	1
Fanselow	2B	4	0	1
Schimmelpfenig	LF	3	0	0
Furst	CF	3	0	0
Clemens	SS	3	1	0
Holstrom	3B	3	0	0
Lichtman	1B	3	1	1
Stidham	C	2	1	1
Evers	P	2	0	1
Steward	P	1	0	0
		27	4	5

GARDNER GENERAL HOSPITAL				
	AB	R	H	
Kennedy	LF	3	0	0
McNertney	CF	3	0	0
Barlog	2B	4	0	0
Zwiesler	C	3	1	1
Calderone	RF	2	0	0
Prioletti	SS	2	1	0
Dailey	3B	2	1	1
Jones	1B	2	0	1
Kroska	P	2	0	1
		23	3	4

INTRAMURAL SOFTBALL SCHEDULE	
Monday	
4:30-5:30	Junior Mechs vs. Soph-Isticates
Tuesday	
4:30-5:30	Junior Mechs vs. Junior Chems
Wednesday	
11:00-12:00	For Mechs vs. Frosh Rats
4:30-5:30	Senior Chems vs. Frosh Flashes
4:30-5:30	Lewisites vs. Frosh Socks
Friday	
11:00-12:00	Frosh Socks vs. Soph-Isticates
4:30-5:30	Senior Chems vs. Lewisites

Stenger Known By All Students

Known by the entire student body as "Coach," Grant Stenger, physical education instructor, personally meets over ninety per cent of the students before they graduate.

Unknown to most of the student body is the fact that Grant was born and raised in Naperville, Illinois. While a student at the high school there he won letters in baseball, football, basketball and track. In his senior year he had the distinction of being placed on the all-state football team.

After graduation he enrolled in North Central College but the war intervened and before his sophomore year was finished Grant was in the medical corps in Houston, Texas.

Upon graduation from North Central with a major in physical education, Grant soon established himself as a capable coach. His first job as such resulted in his team winning the Eastern Indiana football championship.

After this successful entry into the field of coaching, Grant was selected as athletic head at Ottawa, Illinois. Continuing his success at this new school Grant's football team came through with the Central Illinois championship in 1925 and the basketball team won the La Salle sectional tournament that same year.

In 1926 he became head athletic coach at Wheaton High School. Here Grant's wealth of experience in playing and coaching paid off with big dividends. His football team was well drilled in the basic fundamentals of the game and over a three and one half year period they were undefeated. Highlight of this undefeated period was the year in which the team scored a total of 304 points to a zero total for their opponents.

During this period Grant developed three athletes who later became college All-Americans. They were "Ole" Olson of Northwestern, Paul Poppelreiter of Washington University, and Don Wheaton of De Pauw University.

After a ten year period at Wheaton, Grant accepted the position as basketball and baseball coach here at Armour-Tech. When his duties as gym instructor and coach became a little too heavy, the administration made him the head man of the reservists and freshman physical training program. With the coming of the navy, added coaching duties were placed on his shoulders.

Honor I Pledgings Commence Today

For the first time since its inauguration the Honor I, honorary athletic fraternity, pledging will be without the colorful costumes of its incoming new members, stated President Norm Schmitz.

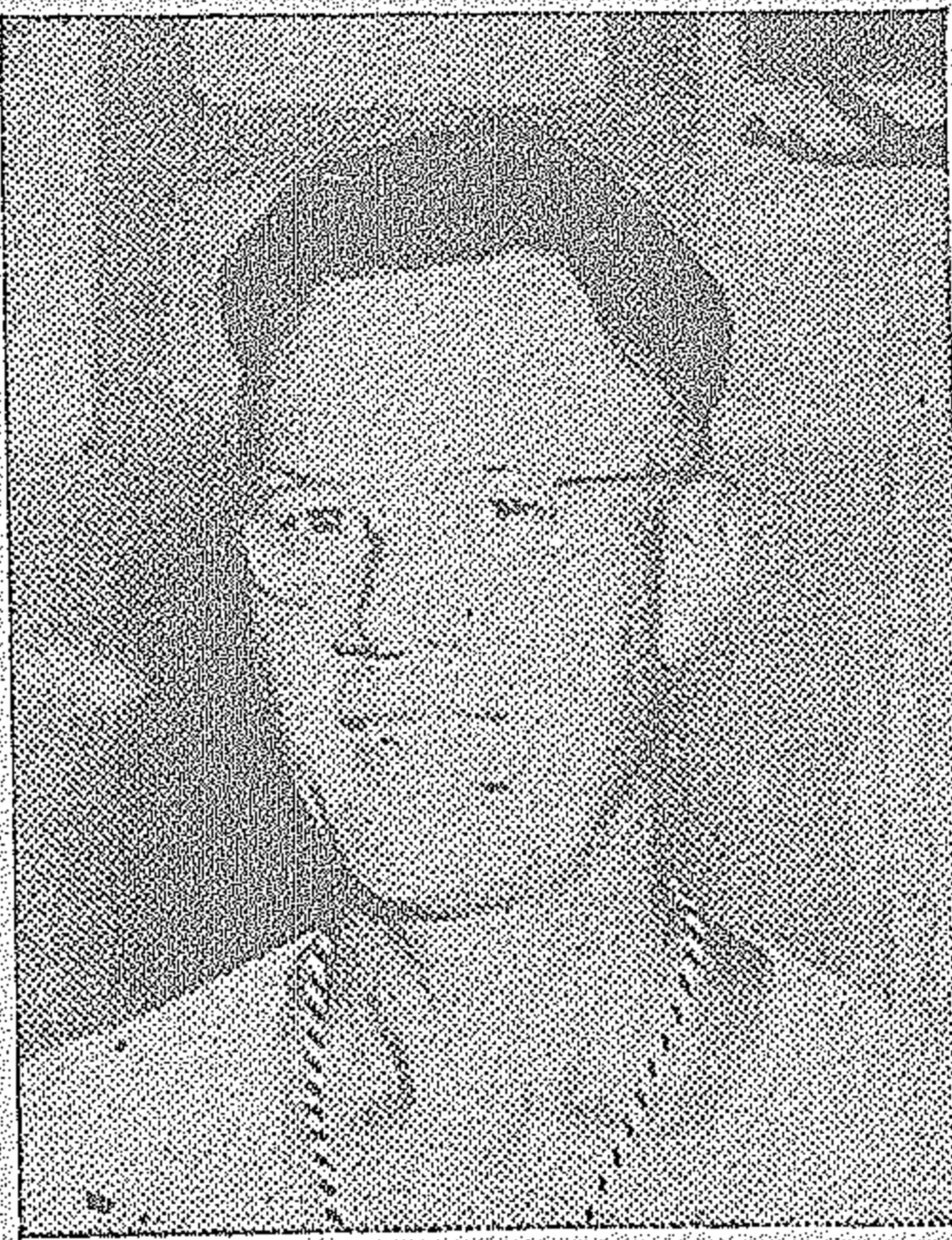
The majority of pledges being navy men and therefore unable to wear anything but the regulation uniform motivated this change.

Nevertheless all pledges will meet at the stroke of noon every day in the lobby of the Student Union. Previous to this on the same day they are to have signed the pledge book in the possession of A/S Warren Furst.

Unlike other years the pledge party, the big event of the initiation, will culminate the pledge period instead of starting it off with a bang.

This will take place Wednesday evening, September 6 with the appropriate setting for such an affair. The new pledges are Don Alberts, A/S Norm Hankins, A/S Bob Stewart, A/S William Burns, A/S Roy Churan, and Schimmelpfenig.

Athlete and Coach



GRANT STENGER—Coach instructor, and athlete, Grant Stenger, (shown above) of IIT's physical education department keeps both civilians and navy in top condition.

Varsity Golfers to Meet Faculty Team

The much waited for golf match between the faculty and varsity golf teams has been arranged for next Sunday at 10 a.m., on the Cog Hill golf course. This was announced today by Leonard Baness, golf team manager.

The match will be a six man event. The results will be on a regular match play scoring. (1 pt. for the 1st nine, 1 pt. for the second nine, and 1 pt. for the 18 holes.) In addition to this, total strokes will be counted so as to necessitate holing out all putts.

Samuel Bibb, captain of the faculty team and coach of the varsities golf team, expects the faculty team to top the varsity team. The faculty team big guns are E. F. Wagner and R. H. Simonds. The varsity team's big guns are Capt. Leonard Baness and A/S Fred Fitchey (former Notre Dame golf team #2 man.) The team's captain, L. Baness, expresses little or no fear of the faculty team.

The match schedule is as follows:

Faculty	Varsity
E. F. Wagner vs. A/S F. Fitchey	
P. C. Huntly vs. A/S K. Milbradt	
R. H. Simonds vs. L. Baness, C. C. O. Harris vs. W. Atchison	
S. F. Bibb, C. vs. A/S R. Negele	
R. T. Griffith vs. W. Larson	

TECH SHORTS by TOM KILGARIFF

Riding on the crest of grandeur in winning the navy softball tourney, the arrogant Quarters #6 athletes have issued a challenge to the men of Quarters #7 to play a basketball game to decide the supremacy between the two house teams. Upon receiving this challenge Quarters #7 readily accepted. Thereupon Ensign Glancy graciously consented to referee the game and see to it fair play resulted.

Being a member of the house challenged I am obviously prejudiced in my depicting the outcome of this game. As such I see Quarters #6 team being overrun by Quarters #7. If this is done it might ease up on their show of bravado these days.

Unlike previous Honor I pledgings the one begun today will have none of the fanfare, ridiculous outfits, and paddle-carrying which previously typified new members entering this honorary athletic fraternity. A somewhat new style of initiation will be attempted to be set up whereby the essence of the old initiation is retained.

The only eye-witness to these former rugged initiations left are Bernard "Sonny" Weissman, Coach Ed Wagner, and A/S Whitney Pearson. Of these men Sonny has the oldest and closest acquaintanceships, being associated with it since his arrival at IIT over ten years ago. Lacking the requirements to become an ordinary member, he was made an honorary member along with John Schommer, athletic director.

Coach Ed Wagner of the basketball team, who is soon to achieve the title of Doctor in Chemical Engineering, is the only alumni member of Honor I on the campus. He first became known to Honor I when admitted as a seven letter man in 1935. Completing the trio is A/S Whitney Pearson who was initiated into Honor I some three years ago. The interim was spent in the Navy at Hawaii.

With these capable men guiding the activities of the organization a successful pledging period is assured. As yet the only things required of the pledges is that they wear the maroon and silver pledge ribbons, sign the pledge book every day, and be ON TIME for the daily meeting. Any infractions of these regulations will be dealt with accordingly.

At last the champions of the navy softball tournament have been decided. Despite all the controversy over a certain game, team 6A was the outstanding team of the tourney. Led by their capable pitcher, Tom Gavin, this team fought their way to first place, retained the lead, and eventually wound up on top with the championship team. Their steady batting and fielding abilities proved too much for any of the remaining teams.

6A Cinches Navy Softball As Disputed Game Is Played Over

Team 6A has cinched the intramural softball title by defeating 2A in a 14-2 massacre of a play off game. The game was decisive because if 6A were beaten 7B might possibly have won the tournament.

Rifle Team to Meet Stevens

The IIT rifle team will have their first match with Steven's Institute during the first week in September. This will be a postal match, that is each team will shoot on their own range and mail the targets in to be scored. Five men from each team will compete.

On Sept. 11, the team will compete with the University of Chicago at the U. of C. This match will be shoulder-to-shoulder, that is both teams will fire simultaneously. Each team will fire on six targets, the best five will be considered. Five targets will be donated from the four positions for firing; prone, standing, sitting and off-hand.

Three men are certain of competing; they are, Lenny Brown, Jack Schmidt, and Jim Ranson. The rest of the team is undecided as yet; among the men still vying for the honors are, F. Crossley, R. Wilt, R. Confer, G. Katz, and D. Arenson.

The rifle club and team are both under the sponsorship of Dr. John F. Mangold. The team has more than 1300 rounds of ammunition, while the club gets ammunition grants from the National Rifle Assoc. The team distributes free ammunition to its members while the club sells it to their men.

Tennis and Horseshoe Entries Close Tuesday

Tennis and shorseshoes will start on or about Wednesday of this week. Henry Koci, intramural manager, asks that all those who entered resign so that the schedule can be drawn up.

Final date for late entries is Tuesday at noon. All matches will be posted on the bulletin board. Games will be scheduled for after five; however, if the two participants can play at another time, this will be permitted.

The background for this game was set, in part, last Tuesday night when 6A was shut out by the same 2A to the tune of 3 to 0. On the same evening 7B, close competitor for first place, eked out an 8 to 7 victory over 5B allowing them to tie with 6A for league — leading honors.

Next morning 6A protested the game with 2A on the grounds that 2A had used two "ringers" in the game. The decision was left with Ens. Edward Glancy, athletic officer, at IIT. Ensign Glancy decided that the game should be re-played on Friday evening.

Preceding the playoff of the protested game, 1A beat 7B on Thursday evening to the tune of 10-6. This pushed 7B from their tie with 6A for first place. With only two games left 6A needed only one win to make victory certain.

On Friday evening over half the unit turned out to witness the important game. Tom Gavin, 6A, and Dick Meissner, 2A, were chosen to hurl for their respective teams.

6A were the first boys at the plate. Bob Petrillo, lead-off man, opened the game with a driving double, and the boy's from 3154 soon hammered out six runs. In the 2A half of the inning the boys moved on the bases, also, scoring two runs. These two runs were the only ones that 2A were to see come across home.

From that inning on 6A went scoreless in just the second and fifth innings, sending three runs across in the third, three in the fourth, one in the sixth, and one in the last inning. The total of the game was 6A-14 and 2A-2.

Highlights in the game occurred when Ray Bojanowski, of 6A, smacked a homer with men on second and third in the fourth inning, and Jack Hammock of 2A hit a thrown ball with his arm in an attempt to keep from being caught off base.

The remainder of the tournament will be played off this week and the final standing will be published next week.

Senior Chems Still Remain in IM Lead

Rain and an all school assembly cancelled all but three games on last week's intramural schedule. The Soph-Isticates won their game over the Junior Chems 8-1.

The Soph-Isticates continue to pace the Senior Chems, which is the only team as yet undefeated.

The Junior Mechs beat the Freshman Rats 7-6 in a very close game in which the Rats led all the way until the last inning when the Juniors went ahead to win.

The final game of the week between the Senior Mechs and the Lewisites resulted in another win for the Seniors to the tune of 9-5.

Despite a team spirit unusual a Lewis team, the Mechs overcan them in the last inning.

At one point of the game the score was 8 to 1 in favor of the Lewisites. Five walks on the part of the pitcher in the sixth inning resulted in the Lewisites' downfall.

The Senior Chems scored two of its three victories last week over the Senior Mechs and Junior Chems. The scores were 7 to 6 and 17-10 respectively.

The standings of the teams are as follows:

Team	Win	Lose
Senior Chems	3	0
Senior Mechs	4	1
Soph-Isticates	3	1
Frosh Rats	2	2
Junior Mechs	1	1
Frosh Flashes	1	2
Junior Chems	1	3
Lewisites	0	2
Frosh Socks	0	2

August 28, 1944

Orton to Head News Bureau

Vernon L. Orton has been appointed to the directorship of the IIT News Bureau, replacing Paul O. Ridings, who is resigning to take another position.

Orton is a graduate of the University of Minnesota, majoring in journalism. He took four years of graduate study at the university, and taught there for four additional years. While at Minnesota he was publicity director of Pioneer Hall, a dormitory project there. He is a member of Sigma Delta Chi, national journalism fraternity.

For the past five years Orton has been the editor of a series of press publications in Elmhurst. This work comprises six newspapers and a shopping news which are distributed in several towns in northern Illinois.

He is the former editor of a newspaper in Taylor County, Wisconsin. Orton is married and has two children.

Triangle Overwhelms Delta Tau Delta 18-1

Triangle walloped Delta Tau Delta to the tune of 18-1. Clare Puchalski led the hitting by batting out 3 out of 4. "Delt's men were mostly inexperienced which partially accounts for the high score," says Henry Koci.

Alpha Sigma Phi fraternity nosed out the "Sammies" in a close 7-4 contest last week. The "Sammies" led in the game until near the end when the Alpha Sigs finally turned on the pressure and took the game.

This week Sigma Alpha Mu will play Triangle, and Alpha Sigma Phi will play the Pi Kaps. Delta Tau Delta will supply the referees. Pi Kaps and "Sammies" will furnish the balls for these games. In order to get balls team representatives are supposed to contact Koci.

Koci desires to know what other inter-fraternity sport the fraternities would like to participate in, such as tennis, golf, etc. Any suggestions should be forwarded to Koci.

Lt. Thomas A. Ernst, '45 Killed in European Area

Lt. Thomas A. Ernst, former student of Illinois Tech, has been killed in action in the European war area. His parents, Mr. and Mrs. Hilmer Ernst Sr., former Chicago residents now living in Georgia, were notified of the death by the war department on August 18.

Ernst, 20, served in the army air corps. He was born in Chicago and was graduated from the Harris school. He enlisted while attending IIT in February, 1943.

Ernst's brother, Hilmer Ernst Jr., 19, is with the navy medical division and has served in Normandy.

Dorothy Jacob Marries Ensign Ray E. Tubergen

Dorothy Jacob, secretary of the registrar's office was married to Ensign Ray Tubergen last Saturday at Calvary Church. Both the bride and the groom were active on *Technology News*, Ray as a member of the staff and Dorothy as a typist.

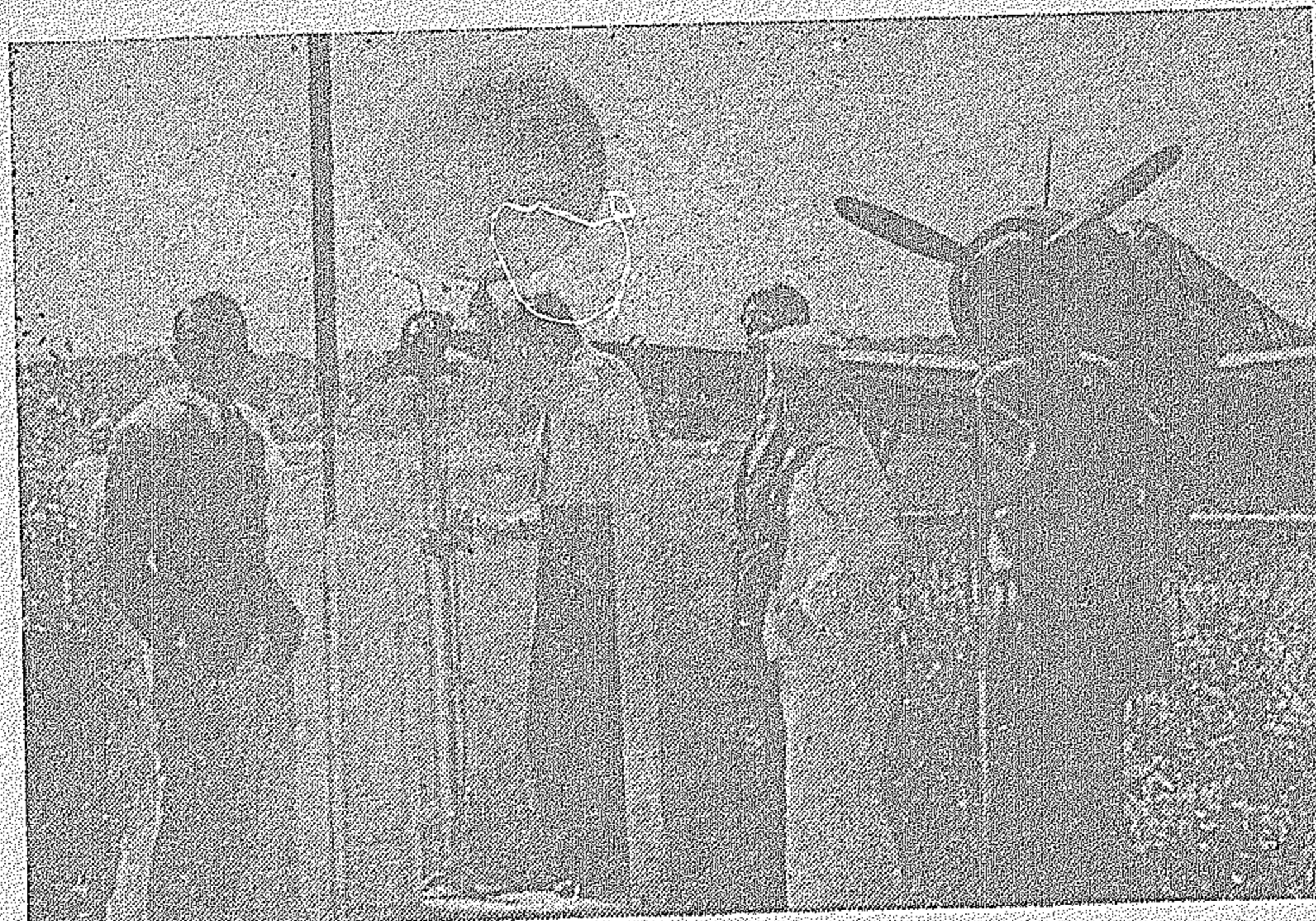
Tubergen graduated from Illinois Tech last February and recently received his commission at the Annapolis Midshipman's School. The couple will spend about three weeks on their honeymoon at Minneapolis, Minn. and then they will go to Miami, Fla. where Ray is to be stationed on submarine duty.

Prof. Andres Becomes Faculty Advisor of AIEE

Professor Paul Andres has accepted the sponsorship of the AIEE succeeding Professor Ernest Freeman who had been the chapter's faculty advisor.

M. B. Reed gave a talk on his professional experience in the electrical field at the last meeting.

Weathermen



METEOROLOGY CLASS—An Illinois Tech meteorology class is shown looking over the district weather station at Joliet during a class excursion taken last week.

New Gas Research Lab Will Open Soon

A new gasification research laboratory is being built on the campus, according to John I. Yellott, director of the Gas Institute.

The new laboratory, which will add 30 per cent to the space available for gas industry research, will be ready September 1.

The new building which is to be a one-story structure, will occupy 1800 square feet and accommodate 20 research workers.

For the duration, the Gas Institute is devoting its activities to research. Its educational program, leading to advanced degrees, will be resumed after the war.

Illinois Tech Vets Meet To Draw Up Constitution

The constitutional committee of the Illinois Tech Vets met last Wednesday to draw up a tentative draft of their constitution.

The committee is composed of the four officers of the club, William Killingbeck, Sidney Mayster, Jacob Kramer, and William Rivkin.

The functions of the club as drawn up from the constitution are to help incoming veterans, to maintain contact with former students now in the service, and to promote and participate in various affairs.

At the next meeting the constitution will be presented to the sponsor, Dean Tibbals and to the members for their approval.

TECHMAN TALKING

(Continued from Page 2)

was attending the University of Chicago when I was there. Before starting to work, I reported to Prof. Harry McCormack. Again by chance I met Dean Howard Raymond. He, with F. V. Smith, the controller, and Prof. Harry McCormack, persuaded me to go to work for Armour "Tech". Many promises were made to me but never fulfilled. Twice I was "fired" in heated arguments about physical education with President Dr. Frank Wakely Gunsaulus, but each time the "fire" was put out by Raymond and F. V. Smith with more promises.

To me the physical education department is as important as any other department in a college. It should be run in an adequate plant with proper sanitary conditions. It should be run for the entire student body and not for any one activity. Because of the cost of the proper staffing and proper facilities, many colleges resorted to practices that should never have been tolerated in an educational institution. Athletics or recreation for all has been slowly gaining headway and I hope the prevalent feeling now in the country that more emphasis should be placed there will continue to grow.

Henry T. Heald is in sympathy with these ideas, so I hope "the hopes of my youth will not fall thick in the blast," and sometime soon I may see a swimming pool, an excellent gymnasium, a field house and a real athletic field sprout and blossom on the campus of Illinois Institute of Technology. My hopes are also that this department will be properly endowed and staffed so every student in college, and the professors if they wish, may enjoy its facilities.

Fraternities

Rho Delta Rho Halts Fraternal Activities

The fraternity of Rho Delta Rho has become inactive on the Illinois Tech campus.

According to Sidney Cole, alumni chairman, the alumni held a meeting with the campus members early in the semester. The purpose of the meeting was to discuss the problem of inactivity. Since a majority of the boys had been inducted into the services it was decided to close the fraternity house located on the campus.

"If, however," says Cole, "enough men are present on the campus in the fall we will reopen. Otherwise we will remain inactive for the duration."

Sigma Alpha Mu to Have Alumni Dinner

Alumni of the Sigma Epsilon chapter of Sigma Alpha Mu, and the actives will hold a dinner together during the latter part of September. The dinner will be held at the Standard Club according to Burt Weiner, alumni recorder.

Automatic pencils have been sent to all alumni who have left for the services within the past two years.

The pencils were donated by the Mothers' club.

William Boyd Pledged To Delta Tau Delta

William Boyd was pledged into Delta Tau Delta last week. Boyd, who is from Evanston, is going to Illinois Tech on a scholarship.

A previous pledge, Lawrence Krahe, was initiated into the fraternity at the home of an alumnus.

The two new pledges, along with six men who were pledged earlier in the semester, are going to give a dance. No definite date has been set for the dance; but according to Art Strong, rushing chairman and treasurer, it will probably be later in the semester.

Pi Kappa Phi Pledge Dance to Be Given

A pledge dance and a picnic are future Pi Kappa Phi social events which were discussed at the meeting held Wednesday, according to A/S Doug Snyder, archon. The dates for these two affairs are still tentative.

A meeting of the active chapter will be held Wednesday at 5 p.m., stated Snyder.

Rollin H. Simonds Conducts Research Work In Capital Credit Banking Field

Mr. Rollin H. Simonds, instructor in industrial engineering, has been doing research work in the field of capital credit banking.

Simonds states that the answer to the question as to whether our present banking system provides adequate long term credit or not depends finally upon whether one wishes to challenge the social value of our time honored criteria for accepting or rejecting applications for loans.

It has been argued that one reason small business cannot compete on an equal basis, with large organizations is that the small concern is at a great disadvantage in securing long term credit. This situation encourages monopoly.

Furthermore, according to Simonds, many people believe governmental units should be provided with credit negligible rate of interest for such projects as hospitals.

Spokesmen for the American Bankers Association have declared their confidence in their ability to supply whatever credit may be needed in the post-war years and their intention to see that the needs of small business are not neglected.

Their criteria, Simonds stated, for determining who is to get credit, and thus control our productive resources are prospective profit and security. In other words, they loan where the principal is most secure and the return greatest, or some compromise of those two factors.

This has been a basic principle of the theory of the capitalistic, free enterprise. A new system of capital credit banks such as is advocated by Assistant Secretary of State Berle might be instituted primarily as an instrument for deficit financing.

The deeper and more fundamental question, however, in Simond's opinion, is whether we wish to develop banking organization that will make loans on the basis of the social desirability of the projects rather than upon the financial soundness of the propositions.

Simonds stated further that, in most periods other than crises of business cycles, the banks actually have plenty of lending capacity, but at times, as in some of the "thirties", cannot find borrowers with projects that look financially safe and profitable.

As soon as a sufficient number of students register, a class will be started.

Arnie "Superman" Niemi Exceeds Old PT Record

A/S Arnie "Superman" Niemi of quarters #7 has again established a new physical strength record at Illinois Tech. Niemi made a score of 92.2% out of a possible 100. He has broken his record every time he has taken a physical strength test. Niemi did 42 push ups, 210 sit ups, 31 pull ups, 127 squat jumps, and 48 squad thrusts.

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, August 28.

Pi Tau Sigma 5:15 p.m. 105C

WEDNESDAY, August 30

Math Club 11:00 a.m. 105C

Kiva 3:00 p.m. Lewis Lounge

Pi Kappa Phi 5:00 p.m. 403M

Tau Beta Pi 5:15 p.m. 202M

Armour's EE Labs Visited by Women

Women students of the army signal corps training program carried on at the Lewis Campus, were visitors to the Armour EE laboratories recently. It was necessary to use Armour's laboratory facilities to complete a certain phase of their training that could not be carried on at Lewis.

FAMOUS "DANDY" 4-0

TAILOR MADE BLUES

MAILED, INSURED, ALL OVER THE WORLD 3 DAYS AFTER RECEIPT OF ORDER

TAILOR MADE NECKERCHIEF INCLUDED WITH EVERY UNIFORM

- Blue Black 100% All Wool
- More Satin Lining
- Hand Embroidered
- Treated not to shrink or fade
- Handsomely finished
- Plenty of extra pockets
- Your name embroidered in jumper and trousers
- Your rate cross stitched

14-15 oz SERGE	\$32.50
16-17 oz SERGE OR WHIPCORD	35.00
18-19 oz SERGE	37.50
17 oz GABARDINE OR WHIPCORD (Extra Fine Weave)	42.50

MINIMUM DEPOSIT \$5 - BALANCE C.O.D.
Postal regulations require orders shipped to F.P.O. be paid in full. Due to recently doubled costs add \$1 for mailing.

FAMOUS "DANDY" Sanitized Pre-Shrunk Excellent Fit

WHITES

NECKERCHIEFS, HEAVY SATIN, TAILOR MADE \$1.25

RAINCOATS, GABARDINE, HALF-LINED, WATER REPELLENT \$16.50

YOUR MONEY BACK GUARANTEE—We occupy a building—the largest organization devoted exclusively to outfitting Sailors. See our ads in the Navy magazines. We unconditionally guarantee our uniforms not to shrink or fade and to fit you right or we'll refund the price.

Dandy Naval Tailors

Mail orders to **DANDY NAVAL TAILORS** MANUFACTURERS 2nd St., Brooklyn Brooklyn, New York

Spencer Aids U. S. Office of Education With Film Concerning Blueprint Reading

Professor Henry C. Spencer, chairman of the technical drawing dept. at IIT, is the advisor and technical consultant of a new film called "Fundamentals of Blueprint Reading".

The film has been completed under the direction of Edward Christensen of the U. S. Office of Education and is ready for use in the various war training programs. Christensen is a technical specialist in visual aids for war training.

Last Friday the complete film was shown in the technical drawing department office. At that time Spencer and Professor Ivan L. Hill also previewed two other new films on blueprint reading. The two other films are to be released in the near future.

Christensen also contracted Spencer and Hill as consultants for two additional films on blueprint reading. The consultants will check all the drawings in the film and advise the way the material should be presented.

Spencer is also the author of "The Blueprint Language of the Machine Industries" a book concerning blueprint problems. He is co-author of "Technical Drawing," "Technical Drawing Problems," "Technical Drawing for High Schools," and "Engineering Preview." The latter book was edited by Linton E. Grinter, dean of the graduate school.

AS I SEE IT

(Continued from Page 1)

is find out how other colleges operate such groups. Have the ITSA secretary write to other colleges and inquire how they operate. Then set up a committee to plan on effecting various improvements.

The reorganization of the constitution is a step forward in the right direction, but it is only the first

Many more things will have to be done before all the students take an active interest in the ITSA.

Only after the ITSA has improved its organization to such an extent that students want to partake in its activities will there be truly efficient student government at IIT.

Schuytema to Give Lecture to V-12's

"The Sociological Implications of the War" is the subject of the lecture to be given by Dr. G. L. Schuytema to the V-12 unit stationed at George Williams College on August 31.

Lt. W. Hamilton, commanding officer of the V-12 unit stationed at Illinois Tech, has desired that the Navy students be given an opportunity to hear these lectures. By these lectures the navy students can think through some of the implications of the war and reconstruction.

The next lecture will be on September 14 by Dr. H. P. Vincent on "The Effects of the War on Education."

O. Erickson to Hold Pi Nu Epsilon Tests

A committee composed of the officers of the various musical organizations has been selected by O. Gordon Erickson to pass on candidates for Pi Nu Epsilon, music honorary.

Assisted by Erickson and Dean James C. Peebles, who will supply the scholastic record of the candidates, the committee will choose between fifteen and twenty men to take the Pi Nu Epsilon examination. Of these it is expected that only a portion will pass the examination, a comprehensive test of musical knowledge.

Qualifications include interest and ability in music displayed in the musical organizations, scholastic requirements, and general campus activity.

No definite date has been set for the meeting, but Erickson said he would call them together sometime within the next two weeks.

Phi Lambda Upsilon Pledges



HONOR CHEMISTS—Three of the pledges to Phi Lambda Upsilon, chemical honorary, are shown getting the signatures of two faculty actives. They are (left to right) Kaz Horita, Lewis Rothstein (active), Dr. Bruce Longtin (active), George Wilmsen, and Susumu Nakazato.

Tau Omega Pledges Four New Members

Three students and one instructor were pledged to Tau Omega, the honorary aeronautical engineering fraternity.

Elmer I. Fresenheiser, instructor in civil engineering, and A/S Edward Goetsch, senior, Leonard Eller, and James Davidson, juniors, are the new pledges.

The civilian pledges will be distinguished by the goggles and miniature propellers they will carry. Milton Schwartz, president of Tau Omega, said that the pledge period will include "flights" to the various classes as well as a "strapping mission" in the water cooler in the cafeteria.

Storekeeper Tracy Leaves IIT for Fleet Replacement

Storekeeper 1/C Chester Tracy left Illinois Tech Friday for fleet replacement. This change is part of a program whereby men who have been serving with the fleet for a number of years are replaced by those who have been ashore.

ardent Republicans to the Legion Tavern where, to quote Ahlers, he let the "amber fluid pass their tonsils". The crux of the affair is that this is Ahlers' second venture from the wagon!

Carl Sielaff has a new line. To see a Cicero girl again he has arranged a bowling match with her! Quarters 5 wonders if he can win the match and still maintain face as a gentleman?

Robert Steward has introduced Samuel Lloyd III and Alexander Patterson to the Tri Delt house at Western Springs a few miles from Steward's home.

George Meholic spent the week-end in Warren, Ohio.

Quarters #6

Quarters #6 is recovering from a heavy Saturday night at the Integral Ball and doing well. Prominent among the promenaders was Warren Furst, John Conklin, Robert Freund (from #2), and Harry "the boot" Weinstein. The furtive character lurking in the shadows who clinked like a bottle when he walked was identified as Ray Bojanowski.

The brand new cement deck in the hold bears several honorable, and distinctive markings. If anyone is curious as to what they are any member of the Alpha Sigs will gladly offer an explanation.

Quarters #7

Air Cadet Paul Hood visited his former room mate Carl Child of Quarters 7. Tom Muchmore and Leonard Spielman, also air cadets, visited Ralph and Glen Neiswander.

The new 2 o'clock Sunday morning liberty dead line will not affect several Quarters 7 men who were so unfortunate to forget about the "no radio playing before 4 p.m. rule." Eight men were restricted.

Goodman Added To IIT Faculty

William Goodman has been appointed research professor of refrigeration and Air Conditioning at IIT.

Professor Goodman will move from La Crosse, Wisconsin, where he has been consulting engineer for the Trane Company, to Chicago by November first when the fall semester starts.

At Illinois Institute of Technology, Professor Goodman will conduct both an undergraduate and a graduate course in air conditioning. He will also conduct research studies and experimental investigations in this field. The present air conditioning laboratory which includes three experimental units will be expanded for the use of Professor Goodman's students.

Professor Goodman is recognized as a leader in the field of air conditioning. His publications are well known to engineers in this field since they have appeared regularly as articles in the technical journals. In 1943, his book on "Air Conditioning Analysis," including psychrometric charts and tables was published. This is one of the most comprehensive books on the theory and practice of air conditioning that has appeared. It is widely used as a college text and as a reference book for practicing engineers.

In his engineering work, Professor Goodman has had the opportunity to design some of the most important installations for air conditioning since the Trane Company is one of the best known companies in this field. His work for the past three years has been almost entirely in war service, much of it being secret or confidential in nature.

PLAYERS

(Continued from Page 1)

each one reacts toward facing God or Satan is shown in the rest of the play.

When the play was first presented in New York after a successful London run a majority of the critics had favorable reactions toward the play.

Harold Kellock of the Cleveland Journal wrote: "Mr. Vane has managed to construct a situation of unusual emotional intensity from which only the most callous auditor could escape unmoved."

Others said that it was a poignant tragedy; withal an amusing play, but one for thoughtful people.

QUEEN

(Continued from Page 1)

bust of 34 inches, likes gardenias, and does office work for a living.

Queen Charmaine graduated from Taft High School last February and plans to attend business college. All say they are either somewhat partial to engineers or prefer to remain silent on the subject.

Dry Cell Is Studied by J. Mrgudich and Lufcy

Prof. James S. Thompson today revealed that part of the electron microscopic research is being conducted by J. N. Mrgudich of Burgess Battery Co. assisted by Carroll Lufcy.

Mrgudich is reported as saying, "Dry cell making is an art—not a science." The purpose of this research is to bring dry cell production closer to a science, by investigating the structure of carbon black and the correlation of various manganese dioxide ores to cell efficiency.

The importance of this research can be judged when it is known that practically all of Burgess production is going to the Army Signal Corps, where the batteries are used in walkie-talkies and other portable equipment.

Bookstore to Be Closed Thursday for Inventory

Mr. Bruhn, head of the bookstore, announced that the bookstore will be closed all day Thursday so inventory may be taken.

Quarters #2

Bill Harris is having quite a time not only this week but also last week-end. He entertained a girl friend on the week-end of the big occasion being the Integral Ball. His father is coming to Chicago this week to attend the All Stars vs. Chicago Bears football game.

Stopping over at the quarters on their way home for leave were Palmer Harbison and Wayne Hoffman. They spent two semesters here at IIT at the end of which they were transferred to the naval air corps. After a twenty-six day leave they are to report to pre-flight school.

Ensign Ray Tubergen, who has just completed his Midshipman Training at Annapolis, was married last Saturday to Dorothy Jacob, secretary to the registrar here at school. He was attended by an honor guard composed of former shipmates from this unit. Upon returning from leave he is to report for submarine training.

E. A. Martin spent the last week-end at his home in Pleasant Ridge, Michigan. Also spending the week-end at home with friends and relatives were Tom Lechner, Bob Harmon, Bob Severson, and Dick Thomas.

Quarters #3

Members of Quarters #3 are working for the speedy recovery of a short who is ill in the hospital. Short who used to be an assistant MA is now a midshipman stationed at Abbot Hall.

The saddest case is Gus Leist whom the new liberty order is going to affect the most. Gus, who puts Clarence McElhaney to shame, likes his evenings with Margaret

Mark. He claims to be a musician and that the

reason he takes his date to enjoy the concerts. However, the quarters is wondering what he is going to do after the concerts are over for the season.

The quarters was visited by Peter Outcault who is still at the Lakes recovering his health.

The quarters was also visited by air cadets Tom Muchmore and Leonard Spielman. Also, Bill Johnson's future brother-in-law, Hal Squier visited here.

Quarters #4

Cpl. William Hogan was the guest of Paul O'Chuck Wednesday and Thursday. Hogan, whose brother was to the house some weeks ago, went to high school with O'Chuck in Kenosha, Wisconsin. Hogan is an aerial waist gunner from a camp in Arizona.

The house is being rejuvenated on the inside with a fresh coat of paint. The decorators started on the third deck Wednesday. The overhead will be white and the bulkheads cream.

George Sarvadi has been in the habit of spending all of each week-end at the home of his girl in Aurora, Illinois. Sarvadi's friends are anxiously awaiting developments since the new Sunday morning liberty order.

William Fiech, Allan Kukral, and Edward Mattock all returned from liberty last week with lipstick on their jumpers. Fiech blamed his smear on his mother; Kukral made no statement; and Mattock, with a lip print on each shoulder, said he didn't mind just one red spot, but with two he'd have to change his jumper!

Quarters #5

Edward Ahlers is doing his bit for the Democratic campaign. Wednesday several of the houses's