

THE IIT CURRICULUM committee will hold a meeting within the next two weeks. At this meeting they will discuss the problem of final examinations for graduating seniors, a problem which concerns all upper classmen.

The practice of excusing graduating seniors from finals has been in effect at Armour for many years, and until the last few semesters this system has proved satisfactory. Last semester complaints were received from many of the instructors that too many of the seniors were lying-down on the job.

Three or four weeks before the end of the semester they would let up and take things easy. Others had the conception that since they were graduating seniors, an instructor could not, or would not, flunk them.

At the next meeting of the curriculum committee proposals will be discussed to reinstate final examinations for the graduating seniors. They feel that this let-down on the part of the seniors will affect the morale of the remainder of the student body.

AS I SEE IT, the situation outlined above should not be permitted to continue. But I do not believe that it is necessary to use final examinations as the answer. And I do not see how the morale of the undergraduate students is hurt under the present system. Not to take final exams is considered one of the privileges of being a graduating student. I believe that the only responsibility

(See AS I SEE IT on page 6)

## Sievers Lewis ITSA Member

Viola Sievers was elected Lewis representative-at-large to the ITSA in the first elections held this semester. This election was held Friday under the direction of Ronald Lind, secretary of the ITSA.

The offices contested in this election were the Lewis vice-president and the position of Lewis representative-at-large. Since four votes marked the difference of the totals polled by two of the contestants, a runoff election will be held at Lewis this Friday.

Miss Sievers garnered a total of 34 votes, while her opponents, Joseph Kovanda and George Prochnow, were credited with 16 and 14 votes respectively. For the office of vice-president, Lorraine Kronenberg gained a total of 28 votes against the 24 votes of her opponent, Charles Conforti. Gloria Klouzar was the runner-up with 11 votes.

Two of the three people chosen

(See ITSA MEMBERS on page 5)

## Dance for the Integral Queen To be Held Dec. 11 at Drake

The Integral Dance will be held on December 11 at the Drake Hotel, said Mike Coccia, ASSC chairman, today. At the same time, Coccia announced the social calendar for the coming term.

Main highlight of the Integral Dance will be the presentation of the Integral Queen, whose identity will be unknown until that time.

As yet, a hand has not been secured for the dance, which will be sponsored by the ITSA. The price of the bids will not be known until this week. The 400 bids will be placed on sale within the next fortnight.

The social calendar as revealed by Coccia is as follows—

December 4—the second free dance at school.

December 11—the Integral Dance

December 22—the Hockey Hop.

Second week of February—the fourth free dance at school.

Two weeks before the finals—another downtown dance.

Coccia also said that a meeting of

## Schommer has Juke Box for Student Union

### Alumni to Contribute \$100 Toward Cost IF ITSA Will Match Gift

Illinois Tech alumni will give \$100 toward a juke box for the Student Union, John J. Schommer announced today. The gift will be made on the condition that the student body matches it dollar for dollar, Alumni President George H. Von Gehr stated.

Bernard Weissman will ask the ITSA to appropriate the student share at the meeting Tuesday.

The juke box was discovered by Mr. Schommer, who proposed the plan to Mr. Von Gehr. The box will cost \$200, and can be obtained as soon as the alumni contribution is matched.

Early this year, the ITSA appropriated a small sum of money for the purchase of a juke box. A second hand machine was purchased but was sent back because of mechanical defects. According to Weissman, the dealer had used a form of paper to reenforce a broken gear, which was irreplaceable.

They would not send out another machine after that one was returned. The juke box project was then dropped, stated Weissman.

The Dance Club which holds dances open to all students every Wednesday, expressed the thought that a juke box would be very desirable from their point of view.

## Clean Up Campaign Begins in Union

A clean-up campaign to rid the lounge and auditorium of empty bottles and paper is now in full swing, Ted Anderson, president of the SUBC, announced today.

Now, because the use of the lunch-room is not available to them, students are forced to eat in the auditorium and lounge. They have been leaving their paper bags and bottles when they leave.

The cooperation of the users of the lounge and auditorium is needed in this clean-up campaign said Anderson. More refuse containers are promised.

the ASSC will be held in the East Dining Room on Wednesday Nov. 17 at 5:30 p.m.

## 8016 Now Attending Classes at IIT; 1083 New Students Start Winter Term

Representing an increase of more than 15 per cent, a total of 8016 persons are now studying at Illinois Institute of Technology during the winter term, it was revealed today by Charles Kepner, registrar.

This is an increase of 1083 students over the past term. The winter term at Illinois Tech just opened, it being now in its third week.

Larger registrations in regular college civilian day and evening classes and in war training account for the gain. Evening college enrollment is up 67 per cent, day civilian enrollment 22 per cent, and war training classes 32 per cent.

A total of 2957 students are attending regular college classes. In-

## New Socials for Dance Club



HOLDING FIRST DANCE under reorganized program—Dance Club offers "juke box social."

## Dance Club First to Reorganize: Weekly Socials to Be Featured

Complete reorganization of the Dance Club has proved successful, claimed Tom Dressler, president of the Dance Club, last Wednesday. Twenty-five couples initiated the first free, "juke box" dance last Wednesday evening.

Altering their policy completely at the suggestion of Anna C. Orcutt, faculty advisor, the club now has free dances on all but three days of the semester, when beginning and advanced dancing instruction will be given.

Under the present organization, enough young ladies are invited to the meetings to take care of the anticipated number of students who will attend. Dancing is scheduled from 5:30 until 7:00 or later, every Wednesday. Last week, the dancing continued until 3:30 and ended then only because of the closing of the cloakroom, said Dressler. The girls

are students of St. Xavier College, Chicago Teachers College, and student nurses from nearby hospitals.

Music is provided now by a phonograph attached to the radio. It is expected that a regular "juke box" will soon be purchased by the ITSA and the alumni association and will be available for use soon. The lounge is used for the dancing.

"A larger number of students and an equal number of girls are expected to attend our meeting this Wednesday," said Dressler. "The success of the Dance Club is now an accomplished fact."

This club is the first to reorganize in the manner suggested by recent editions of *Technology News*.

## Christmas Vacation Is Still Scheduled

No change whatsoever has been made regarding the Christmas vacation. This statement was made by President Henry T. Heald in reply to rumors spreading about the campus regarding his speech to the alumni Wednesday.

President Heald stated that his words were misinterpreted. Christmas vacation will begin Saturday, December 25, and instruction will be resumed on January 2.

The latest directive issued by the Institution states that classes will definitely be held on Thanksgiving Day.

cluded in this number are 694 Navy V-12 men who, along with 1259 civilian students, are attending regular college day classes.

Four hundred and eighty-four army cadets are also getting college training at Illinois Tech under the Army Specialized Training Program.

Evening college classes have an enrollment of 1004.

Completing the more than 8000 now studying at Illinois Tech are 4665 students in Engineering, Science and Management War Training courses. These courses are all of the short, intensive, no college credit type, and 349 of the group are studying full-time, 40 hours per week, in such courses, while 3816 are in evening war training courses.

## Parmly Unit To be Fourth In IIT Plans

### Building Will House Equipment for Work On Auditory Research

Work on the fourth building of IIT's development program will start this week. Ground will be broken on Wednesday announced Peter J. Mills, director of the Parmly Foundation for Auditory Research, for the foundation's new quarters.

The building, to be located at 3318 S. Dearborn Ave., will consist of a sound-proof room, a laboratory, and an office. It will be one story high, with dimensions 64 by 24 ft. Dr. Mills hopes that the building will be completed by the end of the year.

In its new location the Parmly Foundation will continue its research concerning the rehabilitation of aural casualties of the present war. The basic pieces of apparatus necessary for this work have been acquired, and include an audiometer and a harmonic wave analyzer.

The former determines the threshold of audibility of the person being tested, while the latter analyzes a complicated sound wave in terms of its fundamentals and harmonics.

The first three buildings, two of which have been completed are the Minerals and Metals Research Building, the Ceramics building, and the new diesel laboratory of the Research Foundation. The latter is still being built. The new Parmly Foundation building will, like the ceramics building, not be permanent.

## It's Your Money

A student faction has been organized to protest against the IIT Student Activity Fee. This action has been taken because many of the items which constitute this fee are believed to be unfairly placed upon the student body in the form of burdens they should not rightfully be compelled to assume.

They are planning to culminate the protest at the ITSA meeting Tuesday, at which they are going to ask that the fee be abolished entirely.

If the refusal of a large majority of the navy men to pay that fee again this semester was in any way responsible for this action, we are thankful to them not only for recognizing that their money was not being used entirely to promote their welfare, but for bringing the question "What is our money being used for?" to the remainder of the student body.

This is a question that should have been asked a long time ago.

We do not think the present condition could have continued indefinitely. But the fact that the navy men should find cause to object to paying a fee just half that which the remainder of the student body had been paying for a number of years, was a valuable stimulus in arousing the rest of us to action.

Before this group demands a complete abolishment, however, would it not be a wiser course to itemize the ITSA budget, decide which expenses should be their responsibility in all fairness, and then ask for a revision to cover these items only?

Certainly it is not fair for the student body to maintain the institute's athletic facilities and coaches, or to build tennis courts, as has also blandly been suggested. But other expenses are rightfully the student's. He should assume them for the same reason that he refuses to assume those not responsible to him.

Nevertheless it should also be remembered that most of these costs are fixed costs, and the student's share should be apportioned according to the enrollment.

We ask this protesting group to consider these things, and also to consider carefully the financial proposal that will be presented at the ITSA meeting Tuesday, before it acts further.

This is your money—you should see that it is spent wisely.

Larson

Man Of The Week

Ken Black Elected Eta Kappa Nu Vice-President and Rho Epsilon President

TECHNOLOGY NEWS

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One School or Two?

Lewis and Armour merged in 1940 to form the Illinois Institute of Technology, but they have been managed, in many instances, as two separate schools. Three years after the union a student can enroll at Illinois Tech and pay either \$7.00 per semester hour, or he has the alternative of paying a straight \$150 per semester fee. Which fee is paid is not determined by either the number of credit hours carried by the student, or the course followed, but rather by which campus he attends.

Illinois Tech offers a B.S. degree in chemistry at both Armour and Lewis. The bulletin lists both courses as being identical; yet an Illinois Tech degree earned at Madison and Damen streets costs \$1,015 in tuition fees, while the same degree earned at 33rd and Federal streets costs \$1,200. How can any college charge two different prices for the same degree covering the same work at the same time?

It appears that the administration should adopt one consistent policy in dealing with the two campuses, and the tuition charges would be a good place in which to begin.

—W. BURKHART

Your Duty and Your Privilege

Will you save a soldier from death?

The arrival of the Mobile Blood Unit on November 30 will mark your opportunity to save the life of a man who has been fighting to maintain your rights. The Red Cross is asking for only twenty minutes of your time and one pint of blood.

As stated by Lt. Commdr. James W. Sours, medical officer of the V-12 unit, the body can function, without ill-effect, even after a quart of blood is taken. He also stated that wounded men die from the lack of it.

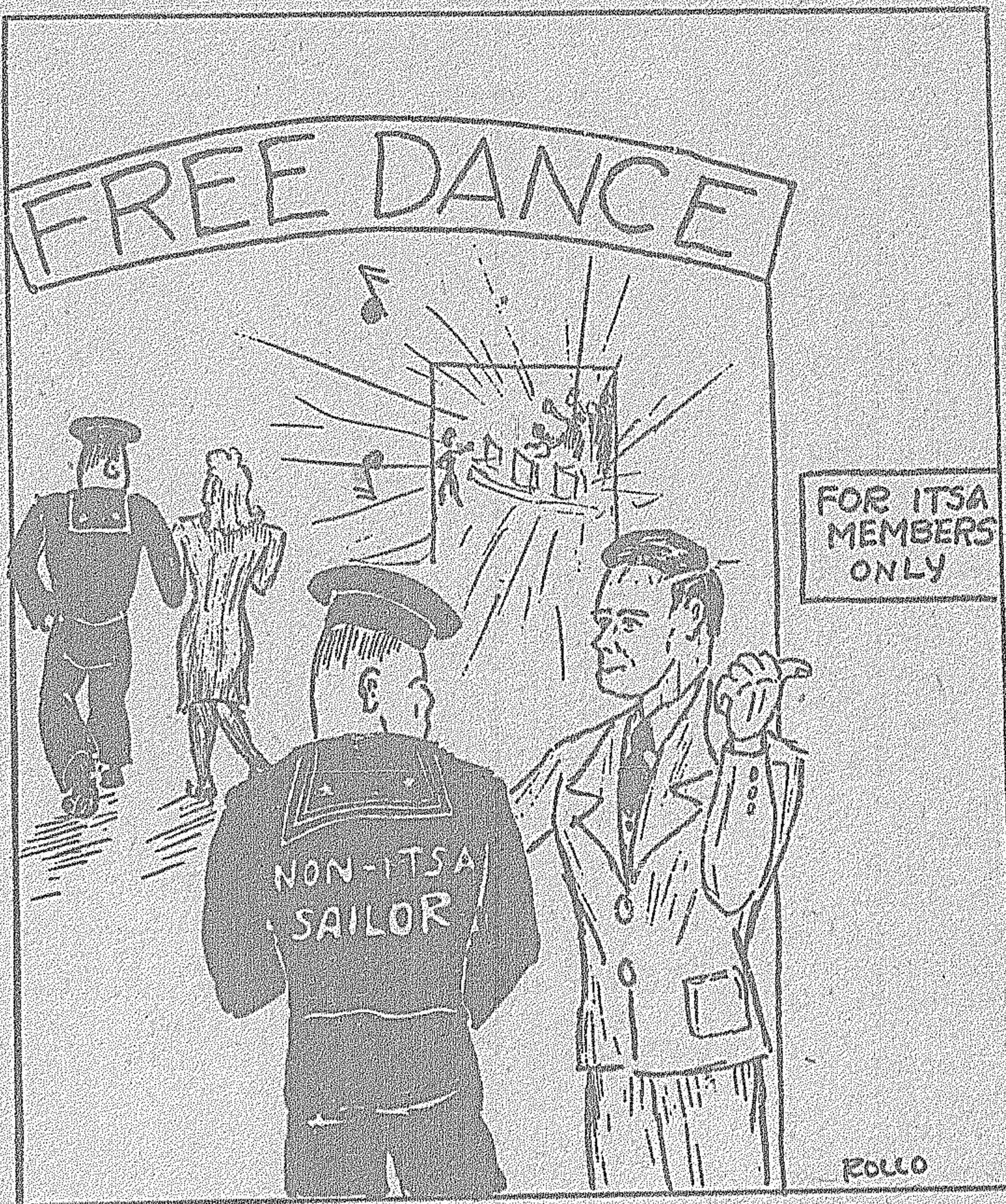
The commanding officers of the army and navy units have given their full approval to those servicemen who wish to donate. There is, then, no plausible reason why every student and member of the faculty cannot sign a donation card. While only 800 are needed for the arrival of the Mobile Unit, why should not 1500 sign up?

During the last drive, 47 per cent of the navy and 45 per cent of the army students gave blood. The civilians lagged far behind with only 22 per cent.

The students and faculty at Lewis are a part of Illinois Tech and their representation should therefore be as strong as that from the Armour campus. The fact that those at Lewis will have to be on the Armour campus to donate should not have any effect on their willingness to donate. The short trip is a small request from a wounded soldier.

—H. BURKART

Must It Come to This?



FROM OUR READERS

Dear Editor:

Since its inception on the IIT campus, the Honor System has been the subject of much discussion. One of the cardinal points of disagreement has been the misconception that the students must sign the pledge.

However, at this time, there are instructors on the campus who not only demand that the Honor Pledge be signed but enforce their rule by lowering the exam grade as much as 40% when the paper does not bear the pledge.

Students who have cause not to sign the Honor Pledge will be forced to dishonor themselves further by writing this pledge to avoid losing 40% of their grades. While, at the same time, students who have always done their own work and who always will —have their grades lowered by carelessly omitting the pledge.

The Honor System has now been in for approximately two years. Throughout this time many disagreements have arisen between the students and the faculty pertaining to the interpretation of the system. How long will it be before the faculty, the students and the Honor Board concur on a mutually beneficial plan?

D.E. & A.R.

Dear Editor:

Is engineer synonymous with bad manners?

Just because women are scarce on the Illinois Tech campus, is that any reason for them to be treated so rudely by some of the students?

There are probably only 100 women, including the secretaries, on the Armour campus, and it doesn't seem that it should be so difficult for some of the engineering students to observe a few of the basic rules of etiquette for those few.

Granted, many of the Illinois Tech boys have gone to technical high schools and from there to the Institute and have not been accustomed to opening doors, etc., for women. However, surely their education along this line has not been completely neglected.

No one expects the "busy" student to go much out of their way to

be mannerly, but I think it is definitely a reflection on the Institute when some of them can't observe a few fundamentals. It certainly feels peculiar to have an engineer barge in front of you, open the door, and then let it slam in your face. Also, to have the thundering herd bear down on you after classes gives you somewhat the feeling of being right in the middle of a stampede. Some of them are nice, though—they pick you up when they knock you down.

Battered Secretary

Dear Editor:

Last week's story about the forthcoming visit of the Red Cross Mobile Unit has a very interesting line in it about only 22 per cent of the civilians signing up for the donation. Does this include those who were willing to give their blood, but found that the Red Cross couldn't accommodate them?

I remember that there was quite a bit of talk at the time by civilians, who, for some reason other had neglected to return their appointment cards. They tried to get an appointment in the last few days, but were told that all the time had been filled.

What does the War Council intend to do before the November visit? Will they post an absolute deadline for donation applications and see that the students are aware of it, or will there be an effort made to induce the Mobile Unit to stay an extra day to pick up the stragglers and their blood?

K.H.

Dear Editor:

The letter last week that spoke of the ITSA paying for coaching salaries showed the feelings of students on this matter. The students are not only going to ask that the administration take over the burden; they will demand it at the next meeting of the ITSA.

Too many activities are now curtailed because funds are low. Why? The ITSA must pay salaries to faculty men. Besides being an intolerable condition, it is an insult to IIT.

Is the school going to do its share, President Heald?

Disgusted

His election as vice-president of Eta Kappa Nu, national honorary electrical engineering fraternity last Friday, his office of president of Rho Epsilon, honorary radio society, and his other extra-curricular activities earn Ken Black the nomination of today's "Man of the Week".

Ken, a senior in electrical engineering, came to IIT only last February, but his activities have made him prominent in the student body. He started his college career at Elmhurst College, and left after his sophomore year to go to work. While working, he attended night school at Illinois Tech and was able to compete the work required for his junior year there.

His interests in the field of radio and communications brought about his entrance into

Rho Epsilon early this year. Two weeks ago, recognition of his ability brought about his election as president of that organization. To him falls the responsibility to guide not only Rho Epsilon, but the actions of those members of the fraternity who have completed the commercial frequency-modulation transmitter



Ken Black

on the Lewis campus.

In addition to that, the formation of an International Morse code class will be left to his direction. Last semester Rho Epsilon built and equipped a table to instruct a class in how to send and receive Morse code, and will start a class soon.

As vice-president of Eta Kappa Nu, Ken has further responsibilities. He was drawn into the fraternity last semester in recognition of his scholastic records. His election last Friday was another award to true merit.

His activities have not stopped short there, however. Ken is an active member of the American Institute of Electrical Engineers, and a member of the Illinois Tech band and orchestra. His ability as a musician is attested by the fact that he was a member of the band that played at the All Star football games for five years. Before that, he was a member of the Proviso High School band and orchestra.

The love of outdoor life is found in him too. He was twice a counselor at YMCA boys' camps in Michigan. There, he was able to direct the activities of a group of young boys and teach them the lore of wild life.

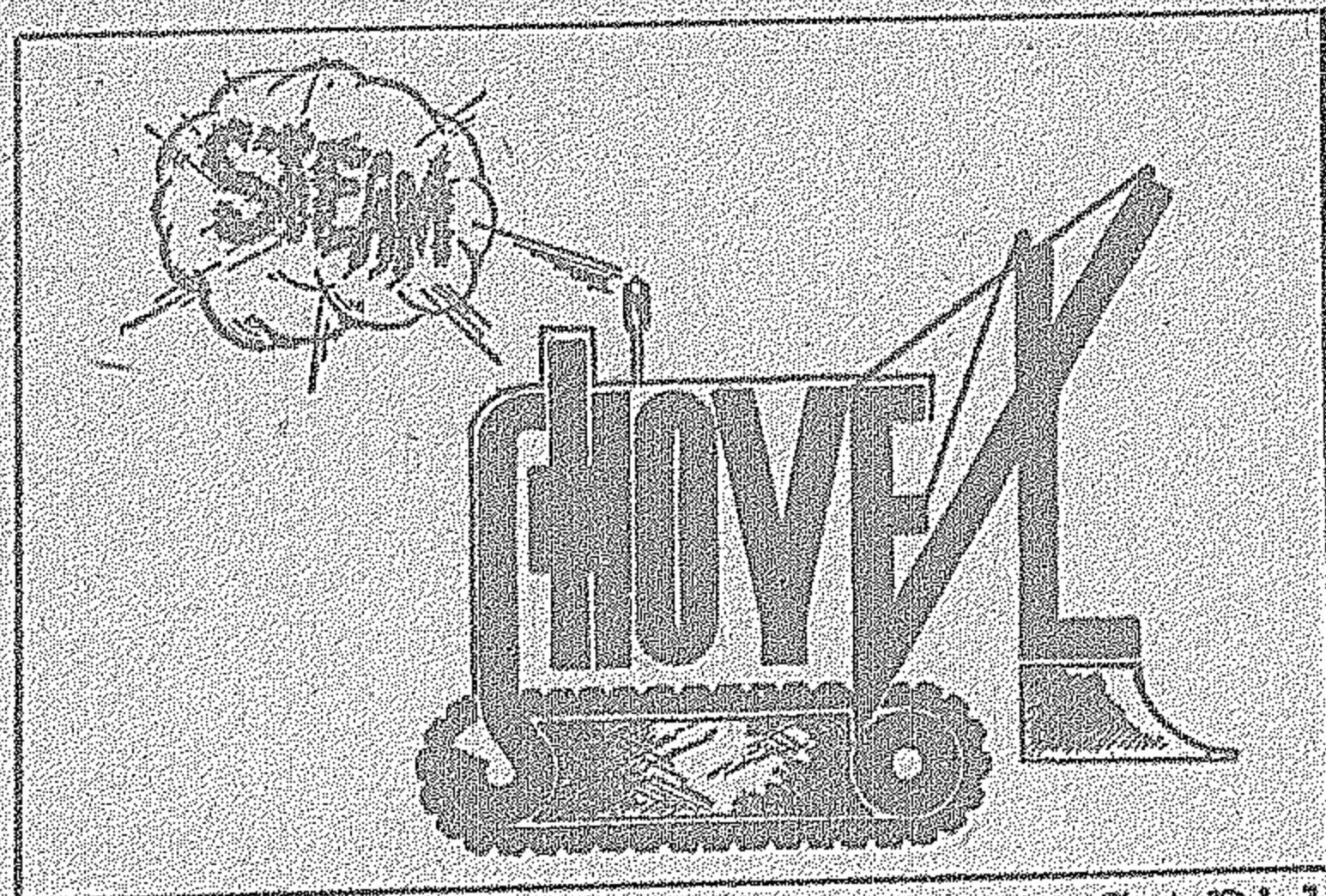
During those days when he was studying at Elmhurst College, Ken was the business manager of the school's yearbook. He also held a similar position while at Proviso High.

When he finishes his undergraduate work here, Ken intends to enter the industrial field. His spare time, however, will be directed toward obtaining a master's degree in electrical engineering.



BETTY LU ANDERSON, junior electrical, taught radio to the army students stationed at the Congress Hotel...BERT PEARL, sophomore electrical, at one time vacationed regularly at Pearl Lake...VIRGINIA PRETZING, chemistry major, is following in her father's foot steps; he graduated from the Institute in 1919...An EE sophomore, EDWARD RABIN, was once a runnerup in a Chicago Park District sectional tennis tournament...TOM RUCK, CHARLES BUCKLEY, and ROBERT WHALEN, president, secretary, and treasurer of the sophomore class, are new staff members of Technology News.

## Edgewater Beach Gives Special Rates to Civilians



Those loud discussions of "How to Get Rich in Thirty Days" that have been echoing around the campus have finally been traced to their source. It seems that the local Organized Brotherhood of Big Time Operators have consulted the calendar and found themselves facing a social season crammed with dances. The Integral Dance is scheduled for Dec. 11 at the Drake, and following this, there's the annual Hockey Hop. A second glance at the little black books show that the Christmas rush and final exams are separated by more social activities. The question then, is how to face the next few months and remain solvent.

According to one of the lovelier secretaries on the Armour campus, the "Super Suds Theme Song" is scheduled for the Hit Parade, with "Tut, tut, Nothing but You-know-what Bread" as a close second. Such goings on are usually considered to be revolutionary when coming from a lass holding a master's degree in English. Perhaps she is doing research on contemporary American folk tunes, or maybe she's just another song plugger.

Rumors from the cafeteria have it that even "Gunter Bida" Gow's grandmother has disowned him. It is said that Gow came with his flaps up and higher than a kite not too many mornings ago, but finally found the right door. After one look at the desolate figure propped against the door, Grandmater promptly slammed said door in his pleading face, and there he remained until well after sunup.

The ability to speak Russian must have its points. At least that's what was proved by Frank ("No, not Sinatra") Kutchik, of the soph chems. He picked up his Russian around the house, but enrolled in the new elementary Russian course to see what he might have missed. Not only being able to put some of the faculty members also taking the course in their place, he has the advantage of knowing more than the teacher thinks he knows.

Between semesters, Harry Beach, like so many Techmen, went home to convey the results of his technical education to the masses. Harry belongs to the Royal Order of Circuit Tracers, and his first project concerned the tremendous amount of electricity wasted in the average home. Drafting a local chick as a lab assistant, he proceeded to demonstrate just what could be accomplished without so much light. The procedure consisted of turning out all lights and attempting to carry on normal activities.

Harry reports that the saving in current is substantial and that the practice has certain other advantages. No doubt the rest of the Bulbcatchers are ready to report similar findings.

Der Tag has been officially set for when Roy ("Promoter") Olsen makes his grand appearance in a fawn brown zoot suit. He claims that it's being tailor made at this moment, and a certain board is just dying to make the presentation. Some say that a special Frank Sinatra bow tie is also to be presented to the Circle Lounge B.T.O. by "Sugar" Dressler and "Strafer" Art-Install, he of the G.I. clippers fame.

Who is Gloria? Sure, that's her name, but what has held back the B.T.O.'s from making the acquaintance of this newest of delectable damsels? She has been working in the navy bookstore the last week, and during this time the only one who spoke to her socially was Bob ("Never say die") Burkhardt. Not only that, but the gentlemen with the pointed ears have to be shown the way by a certain G.I. in khaki who buys two cokes each afternoon. Can it be that the local gentry has forgotten to give a newcomer the old Illinois Tech Welcome?

Perhaps the best item of the week, this one blew in from Lewis: Sheldon Alber, a new arrival from the University of Michigan, charged into the phone office wanting to find out where he could lay his hands on a "legitimate excuse for an absence." Not that he had cut a class, or anything, oh no. He had had to have legitimate excuses throughout high school and at Michigan, so why not at Lewis? Tipped off by an old hand that such things were unheard of at IIT, he left rather puzzled. If anybody has a supply of unused legitimate excuses, send them over to Lewis; there seems to be a ready market.

Well, 'nuff for now; remember "if it's dirt, I'll dig it."

Brother Tinsley Phenorton

OPENING a new series of College Nights, the Edgewater Beach Hotel extends special rates to civilian students. To take advantage of a special 65c admission, civilians will have to obtain the hotel courtesy cards in the school bookstore in the Student Union.

College Night has been a feature of the Edgewater for several years, and through it, the Marine Dining Room is opened to college students every Friday evening at special rates. Army and Navy personnel continue to be admitted without cost as usual.

Featured in the Marine Dining Room now is Eddie Oliver and his orchestra. The orchestra forms a fine background for the intricate routines of the Dorothy Dorben Dancers, who have become associated with the Edgewater for so long. As ever, the dancers sparkle with originality and always present an enjoyable show. Rounding out the entertainment are the talents of Glover LaMae, Ann Judson, and Dan Harden.

FOLLOWING a long run of a successful play produced this summer, the Actors Company last week opened a new play. It is "Out of This World," and the title suits it in more than one way. It is distinctly an experiment in the field of dramatic presentation, and produced by a stock company which has been successful with such attempts in the past.

"Guest in the House," the last play given by the group, was considered by Chicago audiences to be a definite success. It played throughout the summer to well filled houses, and caused considerable favorable comment. It was a strong psychological drama, and "Out of This World" is said to follow similar lines.

The play holds forth at the Forrester Theater, with curtains at 8:30 p.m., and 3:00 p.m. matinees on Saturday and Sunday.

"Good Night Ladies" is still going strong in its second year at the Blackstone Theater. It is considered the greatest comedy that has ever hit Chicago theater goes in the last 50 years.

## Purification of Sea Water Is Aim of Senior Chemical Project

Preparing fresh water for battle-ships is the project undertaken by chemical engineers Gordon Fleischer and Blake Hooper. Selecting this problem for their senior project, Fleischer and Hooper will attempt to obtain water from the sea to provide the water necessary on ships for drinking and steam generating purposes.

They propose to do this by passing the sea water through a column packed with resins. These resins have a specific action on either the sodium or chloride ion contained in the solution passing through the column. Thus the first resin will neutralize and remove from solution the chloride ion, while a second resin will react in the same way with the sodium ion.

By re-circulating the water, or by using successive series of resins they hope to remove from the sea water enough of the salt to be fit for use as fresh water. This procedure has been used before to remove magnesium chloride from solutions, but this is the first application with regard to sea water.

Dr. Edward J. Bicek of the chemistry department is using his research time to determine the structure of various plastics and synthetics. With this knowledge of the molecular structure of the compound, Dr. Bicek believes he can control its physical properties.

The actual structure of the material is determined by an X-ray dif-

## the alumni corner

Clarence W. Farrier, A. '16, was assistant coordinator of the Tennessee Valley Authority at Knoxville, Tenn., television coordinator of N.B.C., and a regional coordinator of defense housing before he took on his present position: chief of the chemists and drugs section of the Price Division, Price Administration, Executive Office of the President, Office of Emergency Management.

— IIT —

Franklin P. Adams, noted columnist and "Information Please" expert, graduated from the Armour Scientific Academy with a straight "A" average.

— IIT —

Author of "You and Your Money," now in its third edition, is C. Donald Dallas, A. '41, president of Revere Copper and Brass, Inc.

— IIT —

When William F. Sims, A. '97, retired as chief electrical engineer of Commonwealth Edison Co. last August, George M. Armbrust, A. '04, was appointed to succeed him.

— IIT —

The title of Knight of St. Patrick, Summa Cum Laude, is carried by Alexander D. Bailey, L. '03. He was given this title by students of the University of Missouri. (St. Patrick is considered the patron saint of engineers since he made the first "worm-drive.")

## Such Is Life

It looks like the liberal artists have to work for a living from here on in. Emily Post has laid down the law that the modern girl is not expected to bring a dowry when she is married.

It seems that a certain guy was holding out for all he could get, but the gal got wise. The case was tossed over to Emily's section of the Good Will Court, and naturally, there's no appeal from her decision.

Time was when a hard working young fellow could marry not only the gal, but also 40,000 acres of her father's ranch and a herd of cattle. Only recently at least a vice-president's job was the accepted dowry coming along with the boss's daughter. What the future holds for liberal artists, no one can now tell.

It might even be that the boys will get their degrees and then work their ways to executive chairs. Their ways to executive chairs. But then "Arbeit machts das Leben seuss," they say. And anyway, one would rather rest on his own laurels, wouldn't one? Life's like that.



By BURT FRIED

Students at Illinois Wesleyan University (Bloomington, Ill.) decided to "buy" a jeep for Uncle Sam through a fraternity and sorority competition. When the sales were totaled, the students were delighted to find that they had sold more than enough bonds to finance 100 jeeps! The winning sorority and fraternity received certificates at a dance called the "jeep hop."

Southern temperament being what it is, there was evidently no man on the University of Kentucky (Lexington, Ky.) campus brave enough to act as judge in the beauty contest recently held there, for John R. Powers, of the New York modeling agency, was called in to do the honors.

The all-too-familiar injunction, "lay that pistol down, babe" might well be applied to girls at Northwestern University. Rifle practice is now being offered, and the girls may substitute it for physical education this quarter.

The coeds at Ball State Teacher College (Muncie, Indiana,) are hard up for, among other things, bobby pins. According to the student newspaper: "A familiar sight any day is to see a girl stop, anywhere, and search for one of those prized possessions that she has dropped. One girl even went so far as to go over to the dressing room in the gym and pick the bobby pins out of the cracks and crevices."

It was at Georgia Tech (Atlanta, Ga.) that civilian and naval students conducted a contest to name the queen of all Techmen's girl friends. The winner was dubbed, "The Girl I'd Rather Be Restricted With", a variation on the old cast-away-on-a-desert island theme.

Having discovered that the statues of distinguished alumni on campus were hollow, ASTP men and aviation cadets at Yale University have deposited blitz cloths, shoe shine cloth, brushes, etc., therein for that last minute touch that means so much before inspection.

When a new fire escape was planned for East Hall on the Northern Montana college campus (Havre, Montana) WPB would release no iron or steel for its construction. So now East Hall boasts a fire escape made of wood! But all's well that ends well, for the NMC students claim that they can reach the ground before the escape burns down.

Out in Texas, (where men are men, and so forth) getting one college degree at a time is evidently too easy, for graduate social science students at the University of Texas will henceforth be able to get two PhD's at a time by doing simultaneous research in American history and American literature.

A new grade of "M" has been created for V-12 men at Stevens Institute of Technology (Hoboken, N.J.). It signifies that the man has satisfied the minimum Navy requirements, but carries no credit towards a Stevens degree.

## Basketball Team Experienced; Small Turnout is no Drawback

Only Six Men From Last Year's Squad Return, But New Players are Developing Rapidly

Despite the smallest turnout for basketball in several years, Coach Ed Wagner has high hopes for this year's team. Only about 20 men have come out to practice but practically all of them have had previous experience.

Several of the new players are already developing rapidly.

Among the navy students are J. J. Roberts, Art Granum, and John Zadravetz; Henry Koci, Charles Buckley, and Bill Ready are some of the new civilian students.

## Peabody Show To Play Here

Lieutenant Commander "Eddie" Peabody will bring "Happy Hours" to Illinois Tech starting Tuesday, Nov. 16.

According to Lt. W. A. Hamilton, commanding officer of IIT's V-12 unit, Comdr. Peabody will be accompanied by the Great Lakes Orchestra, composed of thirty pieces, and will bring with him his banjo which earned him the title of the "Banjo King" when he was a civilian entertainer.

The navy "Happy Hour Program" will be presented at Illinois Tech twice a month; once each month the program will be composed of talent contributed by trainees in the IIT V-12 unit, and a nationally known band will entertain the men the other night.

The "Happy Hour" Program has been presented for the entertainment of naval personnel for some time, and was first suggested by Chief Petty Officer John Shannon, stationed here on the campus.

## 50 Men Report To Weissman

A squad of 50 reported Friday to Coach Bernard ("Sonny") Weissman in answer to his call for varsity boxing and wrestling. The navy turned out very well, about 20 being navy candidates.

Four lettermen in wrestling turned out. They are Jack Eulitt, capt., Don Maihock, Ronald Ailara, and Claude Anderson.

To the boxing squad returned Bob LaCivita, Jim Ladd, George Martinek, and Peterman from last year's squad.

Only a short workout was held Friday, but hard and regular practice was promised by Coach Weissman for this week.

## Pi Delta Epsilon to Head New Morgue

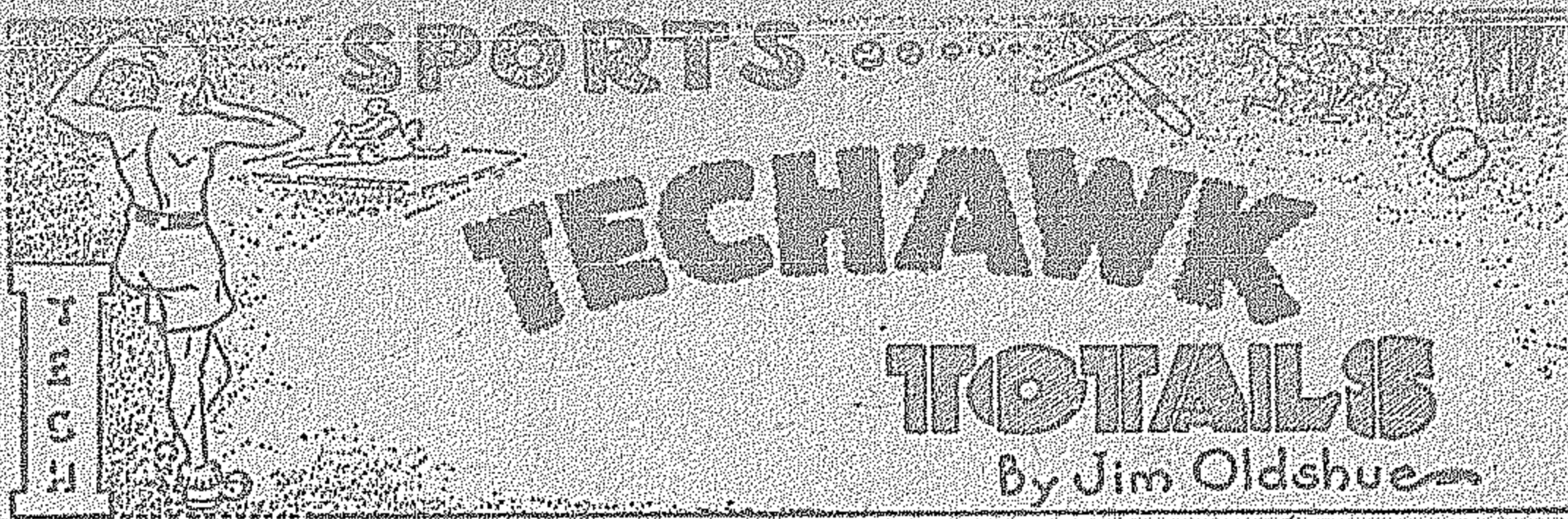
To launch the affairs of this semester, Pi Delta Epsilon met last Thursday evening.

A committee to take charge of the combined engravings of the News Bureau, the Integral, the Engineer and the Alumnus and all other campus publications was formed. This step is a long sought after need, stated Paul O. Riding, director of the News Bureau. It will enable all organizations to use the cuts of any other group. All Institute engravings are incorporated into this one morgue, he said.

An auditing committee, dance committee, and alumni membership committee were also named, according to Dick Larson, president of Pi Delta Epsilon, honorary journalism fraternity.

Walter Hendricks was named as chairman of the auditing committee; Ted Filat, the dance committee; and Cliff Oliver, the alumni membership committee.

It was also decided that meetings would be held on the second and fourth Wednesdays of every month.



Intramural football begins soon. Last year's champs, the 2A Co-ops, now called the Co-ops, have about half of their team back, enough to be a decided threat. Several practice games were played at the end of last semester. The Soph Mechs beat the Senior Mechs 7 to 6, but were trounced by a Soph Electrical outfit, 20 to 9.

This semester has seen several practice games, despite the cold weather. The Soph Mechs really are out to take the title, playing two practice games this week, swamping an assorted Senior Mech team 19 to 0 and beating the Senior Chems 14 to 0. As for some pre-season predictions, the teams to beat are the Soph Mechs, the Co-ops and the Soph Electricals.

If the tournament isn't run off soon, cold weather will really set in for good. No football game is called off on account of the weather, but when your hands are half frozen and the rest of you is in the same way, it ceases to be sport.

After seeing IIT's new gym at 34th and Emerald for the first time, every member of the Varsity basketball squad was unanimous in praising the modern equipment. Some of the unique features are electrically operated windows and a regulation softball field on the roof.

While speaking of a fieldhouse, I just received a letter from Lt. (j.g.) USN "Renny" Meyer, basketball and track coach at Illinois Tech 2 years ago, telling of how much athletics are needed in training men for the Navy, and hoping that we are still working on plans for a new fieldhouse. Illinois Tech now has a large fund accumulated for a new fieldhouse to be built on the campus.

New laurels in a new field have come to John J. Schommer, Illinois Tech's venerable director of athletics—and once again "Uncle John" has proved himself a champion.

This past week Schommer was named chairman of the state's super-highway commission climaxing a long period of service on this committee.

The immortal Senior Mech football team still rides on. Last week on Ogden Field saw a reunion of the former Senior Mechs, most of whom have graduated, to play a team of defense workers from the Dodge Plant in a touchball game.

All the old Mechs were back; Pete Zemaitis, "Midge" Goluska, "Laddie" Ladevich, George Martinek, and Al Dambros who have graduated, and Wally Gow and Jim Bell who are still in school. They were in their usual form, beating the Defense team 19 to 2. It's a good thing for the aspiring touchball teams this fall that the Mechs are gone. They were really tricky and bruising.

In sharp contrast to the small turnout for varsity basketball of about 20, 50 men showed up for the boxing and wrestling teams. This is a reversal of the usual turnouts for these teams and is hard to account for. It seems that Illinois Tech students are really tough and wiry, preferring the bruising sports of boxing and wrestling to the "gentle" sport of basketball.

## Play in Intramural Touchball Tourney to Begin This Week

11 Teams Entered in Tourney; Last Year's Champions, the Co-ops, Defend Title

The championship Co-op team, victors over a highly touted Senior Mech team in last year's Intramural Touchball finals, are one of the eleven teams which will meet their first hurdle in the fight for the current title this week.

Returning from this championship team are "Casey" Pulchalski, Dick Gilbert, "Buzz" Hillman, and Joe Rimac.

## Armour Foundation Has 2821 Visitors

A total of 2821 people have visited the Armour Research Foundation since January 18, 1943. Under the visitor control system each party must obtain a special permit to enter the various building of Foundation.

Luiz Pedrosa, representative of the Brazilian Bureau of Standards, located in Rio De Janeiro, is a recent visitor. He was here to study methods of determining coefficients of heat conductivity of insulating materials and coefficients of sound absorption, with the view to installing

In pre-season games, the Soph Mechs showed indications of a strong team by scoring 19 to 0 and 14-0 wins over the Senior Mechs #1 and the Senior Chems.

The teams entered are:

- Senior Mechs #1
- Senior Mechs #2
- Senior Mechs #3
- Senior Electricals
- Senior Chemicals
- Co-ops
- Junior Electricals
- Junior Civils
- Soph Mechs
- Soph Electricals

A schedule of this week's games can be found on the intramural bulletin board.

## Bowling Teams To Begin Games

Winners to Be Given Medals

Intramural bowling tournaments will begin this week, Cliff Oliver, intramural manager announced today.

Medals will be awarded to the five regulars and one substitute on the winning team. Awards for the highest scores or series will also be given.

All games must be bowled on a shoulder to shoulder basis in the week scheduled, said Oliver. Last season several disputes arose because teams turned in scores not attested to by their opponents.

The games, Oliver outlined, will be on a round robin basis and there will be no handicaps.

Team schedules of the ten teams, will appear in the Student Union lobby, added Oliver.

## Rho Delta Rho Gains Victory

Rho Delta Rho fraternity moved a game closer toward the football championship on Thursday as they blasted Delta Tau Delta by the score of 25 to 0.

The Rho Deltas pace was set by the leagues' outstanding passer, Louis Berkowitz. Rho Delta Rho received the ball on the kickoff and scored with three successive passes. The touchdown pass was caught by Irv Sylvan. The Deltas came back with a sparkling attack, but it bogged down when they had the ball in the Rho Deltas' territory. A second touchdown was made by Berkowitz when he intercepted a Delt pass. When the Delt failed once more to score Rho Delta Rho took the ball over and once again scored on a pass to Marv Cohn. Cohn caught the ball at mid-field and faked out the opposition to score. The last touchdown was made on an end run by Berkowitz. The extra point was made only on the last touchdown. Delta Tau Delta tried in vain to score in the closing minutes of the game. The Deltas had forced the Rho Deltas back against their goal but lost the ball on an intercepted pass as the game ended.

Rho Delta Rho is now set to take on the present champs, Alpha Sigma Phi, on Monday, November 15th. If the Alpha Sigs win, there will be a three way tie for first place consisting of Pi Kappa Phi, the Alpha Sigs, and Rho Delta Rho.

## Alpha Chi Sigma to Publish Newspaper

A chapter newspaper to be printed quarterly will be published by the local chapter of Alpha Chi Sigma, national honorary chemical fraternity, in the near future. According to decisions made at the last chapter meeting, the publication will be called "Alpha Psi Sigs", and will be temporarily edited by Milton Burkart, senior chemical.

The newspaper will keep local members as well as other chapters informed of the Alpha Psi chapter activities and also will serve as a record.

Plans for future events were made at the same meeting, and social, bowling, and membership committees were appointed. Ray Shaw, graduate student, is head of the social and membership committee, while Joseph Ziomek, also a graduate student, has charge of the bowling committee.

Another meeting is due to be held November 23, and a rushing smoker is planned for Saturday, December 4, in the Student Union lounge.

Tentative decisions have also been made to hold a dance within the next few months.

## Hedrick Leaves Arts Guild Helm

Under the new sponsorship of Edwin Cieslak, instructor of biology at Lewis, the Medical Arts Guild will begin its new semester of activities. Miss Isabelle Winter stated that under his leadership, the activities of the coming year should prove of vital interest to all students anticipating careers in medicine, dentistry, nursing, laboratory technique, or biochemistry.

Under the guidance of the old sponsor, Leslie Hedrick, associate professor of biology, a number of undertakings were completed. Field trips were taken to hospitals, medical exhibits, movies offered by professional groups, lectures, sponsorship of drives for the Red Cross Blood Bank and the National Foundation for Infantile Paralysis, as well as social functions.

Students from both campuses and of day and evening sessions who are interested in becoming members are invited to attend the first meeting on Thursday, November 18, at 4:30 in room 413 at eLewis when election of officers will be held and the program for the coming year will be planned. Additional information may be obtained from Mr. Cieslak or Shirley Evenstein.

## Schedule for Lewis Pictures Announced

The picture schedule for Lewis was announced today by Harry Beach, editor of the Integral. Pictures will be taken on Wednesday, Nov. 17.

The schedule is as follows:

Time	Organization
10:00.....	Sigma Omicron Lambda
10:15.....	Sigma Beta Theta
10:30.....	Phi Beta Pi
10:45.....	Kappa Phi Delta
11:00.....	Pan Hellenic Council
11:15.....	Home Economic Club
11:30.....	Daedalian Club
11:45.....	Zeta Beta Alpha
12:00.....	Medical Arts Guild
12:15.....	Glee Club
12:30.....	Polish Club
1:15.....	Lewis Badminton Club
1:30.....	Members of the Junior Class
2:00.....	Members of Sophomore Class
2:30.....	Members of Freshman Class
3:00.....	Faculty Members

Beach also announced that Lewis seniors must have their graduation pictures taken at Marshall Studios by Friday, Nov. 19.

## Father of Three Granted Scholarship; 26 Others Receive Awards Worth \$2530

Headed by World War I Veteran John Dame, 217 North Kolin Avenue, 27 students have been granted scholarships at Illinois Institute of Technology.

The scholarships, with an aggregate value of \$2530, were established by leading Chicago philanthropists. They will cover tuition for the second term of Illinois Tech's wartime round-the-calendar schedule which opened this week.

Dame, a navy veteran of the first World War, is the recipient of a LaVerne Noyes scholarship—a stipend which has been set aside for scholarships to men or descendants of men who served in the forces in World War I.

The father of three children, one of whom is now attending college, Dame is working toward a degree in mechanical engineering. With just a few hours to complete, he will study in Illinois Tech's evening college.

A research engineer now with Taylor Forge and Pipe Work in Cicero, Dame served in the navy hospital corps at Newport, R.I., from 1917 to 1919.

LaVerne Noyes scholarships were also granted to the following five students who are descendants of veterans: John Donovan, 5047 Eddy Street; Alan Grant, 2546 East 77th Street; Gloria Jane Klouzar, Cicero;

## Harris Teaches Mechanics 201

Michael A. Sadowsky, professor of mathematics, discontinued his mechanics 201 class last week.

The reasons, as obtained from several sources, appear to be that Professor Sadowsky is accustomed to having his class thinking along the same lines within three lectures, and has maintained this throughout his mathematics classes.

Not obtaining his objective within for days in the 201 class, Sadowsky felt that the class and himself would profit by his dropping the class.

Charles O'Harris, professor of mechanics replaced Sadowsky.

## Foundation Honored In Four Magazines

Recognition of the Armour Research Foundation has been received during the last months in four national magazines, Time, Life, Fortune and the Readers Digest.

The National Registry of Rare Chemical, the only world-wide register of chemicals, in existence, was recently described in Time magazine. Their registry was formed so that any research worker can learn where any available chemical may be obtained, and is operated by the Foundation free of charge in the interests of scientific advancement.

The wire sound recorder has been the subject of the other three of the four articles. Fortune and the Readers Digest discussed the invention, and Life devoted two full pages to it, and its postwar possibilities.

## Lounge Undergoes New Redecoration

The furniture in the lounge is now being repaired and reupholstered, stated Bernard "Sonny" Weissman to the Student Union Board of Control last week.

Because it was thought inadvisable to close the lounge entirely for a short time while having all of the furniture repaired, and thus leave many students without a place for relaxation and study, the present method is being used he said. Complete reconditioning will be finished by next month.

Weissman also asked for student cooperation in keeping the lounge clean. More waste baskets are to be provided for that purpose.

John McClow, Jr., Maywood; and Roger Veatch, Oak Park.

The other Chicagoans to receive Illinois Tech scholarships include: Albert Addie, 6140 South Mayfield Avenue; Harlan Andersen, 7720 South Green Street; George Anderson, Riverside; Patricia Collins, 4901 North Damen Avenue; Alvin B. Coyle, 7849 Eggleston Avenue;

Walter Czeropski, Jr., 3542 Beach Avenue; Burdette Douglas, Rockford; Donald Frische, 5733 Melrose Street; Isabelle Gan, 3533 Palmer Street; Martha Guesner, 1054 North Harding Street; Orville Helland, 4939 Wabansia Avenue; Joan Kaenel, 2665 Eastwood Avenue; Samuel Karlin, 3904 West 18th Street;

Lorraine Kronenberg, 3354 Wilson Avenue; Ronald Lind, 4338 South Drexel Boulevard; Glenn Marsh, 6114 Grace Street; Katherine Niemeyer, Brookfield; Marvin Nussbaum, 1251 South St. Louis Avenue; Gorman Quinn, 6880 Dorchester Avenue; Roy SahIstrom, 3236 Balmoral Avenue; and Dorothy Zietz, 1952 West Monroe Street.

The scholarships, ranging from \$50 to \$300, were established to honor the following Chicago philanthropists; B. A. Eckhart, Alfred L. Eustice, John E. Hamline, Isadore S. Prenner, B. E. Sunny, and Mrs. Catherine M. White.

## Modern Bacteria Killer Installed in Business Office

Bacteria have met their death in Illinois Tech's business office since the installation of a modern "bacteria killer" last week.

The "bacteria killer" consists of an ultra-violet lamp mounted upon the wall. As ultra-violet destroys air-borne bacteria it is hoped that the new unit will protect the business staff from colds. Last winter the efficiency of the business office was impaired by absences caused by such illnesses.

The ultraviolet bacteria killer has been used successfully in many public grade schools to stop the spread of head colds and flu. The Illinois Tech unit was installed at the suggestion of Dr. L. E. Grinter, vice president of the Institute and dean of the graduate school.

## AS I SEE IT

(Continued from Page 1)

is to see that this privilege is respected and not abused.

If a man uses the final examinations as an excuse to stop working, an instructor should have no reluctance in dealing properly with the situation. If a person will do that sort of thing now, he will undoubtedly resort to it in later life. He should either learn his lesson now, or be prevented from carrying the name of this institution with him.

Up to now it has been shown that the finals are not necessary to determine the final grade of the graduating student. Quizzes are still given until the end of the semester. If it is obvious that the man is no longer trying, or if he just doesn't bother with the quizzes, they should be given full weight in determining the grade.

Some of the graduating seniors have already been told by the head of their department that he does not want to see them around after actual instruction has ceased. He believes that their place is in industry, as soon as possible.

Finally, one of the strongest arguments in favor of not having finals is the limited time that a graduating student has near the end of the semester. He has many applications to make out, he has to determine which job to select, and finally there are many arrangements for the actual graduation itself which occupy his time. For these reasons I do not believe that the graduating seniors should now be made to take the final examinations.

JOHN SCHOMMER, director of placement, spoke last Friday to the senior class concerning the process of getting a job. During his talk Professor Schommer gave the students many hints regarding their attitude or behavior. I would like to quote liberally from his talk.

"There are two types of men. The ones that get the plaudits and the ones that do the work. On a football team it takes the cooperation of ten other men to make it possible for one to get the plaudits. In this case it takes only your cooperation to make it possible for me to help you get a job. I don't want your placement records or photos to marry you off to a widow with \$300, to send to a lonely hearts bureau, or because you're an Appollo or a pin-up boy. All I want them for is because it's necessary to have them if I'm going to be able to help you."

"There are some conventions of society that you fellows should learn instead of forgetting. When you're going in for an interview don't come over with your haircut two months overdue, needing a shave, or with the mucus running out of your nose.

"I can fight for you guys all night and all over the country. Heaven knows I've stuck my neck out enough already. They've reported me to the president at least twenty-five times already. But it's up to you fellows to conduct yourself so as to sell yourself."

## Freshman Face Meeting Crisis 30,000 Enroll At IIT in 1943

"Freshman meetings will not be held this year unless students can be excused from classes," announced Allen Dimoff, freshman class president, today.

"It will be extremely difficult to hold class meetings this semester, due to the complete programs that all the freshmen are carrying," Dimoff explained.

"When the new programs were made out a free period was neglected in the freshmen programs. At the present the only free time is at 12:30 on Fridays but one Math. class meets at that time.

## E. H. Pelowski To Teach CE 411

E. H. Pelowski, production engineer with the Howard Aircraft Co., has been obtained to teach design and layout for production, the laboratory course in Aeronautical engineering C.E. 411, it was announced last Friday.

Prof. Albert Gail will continue to teach the lecture section, which consists of two hours per week. The laboratory course requires three hours each week. Both were originally to be taught by Dr. Hans Reissner.

The action necessitated by Dr. Reissner's departure to act as a consultant in developing new aircraft propeller designs for the Curtiss-Wright Propeller Division in New Jersey.

## Graduate House Found on Drexel

The long lost graduate house has been found.

The house located at 4170 Drexel Ave. is the temporary quarters for graduate students. Due to the limited living space the men staying there at present consist mainly of the graduates working at the Gas Institute with several other graduate students filling in vacancies.

"All the equipment that was in the graduate house which was the property of the Graduate Club has been stored in a vault for the duration" stated John G. Volakakis, president of the Graduate Club. This equipment, it was explained, is used for social affairs.

## ITSA MEMBER

(Continued from page 1)

in this election were born in foreign countries. Viola Sievers, a home economics major, was born in Kiel, Germany, while Charles Conforti, a chemistry major, was born in Italy.

Miss Sievers is also the vice-president of the Home Economics Club and a member of Sigma Omicron Lambda Sorority. Lorraine Kronenberg, is majoring in political and social sciences and is a member of Phi Beta Pi sorority.

## Graduates to Meet Friday

The Graduate Club will hold its next meeting Friday, Nov. 26, at 5:30 in 220 Chapin. President John G. Volakakis urges all members to attend.



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## Rho Epsilon Plans Code Class; Black

Plans for a code class sponsored by Rho Epsilon are now being formulated, Ken Black, Rho Epsilon president, has announced.

The final decision on organizing the class rests with the ITSA board. Funds must be secured from the board to obtain an instructor for the class.

A definite decision concerning the code class will be revealed in the near future, Black stated.

## Positions Still Available As Students Assistants

Jobs are still available on the south campus in spite of the increase of applicants over last year. Raymond J. Spaeth, business manager of the Institute revealed today.

These positions consist of various tasks about the campus, ranging from grading and quiz papers to clerking in the school bookstore. The usual student assistant wage of 50 cents an hour is paid but no one may earn more than \$60 in one term. The recipient of one of these positions may apply his earnings to his bill or may receive his wages in cash. Applications should be filed with Mr. Spaeth in his office, room 208M.

## SIX No Major Changes Made at Curriculum Committee Meeting

Plans Call for No Change in Physics Report Form; Better Reports to be Called for From Freshmen

Laboratory reports and extra-curricular activities formed a major part of the discussion at the recent curriculum meeting, Dean James C. Peebles made known Friday. No major changes were made in the curriculum, however, he stated.

The committee recommended that each department attempt to apportion the laboratory work so that a total number of actual hours per week per student in the course does not exceed three times the number of credit hours. Each department has been asked to reconsider their courses in that light, but the final decision will remain within the departments themselves, Peebles stated.

Physics reports were included in the above directive, but will not be altered according to the present plans. Freshmen physics students will be required to write reports more like those of the sophomores since they are receiving credit on the same basis.

## Four Added to Lewis Faculty

The opening of the new semester was marked by four replacements on the Lewis faculty, announced acting Dean Walker today.

Samuel F. Bibb, associate professor of mathematics at Armour, has replaced Robert Marks, who had been a member of the faculty at Lewis for the past 22 years. Mr. Marks left for Ontario, California at the close of the last semester to teach an ASTP unit there.

John H. Smale, professor of philosophy, has left Lewis to take a position as personnel director in a war industry. His place is being taken by S. I. Hayakawa, assistant professor of English, who has been on the south campus.

Erwin C. Paustian, assistant professor of sociology, has left Lewis to be replaced by a newcomer, L. E. Dexter.

Another newcomer to Lewis is P. O'Reilly, who has joined the language department this semester replacing Fredrick K. Richter, assistant professor in German.

## Architecture Faculty And Enrollment Fall Off

The architecture department at IIT has shrunk considerably, due probably to the emphasis which the war has placed on other fields of engineering.

Only 40 are enrolled in the curriculum at present, and there are but four faculty members. Three of the professors who taught here two terms ago have left the department.

George Danforth now teaches V-12 students at George Williams, while Walter Peterhans and Alfred Mell have joined the mathematics and technical drawing departments here, respectively.

"It is the opinion of the committee that extra-curricular activities are a definite part of the student's education, and should be encouraged and extended in many cases," Dean Peebles said in answer to the rumor that attempts were being made to curtail activities.

"It was felt by many of the instructors that many of the students were allowing their outside activities to seriously interfere with their academic work. However, the solution is not to abolish the activities, but to institute some kind of point system that would limit the over-active student to a reasonable program. We would also like to see the many students who take no part in the Institute's activities to show an interest.

"In short," the dean stated, "we would like the student to be able to say that he got something from Illinois Tech that he didn't get from books."

Descriptive geometry has been made a six-hour per week course, as a laboratory section has been added to the former three hour course.

An hour has also been added to the Technical Drawing course.

## Records Reveal Faculty Amasses Total Of Twenty Centuries Service to IIT

By Jacob Dumelle

The faculty has amassed over twenty centuries of service to the school, a study of their records reveals.

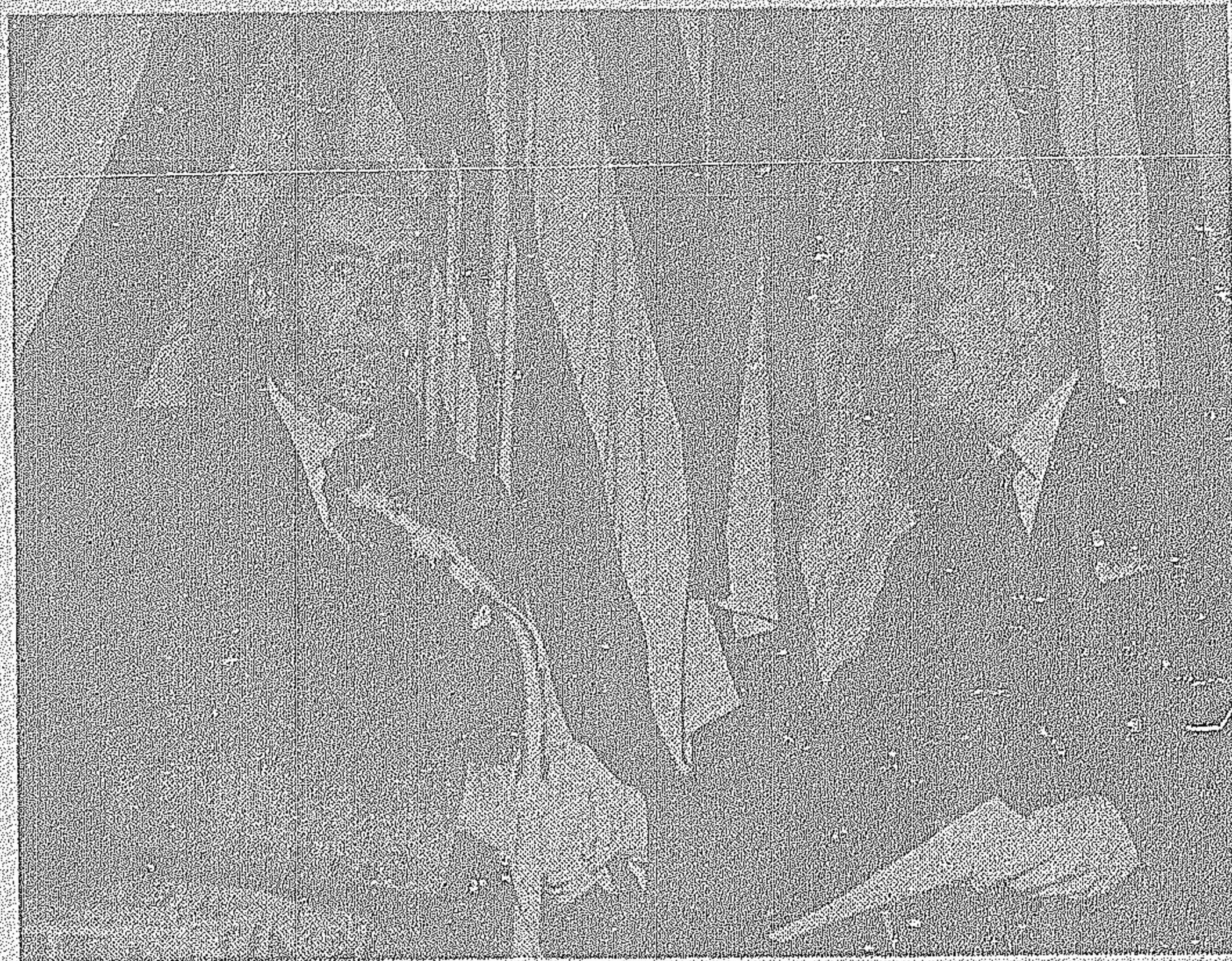
A total of 392 degrees have been earned or awarded to the 188 men and women who make up the teaching staff of the Institute. This is an average of 2.15 degrees per person.

Addressing a faculty member as "Doctor" would result in being correct about half of the time. The tabulation reveals that 88 persons on the campus have earned the right to that title.

A total of 2,049 years of service have been amassed by the entire faculty, an average of 11.2 years each.

Longest on the staff from the point of service is Dean Fred A. Rogers, Dean of Engineering emeritus of Lewis Institute and now Director of the Engineering, Science and Management War Training program. Dean Rogers was appointed an officer of instruction in 1896 and will shortly complete 47 years of service with the Institute.

## IIT Receives Alumni Endowment



KENT H. PARKER PRESENTS fund to President Henry T. Heald during Alumni banquet at the LaSalle Hotel.

## \$40,824 Endowment Given To IIT by Alumni Association

Parker Presents '43 Fund To Heald at Meeting; Von Gehr Re-elected President; Seversky Speaks

A \$40,824.05 addition to the living endowment program of Illinois Tech was given to the Institute by the Illinois Tech Alumni Association last Tuesday evening.

The endowment represents the result of the 1943 Illinois Tech Alumni Fund, and was presented to President Henry T. Heald by Kent H. Parker, chairman of the fund. The presentation was made at the annual Illinois Tech Alumni meeting held in the Grand Ballroom of the La Salle Hotel.

This year's and last year's gifts are each the equivalent of an endowment of more than a million dollars at four per cent interest, and will be earmarked for the Illinois Tech Development Program. At the meeting Parker gave a list of the 422 workers and chairmen of the fund and the 2,421 contributors.

Following the presentation, the Alumni Association Officers were elected. George H. Von Gehr EE '28 was re-elected president of the association for 1943-44, and Sidney B. Westby, EE '28, new vice-president.

Miss Mollie Cohen, AS '42, was elected as secretary-treasurer, and Kent H. Parker, FPE '28 will represent the college of engineering on the board of directors.

One of the highlights of the evening was an address by Major Alexander de Seversky, author of "Victory Through Air Power." Major Seversky concluded the program with a discussion on air power and its applications. He stated that the navy should build planes of a longer range and place less accent on aircraft carriers.

## Second Term Starting For 300 ASTP Students

The second term of college work began for about 300 IIT ASTP men last week. In addition, there are 185 new men who have come here from various camps to replace those who failed to make the grade last term.

Of the latter, some have been sent back to their original units. Those who were taking the refresher course have been transferred to De Paul University to begin their first regular term.

Those men who failed a course other than physics or math have been put on a probation list which was posted recently. If they do not improve in their respective subjects will be transferred back to active duty within a few weeks.

## Contest Spurs Blood Drive

### Army, Navy, Civilian Competition to be Held

Competition between the army, navy and civilian students will be a feature of the Red Cross blood donation drive, stated Harry Gillespie, chairman of the War Council, at a meeting of all class officers last Wednesday.

Three large thermometers showing the percentage of army, navy and civilian subscriptions to the drive are to be placed in the lobby of the Student Union and will keep the groups informed of their progress, he said.

The army and navy officers have given approval to the participation of those groups, he claimed. With their aid, and the aid of Lewis students, from 800 to 1000 are expected to offer their blood. It was stressed that the faculty is expected to take an active part in the drive.

Since physicians and nurses will be on hand to determine whether a person's health will be affected by a donation, very few reasons can be advanced for not signing up, said Gillespie. The Mobile Unit will be here from November 30 until and including December 3 and will give the students an opportunity to choose a time most convenient to them.

Pledge cards may be secured from any class officer or in Dean Tibbal's office, 206 Chapin, on the south campus and in the information office on the west campus, according to his statements.

## 60 of 77 Freshmen Hail From Chicago; 63 Choose ME, EE

Sixty of the seventy-seven new freshmen were born in Chicago, a survey of freshmen records reveal.

Joe Ping Sing of Kwongting, China and Johnny Arima of Rivers, Arizona are two of the students who have come a long way from their birth place.

Others who are not natives of "Chicago and vicinity" are Leo Seiverts, of Nuremberg, Germany and Fred Freitler of the city of Dortmund, Westfalen, Germany. Melcher Serra, freshman from Buenos Aires, Argentina, attended the University of Buenos Aires.

Mechanical engineering is by far the most popular profession among the freshmen, since forty-two of them are following this curriculum. Electrical engineering is second, with twenty-one students enrolled.

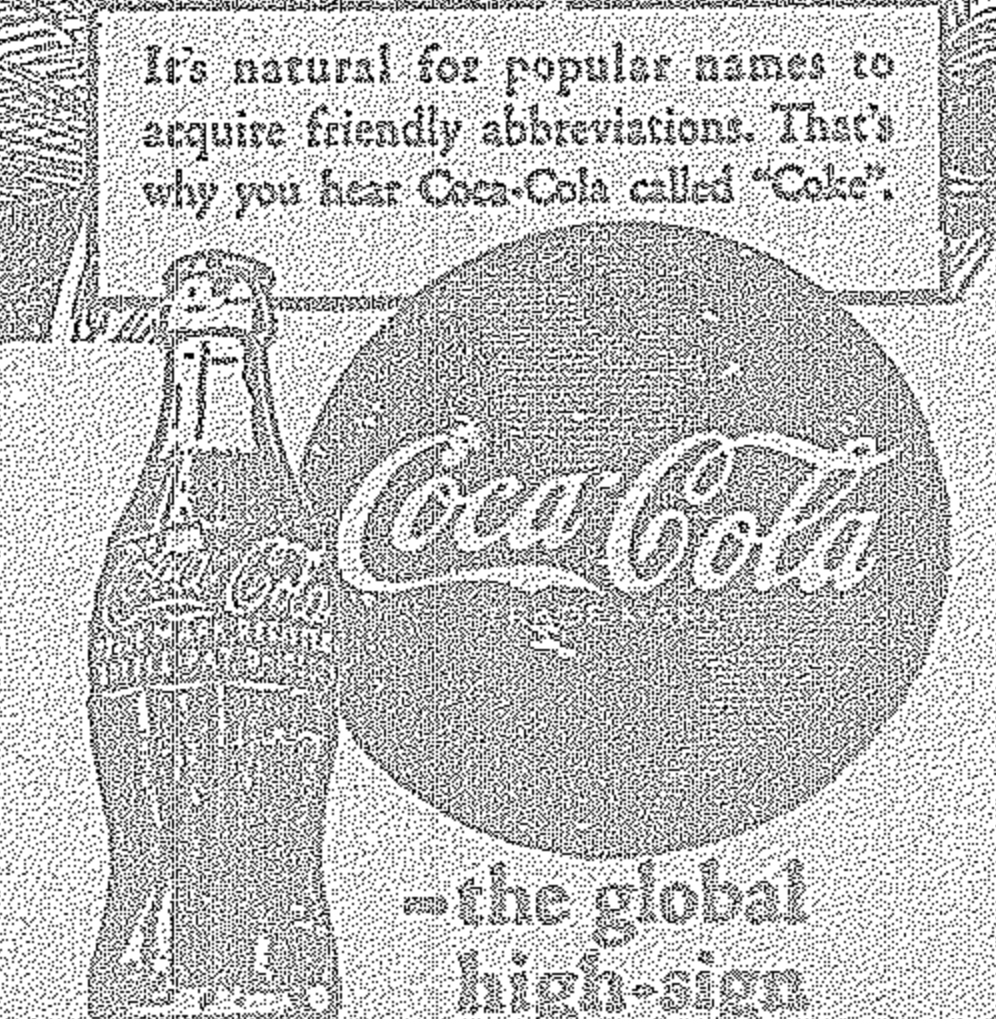
## Have a Coca-Cola = Welcome, Short-Snorter



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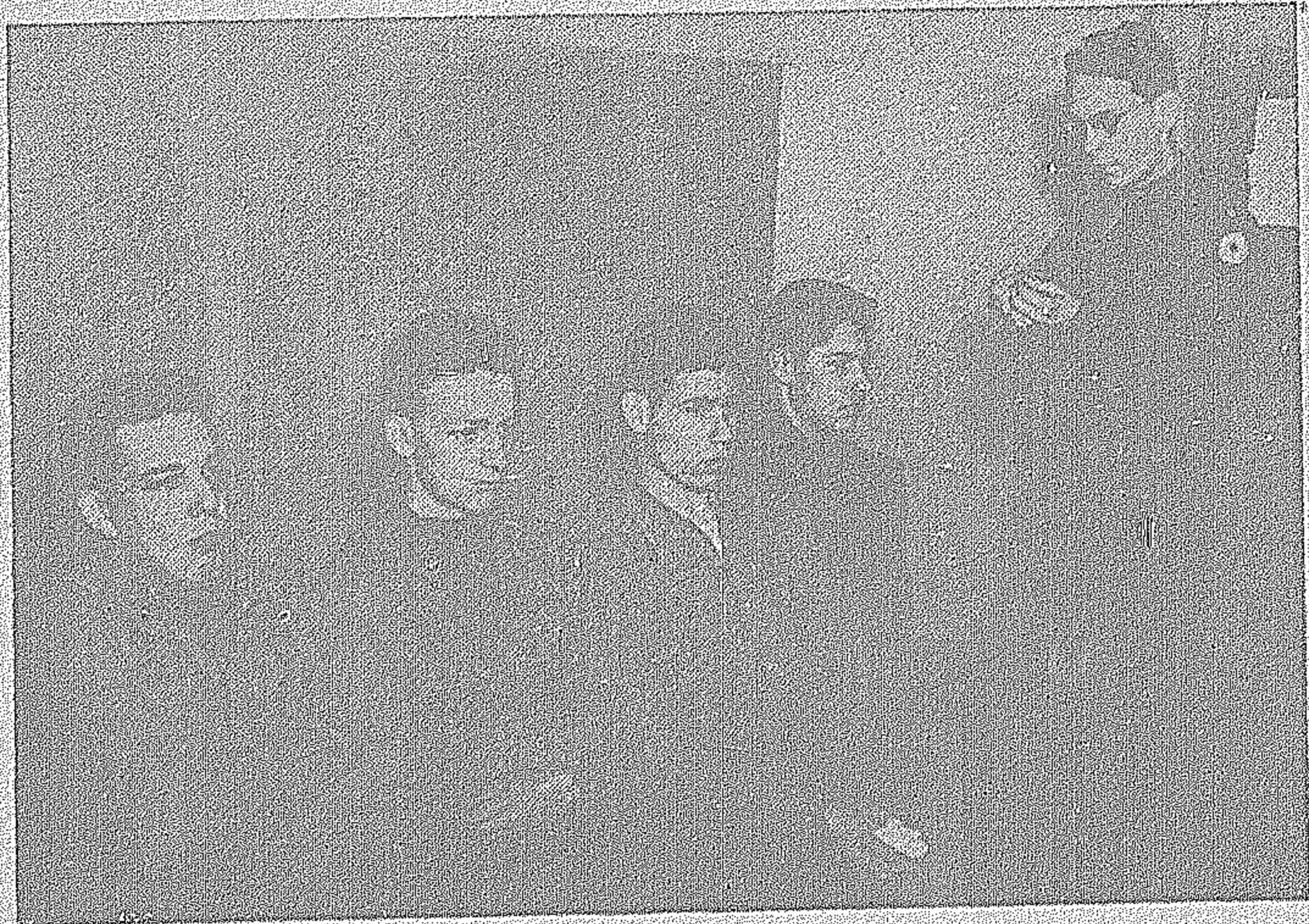
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# Phenorten Contest to End November 25

## Most Modern Care for Army, Navy



THE MOST MODERN care possible is being given to these students in the navy dispensary.

## The Best of Modern Medical Treatment Available to Army and Navy Students

The best of modern medical treatment is available to army and navy trainees studying at Illinois Tech, authorities visiting the campus have stated.

Under Lieutenant-Commander J. W. Sours there are three dispensaries, two on the campus and one at George Williams College.

The main dispensary, in the Student Union, handles the military cases at Armour. At George Williams there is a similar type unit for navy men.

All cases requiring confinement, but not hospitalization, are sent to a sick-bay in Quarters No. 2.

To insure constant trained medical service there is a navy corpsman on duty during the hours that the dispensary is closed, said Sours.

According to lists made, 75 to 100 cases a day, including athlete's foot, are brought to the dispensary.

Since July, thirty-eight men have been sent to the sick-bay or to the hospital. Of the latter, the most

common cause has been appendicitis operations. One navy man, sent to the hospital last August 16th, is still under confinement.

Despite the serious atmosphere around the dispensaries, a good deal of humour manages to show itself. The other morning, an army student, presented himself before George Fyffe (Pharm. Mate, 2nd Cl.) and 'casually asked for some "sulfavammillamide". Just as casually, Fyffe replied that they were out of vanilla but had plenty of chocolate and strawberry.

## 4 World War II Veterans Enter V-12 Here; 91 New Navy Men Arrive at IIT

Two sailors who weathered the attack on Pearl Harbor plus two other sea veterans of World War II are among the 91 new navy men who arrived at Illinois Institute of Technology two weeks ago for engineering training, it was announced today by Lt. Wayne A. Hamilton, commander of the unit.

The 91 new navy students bring the total number in Illinois Tech's Navy V-12 unit to approximately 700. All are studying engineering. The new apprentice seamen will enroll in the winter term of Illinois Tech's round-the-calendar wartime schedule, which has already begun, along with the more than 600 navy men who have been studying at the Institute since July 6.

The veterans of Pearl Harbor, now stationed at Illinois Tech, are Henry Camp of Sandusky, O., and Dovard Jackson of Fall River, Mass. The other World War II vets include Robert Aspinall, Milford, Mich., and Raymond Stapleton, Caro, Mich.

To enroll in the navy V-12 program at Illinois Tech, all four veterans must give up any rank they hold, as all navy V-12 students are ranked as apprentice seamen. Majority of the new apprentice seamen at Illinois Tech are recent high school graduates or college students who have won a place in the program through qualifying examinations.

Camp, the veteran of longest standing, served two years and ten months in the navy as a machinists

## Musical Clubs Plan 5 Outside Performances

### 3 Rockford Concerts, Christmas, Goodman Programs to Be Given

Five outside performances will comprise the program of the Musical Clubs this term, it was announced today by Director O. Gordon Erickson.

These include concerts at the Woodward plant, Nelson Hotel, and Rotary Club all in Rockford, a Christmas program and the annual Goodman Theatre concert.

At Rockford the bands will play for the 1500 employees of the Woodward plant and later dance with girls from the Rockford College.

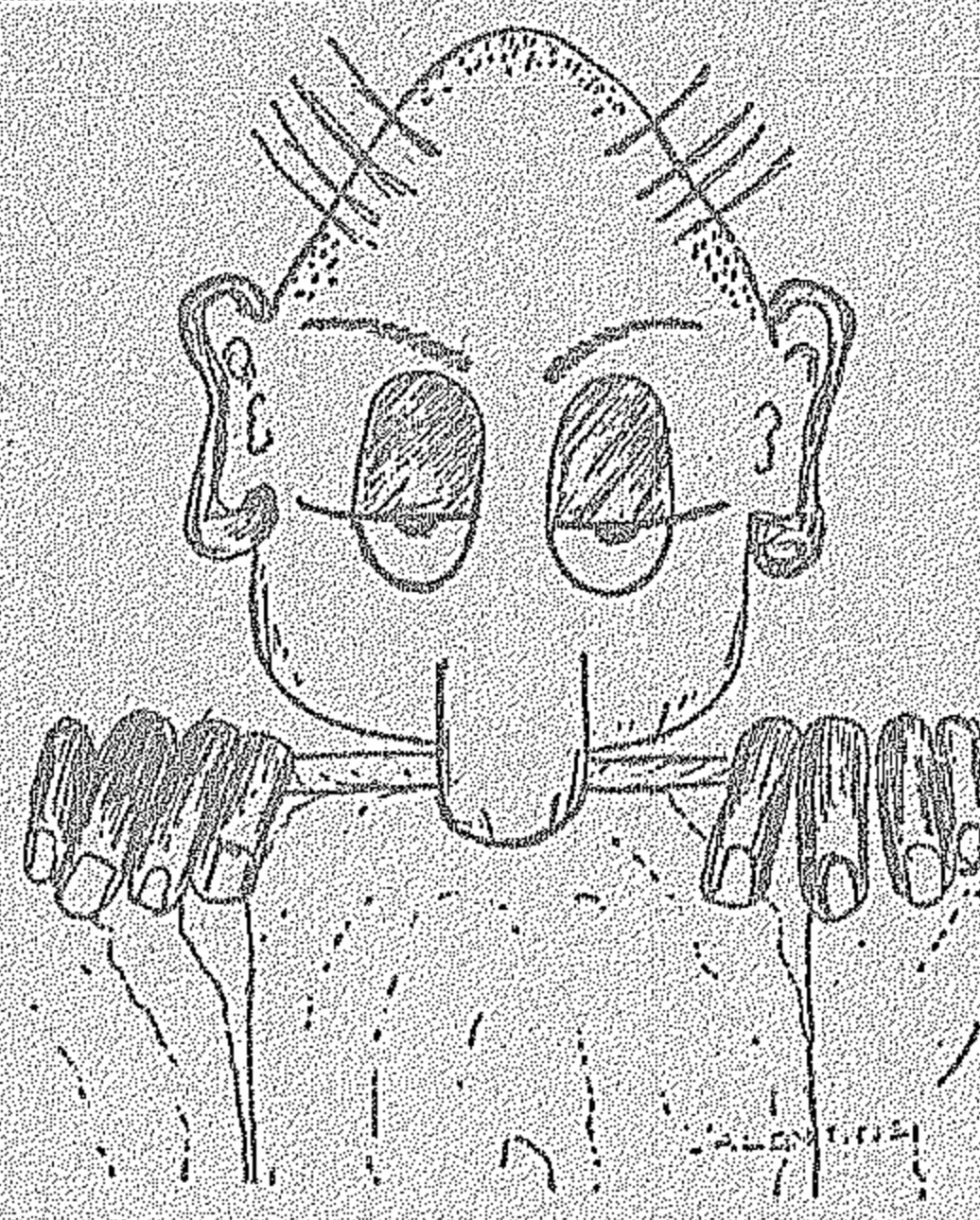
The feature event of the Christmas program will be a trombone choir playing the "Luther-Bach Chorale".

One hundred and fifty army, navy, and civilian singers will climax the clubs' contribution to the Goodman Theatre concert.

## Dean Clarke Continues Indefinite Sick Leave

Clarence L. Clarke, Dean of Lewis, has been absent for the past four weeks, because of illness. During his absence Ernest T. Walker, assistant professor of education, has been acting dean.

Dean Clarke's leave of absence will continue indefinitely.



## ASTP Participates In Suggestion Drive

Soldiers of the IIT ASTP unit are taking an active part in the suggestion campaign now in progress under the sponsorship of the Sixth Service Command.

Last Tuesday evening Captain Yorksburg, of the Sixth Service Command, explained to the trainees the set-up of the drive, and emphasized its importance. A large number of posters in the Armory now serve to keep the soldiers reminded of it.

The project is an enterprise designed to furnish the army with ideas that will save time, money, material, and manpower, for these four things are essential for victory, said Captain Yorksburg.

Army officers will be rewarded by promotions, enlisted men will be advanced as noncoms, and civilians will receive war bonds for worthwhile ideas. Medals will be awarded for exceptional suggestions.

The campaign will end November 20.

The suggestion drive is on in army camps throughout the country and has already brought in many good ideas, according to recent army reports. Most camps have been swamped with suggestions.

## Kepner Explains Delay In Civilian Grade Cards

The final grades for last semester will not be mailed for a week or ten days, Dr. Kepner, registrar, revealed today.

The reason for this, according to Dr. Kepner, is that the army and navy grades must be tabulated first and that several rather complicated forms must be filled out before the mailing of the grades to the students.

## I Am Author Of Phenorten Says Valentine

### Originally Came From MIT or "Popeye Goon," Claim Other Students

Technology News' phenorten contest has been extended for one more week, it was announced today.

Reason for the change is the large amount of interest aroused by the contest. Entries will be accepted until noon of Thursday, Nov. 25. The results will appear in the Nov. 29 issue of *Technology News*.

Of almost as much interest to many an IIT phenorten fan is the history of the phenorten. Many rumors are to be found on the campus as to just what is the origin of this strange species.

One such story has it that the phenorten came originally from the MIT campus. Other people hold that it is a take-off on some of the goon-like characters to be found in the comic strip, "Pop-eye."

However, diligent research by *Technology News* has disclosed the fact that phenorten may have been originated by an IIT student, John J. Valentine, senior chemical engineer, claims that the phenorten first came into being when John was a senior at Tilden Tech.

An amateur cartoonist, Valentine makes a practice of illustrating his class notes with various and diverse kinds of sketches. It seems that while occupying himself in this way, he dreamed up the phenorten.

How or where the name came from he is not sure, but feels that, like Topsy, it "just grew." To prove his claim to the title

of phenorten originator, Valentine has textbooks and notes from his freshman year here, in which phenortens can be found peeking over their board fences.

John has kindly allowed *Technology News* to reproduce here the phenorten as he originally drew it. As can be seen, this original phenorten differs considerably from present types. The latter seem to be degenerated varieties of the true phenorten.

The "basic phenorten," which is illustrated here, is to be found on the wall above the blackboard in 202 Main. It is termed basic because the majority of the modern phenortens seem to be derived from it.

## Announce Sigma Xi To Convene Dec. 3, 4

Sigma Xi, honorary scientific fraternity, will hold its annual national convention in Chicago on Dec. 3 and 4. Dr. Paul L. Copeland, professor of physics, and president of the IIT chapter, announced today.

Rufus Oldenberger, professor of mathematics at IIT, and former president of the local chapter, is chairman of the local committee for the convention. Working with him on arrangements for the convention are representatives of the other three Sigma Xi chapters in the city. These are at the University of Chicago, Northwestern, and the University of Illinois Medical school.

Highlight of the convention will be a dinner meeting at the Shoreland Hotel, Friday, Dec. 3. This will at the same time constitute the annual dinner meeting of IIT's chapter.

At 8:30, following the dinner, Prof. Harlowe Shapley, director of the Harvard observatories, will speak on "Star Clusters and the Dimensions of the Galaxies". Guests will be welcome at the lecture, which will be held at Mandel Hall on the U. of C. campus.

The Harvard observatories are scattered all over the world, including South Africa and South America. Professor Shapley, who is one of the country's foremost astronomers, according to Dr. Copeland, is in charge of all of these.

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## EIGHT Sunny Leaves \$125,000 for Scholarships

One-fourth of Estate Used for Endowment; Trustee for 40 Years

A \$125,000 scholarship fund has been founded by the late Bernard E. Sunny, it was announced today by Henry T. Heald, president of IIT.

In his will, Sunny left one-fourth of his estate, valued at \$500,000, to Illinois Tech in the form of a scholarship fund. The endowment will be left in trust during the life of his wife. Final evaluation of the estate has not been made as yet, and the above figures thus remain the estimate of the trustees of the estate.

Sunny became interested in Armour Institute at its founding and made many donations to it. He established the Sunny scholarship in 1909. He was a trustee of Armour and then of IIT until the time of his death last month.

Known as the father of telephone service in Chicago, he started his career as a messenger for the Atlantic and Pacific Telegraph Co. He rose to president of the old Chicago Telephone Co. and later to the same position on Illinois Bell Telephone

### Tech Time Table

- Monday, Nov. 15
  - 7:00 p.m.—SCMP—Lounge
- Wednesday, Nov. 17
  - 5:30 p.m.—Dance Club—Lounge
  - ASSC—East Dining Room
- Thursday, Nov. 18
  - 2:30 p.m.—Freshman Officers—Lounge
  - 4:30 p.m.—Medical Arts Guild—Lewis—Room 413
- Friday, Nov. 19
  - 11:30 a.m.—ASCE—220 Chapin Junior Class—202M



Some fellows like BLONDES,  
Some others BRUNETTES,  
But a REDHEAD's the choice for me.  
For billin' and cooin'  
And all around woin',  
A REDHEAD's the BEST of the three.

"Here is where I take some salts," said the cannibal as he watched two sailors swimming for the shore.

Gob: "Son, kid me if you want to, but ten minutes after we hit port, I'll be strolling down the street with a beautiful woman on each arm."

Marine: "Yeah? There never was a tatoo artist who could work that fast!"

A draftee, recently rejected, stated that the draft board made a new classification after examining him—5B; for Baldness, Bifocals, Bridgework, Bay window, and Bunions.

A girl with a beautiful carriage naturally goes places.

Private Buck: "Have you ever wondered what you would do with Rockefeller's income?"

Private Bill: "No, but I've often wondered what Rockefeller would do if he had mine."

The Seven Ages of Women: The infant, the little girl, the miss, the young woman, the young woman, the young woman and the young woman.

Navy Sentry: "Halt, who goes there?"  
Gob: "Aw, you wouldn't know me, I just got here yesterday."

Woman begins by resisting man's advances and ends by blocking his retreat.

Two salesmen were chatting together in a Pullman. "So you met your wife at a dance," exclaimed one. "How romantic!"

"No, embarrassing," replied the other. "I thought she was home taking care of the kids."

The millionaire's son was a spoiled brat, and soon after he was drafted, his mother wrote him as follows:

"...I hope, dear, that you get up when you are called. Remember, it isn't very nice to make the regiment keep breakfast for you."

Matrimony isn't a word; it's a sentence.

P.S.: I am.

### Pi Kappa Phi Elects H. Anderson Archon

Harry Anderson was elected archon of the Pi Kappa Phi fraternity at a meeting Thursday.

Also elected were Henry Dirksen, treasurer; Thomas Ruck, secretary; Berton Legg, historian; Leonard Klarich, chaplain; and William Pottinger, warden.

A dance is planned for Nov. 20, at the Atlas Club, 4936 Ellis Avenue.

### Lind New President Of Alpha Sigma Phi

Ronald Lind was elected president of Alpha Sigma Phi fraternity at a meeting last Wednesday.

Also named were Bert Peterson, vice-president; Clyde Wayne, treasurer; Robert Thomas Paulson, custodian; Norman Schmitz, receiving secretary; Lloyd Johnson, corresponding secretary; and Donald Price, pledge manager.

### Pi Kappa Phi Pledges Seven New Members

Pi Kappa Phi announced the pledging of seven men. These are the brothers Leo and Norbert Polivka, Clarence Weeks, Allan Dimoff, Ramon Olson, Roy Churan and Jerold Wingert.

In addition, Anderson stated that a meeting for actives will be held Monday and a pledge meeting on Wednesday.

## \$100,000 Given Foundation for New Project

### Chemical Reactions at Ultra High Pressures To Be Studied Here

An underwriting of \$100,000 has been given the Armour Research Foundation by the Office of Production Research and Development. The fund is to meet expenses entailed in a new fundamental research project which involves chemical reactions under extremely high temperatures and pressures amounting to one and one-half million pounds per square inch.

Heading this project is Dr. Thomas C. Poulter, Senior Scientific Director of the Foundation. As Technical Assistant to the Secretary of Navy, Dr. Poulter holds a commission as Lt. Commander in the Navy.

He was scientific director of the last Antarctic Expedition led by Admiral Byrd, and was instrumental in the design of the snow cruiser which was built here by the Foundation.

The development of such extremely high hydrostatic pressure is an accomplishment of Dr. Poulter, who, until recently, held the world's record for such work. The pressure beneath a block of limestone 200 miles high is said to be comparable to these high pressures. Water and alcohol forced into glass under these conditions causes the glass to explode when the pressure is released.

In testing lubricating oils at the Foundation, a pressure of only 200,000 pounds per square inch, about one-eighth of those attained by Dr. Poulter, is used. The volume of the oil is decreased by one-third and the viscosity is similar to copper. Oil leaks developed during the experiment have cut through copper tubing.

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