

By DICK LARSON

JUST AS THERE are handbooks relating to most of the branches of engineering and science, there are handbooks published to tell all about writing, running, publishing, and reading a newspaper.

A lot of folks think handbooks are as essential in these fields as a ride on the elevator is to a freshman; that they are the panacea for every problem.

Well, I found a handbook on editing a newspaper, and it listed five duties of a newspaper. Let's see what they are.

First, a newspaper is expected to bring to the reader every event which the reader cannot attend. Maybe he was buried in a lab somewhere when the game was played, or maybe he just should have been buried somewhere, but he still wants to know what happened.

Second, problems and questions that arise during the course of events are also expected to be clarified or explained through the newspaper.

The third duty, which arises from the necessity of the second, is to present both sides of every story. But there are two ways of telling both sides—your way and the other fellow's way—both must be discarded.

Then there is doing the job that no one else has either the initiative or the courage to start. The newspaper should have enough of both to see that someone stubs his toe with enough force to roll his sleeves up.

But the most essential duty of all, is to investigate thoroughly every story before it is published. This is essential if the editor plans on rending the air with peaceful snores when the lights go out at night.

Probably, an even harder duty, however, and one which the handbook doesn't even cover, is to remember to remember the duties.

WE've got 'em all written down so we won't forget 'em.

IT OCCURS TO ME that the reason the recent brawls have gotten to the point where tempers are flaring with such violence that caution is thrown to the winds, is that those who are supposed to have (See as I on Page 2)

the new TECHNOLOGY NEWS

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ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILL

April 19, 1943

IIT Democracy Failing, Survey Shows

IIT Acquires Its Eighth Campus

Expansion Is Necessary As War Training Grows

Illinois Institute of Technology has just acquired its "seventh and eighth" campuses." Illinois Tech is now conducting classes at the Chicago Lighting Institute's new quarters, and at the John Marshall Law School.

War training classes are being held at both locations. An illumination course is meeting at the former, while ten war courses are held at the latter.

Mushroom growth of war training at Illinois Tech is largely responsible for the extension of its "campuses."

When war training first began at Illinois Tech, classes were simply held on the two regular campuses of the school. And there was a third campus, even from the start, for Illinois Tech's department of architecture meets at the Art Institute at Michigan and Adams.

As men and women continued to pour into Illinois Tech for war training, they outgrew the original campuses, already well occupied with the activities of the regular college.

To train radio code men for the Signal Corps, Illinois Tech leased classroom and dormitory space at the Northern Illinois College of Optometry.

An explosives safety school, which is administered through cooperation of Illinois Tech and the Safety and Security Branch, Office of Chief of Ordnance, was set up next. Rooms for this training program which supplies experts for the nation's more than 600 munitions (See CAMPUS on Page 3)

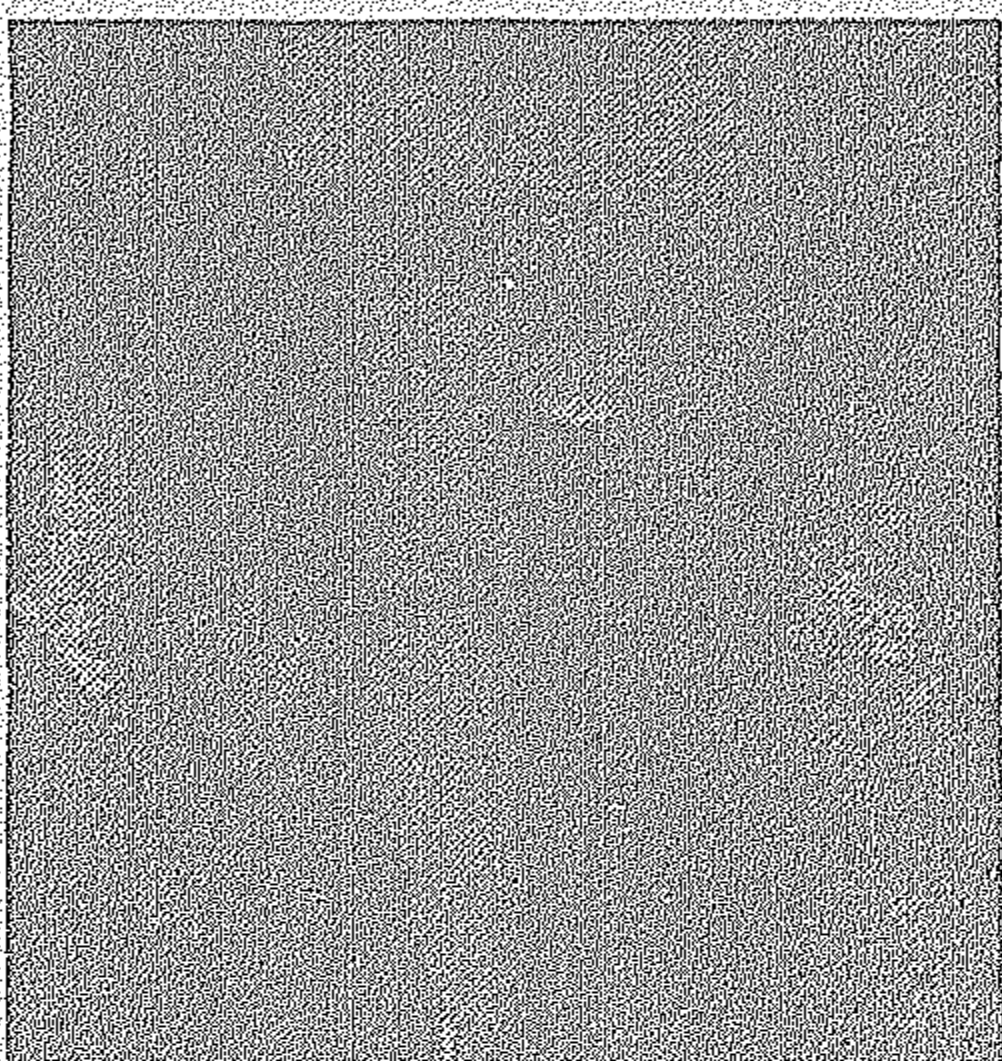
Music in Cafeteria to Be Given Week's Trial to Settle Topic

Culminating a project inaugurated by Hugh Story and fostered by TECHNOLOGY NEWS for the past year, music poured from the speakers in the Armour cafeteria at exactly noon today.

The music today is from a frequency modulation radio set. Similar music will be heard every noon hour this week, as the plan has been placed on a trial basis for this week.

A definite stand on the matter, which has been a subject of much discussion and controversy throughout the year, was finally taken by the ITSA at the meeting last Tuesday.

Hear First Music



Milt Burkart, Bob King and Chuck Rowbotham eagerly listening to F-M music coming from speakers in the cafeteria.

V-1 Tests to Be Held Tuesday

Naval reservists of the V-1 class, who are now or will be juniors by the end of the semester, are to take an examination Tuesday, April 20, in 305 Main to determine whether they are eligible to enter the V-12 classification.

Ten Officers Not Elected

Only 3 of 8 on ITSA Elected by Students

Only three of eight student members of the ITSA and one of five officers of the sophomore class have been elected by the students, a survey today revealed.

The other five ITSA members and four sophomore officers have received "emergency appointments" to gain their offices. The survey also revealed that a freshman officer is among those serving under an "emergency appointment."

Following an investigation by TECHNOLOGY NEWS it was discovered that these "temporary" positions have been held for almost five months.

The list of officers concerned includes the following:

ITSA representatives:

Earl Mills, the first vice-president, is a junior chem engineer and also a member of the Honor board.

Harry Gillespie, the secretary, is a junior mechanical engineer with aeronautical option.

Ray Tubergen, junior fire protect, is a junior class representative.

Eileen Robinson, representing Lewis on the Board, is an arts and sciences student.

Ronald Ailara is the freshman representative.

Sophomore class officers:

Bissell Smith, functioning as vice-president of his class, is a second year mechanical.

Lawrence Cernauskas, acting treasurer, is a science student.

Lew Rowe acted as student union representative until the Army called him to the colors a few weeks ago.

Richard Michalek, acting so- (See SURVEY on Page 8)

Tech News Takes Steps Toward Better Paper

Small Crime Wave Hits Armour Campus

If the ever-growing list of lost and found items on the bulletin board is any evidence, a small-time crime wave is striking the Armour campus.

Latest victim of what appears to be petty thievery is Anthony Glowacki.

His wallet along with an open lock disappeared from his locker in the Armour gymnasium. That wallet has been added to a list of items that has been ever expanding and includes everything from slide rules to overcoats.

Glowacki says that he blames only himself for having left his locker open, but points out that the wallet is valueless to the person who took it.

Besides nine cents cash, the only assets consisted of one share of stock in the Co-op Bookstore and a chemistry breakage card. Since both of these are registered, they cannot be converted into cash. Also contained in the wallet were personal papers and a draft identification card; these articles of no (See CRIME on Page 2)

Page Gets First FPE Deferment; Schommer Thinks Act Sets Policy

Having won his first draft appeal for a fire protection engineering student this week, Professor John J. Schommer believes that he has established a precedent that may well serve for all the fire protects in school.

Mr. Schommer said in an interview: "Among the critical occupations listed in Occupational Bulletin No. 33-6 was 'Safety Engineering.' It was thought all along that our fire protects could not qualify under the strict interpretation of 'Safety Engineer.' I then investigated libraries and enlisted the services of the National Safety Council in a search of what constitutes a 'safety engineer'. After much hunting we found that no college in the United States gives a course leading to a degree in safety engineering.

"The University of Alabama has a course entitled 'Public Health and Safety Engineering' in which one course in the third year covers industrial safety. There is absolutely NOTHING said about the pre-

vention, the most important industrial safeguard.

"After all," said Prof. Schommer, "if a civil engineer who safeguards the water supply of a plant, and an industrial engineer who puts guards on machinery are considered safety engineers, then a fire protect who guards the entire plant from damage is even more so. On the Safety and Security Branch of the U. S. Ordnance Department where eight hundred war plants are guarded from loss of fire, IIT fire protection engineers are at a premium. They are considered the best engineers for this type of work in the country. Basing our arguments upon these facts, there is no reason to assume that deferments cannot be obtained for all fire protects at Illinois Tech."

Ken Page, Junior Fireman was deferred recently through the efforts of Professor Schommer.

In regard to the status quo of engineering students under the revised draft regulations, Professor Schommer stated that there is no reason to get jittery since the revision does not affect the engineering students in any way.

Monday Issue Is Step in New Plan

By BILL BURKHART

Something new has been added to Technology News.

The something new is Paul O. Ridings, recently adopted coach.

An extensive reorganization is being undertaken, and today's issue is the first product of the "new order."

The new program, as planned by the managing board of the paper and Ridings, was announced at a meeting of the staff last Tuesday. The purpose of the new program is to produce a better newspaper in a shorter time.

Hereafter, TECHNOLOGY NEWS will be available at the IIT campuses by Monday noon, and there will be enough copies of the paper to supply everyone. Furthermore, complete results of any Saturday sporting event will be carried in each Monday's issue.

Starting with the methods of news collection, the newspaper will be modeled more closely on the pattern of an efficient metropolitan daily. Each reporter has been assigned to a regular beat, and will report any news occurring along his beat. The former system of individual (See TECH NEWS on Page 5)

Lewis to Sing On April 30

Lewis will hold an all-school sing April 30, in the auditorium. O. Gordon Erickson, musical director of Illinois Institute of Technology will lead the regular college students together with the Signal Corps and ESMWT trainees, in a program of school and popular songs. The program is sponsored by the girls' Glee Club who will serve as ushers.

The IIT Orchestra, under Mr. Erickson's direction, will furnish the musical background for the sing. Primarily, the "sing's" purpose will be to introduce the regular college students to those students of the Signal Corps and ESMWT. Secondly, Mr. Erickson feels that a sing will be just the thing to release the strain that all students are undergoing during these trying times.

Since seating capacity is limited to six hundred it will be necessary to divide the Radar school into two sections: five hundred attending the song fest at 10:15 to 10:45, the second group of five hundred 10:45 to 11:15.

At Dean Clarence Clark's request, all 10:00 a.m. classes will be dismissed for the sing and the library, cafeteria, and gymnasium will be closed on that occasion.

Faculty Club Now in 36th Year; Perry Only Charter Member Here

The Armour Faculty Club and the only charter member of the organization still teaching at Illinois Institute of Technology celebrated their 35th anniversary last week.

A private club for just the faculty and administrative staff of the nation's largest engineering college, the history of Armour Faculty Club and Rober V. Perry, professor of machine design, are synonymous.

Thirty-five years ago, Professor Perry and four other faculty men from Armour Institute of Technology banded together to "cook up" a club where they could smoke.

Pres. Heald Manages To Obtain Bid for Engineers Escapades

By HARRY BURKART

President Henry T. Heald was assured of a bid to the "Engineers Escapades" last week. The dance committee, because of the unprecedented rush to obtain bids, and to make sure that the president could attend, presented him with an "Annie Oakley."

This decision became necessary after the first Techawk crept into the Student Union early last Monday morning. After waiting from seven o'clock to eight, he finally caught sight of a salesman who was running frantically away from the crowd waving folding money high above their heads. The early bird shoved the man in a corner, threw two-fifty on the line, grabbed his bid, and left the poor fellow at the mercy of the ever increasing horde.

From that moment on it became evident that nothing short of a tornado could keep this from being one of the best attended dances in the history of IIT.

The fact that this will be the final outside dance to be held for the duration has increased demands.

Warnings are being issued to those who still wish to buy bids. The dance committee has flatly stated that those who do not take advantage of the "suits of mail" which can be obtained in the cloakroom, will have to weather the crowds at their own risk.

Bids, in a limited number, can still be obtained on both campuses. At Lewis they can be obtained from either Isabella Winter or Don Gedman. A supply is also on hand at the switchboard. On the south side they may be had in the foyer of the Student Union.

Phi Lambda Upsilon Honors Eight Chems

Eight pledges were added to the roster of Phi Lambda Upsilon, national chemical honorary fraternity, at a meeting held Thursday, April 8. Faculty members are Dr. Bruce Longtin and Dr. Hugh McDonald. Students elected are Richard Larson, Robert Newhall, Joseph Ziomek, Richard Johnson, Nat Stein and Hyman Finklestein.

The new members can be readily spotted on the campus by the tiny flasks, filled with a sinister colored solution fastened to their lapels. As pledges, they must submit to the humiliations befitting them. Their initiation will take place May 1.

All undergraduates, graduates, and professors are eligible for membership. Student members are selected on their scholastic and extra-curricula activities. Graduate students are chosen on the basis of the contributions they have made in their field. The group now consists of twenty actives.

Robert S. Kirk is president of the fraternity.

Yellott Gives Address

Prof. John I. Yellott of Illinois Institute of Technology represented the national organization of the American Society of Mechanical Engineers at a student branch meeting held in Pittsburgh last Friday.

Prof. Yellott addressed a luncheon meeting on the subject of "War and the

IIT Graduates 5,100 in Radio

More than 5,100 men have completed work in Illinois Institute of Technology's radio and signal corps courses during the last 20 months. Of this number slightly over half were signal corps men; the remaining number were students under the government's ESMWT program.

These specialized courses are under the direction of the Electrical Engineering department at Illinois Tech. The work is supervised by Dr. Jessie E. Hobson, director of the department, and Colonel C. N. Sawyer, commandant of signal schools, Sixth Service command.

The classes are made up of enlisted men, reservists, and civilians under the war training program. At present there are 2,572 men in training.

The program at IIT is the largest and most advanced in the Sixth Service command. The most advanced course given is in microwave or ultra-high frequency techniques. Classes in elementary radio engineering training are running 24 hours a day with three shifts of students. Courses in radio operating and code also are a part of the curriculum.

IIT offers radio training at all levels in part time evening courses under the auspices of ESMWT. Many of the students now enrolled in these evening classes plan to enlist in the signal corps upon completion of their present courses.

Crime

(Continued from page 1)

value to anyone but the owner and are difficult to replace.

Says Glowacki, "It will be appreciated if the person who took this wallet will return it to the lost and found department. No questions will be asked."

Glowacki's hard luck climaxes a series of similar incidents. At least seven slide rules have been known to "disappear" from their respective owners.

Hearing of the stealing of the wallet, one senior commented, "And to think that just a year or two ago it was safe to leave your lockers open all the time and to leave your belongings in the cafeteria all day."

"Now it seems that you can't let anything out of your sight."

At Gas Institute



Miss Frances Estes, a laboratory technician at the Institute of Gas Technology, is shown performing an Orsat analysis.

Miss Estes Invades Positions Formerly Reserved for Men

Another woman has joined the "home front" army—and in a position formerly reserved exclusively for men.

The first woman has been added to the research staff of the Institute of Gas Technology at Illinois Institute of Technology. She is Miss Frances Estes.

Miss Estes is employed as a laboratory technician and does her work alongside the 26 men who are also on the staff.

The new staff member was graduated from Kalamazoo College in 1940 with a major in chemistry. Before coming to the Gas Institute, she was employed in the laboratories of Johnson & Johnson, a surgical supplies house in Chicago.

Miss Estes' work at the Gas Institute involves largely chemical analysis. In addition to her work, she is studying for her master's degree in chemistry.

Miss Estes' work, as is nearly all of the research at the Gas Institute, is focused on projects directly related to and contributing to the national war effort.

Casting Done For 'Drunkard'

Casting has been completed and practice started on "The Drunkard," a Drama club production, which is to be presented on May 14 and 15.

Taking the feminine lead is Tim O'Leary, who has the role of the demure heroine, Mary Wilson; while Chet Swan has been cast as the dashing young hero, Edward Middleton. Walter Grengg is the despicable villain, Squire Cribbs, who attempts to lead the hero down the foul road of drink.

Douglas Snyder has assumed the task of portraying the mother of the heroine. Jerry Houle has the part of the honest and upright William Dowton, who is the brother of a crazy girl, Agnes, played by Ed Schaschl.

Bill Stein is cast as Julia, the daughter of Mary and Edward. A noble temperance man, Mr. Rencilaw, is to be characterized by Herman Mirochnick.

The typical old maid, a Miss Spindle, will be enacted by Cliff Oliver, of intramural fame. The barkeeper's tasks will be performed by Roy Boedecker.

Joe Specter, violinist, and Jack Wagner, pianist, will handle the musical aspects of the production.

as I

(Continued from page 1)

more common sense have done nothing to stop it.

Although the junior marshalls have done a "bang up" job of planning the junior "Days" activities, they seem to forget that they also have a responsibility to see that some semblance of order is maintained on the campus.

Some of them have maintained a strict "hands off" policy, but the others have not only been in the middle of it, but led in the organization of the skirmishes.

We admire their class spirit, but wonder where the courage to stand up for their policies disappeared. We wonder, also, what Dean J. C. Feebles thought when the din reached such proportions that he was compelled to appear in person in order to restore peace.

You can't blame the freshmen, however, who evidently haven't enough sense to realize that the rule about riding the elevator was installed by the administration for a definite reason. The rule to them appears as a personal affront to their natural dignity; instigated by the upperclassmen for their discomfort.

The only solution appears to be a definite stand by the administration, one way or the other.

Maybe the administration expects the upperclassmen to enforce the rule with violence; but I doubt it.

Mrs. Anna Orcutt Proves Color Blindness Curable Tech Students, Formerly Rejected, Join Air Corps

Color blindness may no longer be a necessary evil.

Mrs. Anna Orcutt, clinical psychologist at Illinois Institute of Technology, has formulated a series of tests and correction exercises which to date have been 100 percent successful in relieving color blindness.

Her work enabled two men at Illinois Tech, once rejected for the Army Air Corps because of color blindness, to correct their weakness and return and pass the rigid color blindness tests of the air corps. Three others are being assisted in this manner, and Mrs. Orcutt believes that before long they will be able to pass the air corps tests.

Mrs. Orcutt became interested in color blindness shortly before Christmas, 1942, when one boy came to her brokenhearted because he had been rejected for the Army Air Corps because of color blindness.

She first gave him a series of tests to determine the type of his color blindness. She then devised a plan to correct it—and at the end of a month he was able to pass the army tests he had failed before.

In the meantime other young men at Illinois Tech with the same weakness, color blindness, heard about what Mrs. Orcutt was doing for this young man. They too asked for her help, received it, and thus far every one of them has been aid-d.

Mrs. Orcutt determines the type of color blindness—whether the

more common red-green type or the less common blue-yellow kind—with a group of cards which use dots of one color to form numbers against a background of dots of another color. The cards are held two or three feet from the eyes first and then at a distance of ten feet, for, as Mrs. Orcutt explains, some people can distinguish colors close to them but not at a distance. This test tells exactly where the color blindness lies.

After this has been done, Mrs. Orcutt begins her corrective work. In the first exercise the boy wears glasses with red lenses (it is known that red lenses are the most effective) and sits about three feet from a bright light. The light is flashed on and off for three minutes and then the eyes are allowed to rest for three minutes. This is continued for 20 minutes at a time.

"The theory behind this," explains Mrs. Orcutt, "is muscular exercise." The cones in the eyes cause people to see colors. In most cases of color blindness certain cones don't function properly.

"The muscles of these cones extend when the light is turned on and contract when the light is turned off. Gradually the cones become stronger until in most cases it is possible for the person to recognize colors he was unable to see before."

Another exercise consists of matching colors. Large squares of each color in three different inten-

sities or shades are given to the boy along with many smaller ones of the same tones. The idea, of course, is to match the small ones with the large ones.

Explaining that sometimes cases of color blindness result from confusing two colors when a child, Mrs. Orcutt explains that often it is a matter of learning the names of a color by the feeling it makes when it strikes the eyes.

In some cases, Mrs. Orcutt prescribes Vitamin A, the vitamin found in carrots, to help cure color blindness. It is well known that vitamin A is good for visual difficulties, but it isn't always necessary for the correction of color blindness. In some cases, however, vitamin A strengthens the eyes and speeds up the treatment.

Having had such success in enabling young men to pass their air corps color blindness tests, Mrs. Orcutt now has an unusual interest in the problem. She no longer waits for the young men of Illinois Tech to come to her with color blindness problems; she is now in the process of sorting out all those with the problem by testing all of the men students at Illinois Tech.

Mrs. Orcutt's service to her students at Illinois Tech is unique. Says she, "As far as I know, no other college in the nation is working at this important problem and giving its students treatment for color blindness."

210 Men Complete Signal Corps Class

The largest single pre-aircraft warning class to study at Illinois Institute of Technology completed training Saturday.

The class, composed of 210 Signal Corps men, finished a 12-week course. The upper 60 per cent of the class are staying at Illinois Tech for further signal corps training; the remainder went on active duty.

The men are a part of the largest and most advanced signal corps training program in the Sixth Service Command. A total of 990 signal corps men are currently in training at Illinois Tech.

Col. C. N. Sawyer, chief signal officer of the Sixth Service Command, made the graduation address. He spoke on "Training and Its Effect Upon the Army."

Prof. Paul G. Andres, supervisor of the training, talked on "Training and Its Effect Upon the Student."

Tech Scientists Investigating Vital Questions on Rubber

Dr. Harris Directing Mechanical Project On Properties of Synthetic Rubber

Rubber—how much will it stand and how long will it last?

The answers to these vital questions and others about rubber and the synthetic product will be sought by scientists at Illinois Institute of Technology.

The research work—first such investigation in an educational institution—is a mechanics project being carried out by Dr. C. O. Harris, assistant professor of mechanics, and three graduate assistants at Illinois Tech.

The results of the work are expected to tell exactly what can be expected of the rubber compounds and to reveal information about the properties of the product.

The scientists are also seeking to determine how much energy is lost under the strain of using rubber parts, what type of rubber should be used for various purposes and how long rubber compounds will endure under dynamic loading.

The laboratory in which the pioneering work will be done is in itself unique. With no available equipment on the market for such a project, Dr. Harris has designed and built special machinery for the research.

The equipment for the work, which alone is a step forward in the rubber industry, has been very inexpensive. An old automobile distributor, purchased for a dollar, has been incorporated into the basic equipment, the cost of which has not yet reached \$100.

The graduate assistants working with Dr. Harris are: Thomas A. Hunter, George H. Martin, Jr., and Ted Zielinski. All three did their undergraduate work at Illinois Tech.

● Campus

(Continued from Page 1)

plants were found at 333 North Michigan.

A safety training center in the Civic Opera Building, completes the eight "campuses" of Illinois Tech.

But so large is the Institute's safety program that it has nine "branch campuses." Illinois Tech safety classes meet at six high schools in the Chicago area and at the St. Peter and St. Paul Church.

The high schools include: Austin, Fenger, Lane Tech, Lindblom, Morton, and Schurz.

Seven industries in Chicago also serve as Illinois Tech campuses one or two days a week, as the Institute has set up war training classes right in the plants for these industries.

These include: American Phenolic Corporation, Victor Adding Machine Company, Carnegie-Illinois Steel Corporation, Wyman Gordon Company, Howard Aircraft Corporation, Western Electric Company, and Revere Copper and Brass, Inc.

In certain isolated cases for particular classes, space has also been leased in various loop office buildings including one class at the Chicago Engineers' Club.

If one is asked where the Illinois Tech campus is, "Chicago" seems to be the only answer that really takes in all the necessary territory.

Peterhans Displays Modern Photographs

An exhibition of modern photographs by Professor Walter Peterhans of the IIT architectural department is now on display at the Art Institute of Chicago.

The majority of the photographs are still life arrangements which display both beauty and precision in technical detail. They are objective in nature, and, although subtle, depict factual statements.

Sphinx Pledges Smile

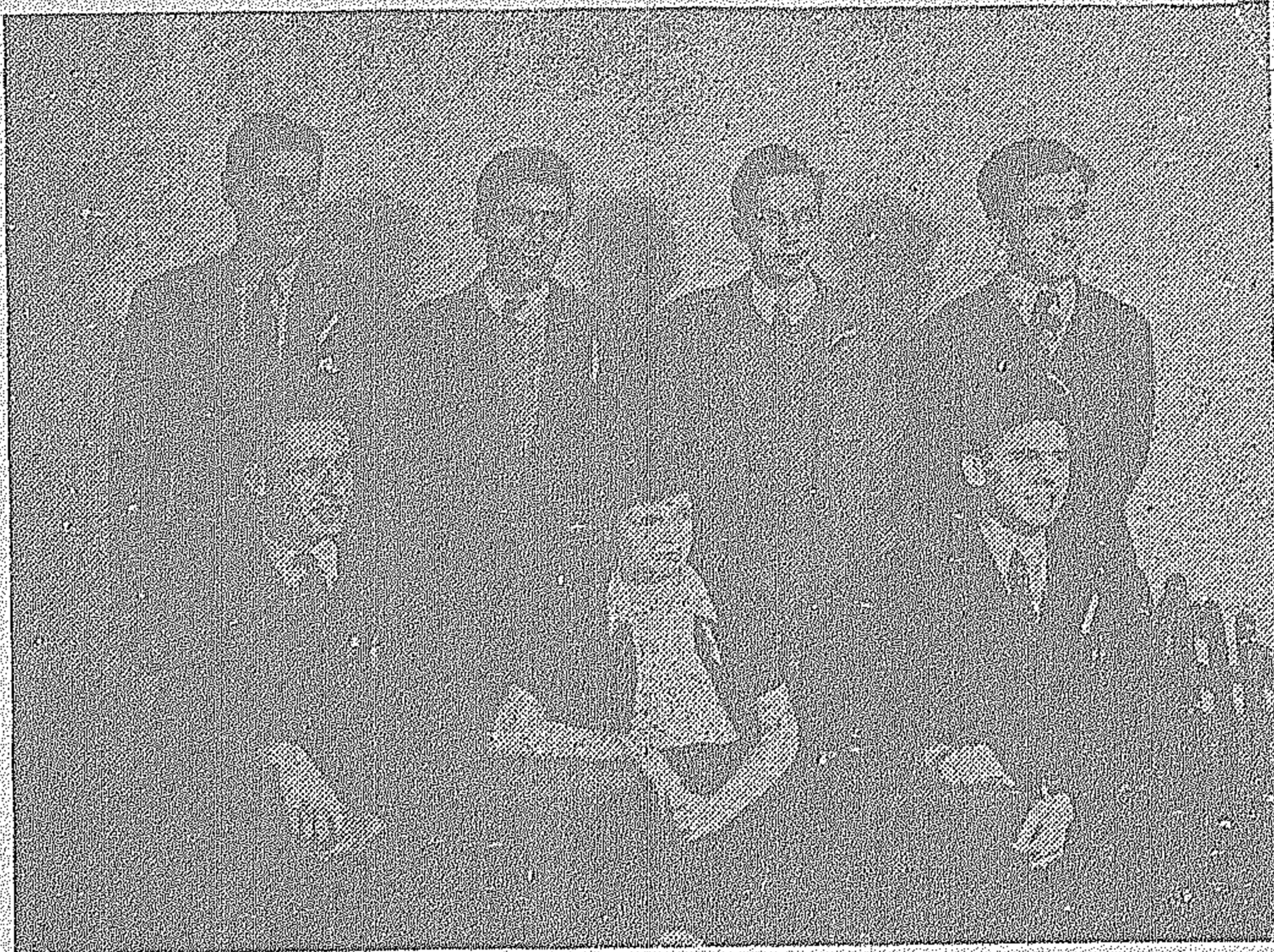


Photo by Visual Training Lab

Top row—left to right: Bob Weiss, Jerry Houle, Chuck Rowbotham, Ulysses Backas,

Front row—left to right: Milt Burkart, Blanche Fried, Art Olson.

Rho Epsilon Pledges 7 Top Literary Artists Pledged to Sphinx Puzzle Campus With Mysterious Buzzes

With radio tubes and brilliantly colored resistors attached to their lapels, plus bizzing sounds arising from the depths of their pockets, the pledges to Rho Epsilon, the honorary radio fraternity, present a striking appearance.

The pledges are Harry Beach, Ken Black, Burton Fried, Peter Fritsch, Joseph Hind, Robert Lamons, Robert Mueller, George Reifentstahl, George Roskam, and Elston Swanson.

AIEE Plans Picnic For Spring Meet

Tentative plans for a spring picnic were made last Friday by the members of the IIT chapter of the American Institute of Electrical Engineers. The electricals were determined to have a fling sometime in the near future. It was decided that a picnic would be held during the second week of the next semester.

The AIEE will have the privilege of hearing Frank F. Fowle, president of Frank F. Fowle and Company, at their next meeting, April 30. Mr. Fowle's practice covers electric power and telephone utilities, and he is a consulting engineer for the National Electrical Light Association.

The body especially invites all sophomore electricals to attend the meeting. They are also extending an invitation to join the organization. All of those interested are urged to contact Gerald Landsman, chapter secretary.

Professor Ernest H. Freeman was elected as the faculty advisor for the chapter.

A short discussion was held on the subject of the skit to be presented by the electrical department during Junior Week. Although the exact nature of the skit cannot be told, it holds promise of being one that will bring high honors to this department.

Music Clubs to Sing at Shawnee Country Club

The Musical Clubs have accepted an invitation from The Michigan Shore Club of Wilmette, (formerly The Shawnee Country Club), to present a program Sunday afternoon, May 2nd, at four o'clock.

Each boy in the club is asked to bring a young lady as his guest.

Following the concert the boys and girls will be served a buffet supper in the spacious parlor of the club. After supper the concert hall will be transformed into a beautiful ballroom and dancing will be the order of the evening.

Grinter Tells Of Deferments

"All engineers of IIT should be interested in the new change inaugurated last week by the War Manpower Commission regarding the deferment of scientists and engineers," says Dean Linton E. Grinter, who was instrumental in establishing this change, "as this new setup places the problem of the deferment of engineers in the hands of people who know engineering and who are able judges of technical men."

Dean Grinter, advisor to the War Manpower Commission, revealed that the establishment of a National Committee of Engineers and Chemists to advise draft boards on the deferment of essential technical personnel has been authorized by the War Manpower Commission.

Committee members will be selected from the National Roster of Scientific and Specialized Personnel. It is anticipated that the work of the committee will be so extensive that regional subcommittees will have to be set up.

Thus far, the National Committee of Physicists, which has been in existence for some time, has had to pass on about 100 cases per week. There are about 7,000 physicists and 350,000 engineers and chemists in the United States. It is therefore expected that the committee will act on about 5,000 cases per week.

The organization will function as follows: A copy of form 42-A, which is filled out by the firm desiring the deferment of an employee, will be sent to the committee. The committee will investigate the person's qualifications and position in industry, and will report its findings to the local draft board. The local draft board, which retains its autonomy, is expected to act according to the suggestions of the committee. Instructions to this effect have been issued by Selective Service Headquarters.

**ASK THE SOLDIER
IN THE SOUTH PACIFIC**

**"BOY, THE HEAT AND WORK DOWN
HERE ARE SOMETHIN', AREN'T THEY?"**

**"WHAT LUCK... COKE! IT'S GOOD
FOR THE OLD
MORALE."**

"That's based on a real letter. 'Gimme a Coca-Cola' is the watchword for refreshment with every branch of the service. It's the soldier's buy-word wherever they gather... and they get together where they can get Coca-Cola. Distinctive, delicious taste. Quality you can count on. Thirst-satisfaction plus refreshment. Any way you look at it,—the only thing like Coca-Cola is Coca-Cola, itself."

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MAIL CALL

(EDITOR'S NOTE: Items concerning I.I.T. men and women in the armed services will be printed in this column, and excerpts from letters from these men and women will also be presented. Contributions to the column will be welcomed, and the newspaper staff will make every effort to obtain news and letters from the stars of Illinois Tech's service flag—a group now numbering more than 700.)

By PETE MINWEGEN

From the U.S.S. Prairie state we have the idea of a circular letter to IIT men here at school from all aboard!

Don Keigher writes:

"Well here we are, 12 Armour men trying to impress the U.S. Navy with our knowledge. I am making this very short because of limited time and also because we are getting up a long circular letter, a page from each IIT man which we'll mail under one cover to the switchboard at school. It will be for everyone around our old stamping grounds to read.

As far as I know there are over a dozen former Techmen here at Prairie state. They include: Hugh Story, Joe Pruzinski, Bob Lukes, Roger Olson, Mike LaRocco, Dave Newman, Mulrooney Mahoney and Sunny Sundstrom. . . ."

V
From the United States Army Air Forces at Thunderbird Field, Phoenix, Ari., comes banner news: **BOB ANDERSON HAS SOLOED!**

This is the thrill for which every cadet waits.

Having had the wings to himself for the first time, Bob got back on the ground only to have his fellow mates give him a taste of the good earth. When he landed he received an informal initiation—he was dragged through the deepest mud puddle in the vicinity. But it was probably worth it . . . and congratulations Bob!

Bob states:
"Before soloing we had to wear our flight jackets zipped up, our helmets strapped and our goggles around our neck. Now I can wear my helmet open, my jacket open, and goggles on the helmet. It's a lot of fun and part of the tradition here, of which there is quite a bit. Say hello to all the fellows for me and tell them to drop me a line.

The WRIGHT ANGLE

By ARTHUR E. WRIGHT '41
Executive Alumni Secretary

SUBWAY — The first tour through the Nation's newest subway was conducted very recently. A boon to Chicago, the subway will greatly relieve traffic congestion in the downtown district by removing from the streets all streetcars.

The subway was planned and constructed under the direction of Philip Harrington, E.E.A. '06, who is Commissioner of Subways and Superhighways of the City of Chicago and who also is Chief of Communications in the Chicago Area for Office of Civilian Defense and Administrator for the Office of Defense Transportation in the Chicago Metropolitan Area. This Tech man, outstanding among Illinois Tech alumni, is one of America's most able engineers.

FIGHTING TECH MEN—The Honor Roll and Flag at the Institute bears the number 663. This number was exceeded many months ago as scores of Illinois Tech alumni entered the armed forces.

He's captain of the baseball team, goalie on the hockey squad, and plays varsity basketball with the Techawks; he is also TECHNOLOGY NEWS' man of the week.

He is Al Dambros.

Al stands six feet one inch tall and carries a nice one hundred ninety pounds.

Last year he won five of the six games he pitched for the school nine, helping his own cause along with a batting average in the .340 bracket. In the games which he did not pitch, he found service in the outfield or on first base.

One of the mysteries surrounding the bespectacled hurler is the reason for his nickname, "Softie."

Al himself isn't sure how it originated; he just recalls that Bill Bouch, catcher and co-captain of the 1941 team was the first man to use it. The other mystery about D a m b r o s , according to usually reliable sources, is just how he manages to wolf girls a w a y from their escorts so easily.

During his stay at IIT, Al has been the recipient of four athletic letters, two each in baseball and basketball.



Al Dambros

Before entering Armour College, Al attended Kelly High School and Wilson Junior College. At the former, he received four school letters for participation in baseball, basketball, and swimming. While at Wilson, "Softie" pitched on the junior college baseball team that won the state championship.

In addition to his work on the athletic field, Al is vice-president of Honor I, a member of Alpha Sigma Phi fraternity, and a member of the student chapter of ASME. The burly mechanical engineer maintains a 1.5 average in classes, and will receive his degree next month.

An honor was even won by the "man of the week" when he went to prison at Joliet last year—but, for the records, his trip was purely a visit; he led the Techawk nine against the Joliet prison nine. And it was a successful invasion, for Dambros became the first pitcher to win over the prison nine in 28 games—and the first to turn the trick since Ted Lyons of Sox fame had done it in an all-star game two seasons before.

LETTERS

To the Editor

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

Dear Editor:

As the war effort increases in momentum, the social pressure exerted on IIT engineers increases threefold. This feeling has been experienced by all who attend this school; especially in the various modes of transportation as well as the entertainment establishments throughout the city. For example IIT men usually commute daily and in the street cars and busses they always encounter the icy stares and inquisitive side-comments of the general public. To them we are just "draft-dodgers," not realizing that we are doing our best to conform to the desires of the War-Manpower Commission.

John Schommer has worked hard to keep IIT men in school because he believes that they are needed here now. His efforts have been justified in recent draft laws adopted to confirm and emphasize our value here at school.

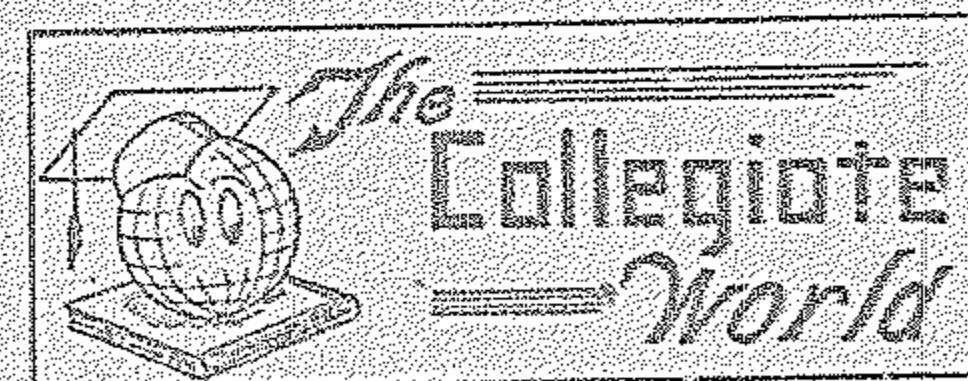
Now since we will be studying with Navy men, we should have some sort of recognition to establish our work and study as that confirming to the war effort plans.

The recognition should be approved by the student body first and then legally approved by the ITSA so as to abide by the rules of common practice. Suggestions for the recognition have been jackets of the light summer type with "ILLINOIS TECH ENGINEER" upon them or distinctive caps or hats of a military nature or various combinations of the above mentioned.

It would be highly desirable that a publicity program in the Chicago newspapers accompany the Navy's entrance to IIT and the wearing of the adopted garment by the men of IIT. The general policy of the publicity would be pictures and copy to the effect that IIT men and Navy men are working, studying, and having physical training together.

Here is a real problem of IIT students and a challenge to the ITSA to handle this situation in the best possible manner.

Ed Johnston, M.E.3.



Our First Step

Our dreams for IIT were beautiful dreams. They were the policies we stated in the editorial column of our first issue of Technology News. They were dreams that we hoped we would be able to fulfill.

Fortunately, in most cases they weren't.

We say fortunately, because if we hadn't put in long hours week after week, only to see a paper which could be called a NEWSpaper with difficulty, our consciences would have allowed us to continue giving the student body the same quality newspaper every week, with the only hope for improvement lying in our separate abilities to absorb techniques through constant repetition of routine practices.

In spite of this, constructive criticism from the student body was not forthcoming. It appeared as though the managing board, with one or two others, realized that something was necessary if the campus was to have a NEWSpaper.

This necessity was the adoption of a coach who knew how to play the game, who could integrate the efforts of the individuals, and coordinate them into the type of newspaper which should represent Illinois Tech.

With his help we are streamlining TECHNOLOGY NEWS by converting it from a magazine to a newspaper.

We know this will take time. We do not expect you to believe that this issue is the best issue ever to represent IIT; or the next one, or even any issue that comes out as long as we are here.

What we do maintain, however, is that the entire staff, from the new coach down to the greenest cub, will strive to give you a better paper every week.

We think this issue is the first step in the direction of a good student newspaper.

—LARSON

Is Democracy Decaying?

Student government has hit a new low on the Illinois Tech campus. Elsewhere in this paper there is a story on the appointments made to various positions in the student government.

It is not for a moment suggested that these men are not qualified nor competent. They are probably the best men on the campus for their important jobs.

But isn't this a democracy? Should not students elect the officers if it is? More than one-half of the officers of the ITSA board and the sophomore class have been appointed instead of elected.

Lack of student interest and cooperation is probably one of the contributing factors to this condition. The solution does not lie in making a series of appointments, but in striving to create student interest through popular elections and by giving such elections as much publicity as the sophomores have given to their school dance.

Very few students are conscious of the problems that the ITSA board of control must meet. Most of the present members are to be congratulated for performing their "thankless" jobs with such interest and school spirit.

These remarks and suggestions have been advanced with the thought of creating a better campus, better organization of student government and a student body which is actively interested in everything that happens at IIT.

—OLSON

names 'n notes

BILL DUNLAP, junior architect, once lived in a cave for two or three days. . . . And JIM DOANE, junior mech who is a descendent of one of the first Quaker families to come to Pennsylvania, lived on a schooner in Grant Park Harbor last summer. . . . DEAN FRED A. ROGERS was working in radio at the same time as Marconi and is noted among old-time Chicagoans for having performed the first wireless telegraph activities in this area. . . . FRANK A. WADE, assistant professor of mechanics, once built himself a house boat on an expenditure of less than \$25 and then floated down the Mississippi in it. . . . Argo Corn Products has a co-op job on which nobody but a PUCHALSKI works—the "A" group co-op is CASEY and the "B" group is KELLY; both are third year co-ops and twins. . . . ISABELLA WINTER, arts and science freshman, has been in but two states, Illinois and Indiana. . . . There are no railroads and no theaters in the home county of ELINOR BISHOP, secretary of the News Bureau; she hails from Bartlett, Wheeler County, Nebraska.

Oklahoma Baptist university co-eds who have dates with cadets at the army basic flying school no longer can protest: "But I didn't know he was married!" On the bulletin board of the girls' dormitory is posted a list of all the married cadets.

For the first time in the history of Wright Junior College of Chicago, they have girls in the student guard. The student guards are in general charge of the students' behavior and until now this duty has been left to the boys. Due to the shortage of manpower they are installing girls to take over some of the duties.

Twelve University of California co-eds decorated their boarding house with greenery and entertained 24 soldiers at a dance. The greenery turned out to be poison oak. The 12 co-eds and their house mother were indisposed the next day. There was no information on the condition of the soldiers.

the other side

It's Time for a Change

Behind THE SCENES



Dean Grinter

By GERRY LANDSMAN

One of the most sought for qualities in an engineer is the combination of scientific and administrative ability. In Dean Linton E. Grinter is found this quality developed to its highest degree.

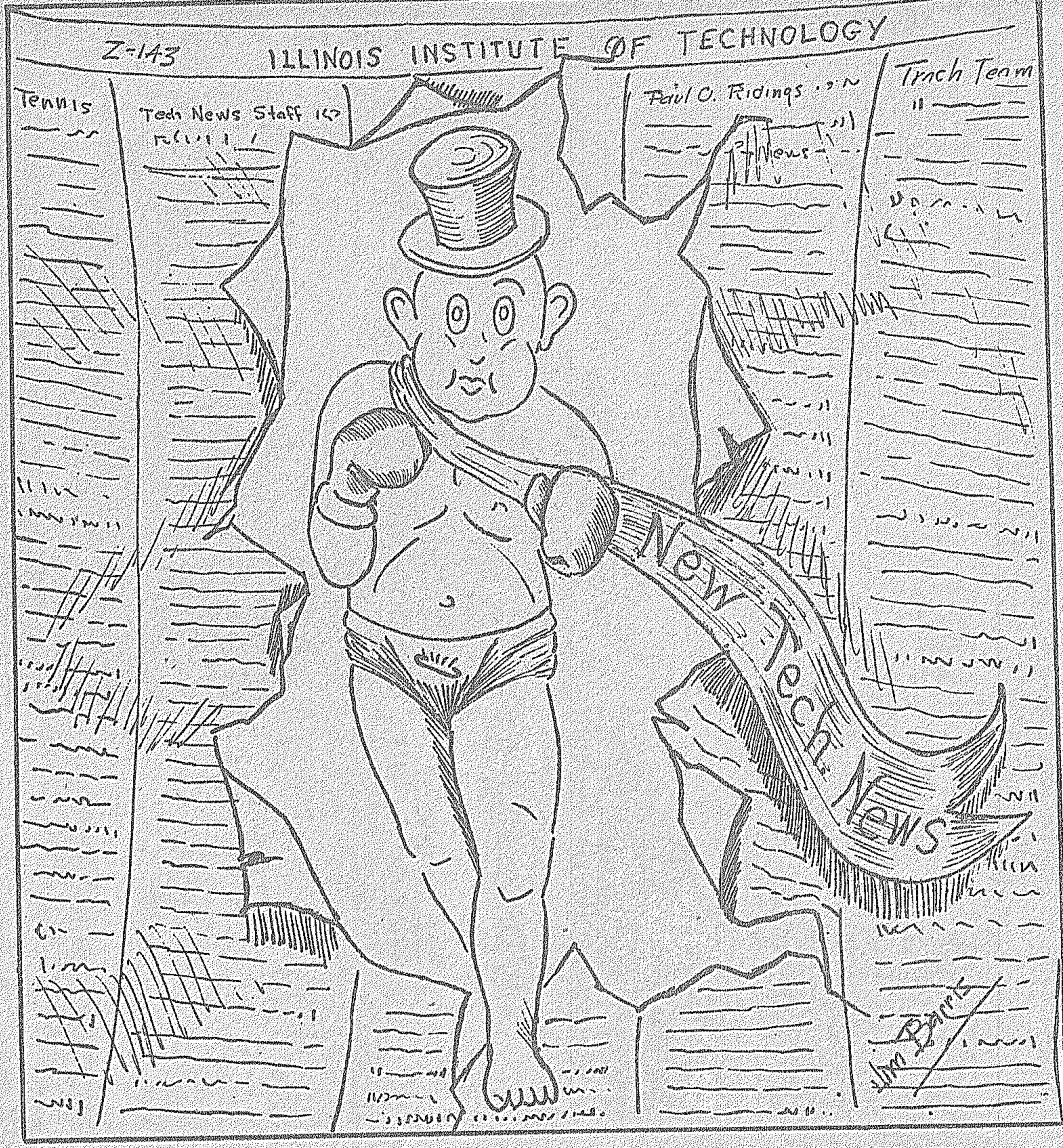
As an undergraduate at the University of Kansas Dean Grinter did not immediately choose his life's profession because of his conflicting interests in law, chemistry, and civil engineering. However, after sufficient exposure to law and chemistry, Dr. Grinter decided upon civil engineering as his profession. After receiving his bachelor's degree in 1923 he became interested in the work on indeterminate structures being undertaken by Professor Hardy Cross of the University of Illinois.

Dr. Grinter obtained a fellowship to the University of Illinois and under the direction of Prof. Cross participated in the development of this work. The Theory of Indeterminate Structures represents one of the major advances made in structural theory.

Dean Grinter received his doctor's degree in 1926 writing his thesis paper on "A Study of Trusses Without Diagonals." During his vacation periods Dr. Grinter held engineering positions with several organizations. While with the Scherzer Bridge Co. in Chicago Dr. Grinter worked on the design of rolling lift bascule bridges. Bridges of this type can be still seen around Chicago.

In 1926 Dr. Grinter accepted a position with Standard Oil Co. of Indiana. Three years later he was appointed Professor of Structural Engineering at Texas A. and M. It is of interest to note that almost every student of Dr. Grinter at that school is now an officer in the U. S. Army. In 1937 Dr. Grinter came to Armour Institute of Technology as chairman of the Dept. of Civil Engineering and Dean of the Graduate School. He was soon to become vice president. At the present time he holds the offices of Vice Pres. and dean of the Graduate School of IIT. The increasing importance of our graduate school is largely due to the efforts of Dean Grinter.

During the ten years immediately following the presentation of his doctor's thesis Dean Grinter studied developments of the theory of indeterminate structures, publishing about 50 articles on this subject. In 1936 Dean Grinter published the first of a series of five volumes on structural analysis and design. This series includes two volumes which cover determinate and indeterminate structures titled "Theory of Modern Steel Structures and volume titled "Design of Modern Steel (See GRINTER on Page 2)



Paul Ridings

By BILL BURKHART

Tucked away up on the fourth floor of Chapin set, the offices of the Illinois Tech News Bureau, presided over by Paul Ridings. It is the News Bureau whose responsibility it is to keep the public informed of what happens on the IIT campus.

Ridings is well suited for his job as director of the News Bureau.

His father is director of publicity and professor of journalism at Texas Christian University, and young Ridings himself has been interested in the subject ever since high school. Mr. Ridings graduated from Texas Christian with a bachelor of arts degree in journalism. During his college career, Ridings served one year each as reporter, sports editor, and editor of the Skiff, official student newspaper of T.C.U.

From Texas Christian University, Mr. Ridings went to the University of Missouri, from which he received his M.A. in journalism in 1939. While there, he was the sports editor of the School of Journalism's daily newspaper.

Upon leaving Missouri, Mr. Ridings edited the Ennis (Texas) Daily News.

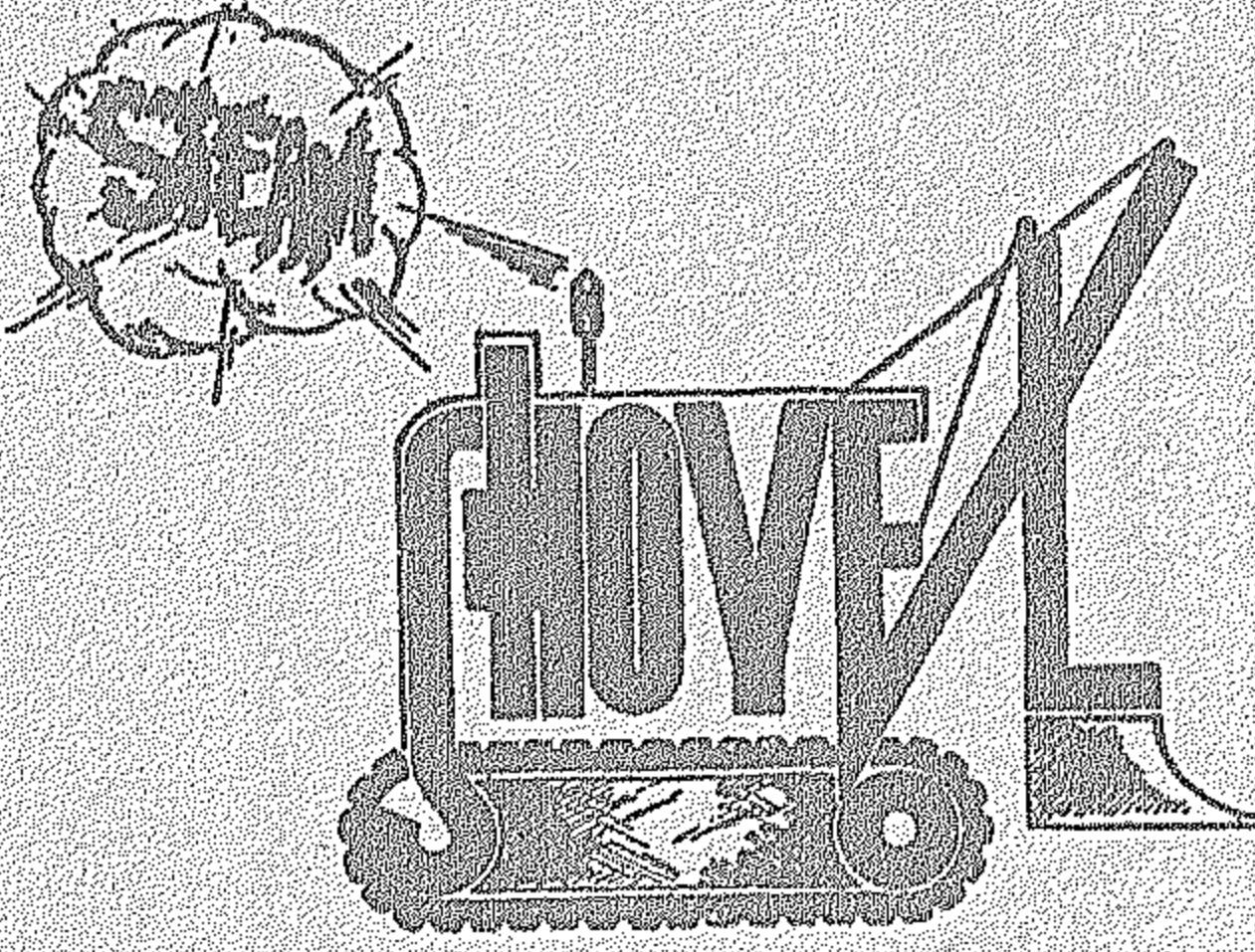
Prior to that he had had newspaper experience on the Fort Worth (Texas) Press, of which paper he was assistant sports editor, and on the Coleman (Texas) Democrat-Voice, of which he was editor. He has had newspaper experience on all sides, having been printer, advertising man and editor.

In 1940, he went to Midland College at Fremont, Nebraska as head of the department of journalism and director of publicity. While there he served as faculty manager of athletics, sponsored four extra-curricular organizations, and wrote and arranged one of Midland's weekly radio programs, besides handling all the regular duties of a publicity man.

It was while at Midland that Paul Ridings attracted wide attention in publicity circles. Midland College had only 300 students, but its football team went through a nine game season untied and undefeated, giving it the best statistical record of any squad in the country. It was through his efforts that the whole nation learned of Midland's "Little Giants."

Since he has come to Illinois Tech, Ridings has put the school on the map. He organized the News Bureau and then proceeded to inform the representatives of the press that at IIT they could find authorities in any scientific field to whom they could turn for technical information. His stories are found (See RIDINGS on Page 2)

LEWIS SNOOP OF THE WEEK
We are pleased to announce that Grace Tagliari has lost five pounds. Her simple exercise program is: when tempted to over indulge place both hands firmly against the table and push.



ARMOUR SNOOP OF THE WEEK
Who would have suspected that there was a softer side to the sophisticated librarian of the metal of the same name? When the troop train came through last Wednesday she ran out yelling and waving at the train or something.

The most touching sight on the campus this week was Jerry Lettvin opening a tremendous bag of lunch, and murmuring "she fixed it with her own little hands." Jerry was married April 11. Let's hope that marriage won't reduce Jerry to a haggard shell of his former self as it has "By" Round.

A late communique from the west states that the Indians at Argo have finally caught up with Casey Puchalski. Anyone who has seen the great Casey lately must agree that someone really "went over the top in his case."

Norm Schmitz says that after a hard day at school there's nothing like the society of Peggy Cavanaugh to take away that fagged-out feeling. Peggy is a freshman at St. Xavier's.

The suspense of waiting for Donald Dahl to pin his pledge pin in the proper place on Wanda is unbearable. Recent reports indicate that the event will occur very shortly.

Practical joker, Cheryl Benes tangled a rope in Hope Iverson's locker. In trying to open the locker door Hope gave a jerk that pulled the door off the hinges. The reason Hope was so angry was that she had trapped Bob Weiss and was keeping him in the locker. He escaped.

Nathan Iglitzen wonders if there is any connection between the decrease in the price of eggs and the fact that Eileen Robinson and Ethel Witt have been telling funny stories all Superman Red Drain can now be seen in any of the gym classes down at Lewis. He performs with every class, climbing the rope, pacing the gym, and setting the rate for commando drill. Just wait until the obstacle course materializes, Red, then you'll find out that once is enough.

Carl Sundeen and Chuck Rowbotham

the small group of IIT students who attended the Northwestern conference for Mechs decided to take a look at the pool. They pretend that they were very embarrassed when they discovered that the pool was occupied by girls.

Badminton playing at its finest can be found during the noon hours on Monday, Wednesday, and Friday in the gym at Lewis. Each week the balcony audience of students increases. Why not drop around and give the players the "bird."

"Andre" Collett is practicing his commando tactics by stalking Lil Seges all over the "Blue Room." Lil claims she's at a disadvantage, because there isn't enough furniture to afford hiding places.

Hidden talents have come to light. Dan "Smooth" O'Connell has been hiding his light under a basket. All this time Danny has concealed the fact that he is a tonorial artist pr excellence. And then we have Jack Wagner who has added impersonations to his other parlor tricks. The most recently developed act required one of the original "Gruesome Twosome." It sounds like this: "oos wittle queem puff is ou," to which said assistant answers "oor wittle queem puff and whose wittle queem puff are ou."

Another first in research for Illinois Tech. Grad student, Jim Waber, has taken up measuring ankles, hips, waistlines, etc. (no not fellows) in his spare time. Could be he is interested in foundations.

"A certain blonde with a feather cut has Ulysses Backas going in circles.

Rumor has it that little Ed Neidel, 3-A cop, was refused a package of cigarettes last week at Harry James' program.

Six Tech Sports Events On Tap This Week

Illinois Tech Swamps Chicago In Golf, Winning 11 1/2 to 1 1/2

A scanty half of a point was all that the University of Chicago could

garner last week when IIT swamped the Maroons to the tune of 11 1/2 to 1/2.

With the exception of the No. 1 match, the Techawk men all shut out their opponents.

But Jac Chamberlain, for two years Chicago amateur golf champion, avenged the loss of the half point in his match by turning in the medalist score. After splitting the first nine with his foe in the toughest match of the day, he came back in the second round to finish just four over par.

Paul Dalenberg, John Wagner, and Tony Lofrano were the other Techawk men winning their matches.

Netters Open Season Tonight

U. of C. First Match Scheduled for Team

Minus five of the six men who last year won seven out of ten tennis matches for Illinois Tech, the Techawk netters will open their season tonight against the University of Chicago.

Larson will again be the No. 1 man. Other probable single rankings will be as follows:

Bob Bokosky, a new freshman find; John Knox, Art Greenwald, and Robert Davis. In the doubles, Capt. Larson and John Knox comprising the first team, with Bokosky and Davis the second team.

Crowning blow to this year's Techawk tennis team was the breaking up of last year's doubles combination of Larson and Mike Schultz through the latter's graduation. In the years they played together for the Techawks, the pair won nineteen out of twenty-three doubles matches.

The Chicago game is one of three matches which Coach Schultz has already scheduled for his team. The other two are with Wheaton.

Freshman Bowlers Wallop Sophomores

For the first time a freshman team has reached the finals of a bowling tournament at IIT., the class of 1946 upset the Soph Mechs 797-744 last week. High point man for the Frosh was Ted Tiburtini.

At present the two teams remaining in the tournament are the Freshman and the Junior Chems.

The championship is scheduled to be played this week.

BUY WAR BONDS



Moe Cooley practices under the gun of John Reissenweber. Cooley won the 220 and 440 dash in last Saturday's meet.

Tech's Trackmen Win 4 Firsts, 3 Seconds In Placing Third in Quadrangular Meet

Tech's trackmen placed third in a quadrangular meet held Saturday April 17th at Stag Field with North Central, Navy Pier and the University of Chicago.

Lacking in reserve strength, the Techawks took four firsts and three seconds in 14 events.

Jack Haberkorn won the mile and two mile runs in 4:48 and 10:40

respectively to give Tech 10 of its 35 points.

Co-captain Jack Tregay in his first appearance of the season took a first in the discus and seconds in the javelin and shot put.

Arnie Harrison took the other first, that in the broad jump while Cooley ran five tenths of a second behind the winner in the 440 run.

Nine to Play Three Games, 2 at Home

Golf, Tennis and Track Teams Have 1 Event Each; Linksmen vs. N.U.

By CLIFF OLIVER

With six sports events in all four spring sports scheduled for this week, one of the most active sports weeks of the year is on tap at Illinois Tech.

Busiest team will be the baseball nine with three games this week. The other three spring sports units, golf, tennis, and track each have one event apiece carded.

Today the tennis team opens the week's activities and its 1943 season by invading the University of Chicago. The game is a night affair and will be played on the floor of the University of Chicago Fieldhouse.

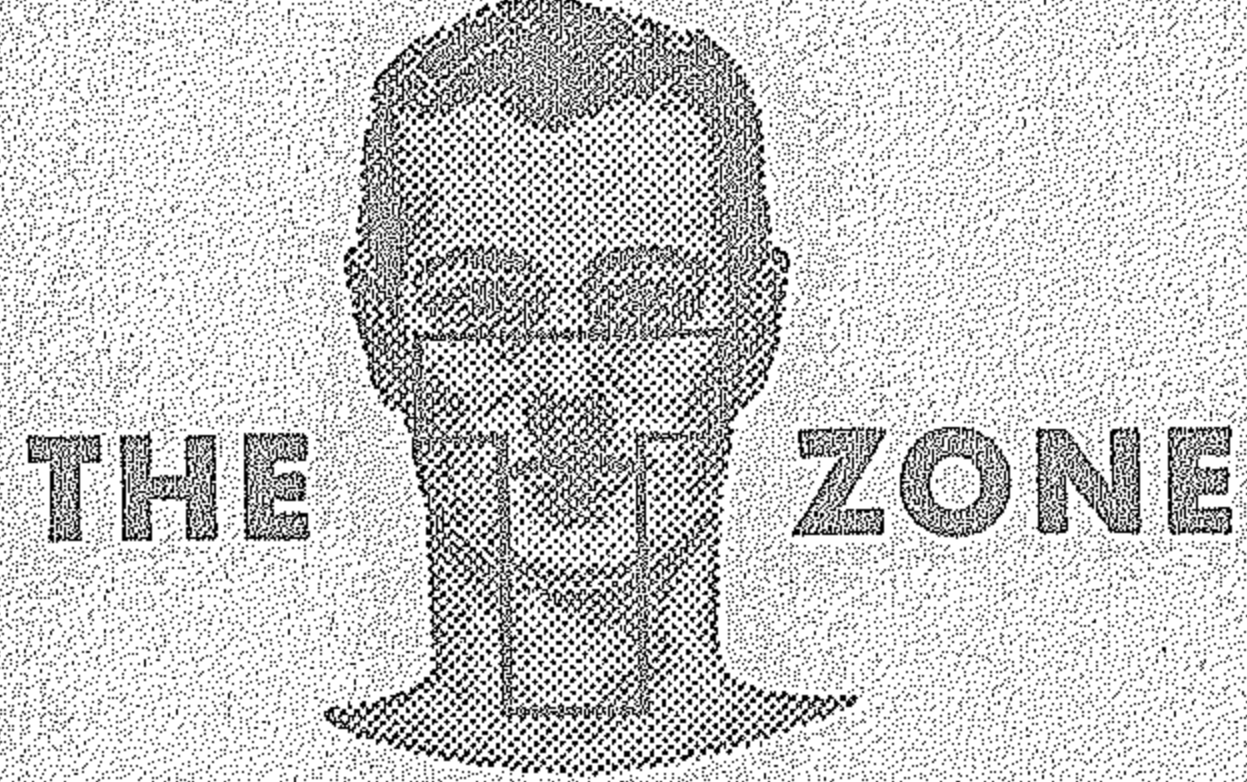
It will mark the first meeting of the Illinois Tech and Chicago varsity net teams, as in other years the Techawk tennis men have always met the "B" team. Even so, Chicago has always been a stumbling block for the Engineers.

Nine Hopes to Reverse Form
With what they hope will be a reversal of form shown in their first two games, the Techawk diamondmen go against the University of Chicago in two games this week. (See 6 SPORTS on Page 7)

IN THE NAVY they say:

- "BELAY" for stop
- "CHOP-CHOP" for hurry up
- "STEW" for commissary officer
- "CAMEL" for the Navy man's favorite cigarette

R. J. Reynolds Tobacco Company, Winston-Salem, N. C.



THE ZONE

— where cigarettes are judged

The "T-ZONE"—Taste and Throat—is the proving ground for cigarettes. Only your taste and throat can decide which cigarette tastes best to you...and how it affects your throat. For your taste and throat are absolutely individual to you. Based on the experience of millions of smokers, we believe Camels will suit your "T-ZONE" to a "T."

YOU BET I GO FOR CAMELS THAT SWELL FLAVOR AND EXTRA MILDNESS CAN'T BE BEAT!

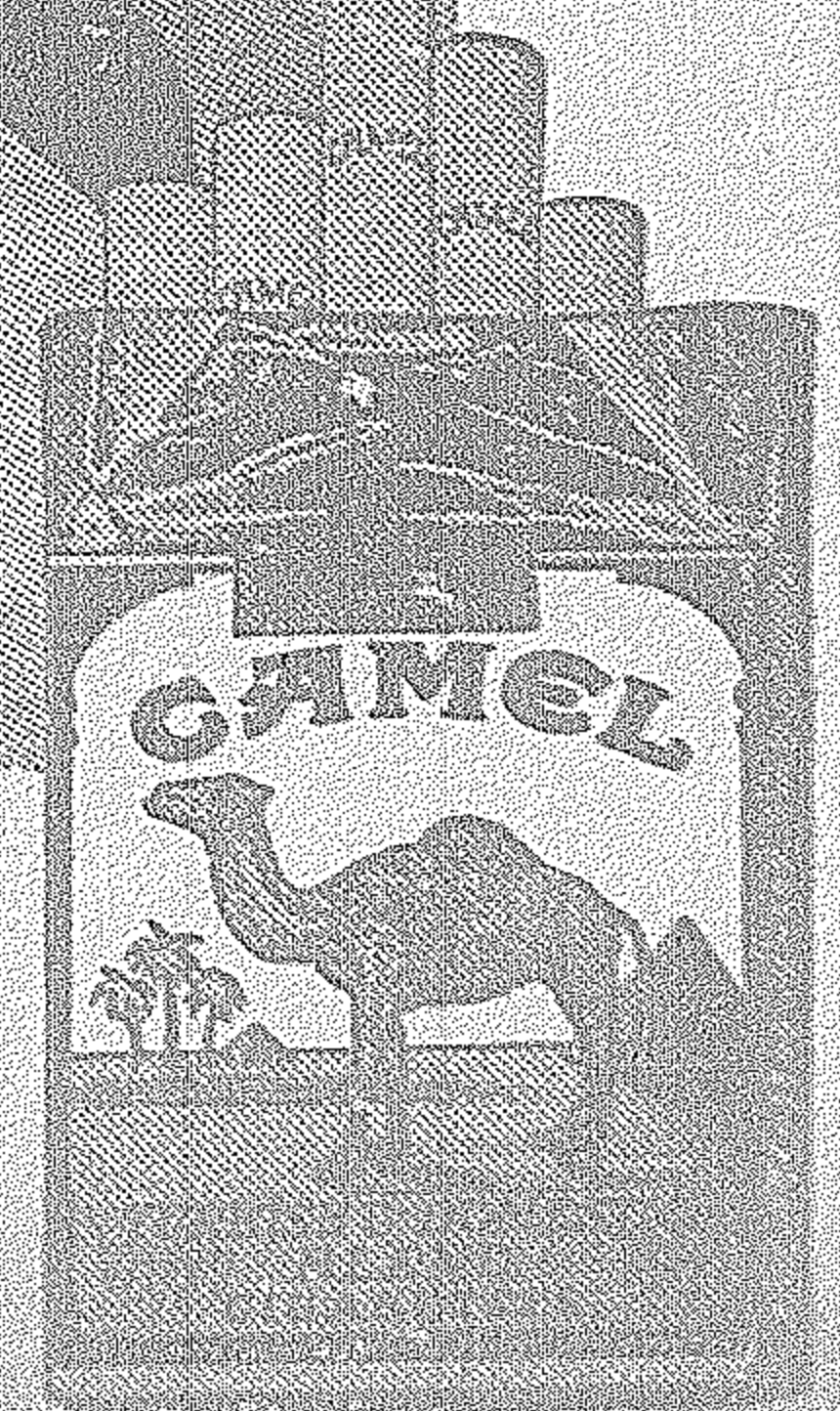


Camel

COSTLIER TOBACCOS

FIRST IN THE SERVICE

With men in the Navy, the Army, the Marine Corps, and the Coast Guard, the favorite cigarette is Camel. (Based on actual sales records in Canteens and Post Exchanges)



Seven Cups At Stake in Frat Sports

Triangle, Alpha Sigs Final Contestants in Ping-Pong Tournament

During the next two months the Fraternity sports are wide open, with seven cups at stake. Within this time the tennis, softball, swimming, ping pong, golf, track and the relay winners are to be determined. Junior Week has been set aside as the time when the softball and relays championships are to be decided.

The ping pong tournament is still in progress with the final game to be played Monday night, April 19, at 10 o'clock. The two finalists are Alpha Sigma Phi and Triangle.

The following sports program will make up the inter-fraternity sports competition for the year:

Golf—May 1st: Three men from each house will compete and the least number of total strokes will decide the winner.

Tennis—Starting the week of the 24th, with match consisting of three singles and two doubles matches.

Baseball—Tournament to start this week and finals to be played during Junior Week.

Swimming—April 28 at 8 o'clock at the Ida Noyes pool, 59th and Woodlawn. The meet will consist of the 40 yard free style, breast and backstroke, 100 yard free style, 220 yard free style, and a 120 yard medley.

Track—Tournament to be held April 30, in Ogden Field. This will consist of the discus, broad jump, high jump, shot put, 220, 100, 100 low hurdles the half mile and the mile run.

Bowling—The bowling tournament has been completed with Phi Kappa Sigma emerging victorious. The Phi Kapps rolled a three game series with a total of 2432 pins over the second place Alpha Sig team with a three game series of 2324 pins.

6 Sports

(Continued from Page 6)

The first game will be Tuesday at Chicago as a rematch of the game that was postponed last Tuesday because of snow.

Having dropped the first two games, the Techawk nine hopes to find winning ways against Chicago. The baseballers already boast a two-game winning streak against Chicago, having beaten the Maroons in 1941 and 1942.

After attempting to keep their three-year record against Chicago unblemished Tuesday, the Techawk diamondmen will have the Maroons return the visit Thursday in a game on Ogden Field.

To Meet Service Team

Third game of the week for the baseball team will also be another tilt with a University of Chicago team and another home game. The Bluejackets of the University of Chicago will come to Ogden Field Friday with all of the big guns in their arsenal to attempt to knock out the Techawks.

It will be the first time that the Techawk nine has met a service team.

Fresh from a 11½-to-½ victory over the University of Chicago, the golf team will meet Northwestern's linksmen Thursday at Glen Oaks Country Club. It will be the first meeting of the two teams in many years, and a victory over N.U. would give the Techmen an A-1-A rating. Northwestern has one of the strongest teams in the Big Ten.

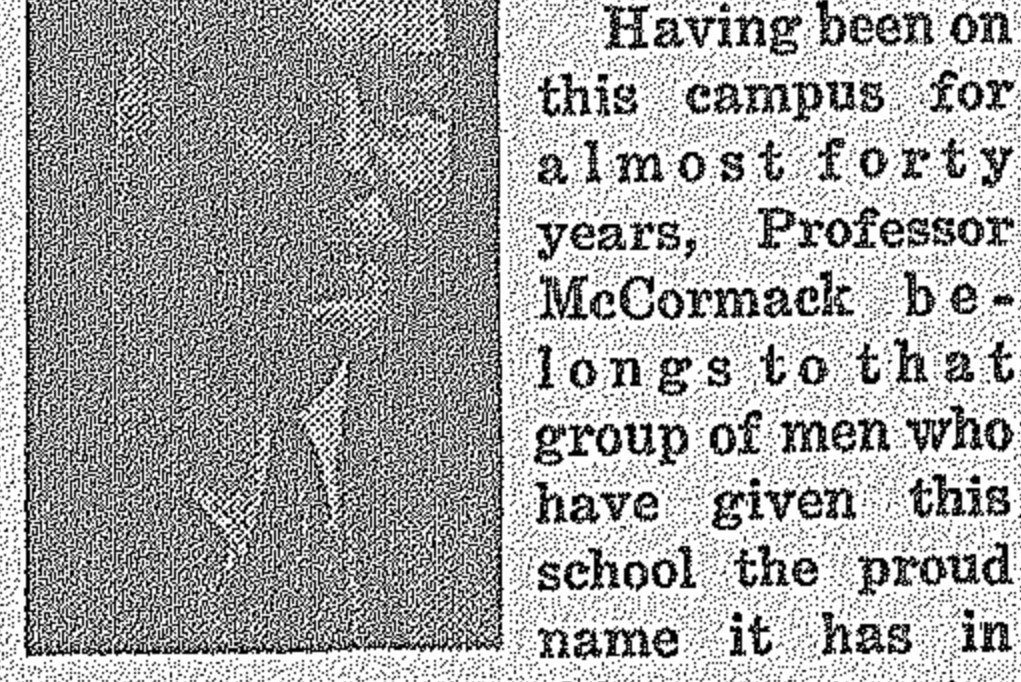
To wind up the week's sports activities, the Illinois Tech thineads will compete in a triangular meet at Stagg Field. Loyola University and Chicago will provide the opposition.

ATHLETES THEN

McCormack Former Halfback And Coach on Drake U. Team

By MARVIN LARSON

Playing football, coaching football and track, hunting, fishing, farming. Few of his students realize that the above are the accomplishments of professor Harry McCormack.



Having been on this campus for almost forty years, Professor McCormack belongs to that group of men who have given this school the proud name it has in this country today. "Mac," as he is spoken of by his students, has a brilliant athletic background and it is my purpose to give you a few highlights in his sports life.

"Mac" was born and raised on a farm outside of Ruthven, Iowa and his early athletic interests were those of most farm boys, hunting and fishing. "In those days," quotes he, "young men had to work hard and sports were not developed to any great extent."

After his prep education, he entered Drake University and as a freshman he became a member of Drake's football team. That year, 1893, "Mac's" speed and shiftings earned him the varsity halfback position. In his junior year he was elected captain of the team as a result of his all-around ability and high competitive spirit.

While at Drake, Mr. McCormack also won four letters in track, running the 100 and 200 yard dashes. His best time for these events were 10.2 and 23 seconds respectively.

Receiving his diploma in Chemistry, "Mac" enrolled in the University of Illinois for graduate work. In those days graduate students were allowed to play football and so our prof went out for the team. The first day of practice he broke his collar bone and his chance to make "Illini" history was lost. He often gets disgusted with himself when he thinks of that injury, as it was his only one in twelve years of football.

Leaving Illinois, he accepted a teaching job in Webb City, Missouri. Here he soon took over the job of coaching the college football team. While coaching he also played halfback as a result of the laxity of eligibility rules.

This game provides "Mac" with a few memories because of a battle he had with an Arkansas rooster. This fight occurred after he had scored a touchdown to give Webb City a very comfortable winning margin.

During this season he always wore his helmet so that his age could not be detected. If he would have removed his helmet, his high forehead and thin hair would have given him away.

At approximately this stage of his life he also played a bit of semi-pro football with the "Lamb" of Carthage, Illinois. This bone crushing eleven was not well named according to Professor McCormack.

Before coming to Armour in 1904, "Mac" coached and taught at the

PROFS NOW

Springfield, Missouri high school. His teams there gave him a fine record as coach and the year following his departure for Armour, this team took the state championship, with most of the athletes he had developed sharing the honors.

While at Armour he coached the track team for several years after he arrived, but his main purpose has been to develop the Chemical Engineers of this generation and to make IIT the technology center of the middle west.



by BACKAS

Six encounters with the foe are on the schedule of the week for the Tech sportsmen. Today, the tennis team opens against the University of Chicago. Tuesday and Thursday the ball club meets the U. of C. team on its home grounds. The golf team will attempt to make it two straight when they meet Northwestern. The Navy Radio School invades Ogden field Friday, and IIT will try for its first win of the baseball schedule. Climaxing this busy sports-week, the track team has a triangular meet scheduled for Saturday with the U. of C. and Loyola.

Orchids and brickbats are being earned by a few of the Tech athletes.

A bouquet goes to little Jack Eulitt, who, in spite of the fact that he has never pole vaulted before, has been out for track every day, in all kinds of weather. Jack came to IIT without any previous athletic experience, and as a frosh he went out for wrestling. He wasn't much of a wrestler for the first year, but he kept working hard and learning fast. Today, he is a letter man, and probably the best wrestler for his size in these parts. My guess is that in due time he will be as good a pole vaulter as has been found here in recent years.

The brickbats I throw at some of the remainder of the track squad. They seem to forget that no matter how good a coach is, he cannot make track men out of fellows who refuse to practice at least one hour a day. After all, if a fellow goes out for the team, he should know beforehand that it will require a certain amount of good, hard work. What say, thin-clads, let's get out and give Coach Rinehart some support. Forget those empty excuses and devote that time you use for explanations to running a few laps. Let's make this year's team a consistent winner. We were handicapped by starting the team late in the season, but a bit of effort and team spirit will do much to offset this.

Further, there is a definite need for better planning of school events with relation to track activities. An example of the need for this is the scheduling of the interfrat and Junior week track events on days just prior to important intercollegiate track meets.

It is obvious that the trackmen cannot be at their peak if they have extended themselves the day before, yet not all of them are barred from competing in these pre-meet events, as only a relatively small percentage are major letter winners.

The problem is whether these men should be barred in order to present a strong team in outside competition, or to allow these men to put their personal interests ahead of their school if they so desire. Let's remove the temptation in the future by more careful planning.

Notes off the cuff:

Those fellows with the maroon and grey jackets who are seen wandering about the campus are none other than members of the Techawk baseball club. Speaking of jackets, the golf team is dressed in style this year. Maybe the new regalia helped the golfers to their overwhelming victory over the Maroons.

Football practice begins today in the Armory. Bring gym togs and a towel. The first few weeks will be devoted to hardening exercises and skull practice.

My apologies to Al Purzycki. He was not mentioned in last week's list of track point leaders. Al totaled thirteen points, by placing in the discus and javelin and winning the shot put.

A word to the wise is sufficient. Do not park your cars on Federal street from 32nd to 33rd. Someday you may find a league ball has made a hole in your windshield.

Beefier of the week is the title we hand to Milton Garfinkle, Soph Juicer. The Union of Ogden Field Umpires is erecting a yard-arm to hang him from if his persistent arguing does not cease.

Florence Bartusek has been crowned Lewis intramural ping pong champion by virtue of 21 to 15, 20 to 22, 21 to 18, and 21 to 18 games with Eileen Robinson. She will meet the winner of the men's bracket sometime in the near future. Left in the male bracket are Ralph Blumenthal, Eckhardt Kayser, Ray Calbrese, George Prochnow, Ralph Chyrek and Don Gedman.

Keep your eyes on the intramural board this week for news of the championship bowling match. The Junior Chems will meet the Freshmen to determine the medal winners.

Let me clear up one thing before closing this column. Freshmen are not allowed to ride the elevators or own lockers, not because the juniors and seniors say so, but because the rule has been a tradition on the campus. This tradition was brought about because there weren't enough lockers for both upper and lower classmen, and the elevator couldn't handle all of the students entering the main building. Beware, frosh. The upper classmen are hell bent to uphold this tradition.

Tennis Coach Has Girl Netter Called To His Attention

By DICK LARSON

Attention, Coach Mike Schultz. The varsity netters may have a potential candidate in the person of Florence Bartusek.

Miss Bartusek has recently won her second net title. She won the Illinois Tech girls' ping pong tournament last week by defeating Eileen Robinson in the finals. Last year she was the winner of the girls' badminton tournament.

In the near future, Miss Bartusek will meet the winner of the men's ping pong tournament for the all-Lewis championship.

Supermen Yield To Morons in Lewis Opener

Baseball Game First in New Intramural Series; Supermen Down Angels

Playing the first game of the year under the newly organized intramural program at Lewis, the Minkler Morons defeated the Supermen to the tune of 8 to 7.

The Morons won in a typical story book finish. The Morons were behind by one run going into the last inning. Riggo beat out a hit to the infield and Solomon brought him home with a double mixed with an error. Soon after, LaJone lifted a long fly to left and Solomon came romping home with the winning run.

Highlights of the game were home runs hit by Prochnow and LaJone of the victors, and Graziano and Veatch of the losers, who collected two. Al Weiss pitched superb ball and although the score shows seven runs scored by the losers, most of them were scored via the errors of the Morons. Gottlieb collected three hits for the visitors, while Veatch got two for the losers.

In another intramural game, the Minkler Angels were defeated by the Supermen by the score of 6 to 5.

Techawks Lose To Concordia

By TED ANDERSON

A fighting Techawk nine dropped a close decision to Concordia last Friday by a score of 12 to 11. The game was the second one of the year for Tech and their second loss, the first coming at the hands of Lake Forest by a 14 to 7 count.

In the Lake Forest game, Captain Al Dambros started on the mound for Tech, and was holding a 4 to 2 lead when he was forced to retire in the sixth inning because of a split finger. His successors, Jim Oldshue and Tom Gavin, were unable to stem the Foresters in the late innings, and they scored twelve runs, while IIT was able to add but three to its total.

A four run rally by Concordia in the ninth inning was responsible for their victory, after Tech had seemingly won the game with four counters in the eighth inning. The winning run was scored by "Flash" Lange when he stole home for the second time in the game to climax the rally.

Concordia opened the scoring with two runs in the first inning on two hits, a walk, and an error, a stolen base and a hit, the blow coming from the bat of Tom Contes. The score was knotted at 2 and 2 in the second when Ogden Clemens walked, went to second base on a balk, and scored on a hit by Dambros.

In the fourth inning Concordia came up with two more runs, followed with a single tally in the fifth and two in the sixth. Tech got one back in the fourth and matched the opponent's total in the sixth to come within two runs of a tie at this point.

The eighth inning saw Tech push four runs across the plate after Concordia had tallied once in their half of the inning. The rally started when Bob Lichtman walked and went to second base on a hit by Clemens. Dambros then walked to load the sacks. One run scored when Gordie Fleischer forced Dambros at second.

Joe Gleason then smashed a triple over the left fielder's head to bring in two runs and tie the count. After Contes had popped to the third sacker, Catcher Warren Melgaard singled over the second baseman's head to score Gleason with the fourth run of the inning.

Illinois Tech was able to score but two runs after Concordia had put their foot on the neck of the Techawks on the ninth and the game was over. The Techawks on the ninth and the game was over. The Techawks on the ninth and the game was over.

ILLINOIS TECH		A	B	R	E	E
Schmitz, 3B	3	1	1	1	0	
Fleischer, 3B	3	1	1	0		
Gleason, CF	6	1	1	0		
Contes, RF	6	1	1	0		
Melgaard, C	5	1	0	0		
Furut, LF	4	0	0	0		
Pyre, SS	3	0	0	1		
Byrne, 1B	2	0	0	1		
Lichtman, 1B	2	0	0	1		
Clemens, 2B	5	2	4	0		
Dambros, P	1	1	0	1		
Krause	0	0	1	0		

CONCORDIA		A	B	R	E	E
Moldenhauer, SS	6	6	5	1		
Kraft, CF	6	0	1	0		
Lange, 2B	6	2	2	1		
Bauer, C	6	2	0	0		
Schlimper, RF	5	2	1	0		
Gugel, LF	5	1	0	0		
Staretz, 3B	3	0	0	0		
Wendt, 1B	0	0	1	0		
Hartig, 1B	5	2	0	0		
Moylon, P	4	0	1	0		
Frick, P	0	0	1	0		

CONCORDIA		T	R	H	R	E
Concordia	12	3	4	6	7	9
I. T. T.	11	0	2	1	0	14
	1	1	0	1	0	2

● RIDINGS

(Continued from Page 5)

every week in Chicago newspapers and others throughout the country.

Ridings is a stray "Greek" at Illinois Tech, for his college social fraternity affiliation is with Delta Upsilon, which is without a chapter at Illinois Tech. He is also a member of Sigma Delta Chi, highest journalism honorary fraternity, and Pi Delta Upsilon, another journalistic honorary.

His hobby is athletics—and at Midland the athletes voted him an honorary letter. His favorite sport—"Whatever is in season," he says, but it's a matter of record that during the 1941 season he saw 31 football games. He was a student with such famous all-Americans as Sammy Baugh and Davey O'Brien while at T.C.U.

Ridings was even president of an athletic conference prior to coming to Illinois Tech. He was president of the Nebraska College Athletic Conference, a league of all the church colleges in Nebraska. Only 24 at the time, Ridings was mentioned in Arch Ward's column as the "youngest athletic conference president in the nation."

As has done ever since his high school and college days, Paul Ridings continues to maintain an active interest in outside activities. He writes a monthly column, "Hot Tips," for the magazine of the American College Publicity Association, and is chairman of several association committees. He is also the assistant editor of the Log, the publication of the Chicago Junior Association of Commerce, of which he is a member, and assistant editor of the College Publisher, official organ of Pi Delta Epsilon. He is a member of several committees of the Publicity Club of Chicago, of which he is the only educational institutional member, and the Headline Club of Chicago, an organization of newspapermen, and the chairman of publicity on the committee on arrangements for the Golden Anniversary Convention of the Society for the Promotion of Engineering Education, no less.

And this week he adds a new outside activity, he has accepted appointment as faculty adviser, or coach, of TECHNOLOGY NEWS.

But his favorite topic probably will remain "Ruth Anne"—his daughter who was just five months old Sunday.

● Grinter

(Continued from Page 5)

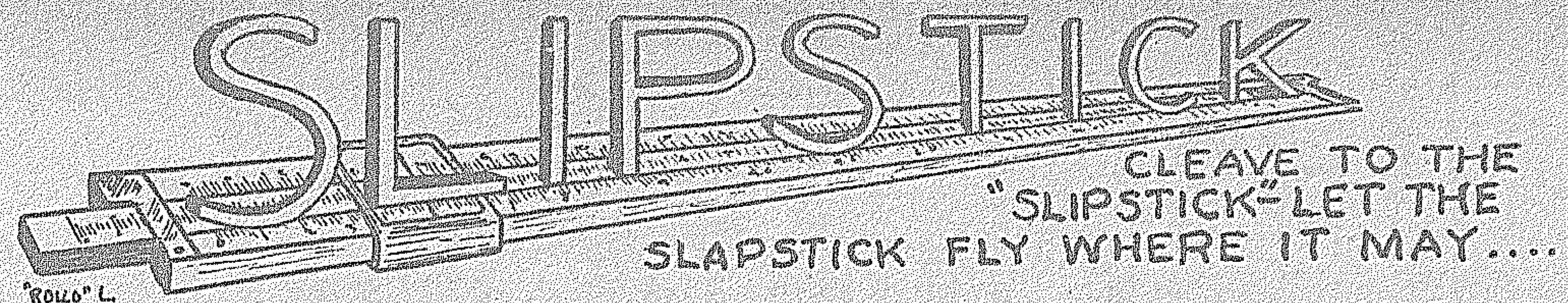
Structures." For other than civil engineering students he published a volume titled Elementary Structural Analysis and Design." As a culmination of his studies the volume "Automatic Design of Continuous Frames in Steel and Reinforced Concrete" was published. This book describes a structural design method in which the designer may go directly from the design requirements to the finished structure.

At present Dean Grinter is devoting himself to his many offices concerned with engineering education. As an advisor to the War Manpower Committee he has assisted in clarifying the position of engineers and engineering students in our war effort. Although Dr. Grinter is dean of the graduate school, 90% of his time is devoted to undergraduate problems. As chief educational officer of the institute Dean Grinter is always ready to assist in the problems of both graduate and undergraduate students.

Faculty Women's Club To Hear Book Review

"Let the People Know" by Norman Angell will be reviewed for the Welfare Service Group of Illinois Institute of Technology's Faculty Woman's Club Monday. Mrs. Thomas J. Higgins will give the review.

The literary forum will climax the all-day meeting of the group which concluded with the Infant V. Chicago.



Rabbits about this time this year might come in mighty handy. Yes with the meat rationing we could start a rabbit farm and soon—well anyway rabbits about this time this year would come in mighty handy. Speaking of rabbits, the time has once again rolled around when the Bunnies shall be in their prime. Indeed Sunday next brings us Easter Sunday. Thank God that we may still celebrate Easter and may we through his graces end this war before another Easter comes.

The keeper of a local inn, which had a reputation for its very strong brew, was awakened at midnight by a loud knocking on the front door. Putting his head out of the window, he shouted, "Go away! You can't get service at this hour—no siree, no more drinks will be served!"

"Who wants anything to drink," was the reply. "I left here at closing time without my crutches."

Want ad in Sunday's paper—

"Eligible bachelor with wealth, social position, new 1942 sedan, no tires would like to make the acquaintance of a young, marriage-minded widow with four tires."

Want ad in Monday's paper—

"Am attractive widow, age 33, with four brand new automobile tires. What do I do now?"

Want ad in Tuesday's paper—

"Want proof. Please send picture of tires."

Latest entry in Printer's Ink treasury of classified ads is this gem: Lost—Lead pencil by Marjarie Weats, blonde 5 feet 5 inches tall, brown eyes, good conversationalist. Finder may call Main 1628 between 6 and 8 p.m.

WHAT A HAND

I held a little
hand last night,
It was so small and
neat,
My wild heart thought
it would surely
break,
So wildly did it beat.

No other hand in this
wild world,
Can greater pleasure bring,
Than the little hand
I held last night,
Four aces and a king!

Engineer: "Didn't I get my last haircut in this shop?"

Barber: "I think not, sir. We've only been in business two years."

Why not end up the Easter festivities with Art Kassel at The Engineers' Escapades Ball, April 30th? Bye, bye Bunny!

Pete "Peter Rabbit" Minwegen.

Five math profs to be honored by AMS

Five professors of mathematics at IIT will be honored at a meeting of the American Mathematics Society next Friday, April 23, where they will each present a paper for discussion. The five representatives of the faculty are: Rufus Oldenburger, Walter S. Snyder, Isaac Opatowski, J. Fenton Harding, and John De Cicco.

Doctor Ford spoke recently at a meeting of the Mathematical Association at Notre Dame.

Also serving to emphasize the progress of IIT's staff are eight articles by Illinois Tech faculty which appeared in the latest edition of "Research Publication in Mathematics."

● Tech News Takes Steps

(Continued from Page 1)

vidual assignments will be retained, however, to insure adequate coverage of all special events.

In the future, the issues of TECHNOLOGY NEWS will not be put out to be picked up by the students. This method has been responsible for too much waste. Instead, copies will be handed out, one at a time, at a central distribution desk, so that students will not receive 5 or 10 papers apiece, as has so often been the case in the past. Even the physical form of TECHNOLOGY NEWS has been changed. Distinctive century type has been adopted. Newspaper surveys carried out recently have demonstrated that this form of type meets with the greatest public approval, and it has been adopted by the majority of the nation's dailies.

Headlining is to be done on a completed head schedule. To the layman this means that there will be more system in the layout of stories. Increased attention will be paid to the proportionate importance of a story as regards to the space it occupies.

The spirit of reorganization and rebuilding has also extended to the domain of the feature department. The most striking example of this is the uniting of the various "public information on private individ-

4 Candidates For Sigma Xi Posts

Candidates for offices in the IIT chapter of Sigma Xi have been announced by Doctor Rufus Oldenburger, president of the organization.

The following men have been proposed for these positions: President, Dr. Paul L. Copeland, professor of physics; vice-president, Dr. Max Jakob, research professor of mechanical engineering; secretary, Dr. Hugh McDonald, assistant professor of chemistry; treasurer, Dr. Leslie R. Hedrick, associate professor of biology.

At the last meeting of the organization, Dr. Henry Eyring spoke

uals" columns. Blitzkrieg, Coopscoop, Arx News, and Steam Shovel will all be combined into one large feature. The reason for this consolidation is the fact that IIT is one institute, and its departments, one unit. To strengthen this spirit of unity, all departmental gossip will be lumped together so that the engineers and liberal arts students may become acquainted with one another.

The plans of the finance department call for no raise in the subscription price. The present price of one dollar a semester, which is paid through the student activity fee, will stand, but the charge to non-student subscribers on the campus will be five cents per copy. This comes to a little less than a dollar a semester, but the financial staff will absorb the loss in view of the services rendered the institute by these persons.

Greater emphasis will be placed upon the advertisements. The advertising staff is soliciting more ads, and its success will be measured by the size of TECHNOLOGY NEWS. Any newspaper, collegiate or daily, grows as its paid advertising grows, and the NEWS is no exception.

More news in less time, new type, new headlines, a better publication and a better newspaper—this is the new TECHNOLOGY NEWS.

Traffic Engineer Talks on Highway Systems

Traffic engineering as applied to Chicago's new Outer Drive in Lincoln Park was the subject of a talk given by Richard G. Fend, assistant traffic engineer of the Chicago Park District, at a meeting of the American Society of Civil Engineers at IIT last Friday, and was supplemented by motion pictures.

The lecture explained the newly perfected system of hydraulically elevating fins which serve to divide the 100 foot roadway into eight lanes. This system of retracting fins represents the work of ten years' experimentation and research, he explained and said that many super-highways to be built in the future will operate upon this principle and in event of an emergency can serve as airplane runways.

Docs attend meeting

Dr. Murray, Supple, and Hedrick's attended the 105th meeting of the American Chemical Society, in Detroit, Michigan on April 15. Sessions attended included those on Agriculture, Food and Biological chemistry.

● Survey

(Continued from Page 1)

cial chairman, is a second year electrical student.

Freshman class: Robert Auschicks, treasurer of his class, is the only freshman officer acting under appointment.

The sudden influx of reservists into the Army and Navy has been offered as a possible explanation to this condition in which the student government finds itself today.

The survey also showed that the co-op classes as well as the classes at Lewis have duly elected their officers even though they have had to meet the same situation as the classes in question.

Deepest Sympathy is extended to the family of LAURA KENNEDY, who passed away Monday, April 12, 1943.

● FACULTY CLUB

(Continued from Page 2)

in charge of one of the co-operative enterprises of the club, its smoking humidor. As the head of the cigar committee, he handles on a cooperative basis the favorite brands of members.

FOR a glance of the Armour Faculty Club as its 35th birthday finds it, students who are not admitted to its club rooms may obtain a picture from the stories of its members.

"By 1933," says Professor Perry, "we'd outgrown our original quarters and were ready to expand. Under the ringing slogan, 'Cough up ten dollars or ten days of work,' we engineers went to work on the club's development program.

"With experts, specialists in every branch of engineering, we did every lick of work except the plastering of our club rooms. Now, you see a library, a billiard room, card room, and a cloak room."

According to Walter H. Seegrist, 1943 president, democracy is the ringing feature of the organization.

"When President Henry T. Heald folds his long frame in one of the maroon leather chairs, smokes his cigarette, and chats with members of the staff, he's just one of the boys," states Professor Seegrist.

A FACULTY club story of which every member likes to remind Henry P. Dutton, dean of the evening session, goes somewhat like this:

Dean Dutton left the club room one wintry afternoon in what he would have sworn was his own overcoat. When Col. Benjamin Freud, chairman of the department of chemistry, now on leave to serve the Sixth Service Command, went for his coat, he discovered his missing. Another was hanging nearby. Since the coat wasn't his, he left it there.

Several days later Freud met Dutton wearing his coat and carrying another over his arm.

"Where are you going wearing my coat?" Freud questioned Dutton.

Ignoring his accuser's direct question, Dean Dutton proved himself the absent minded professor and replied, "Why, I'm taking this coat (his very own) to the lost and found department. I've seen it in the faculty club for several days."

NOT only is the Faculty Club famous for the friendship it engenders, but the club is renowned as the philanthropist of Illinois Institute of Technology.

The club sponsors a loan fund whereby deserving students may borrow to complete their education. In addition the club provided funds for the decoration of a small dining room for the Institute. Here the 30 girls of the administrative staff of the college have their private domain away from the 1800 engineers and the 150 faculty members.

History will be continued when the club moves into new quarters after the war. The club, like Illinois Tech, just awaits the time when building priorities will make possible the \$3,100,000 campus development program.

In new quarters, the women of Illinois Tech, who now according to the constitution are eligible for membership, will probably be invited to join. In present quarters, the facilities are not large enough to include them, and thus the club maintains its stag privacy.