

## Navy inaugurates college training, July 1

### News board sees "ins" of Research labs

The members of the managing board of the TECHNOLOGY NEWS toured the Armour Research Foundation last Wednesday, as guests of Mr. Robert L. Oaks, the public relations director of the Foundation. Since the nature of the work at the Foundation is of a military nature, only a brief summary of what was seen can be given.

The tour started in the main building of the Foundation and covered most of the laboratories housed there. It began with the diesel lubricants lab and from there progressed to the soil testing lab, the experimental grain mill (there are only eight of these in the U.S.), the biological chemistry lab, and the sound lab. A soundproof room forms a part of the equipment of this last named lab.

Great interest was displayed in the photography laboratories, where work on color photography is under way, and to the printing and developing rooms, wherein are stored some of the finest equipment to be found. In one of the labs, a high speed camera was set up to take pictures of the combustion of the fuel in a diesel engine. A piece of equipment to test the erosion of metals in water was also observed. This equipment vibrates a piece of metal in and out of water at the rate of eight thousand vibrations per second, and reduces the time of erosion from several years to a matter of a day or two. The board also saw Dr. Poulter's hydraulic press, which has the ability to produce a pressure of one and one-half million pounds per square inch. This broke the world's record when it was built a few years ago. A micro-film library is being formed here, also. Various other labs were also visited.

A demonstration of the sound recorder was given by Mr. Oaks and Mr. Harold Vagtborg, the director of the Foundation. Mr. Vagtborg explained in detail the working of the sound recorder, and allowed several members of the staff to record their voices. He also spoke briefly of his experiences in the Ant-

(See NEWS board on page 2)

### • Tech Timetable •

- Tuesday, March 2**  
2:00—ITSA Meeting (for sure) in East Dining room  
12:30—Meeting of members of Board of Education at Lewis
- Wednesday, March 3**  
5:00—Managing Board meeting in TECH NEWS offices.
- Thursday, March 4**  
5:00—WSE Representatives in faculty grill
- Friday, March 5 at**  
10:00 a.m.—Junior class in 305M  
Soph class in 202M  
Frosh in auditorium.

### War councils convene

Lutkin Hall, Northwestern University, was the scene of a meeting, on February 27, of Illinois Colleges to discuss National Student War Council activities. Harry Anderson, president of the Illinois Tech Student Association and member of Pi Kappa Phi, represented IIT at the meeting.

The National Student War Council branch at IIT has cooperated with civilian defense by undertaking projects directly connected with the war effort, such as blood donations and scrap metal drives. Harry Gillespie, as chairman of the War

Council, headed a committee of thirty that volunteered an afternoon or more of their time last Tuesday, Wednesday, or Thursday in helping the neighboring people register for ration book number two.

The purpose of the meeting was to discuss problems arising because of the war situation which are of special concern to college students, to investigate possible future activities of student war councils and to review the work of the various federal agencies such as the War Manpower Commission and the Office of Civilian Defense which directly

### Wartime Canada

During his lectures on applied mathematics at McGill university, Professor Oldenberger gathered some notes on wartime Canada that would be interesting to the students.

At the present time there is no government interference in the colleges except that the names of all students who fail a course must be turned in to the government. As yet, no action has been taken with regard to these students. A great many professors resent the idea that the government rather than the professors should decide who is to stay in school and who is to drop.

Although there is no difficulty for Americans who travel to Canada, the Canadians who wish to visit the United States experience some inconvenience in that they must get permission from the government to take money out of the country and this permission is granted only if the person has an extremely good reason for doing so, such as attendance at a scientific meeting.

Sugar is scarce, and like coffee and meat, is rationed. Canned goods, fresh fruits and vegetables are not rationed as yet. As in the States, there is a black market for meat; this is being rigidly suppressed by the government. On the whole, food is plentiful and a greater variety can be had than in the States, at least in Montreal. The same gas ration scheme is in effect as we have here in the U.S. The draining of men into the armed forces and the war industries has created a serious labor shortage in the occupations of everyday life.

The newspapers of Montreal, some of which were very isolationist, are now solidly behind the war effort. President Roosevelt is extremely popular. Movie-goers applaud enthusiastically each time he appears on the screen. The newspapers devote most of their space to things that happen in the U.S., such as the Errol Flynn case.

Canada is still drafting men only for home duty.

### Social committee plans Hockey Hop

This year, for the first time, Illinois Tech's all-school social committee is getting into full swing. This body has general charge of all school affairs. It has been in existence for several years, but has been only mildly active up to now.

The members of this committee are the social chairmen of the various classes, including the coops and the other students of Armour and Lewis. Mike Coccia, the chairman of the committee, represents the juniors and seniors of Armour. Other members of the committee are Jack Donovan, representing the Armour freshmen; Eileen Robinson, a senior from Lewis; and Isabel Winter, a Lewis freshman.

The social committee will draw up a tentative schedule of all social functions and space them properly. The first item on the list is the forthcoming Hockey Hop to be held on April 3, in the Student Union. This dance has been approved by the committee and will be conducted by the hockey team.

### English prof puzzled

When the honor board was originated, it was thought that provisions had been inserted in its by-laws to be adequate in almost any situation. Apparently, one of these situations has arisen—and in a way that might well make the originators of those by-laws scratch their heads in perplexity. Dr. S. I. Hayakawa cites the instance in the following letter addressed to the Tech News Editor.

"Dear Sir:

The following honor pledge appeared on one of the exams handed in to me in English 101 at the end of the last semester: 'I have either rec'd or gave no information'. This pledge was followed by the student's signature. Now what do I do? Is the honor board prepared to cope with a situation like this?

Very truly yours,  
S. I. Hayakawa"

### Council decides pledging period

The first Interhonorary Council meeting of the current semester was held Tuesday afternoon at 5 p.m. in room U2E of the Student Union. The subject of the meeting was the arrangement of the pledging schedules for the Honoraries. Harold Ross, John Volakakis, Vic Graziano, Ed Lewnard, Milt Platzner, and Bill Parks finally decided on the following schedule:

- Pi Nu Epsilon—March 4-11
- Departmental Societies—March 12-April 2
- Honor 1, Sphinx, Rho Epsilon—April 5-April 22
- Tau Beta Pi—April 23-May 14

This plan is intended to lessen confusion in the overlapping of pledge periods. Last year some men were pledges to two or three honoraries simultaneously, which is definitely undesirable (especially for the pledges).

Presidents of other organizations are asked to consider this schedule in planning their activities.

### All hirsutes prohibited!

Hear Ye, Hear Ye. The village night crier sings out that all is not well within the sacred walls of Ye Olde Institute. The elders of said institute are aroused and up in arms. The cry is "Defend, defend, all elders must defend the unwritten laws. Death to those who dare defy our noble decrees. All usurpers of our powers shall face the headsman's axe."

Thus, let it be known that henceforth anyone found before the hour of five in the after part of the day shall be struck down if they have in their possession any resemblance to the hirsutical covering that can be deck only those men who reached elder stage of their lives, and

Furthermore, that the enforcement (See HIRSUTES on page 6)

### Navy enlistees comprise new V-12 schedule

by Isaiah Share

Designed to produce officers for the Navy, Marine Corps, and Coast Guard through the training of students and recent graduates of high schools and prep schools, the new Navy College Training Program will be inaugurated about July 1. Tests for the selection of the student officer candidates will be given on or about April 2.

Most college students in the Naval Reserves, those who are in the ERC with Navy, Marine, or Coast Guard preferences, and those men with student probationary commissions in the United States Naval Reserve will probably be absorbed in the new plan, which will be called V-12 program.

Students to be trained as officers for general duty will receive one and one-third years of study at selected institutions under Navy contract. This course will consist of four terms of sixteen weeks each. Medical, dental, and theological students will receive up to twelve terms of training, while engineering students will receive up to eight terms of training.

The following will be eligible to take the April tests: (1) High school and preparatory school graduates who will be between 17 and 20 years of age on July 1, 1943, regardless of whether they are presently attending college.

(2) High school or preparatory school seniors who will graduate by July 1, 1943, and who will be between 17 and 20 years of age on that date.

(3) Those students who haven't officially graduated from a secondary school but who are attending an accredited college or university, provided they, too, are between 17 and 20 on July 1, 1943.

Following the tests, including the physical examination, successful (See NAVY on page 3)

### Revenge!

As it must to all freshmen and sophomores who persist in riding the elevator, the rains came last Thursday to three underclassmen. These misguided souls felt that the juniors and seniors had relaxed their vigilance enough to chance a ride on the forbidden conveyance. Foolish notions of this sort were washed away on the fifth floor.

The first avenging committee was composed of several of the notorious junior chemicals. After the first drenching, these Vigilantes were joined by other junior commandos. By noon, most of the juniors and seniors of the school were up in arms.

This is the situation which now confronts all would-be elevator riders of the freshman and sophomore classes.

"Keep 'em Walking."

Sixth: Send him to the Tech News offices, we need reporters.

## Man of the week

Thoroughly mix five years of coping with a large dose of extra-curricula activities—that is a tough prescription for any student to fill; yet Milton Platzner, our man-of-the-week, has proven that these two concoctions can be successfully mixed. "Milt", now a senior co-operative student, took his first step into activities when he became a charter member of Wranglers, the Co-op Human Engineering Society, in his sophomore year. Later he became secretary of the organization and is now its vice-president.

The Dance Club and Armour Eye found "Milt" on their membership in his fourth year. That year also furnished the thrill of being pledged to Pi Tau Sigma, the mechanical engineering honorary fraternity, whose present president is none other than Platzner. This position places him on the inter-honorary council. He also serves the school by being the Co-op representative of the Honor Board. Milt and his classmates have great times playing intramural basketball. These are a few of the activities which vote him as the first co-op man-of-the-week.

There is another side to his career which isn't as well known as his life on campus. Milton is in charge of the Senior American Youth Reserves for Humboldt Park (Community 2, Division 5). His duties are the organization of the AYR groups, the leading of the AYR Campaign's. At present he is directing a house-to-house blood donor pledge canvass. Various other campaigns have gath-

## SUBC turns to fresh page

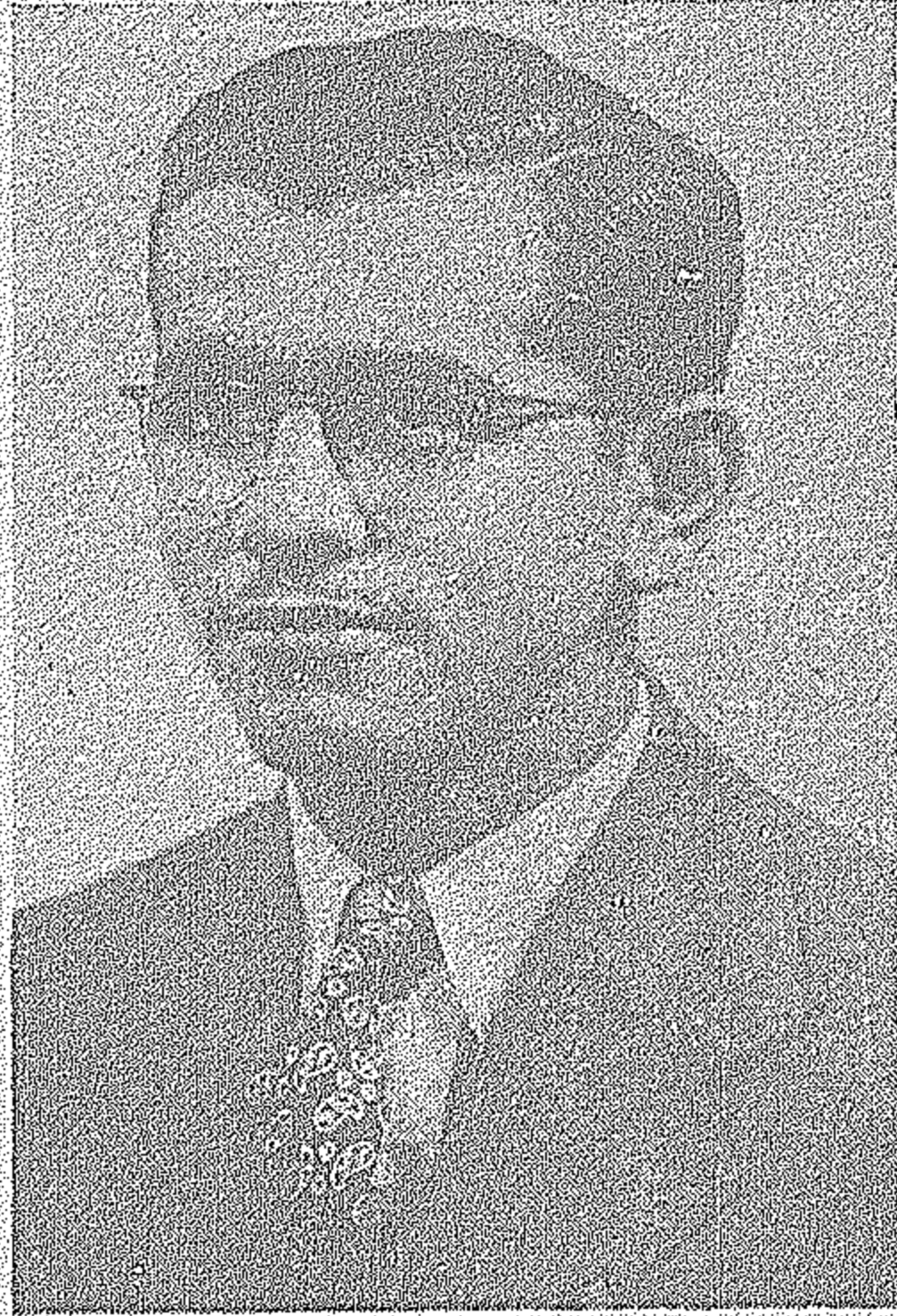
The Student Union Board, headed by Cliff Oliver, acts as a liaison between the student body and the management of the Student Union. It expresses the student's view on any proposed policy affecting the Union. Present members of the Board are Cliff Oliver, junior and John Enander, freshman. The co-op delegate refers to remain incognito, while the senior and sophomore representatives have been called into the armed forces. The delegates are elected each October. Their meetings take place every two weeks in Sonny Weissman's office.

The board has been responsible for some of the improvements in the Union building. They have had new stage curtains installed in the auditorium and are now trying to get a juke box for the lounge.

The biggest task facing the body today, is the enforcement of the new rules set up for the governing of the Student Union. Any student guilty of infraction of the rules stands the chance of being barred from the building.

## Miller eats to join air corps

Donald Glenn Miller, a former member of the IIT freshman class, enlisted in the Army Aviation Cadets last December. To qualify for the physical requirements, it was necessary for him to put on ten pounds in one week. Don put on the ten pounds and two more for good measure, and was sworn in. He was inducted on February 18th and is now at Sheppard Field, Texas. While attending IIT he was freshman class treasurer.



Milt Platzner

ered Victory Gardens. Milt is also a group leader of an Intermediate Boy's Club.

Our Man-of-the-week can be found at all IIT social functions and various other gatherings; especially ones where nurses are present. About this time one begins to wonder when and how he does his homework. It seems that all reading assignments are done on the "L" while an organized schedule keeps him abreast in his written work.

Milt was born in Czechoslovakia in 1920. His family came to Chicago in 1923 and have lived here ever since except for short stays in other nearby communities. Milt graduated from Crane Tech in 1938, but did not enter the co-op until a year later. He worked at the Ero Manufacturing Co. and the Rock-ola Manufacturing Co. for a short period before he changed to his present co-op position at the Chicago Screw Co.

## Mrs. Janis advises on wartime meals

Ways of preparing milk, cheese and egg dishes to please the palate and take the place of meat dishes during the war emergency were discussed by Mrs. Lola B. Janis, professor of home economics at Illinois Institute of Technology Tuesday, February.

Mrs. Janis, whose topic was "Feeding the Family in War Time," spoke to members of the South Lawndale Consumers Information Center in the Shedd-Field House, 3660 West 23rd Street.

A foods specialist, Mrs. Janis discussed the preparation of variety meats which are plentiful on the markets and the use of other meat substitutes.

## Grad vaults initial hurdle

Naval Aviation Cadet Ben Griffith Lease has been transferred to the Naval Air Training Center, Corpus Christi, Texas, after successful completion of the primary flight training course at the Naval Air Station at Glenview.

Lease received his B.S. degree from Armour Tech, where he was a member of Phi Kappa Sigma fraternity. After passing the advanced flight training he will pin on his wings as a Naval Aviator and be commissioned an Ensign in the Naval Reserve or a second lieutenant in the Marine Corps Reserve.

## Campus history as Stoop brain records

(Ed. note: This feature was written four years ago and was printed at that time. It is being reprinted now to give the present students a view of the campus life as it was at that time. This was written by Art Hansen, then feature editor, and better known to all by the name of "Stoop-brain Bliss.")

Deer Sally,

Wel, I am geting intew the rowfine of the second semester of skool, and things awr settling down withe a splash. Are grate newspaper—the Armore Wreck Newz, haz a knew staf, but sorey az wea are tew sea the olde staf goa, wea are shure glad tew greet the new staf and wish them grate sucess.

Won of the big events of our skool yeer wuz the glea club an orkestra koncert, of wich I am a featured member of the first. It wuz held at the Goodman theater and wuz a bige sucess. The applause wuz thunderus az I groover "Yew Muste Hav Ben a Bewtiful Babie, But Jeeer's Kreepers" and then the enginears song "Steep on a Beam." Incidentalley, I wuz able tew bring hoam the groceries—six red tomatoes (ripe), seven aigs (overripe) and a hed of kabbage.

After the koncert, a bunch of us and our dates whent tew a downtown hotel by speshall arrangement withe the manager, who gav us cut rates. It wuz a 76 scents minimum but I fownd owt that if yew got owt of the joint with a 17 scents tax yew were lucky. However, the danzing girls in the floar show were shure hot (they muste hav ben, because they didn't hav hardly any kloze on). The gal I had withe me wuz swel except while we were eating shea kept taking owt her falze teeth and putting them in her water glass. Yew no, deer Sally, this Elmira iz the most bewtiful thing wen shea wears her blonde toupe.

Another bige affare iz sune tew cum of faz part of th eskool soshall season. I meen the Junyor Formall, and I am asking, in fact inviting, yew tew cum to owr fare city so that I may escort wey personalley az my

## Dr. Thompson suffers foot bone fracture

The head of our physics department, Professor Thompson, met with an unfortunate accident last Tuesday. As Dr. Thompson would put it, he was accelerating himself in the direction of a Chicago Surface Lines vehicle, when, due to a sudden lack of friction between his feet and the pavement, the downward component of his velocity increased at a rapid rate. In other words, he was running for a street car, slipped and fell. It seems he fell directly in front of a large truck, which, luckily, was able to stop in time. Dr. Thompson was considerably shaken up by the fall, but he managed to regain his equilibrium (and his cigar, too, we trust) and limp to school. When he reached home that night and removed his shoe, he found his ankle had swollen to several times its normal size. Since he was unable to come to school all last week, Professors Copeland, Cleveland, and Colvert took his classes.

date. Yes, my sweet mountin flour, the danze iz in tew weeks, so get owt you're longest and swankiest gingham withe the least back and no shoulder straps. Yew'll hav the ideal formal. I will where my white tux and tales and my top hat and cane. The danze wil bea held at the Senate or iz it the Congress Casino. Sniff Williams and hiz radio orkestra owr going tew furnish the musik. We'll show these city slickers a thing or tew about danzing withe owr own danze—the "Mountin Dew Shag." Bea shure and get a jug of goode olde mountin dew frum Uncle Flatbrain His stew prime us fore the danze.

Last week I went owt tew commemorate owr grate and late President Washington's birthday. Going tew State and Madison streats withe my hacksaw and hatchet, I cut down the biggest and fatest telephone pole I culd find. The only trouble wuz that it wuz made of metal and it took me quite a while. Wat I could not fathom wuz that a mounted cop kame dashing up tew me and wen I tolde him that I did it and culd not tel a lie he sez, quote, I cannot tel a lie, either. Yew're going tew the jug. Wel, Sally, the inside of a jug hear iz a lot different than the jugs yew drink owt of. Wel, I won't goa intew detales, but the next morning my case wuz called and the clerk red off the charges tew old Judge Geezer. Quote, cutting down won steal lamp post, destroying public property, knocking down street car trolly wire and putting 300 cars owt of service fore tew hours, interrupting 3,000 telephones in surrounding office buildings. Withe the telephones owt of commision business in the loop wuz at a standstill, including the stock exchange and bored of trade.

The stock market in New York, not heering from Chicago, thot a terrible catastrofee had occured and shut down for the daye. The London

stock exchange, noting that the New York exchange had shut down and that stocks dropped 50 points because of it, thot maybe war had ben declared sumplace and it notified the British War Ministry (no preachers). The world wuz on the verge of collapse, according tew this report of the clerk tew the judge, and by thiz tyme I wuz on the verge of collapse. Wel, the judge sentenced me tew hang. In short order I walked u the 13 steps, the noose wuz secured, the trapdoor opened, and I dropped . . . I woke up on the floor beside my bed and vowed I wuld never eat cheeze rare-bit and herring befour I went tew bed agin.

Wel, muste kloze. Az the little duckling hoo wuz so embarrassed because hiz pantz were down sed, quote:—wheat iz going up, but the price of wild oats will always remain the shame!

Yures,  
Stoopbrain Bliss.

## News Board

(Continued from page 1)

arctic with Admiral Byrd and of the snow cruiser. Dr. Francis Godwin, assistant director of the Foundation, was introduced to the board. He related some of his experiences in South America.

The group then moved to the Institute of Gas Technology, wherein is housed the most complete library of gas technology in the country. Here fuel tests are being conducted on gasoline engines that are run twenty-four hours a day.

From there, the group moved to the Metals Research Building. The nature of the research going on there cannot be divulged.

The managing board wishes to express its gratitude to the Foundation and to Mr. Oaks for allowing them the opportunity to see what is going on at this branch of the campus.

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## Electron Microscope

If you've been up on the third floor of the Physics building recently you will have noticed the small sign on one of the doors: ELECTRON MICROSCOPE. If the door was open, you might have caught a glimpse of a room with gray plastic walls, with a tall, very scientific-looking instrument in the middle of the floor. That would have been the electron microscope.

Merely stating the facts about the magnification and so forth of this microscope doesn't really convey much idea of its power, just as you can't really imagine the speed of light. To say that it gives magnifications of fifty to one hundred thousand diameters, as compared to two thousand diameters for a light microscope, doesn't mean much. But think of this:—The specimens to be looked at are placed on a wire screen. This screen has **two hundred lines per square inch**. The screen and specimen are placed in the microscope and the image is viewed on a fluorescent plate in the bottom of the instrument. By means of fine-pitched screws, the screen and specimen can be moved about so that different parts appear on the plate. Now the specimen moves along the plate at a fairly rapid rate, yet it takes about a minute to get across one of the squares in the screen, as projected on the plate, a distance of about one two-hundredths of an inch. Of course, that's not at all a quantitative indication of the magnifying power, but it might help you get some idea of what the microscope can do.

One of the questions which people most frequently ask is "Can you see molecules with the microscope?" From theoretical considerations, it doesn't seem very likely, but some of the men working with electron microscopes have reported seeing certain large organic molecules. That is one of the many things which will be found out when more is

known about the instrument. At the present time, the men who work with it are spending their time getting acquainted with it and finding out just what it will do. For the microscope has been perfected only in recent years. There are only about thirty-four in the country, but the microscope has already made important contributions in biology, chemistry and metallurgy as well as in physics.

And on the subject of contributions to biology, many people ask whether viruses, and heretofore unseen germs are made visible. Some work has been done on this subject, and it is believed that many diseases, about which little is known at present, will be conquered by means of the research done with the electron microscope.

Right now, Dr. Copeland, who has charge of the microscope here at IIT, and Francis Breeden, who has been assigned to the microscope laboratory, are making a chamber for the preparation of metal specimens. Anything which is viewed with the microscope must be exceedingly thin. To get metal specimens thin enough, the metal will be evaporated, in a high vacuum, onto a collodion film (which is transparent to the electrons).

### Engineer honored at WSE meeting

On Wednesday night, February 24, the Western Society of Engineers held its annual Washington Dinner at which the outstanding engineer of the year, Dean Potter, of Purdue, was awarded the Gold Plaque. The guests were entertained by the Glee Club and Orchestra of Illinois Tech, under the leadership of its director, Mr. Erickson. Many letters of congratulation commending the excellence of the Music Club's performance have been received by Mr. Erickson from attending engineers.

## War affects mech department

### Dr. Yellott able head of mechs

Heading this week's featured department is Professor John I. Yellott, guiding hand of the mechanical engineering curriculum. When Dr. Yellott came to this school and joined the mechanicals he was the youngest department head at IIT. He started the safety school, instituted the ordinance inspection program and has been in charge of the ESMWT program since its conception. In January, Dr. Yellott was named as the outstanding young man of the year in the Chicago area by the junior Chamber of Commerce.



John I. Yellott

Another member of the ME department is Professor Stanton E. Winston who handles the arrangements for the Western Power Conference and is chairman of the freshman scholarship committee.

Rounding out the department are Loyd Donnell, Frederick England, Albert Gail, Max Jacob, Joseph Kozacka, William Pearl, Walter Seegrift, and Messrs. Alexander Cowie and Roland Budenholzer.

### • Navy

(Continued from page 1)

candidates will be interviewed by committees from the Office of Naval Officer Procurement. These selection committees, whose decisions in choosing students for the training program will be final, will consist of an educator, a representative civilian, and a Naval officer.

The Navy is entering into contracts with selected colleges and universities for the training, housing, feeding and medical care of its students. Colleges will be required to accept all men sent to them for training, and may use their own discretion in giving academic credit for the courses taken. Curricula are prescribed by the Bureau of Naval Personnel.

During their college training, Navy students may take part in all college athletics and other campus activities, provided such activities do not interfere with the prescribed hours of study. Any student who is able to meet the requirements of the curriculum and is able to devote time to extra-curricular activities, will be permitted to do so. Navy students will also be permitted to join all previously established campus organizations and fraternities. Under the V-12 program, students will be required to maintain the Navy's standard of discipline, although military activities will be kept at a minimum and will be subordinated to academic training.



Mechanical engineering students experimenting in the steam laboratory at IIT.

By Bill Burkhart

War has had its effect upon all the departments of IIT, but its influence is especially apparent in the department of mechanical engineering. War has brought new problems and increased responsibilities to the department. John I. Yellott, head of the department, has stated that whatever is necessary to the war effort and can be accomplished by the existing staff, will be done.

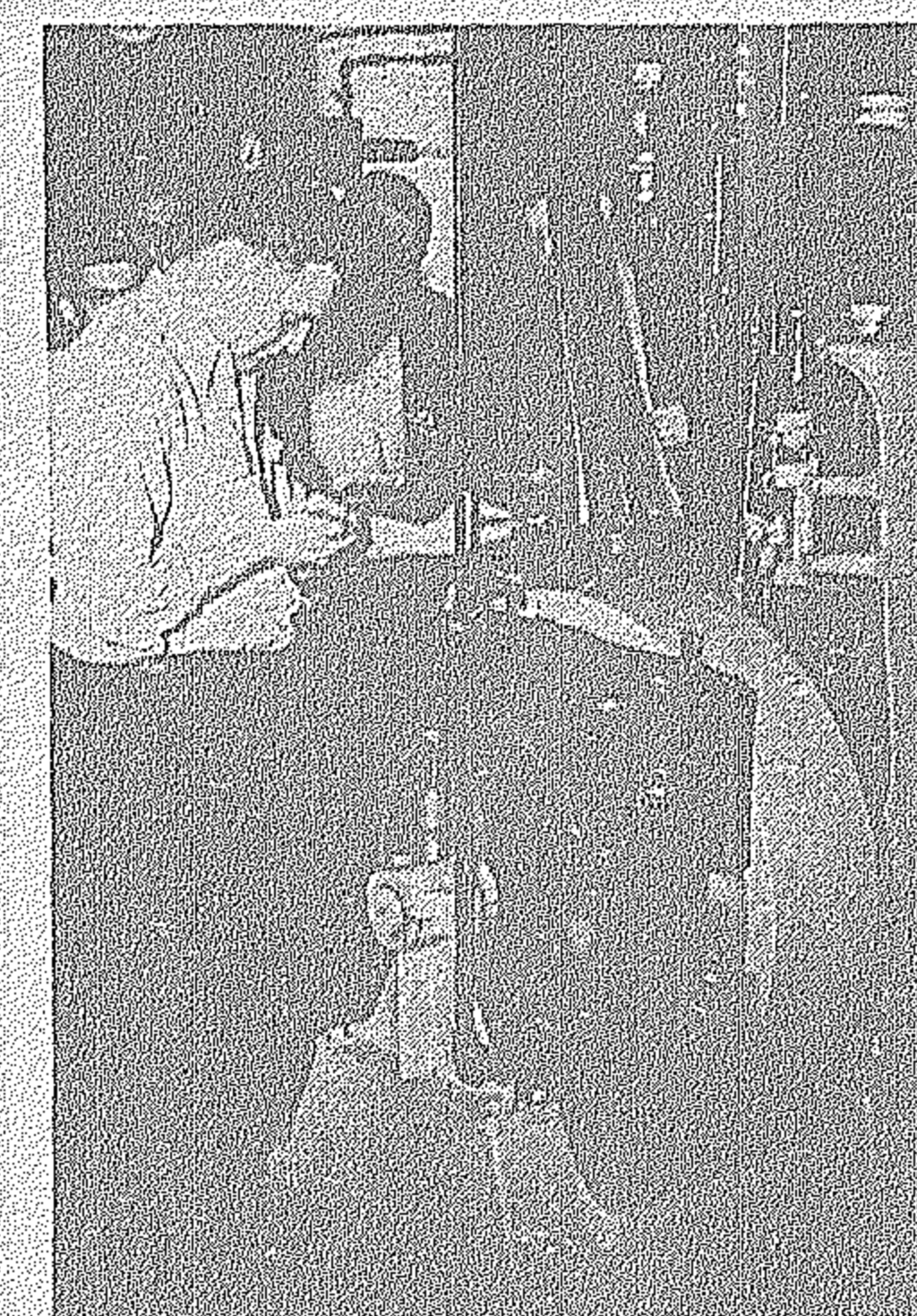
Bearing out this statement, the ME department is working both day and night in the training of engineers and technicians for industry and the armed services. The war training program, now one of the largest in the country, is ever expanding.

This increased activity of the department made it imperative that additional office space be provided. Professor Martin analyzed the traffic in the welding laboratory and found that the tool crib could be moved to a more convenient location. The space formerly occupied by the tool crib was then made into a new office for Professors Winston, Nachman, and Budenholzer and Professor Yellott's office was enlarged to accommodate the numerous staff conferences connected with the operation of the department. A reception room was added, and now visitors to the ME department can wait in comfort.

units which the students are not allowed to operate. The steam lab has been modified with the view of making it safer and broadening the facilities available for experimentation. Apparatus has been set up for the testing of steam flow through nozzles, as well as other projects. Equipment also has been added to the internal combustion engine lab and a wind tunnel is under construction and expected to be in operation before long. An X-ray inspection machine has been purchased for the war training program and space provided for it in the welding lab. Much of this equipment will not be available to the regular engineering classes until after the war.

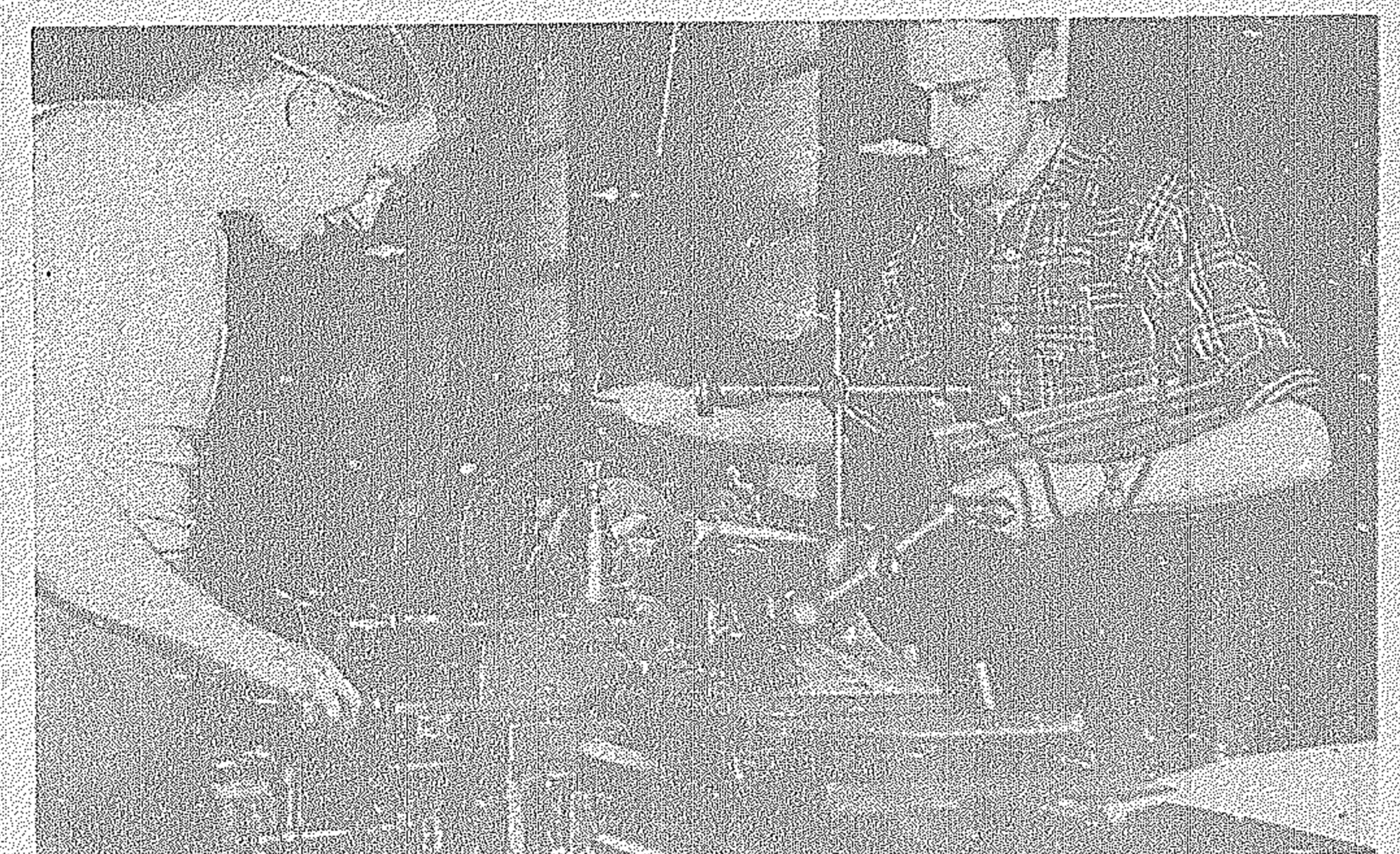
New equipment cannot always be bought, so the old must be repaired. Accordingly, the machine shop on the Lewis campus is now being modernized. Safety hazards in the form of unguarded belts and gears exist, but are on their way out. It is expected that the Lewis shop will soon be made into a model of industrial safety, showing that old machinery must not necessarily be unsafe.

The armed services will soon make use of the M.E. department's facilities when enlisted personnel will be sent to follow engineering courses. The Navy has announced that it will follow the existing courses, but the Army has not released its plans as yet. When they are announced, the department will have one more war job to do. Plans for the future are of necessity in a state of flux, but when Victory arrives, the department of mechanical engineering will be ready to swing back to the peacetime production of trained engineers.



Action in mech labs

Improvements have been made in the department's equipment, and others are on the way. The department's policy is one of acquiring a wide variety of small pieces of equipment, rather than a few large



Advanced machine shop work under the new mechanical engineering curriculum.

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# Campus

It has often been said that "it is the little things that count most".

On the Armour campus of IIT there are a number of "little things that count" which taken all together, create either a pleasant atmosphere or one which is just bearable. To enumerate just a few: the cleanliness of the cafeteria during the lunch hours from 11 a.m. until 2 p.m.; the enforcement of the Student Union rules; the appearance of the Student Union lounge; the general appearance of the campus. These things are in need of consideration by the student body; however let us give credit where credit is due and not fail to mention the excellent cooperation of Mr. Parduhn in beginning the work of cleaning up that part of the campus between the Main building and the new Research building, and the successful efforts of Sonny Weissman in obtaining someone to check coats in the cloak-room.

The lounge is frequently used by various student organizations for socials, smokers, lectures, and other occasions which are often attended by outsiders of considerable importance. The school is picking its own pocket by not making a favorable impression on such guests.

Today neither the lunchroom nor the lounge represents a satisfactory picture. To improve these rooms the following "not-to-difficult" improvements are necessary: the cafeteria should be kept clean, the lounge furniture should be repaired and redecorated, and carpets should be placed on the lounge floor. The management of the Student Union should fulfill these responsibilities.

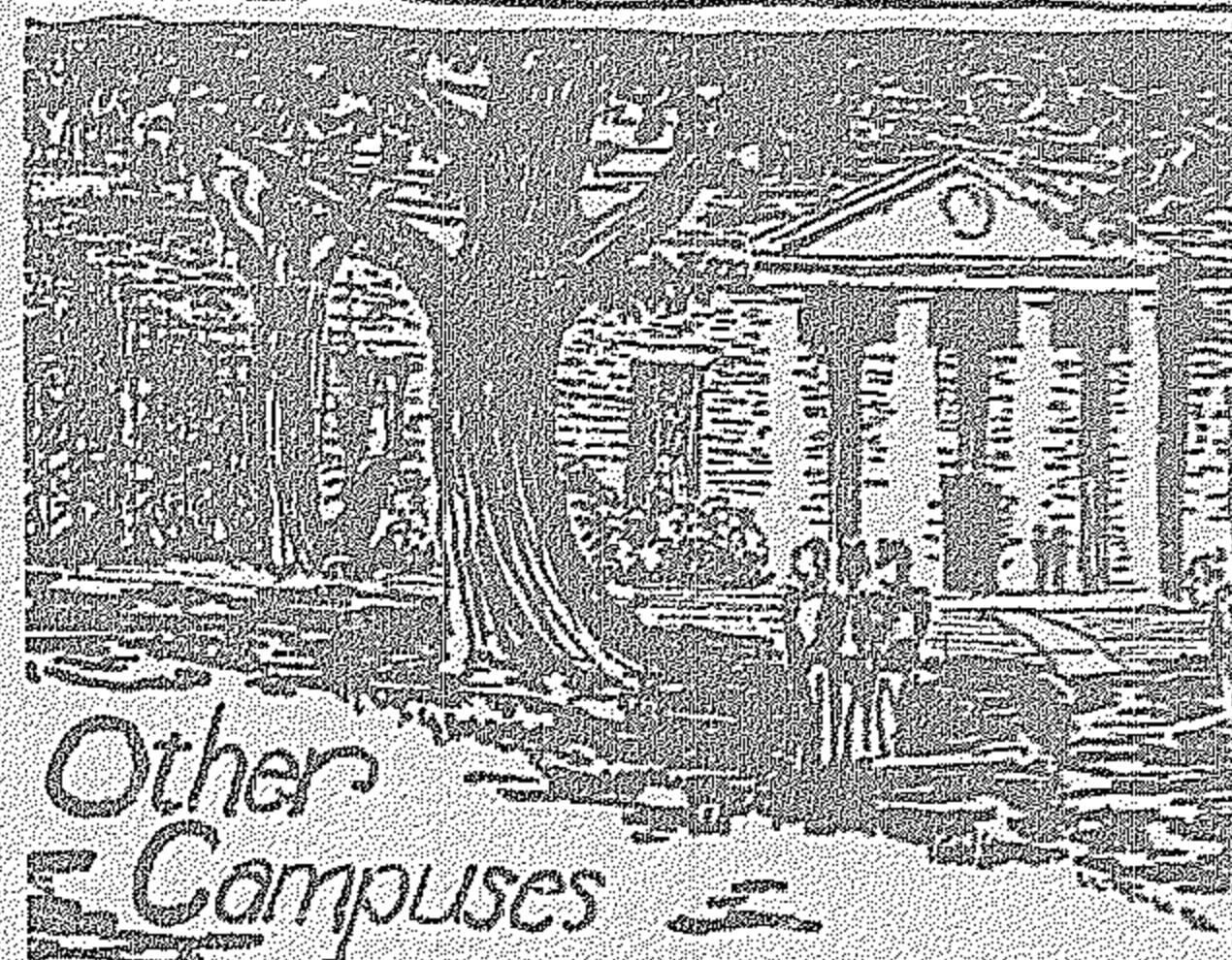
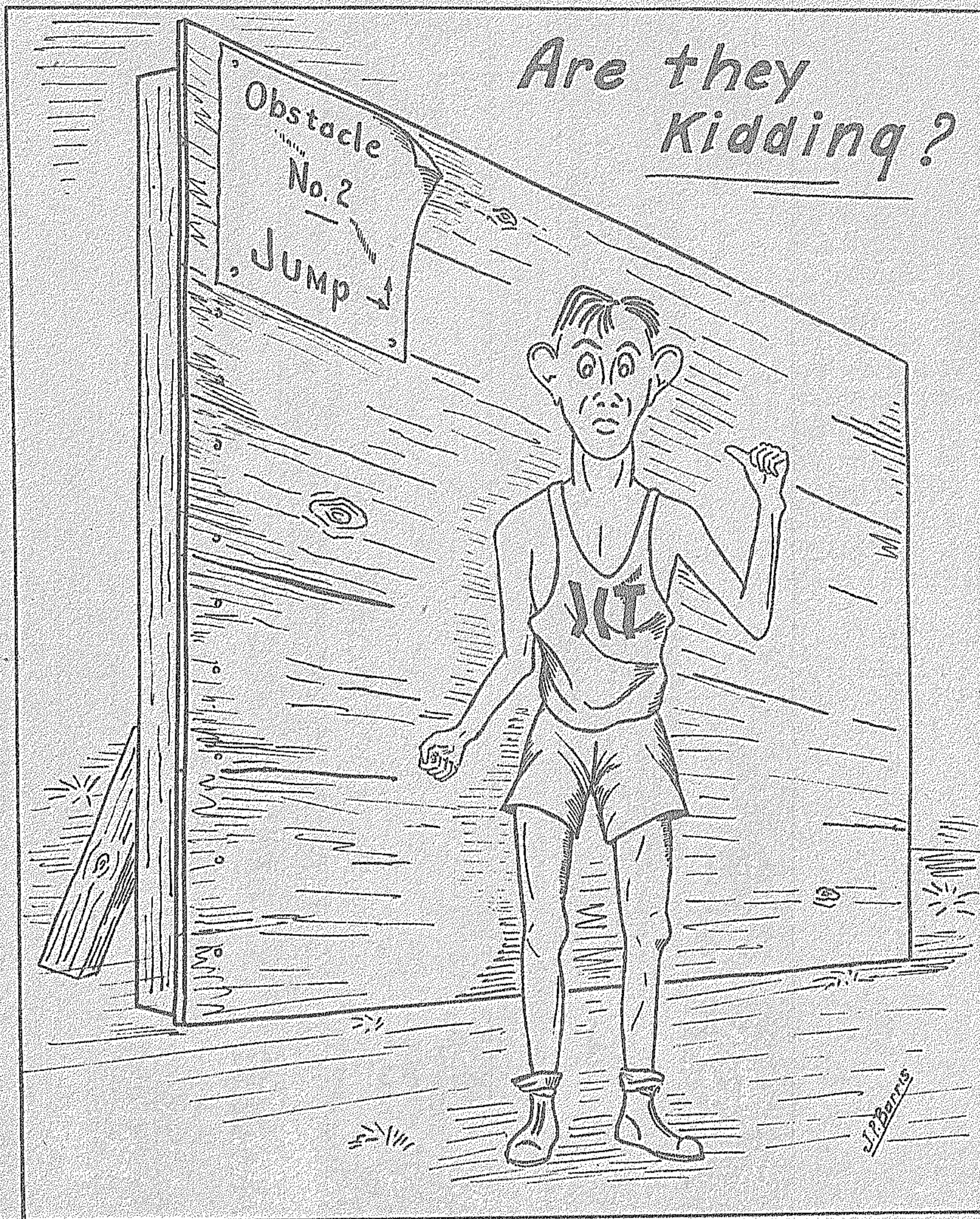
# Calendar

Effective this week, Illinois Tech's official school Calendar will serve as the clearing house for all meetings, programs and social functions carried on by the various organizations of the campus.

The Calendar is designed to eliminate conflicts such as arise when two organizations, unknown to each other, plan meetings in the same room at the same time. It was felt that some of the effectiveness of the calendar was lost in previous years because there was no central office to which the information could be brought. As a solution to the problem, Miss Leitch, assistant to the dean, has consented to administer the calendar for us, with Jim Barris, junior civil, assisting her.

However, no matter how much time and energy is donated by Miss Leitch, its value will lie in the cooperation given to the enterprise by the student body. The responsibility for the smooth and efficient operation should be delegated to a certain member of each organization. We feel that unless some certain member is delegated to see that the request for a certain room at a certain time is carried out, the information will not reach Miss Leitch or Jim Barris, and conflicts will arise.

# Obstacle course for IIT?



William A. Nash

The University of Texas has added a collection of 400 "dime novels" to their 700,000 volume library. This collection is catalogued and is used as supplementary reading material for students in an advanced English course in the literature of the west.

\* \* \*

The major project of the spherical trigonometry class at Wilson Junior College during the past semester has been to plan the most direct routes from Chicago to Moscow and from San Francisco to Guadalcanal.

\* \* \*

At Creighton University, as a wartime measure, each unexcused absence from class is punished by two hours of physical exercise or campus work. For coeds, each absence brings a \$1 fine, which may be worked out in the library or in the office.

\* \* \*

At Edinburgh University there are no bells or whistles to announce the beginning of class period. For centuries uniformed "bedels" have solemnly called the students to class.

\* \* \*

The University of Minnesota has a library of 1300 rare volumes on magic.

\* \* \*

A survey conducted by a University of Pennsylvania professor at five universities reveals that girls like to play poker and watch horse races as well as discuss political problems.

\* \* \*

Pennsylvania has more colleges and universities than any other state in the Union—51. New York is second with 46.

\* \* \*

Bemidji (Minn.) State Teachers College is the coldest school in the country. Temperatures often get below -40°F.

\* \* \*

Dartmouth college is opening a separate department of geography in recognition of the global character of the war.

\* \* \*

Over eighty college degrees are represented in the teaching staff of the San Angelo AAF Bombardier School. There are five Ph.Ds and an equal number of M.A.s. There are several Bachelors of Laws and Masters of Science. The remainder is about evenly divided between Bachelor of Arts and Bachelor of Science.

\* \* \*

According to the U.S. Office of Education, 8000 collegiate instructors left campuses for the armed services or war industries last year.

\* \* \*

Curtiss-Wright Corporation is now seeking 300 American college women for special training as engineers in eight universities. The young women will start as engineering student employees of the company in aviation courses where they will remain for 10 months. After completion of this course, they will enter various plants of the corporation in the Middle West to take over engineering positions.

WANTED

Student with good grasp of English and writing ability to fill a rewrite position on the Feature Staff of TECHNOLOGY NEWS. This position will require three hours' work every Thursday evening. If this activity appeals to you, drop your name in the TECH NEWS box.

# Truth and Honor

"Vincit omnia veritas."

Those of you who remember the columns on the editorial pages of the Chicago Daily News might recognize the similarity in the beginning of today's column. Royal F. Munger, through "Old Bill Suggests," occasionally would expound on the Latin phrases that are gems of human experience.

However, I don't intend to give a long dissertation on the above. It simply means "Truth conquers all things." The saying is still as meaningful today as the day it was uttered. The reason for this is that Truth, along with Honor, is a vital characteristic of real human life. No enterprise, no matter how financially independent, has ever lived when it has voided the pacts of Truth.

In the dictionary, HONOR is defined as being "excellence of character with men, integrity and uprightness." Let us assume that this is only a theory proposed by Webster because of actions he had seen. Can it be put into actual practice where actual people are the variables involved? Or, in other words, do people have excellent characters based on integrity and truthfulness?

I think you will agree with me that that last question has been answered 'Yes' many times. But character-building is not a process of eating marshmallows.

Just as Churchill promised "blood, sweat and tears" to the people of England in return for victory, so are noble characters the return from moral struggle.

Our Honor System is founded on the proposition that we are all men of integrity. We of the Honor Board salute you who have taken this proposition to heart.

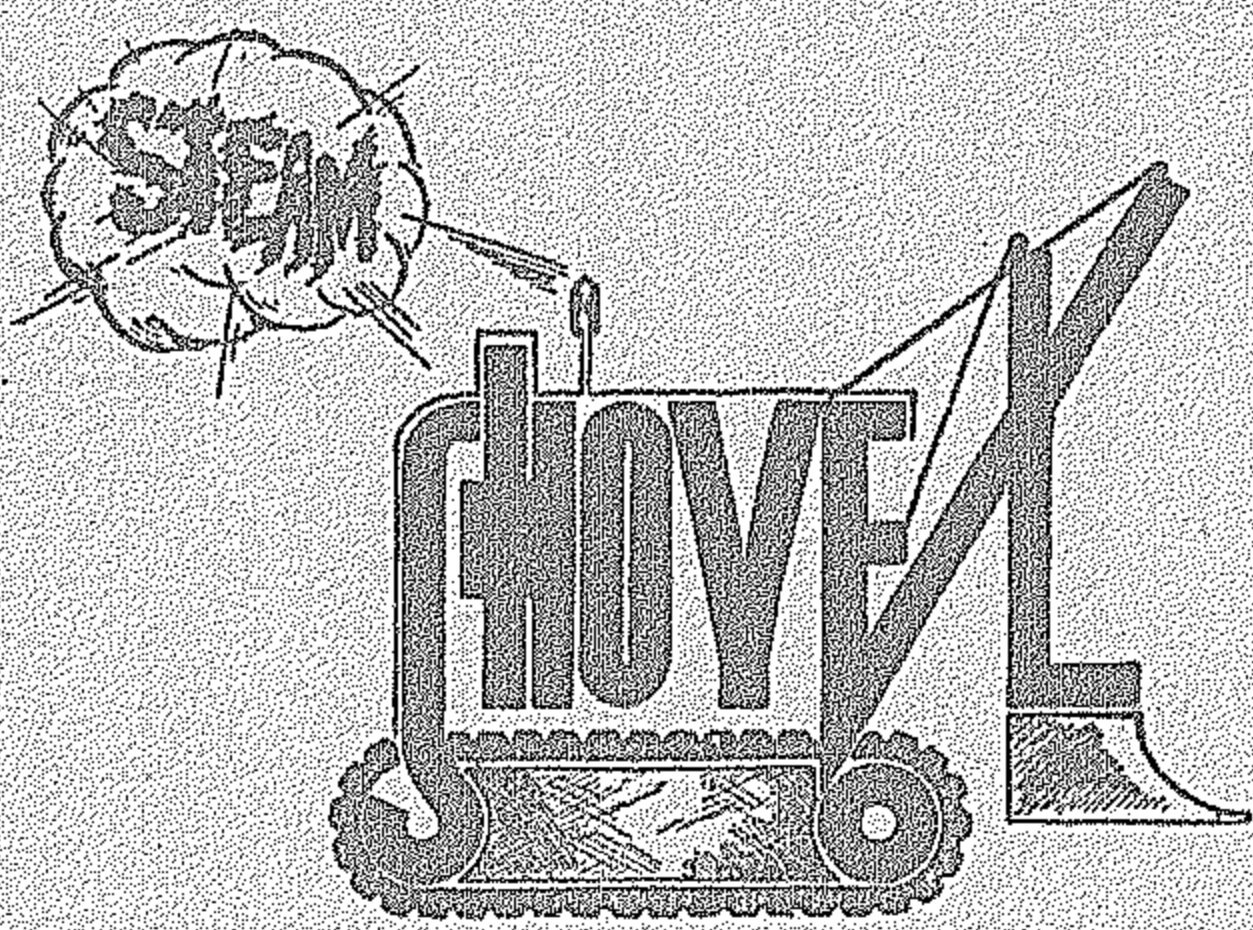
Those of you who have questions to ask or statements to make regarding the System are hereby requested to write them down and deposit them in the TECHNOLOGY NEWS box.

# Arx News

The most lovable character amongst the Arx this week is our amiable personality Arty Bastian. Art as you know is the silent partner of the Rissman-Bastian syndicate. Art sits back in his apparently unconcerned manner, weighing the flimsy arguments of his gaseous partner, discards the unreasonable arguments and retains the reasonable. When M.R. the dilettante steams off too much with his dogmatic drivel, Arty, acting like the governor on a steam engine, retards the action . . . speaking of retarded action, Stepan Fetchit Smith now has twice as much loafing to do. His inspiring room-mate William E. Daly was gifted with an "all expenses paid" vacation by Uncle Sam's Army Air Force last Thursday . . . if there is any truth in the statement that the quality of thoughts emanating from the human mind are influenced by environment, the work turned out by the Arx should be of very high calibre from here on in. This being due to the greatly appreciated improvements which have been made in the design departments . . . attention you potential Carusos, Tibbets and Bob Cwiaks, the acoustics in the drawing rooms in which we draw to don't do justice to your voices. I wouldn't give up in despair however, because the Art School Glee Club is in need of some masculine support. They have a singing room that can make McMasters sound like Binkleys . . . and oh! before I forget, Kenneth "Bumps and Grinds" Rogers is now running the "R" theatre with the able assistance of Howard "Take-it-off" Lane!

Leading the Arx delegation at the recent Michael Reese Social was Bob "Why are there only four women to every fellow" Leyden. Bob has had much valuable experience at such gatherings and consequently was able to bravely plow through the beauties until he came to the lady-of-his-choice, all of whom were very nice.

Guess Who



How happy is he born and taught,  
That serveth not another's will;  
Whose armour is his honest thought  
And simple truth his utmost skill!

—Wotton

These simple poetic words from Wotton's "Character of a Happy Life" aptly describe the warm brotherly feelings which permeate this writer when he sits him down to record various and sundry student activities.

#### Plots, Counter-plots, and Ultimatums

The seemingly lethargic junior and senior classes are coming to life! Realizing that freshmen and sophomores must be made cognizant of Techs customs and traditions early in their school-life, both classes have issued ultimatums. The juniors promise a thorough ducking under the showers (with clothes) for hapless underclassmen who ride the main building elevator. The seniors provide divertissement for underclassmen (juniors included) who roam the campus wearing 'hirsute facial adornments' and others who insist on wearing foreign school letters. Deployed about the elevator stops in Main, were a horde of juniors last Thursday and Friday: "Boatswain's Mate," **Bob Burkhardt**, "First valve-turning mate," **Nat Ratner**, **Jack Eulitt**, **Claude Anderson**, **Tim O'Leary**, **Dan O'Connell**, **McMillan**, **Bob Osborne**, **Gallagher**, **Ralph Arboe**, **Dan Gengo**, **Don Huber**, **Chuck Kill**, "Pete" **Polland**, **Cliff Oliver**, **Ted Pilot**, **Clyde Wayne**, **By Round**, and **Irv Stone**. "School authorities will easily recognize the need for sophomores and freshmen to build up their sturdy little legs by running up and down the five flights of stairs." (This is the junior argument.)

#### Bachelors and Guinea Pigs

Reported by a first-hand observer is the following conversation between **Professors Wade and Huntley**:

**Wade**: "My wife's out of town and I've been cooking my own meals, but now all of the dishes are dirty. What can I do?"

**Huntley** (in a voice betokening great sagacity and considerable experience): "Turn them over and use the other side."

"**Doc**" **Krathwohl** played "scientist and guinea pigs" with his 11 o'clock Math 102 class last Thursday. He subjected them to an Army Mechanics Aptitude Test which he and a U of C comrade are formulating. Poor little freshman pigs!

#### Hither and Yon—

This is embarrassing. **Del Zeigler**, 5B Co-op, strolled through slumberland while **Professor Gail** lectured in the Vibrations Class. Upon awakening, **Del** realized that the good Prof was speaking to him. Ready immediately to answer a question upon the Fourier series, **Del** heard, to his consternation, the query, "What's the matter, little boy, don't you have a home?" ... Also in the class is **Dick van der Mey**, coincidentally, whose interest in the **Zeigler** family centers upon **Del's** sister, **Ruth**.

#### And So, Pleasant Dreams—

Comes time to say "au revoir" and "auf wiedersehen" and parting is such sweet sorrow. To those who have read this far I wish to extend my sincere thanks; none but the stupid, blind and/or ignorant could have tolerated the drivel and insipid pseudo-witticisms herein ensconced. Let not the use of high-sounding words frighten or anger you: use the dictionary. I did.

The Bard

# COOPSCOOP

by Dick Parks and Bob Larsen

This column tells of Co-ops great  
And even those who do not rate.  
Read this stuff and get the dirt  
About Bob and Molly, and Joe and Girt.

We always knew **P. Walach** and **R. Taube** were just like brothers, but how those 2-A co-ops can vary so much in "wolfing" properties is the question in everyone's mind. **Walach** is going steady with two girls and **Taube's** girl is going steady with three fellas.

Girls! It's all over now but the shouting. That handsome blond **Elwood Margison** has been hooked by a cutie named **Jinny**.

**Bob Landregan** 2-A wolf has been really burning the midnight oil. **Spy No. 27** reports that **Bob** was over at **Lorraine's** house from 8:00 p.m. until 2:00 a.m. the other night. Says **Bob**, "We just sat and talked." **Bob** has been wearing gloves to classes recently. Perhaps to keep his hands warm when the heats off.

Attention bowlers! The 2-A team composed of **Jake Dumelle**, **R. Fischer**, **R. Coursen**, **R. Boettger**, **Jim Polak**, and **Harry Weinstein** challenges any bunch in the school. Their claims of invincibility are still to be proven.

The 3-A co-ops have a new machine! Maybe it's not as bad as **Kelly-Nash** but here's the slate:—president, **Edward "Casey" Puchalski**; vice-president, **Marc Heidman**; treasurer, **George Knetl**; social chairman, **Dick Keyes**; and athletic chairman, **Joe "Baby" Rimac**.

Because of his splendid work as a social chairman for the "B" group, **Dick Keyes**, who recently transferred to the "A" group, was elected for the same position.

**Bob Radice's** model "A" with a "B" sticker can still accommodate seven passengers. For verification ask the 3-A co-ops.

**George Buess** 3-A has had his high school ring snatched by a woman. **Marge Skriba** is the lucky (?) girl.

It seems like the "B" group boys are moving in wholesale. New "A" members include **George Moll**, **Dick Williams**, **R. Weaver**, and **Dick Keyes**.

**Fred Stramham** is now a member of Uncle

Sam's Air Cadets. He was sent down to **Sheppard Field**.

**Howie Dvorak**, **Bob Bonthron**, **L. Shearer**, and **Jim Carroll** were supposed to have checked up on the varsity cagers but they were seen stretched out on the floor. Some check up.

Friday night some of the prominent 4-A co-ops threw a shindig for an ex-classmate, **Ensign Warren Sommers** on a 15 day leave from carrier duty in the Pacific. A poker game plus refreshments plus **John Excell**, **Frank Carqueville**, **Joe Cummins**, **Bill Mahoney** and **Mike Reardon** as sponsors were enjoyed by all.

General **Phil "Colonel McCosmic" Rinck** instituted a new military procedure at the Armory last week. He set the columns moving with the command, "Column left face—march." The general is planning publishing a book entitled "New Procedure in Military Drill."

**John Brown** is the 4-A's nomination for the "Sit and Slumber Club."

**S. Tolbert** and **J. Bourke** led the scoring avalanche for the 4-A co-ops against the Soph Civils in bowling, Thursday.

Tech's ambassadors to the "Embassy", **Bill Mahoney** and **Mike Reardon**, two rugged wrecks of the junior class are reported to have turned down junior partnerships in aforementioned beer parlor and jitterbug mecca.

We hear that **Bob Antrim** finagled **Herb Smith** into the A group so **Smith** could do 99 and 44/100 percent of the homework thus enabling **Bobby Boy** to have a little more time to wolf war widows in his V-8.

It looks as though March 11th or thereabouts will be the date when those "notable" characters **Robin**, **Carlson**, and **Strodman** will gather together and shoot some "African Golf" (craps). This event will probably climax a stag banquet now being planned by the 5-A's.

**Prorok "The Quiz Kid"** has been having trouble placing the decimal point when using his slide rule. He says it's sabotage because the rule was made in Japan.

## What's' Cookin'

By Pete Minwagen

A Jap spy was sent over to this country to investigate internal conditions and to report particularly on national morale. He reported back: "Conditions in the United States are very bad. People are apparently about to starve for every time two people meet, one says to the other, 'What's Cookin'?"

And so after a couple of months layoff **What's Cookin'** is back. We gave in our **Cookin'** kettle to the scrap drive but here's where we go on without it. Maybe we can't make as much noise as we used to kicking around the old kettle but maybe it will be a start on that peace we're trying so hard to regain.

This new **What's cooking** will be different from all others, rambling on any subject we or you wish to discuss. If you wish to participate in the new **What's Cooking**, drop a note in the Tech News box in the student union addressed to **What's Cooking!**

**American men used to throw away 3,000 tons of high grade steel annually. That represented used razor blades. Those tiny staples at the base of match books? One company alone uses 50 tons of steel a year in their manufacture. Ten medium tanks could be made out of the steel which each year goes to hold up men's pants. That's the steel parts of suspenders. As for women's corsets—they correspond to 25 destroyers a year on the basis of 1,000 tons of steel to a destroyer.**

Have you any ideas on what songs will replace the present Top Hit parade songs? My idea on a few that may work their way up very soon are: "I've Heard that Song Before," "As Time Goes By," "Don't Get Around Much Any More," and finally "Slender, Tender, and Tall." **What's your idea on the situation?**

#### Looking over the Movies—

Such movies as **Palm Beach Story**—with **Claudette Colbert**, **Rudy Vallee**, and **Joel McCrea**.

**Commandos Strike At Dawn**—**Paul Muni**. **Random Harvest**—for those of you who like the romantic type of picture. **Greer Garson** and **Ronald Colman** put it over big.

**Frankenstein meets the Wolf Man**—Here's a picture in which the mightiest of human monsters clash! A true techawk treat.

As for plays:

The **Erlanger** presents **Private Lives**, a very good play, with **Ruth Chatterton** and **Ralph Forbes**.

At the **Studebaker**—We find "Cry Havoc." The aforementioned are new plays which opened only yesterday.

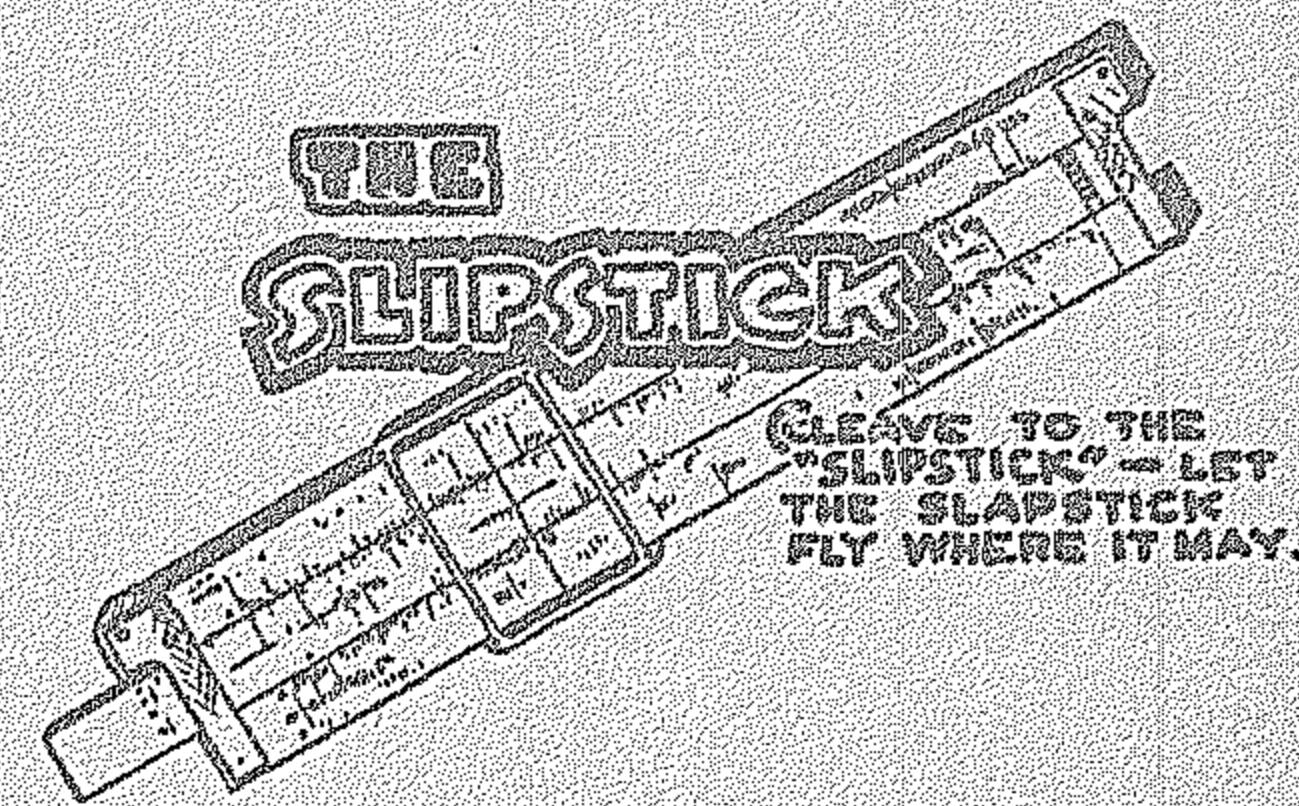
"Do you think that baseball has any value as a national morale builder?" **Parks** holding 38 to 40,000 people have only attracted 3 or 4,000 people to "Big League Games." These were games between big league contenders—including the Yankees!

Remember this is not a personal discussion but wide open to everyone!

What we want is your ideas! Bring up any difficulty. Maybe we too can have a romance clinic what with all the experts we have among the engineers.

Just to show you how we jump from topic to topic, how about some dancing at the **Aragon** or **Trianon** some weekend that you're not writing up reports. There's been rumor of the annual "Hockey Hop" to take place here at school April 3rd. Remember!

Remember **What's Cooking** depends on its ingredients. You and what you do and think are the ingredients. So what's cookin', guys and gals?



Here's dedication! A slipstick is heading down **Wichita Falls, Texas way**. Yes sir here's a dedication for those boys from **Illinois TECH** who used to sing "Skylark" and right now they're in training to become sky-birds. So contact! **Phil**, **Gene**, **Richard** etc., grab the joystick and "Keep 'em Flying!" I've just set the **Robot Pilot** of our "Slipstick" heading due south. So get those pursuit planes a' rollin'!

V V V

She: "Do you think I show distinction in my clothes?"

He: "Well, I wouldn't say distinction. I think "distinctly" would be a better word."

V V V

"My girl has a beautiful gown she wears only to teas."

"Who?"

"Me."

V V V

But wait before we go on! We're warming up another "Thunderbolt Slipstick" and it's heading west towards California, where another group of I.I.T. boys are knocking clouds down. So **Jimmy**, **John**, etc., set out the wind socks and grab us as we go by.

V V V

Doctor: "Wait a minute, you are too quick; I didn't tell you to say 'Ah.'"

Patient: "I know you didn't. I just caught a glimpse of your new nurse."

V V V

I put no lipstick on my mouth,

No powder on my nose.

My torso is quite unconfined;

I wear no silken hose.

I'm not a mid-Victorian,

No prudish rules for me—

But I'm the gal you'll learn to know

In 1943!

V V V

A new negro porter moved timber and ties all day until he was completely worn out. At the end of the day he approached his boss.

"Boss, you sure you got my name right?"

The foreman looked over his list.

"Yes," he said, "here you are, **Simpson—Roy Simpson**—that's right, isn't it?"

"Yas suh, boss," said the negro, "'das right, ah thought maybe you had me down **Sampson**."

V V V

Bissell, with 2 1's

**Bissell**: "Do you think your father would say anything if I told him we were going to be married?"

**Jean**: "I don't know, but I imagine he'd say something if you told him we weren't."

V V V

**Chinese visitor** says: "Funny people you Americans. You take a glass—you put in sugar to make it sweet and lemon to make it sour; you put in gin to warm you up and ice to keep you cool—you say 'Here's to you,' and then you drink it yourself."

V V V

"**Bill** shouldn't have married **Pearl**. In six months' time she's made him a pauper." .....

"Wow! Is it a boy or girl?"

V V V

Slip in the Type.

From a small town weekly:

"For sheer fight and tricks and stamina," says **Indian Pete**, local fishing expert, "give me a small-mouth lass about sundown any evening."

V V V

So keep out of those thunderheads you engineers and now that you've got your G. I. haircuts let's clip the axis.

Pete "Fisher 'Min'" **Minwagen**.

# Thirty teams in IIT Relays; more expected

## Track Stars come from eight states

Fourteen more colleges and universities have mailed their entry blanks to John Schommer indicating their desire to participate in the 15th annual Tech Relays. With the addition of these fourteen teams, the total number already in the games has reached thirty.

Teams from all over the country have entered. Eight states; Illinois, Indiana, Ohio, Michigan, Iowa, Missouri, Wisconsin and Washington are represented by teams. Gonzaga University of Spokane, Washington claims title of the team coming the longest distance; that of 2,000 miles.

Six of the Big Ten, Chicago, Illinois, Indiana, Purdue, Northwestern and Wisconsin are already in the meet.

Michigan State College, the winner of last year's university division entered a team to defend its title. Loyola, the college winner hasn't sent an entry as yet.

A new event is being planned for this year. The suburban high schools of Chicago have been asked to send representatives from each of their three sections. This is the first time the suburban schools have been invited and the new event should prove one of great interest.

Mr. Schommer is working every day to get the details of officials and judges straightened out before the day of the Relays.

Announcement of actual time and other vital facts about the meet will be made next week by Mr. Schommer.

Events to be run this year include the 70 yard dash, 70 yard low hurdles, 440 yard run, 880 yard run, one mile run, shot put, high jump, pole vault, sprint medley relay, one mile relay, and the two mile relay. In years past many records, both national and intercollegiate, have been equaled and sometimes surpassed. A world's record in the sprint medley relay event was set in last year's running, by the amazing Michigan State College quartet.

### ENTRIES IN 15th ANNUAL TECH RELAYS

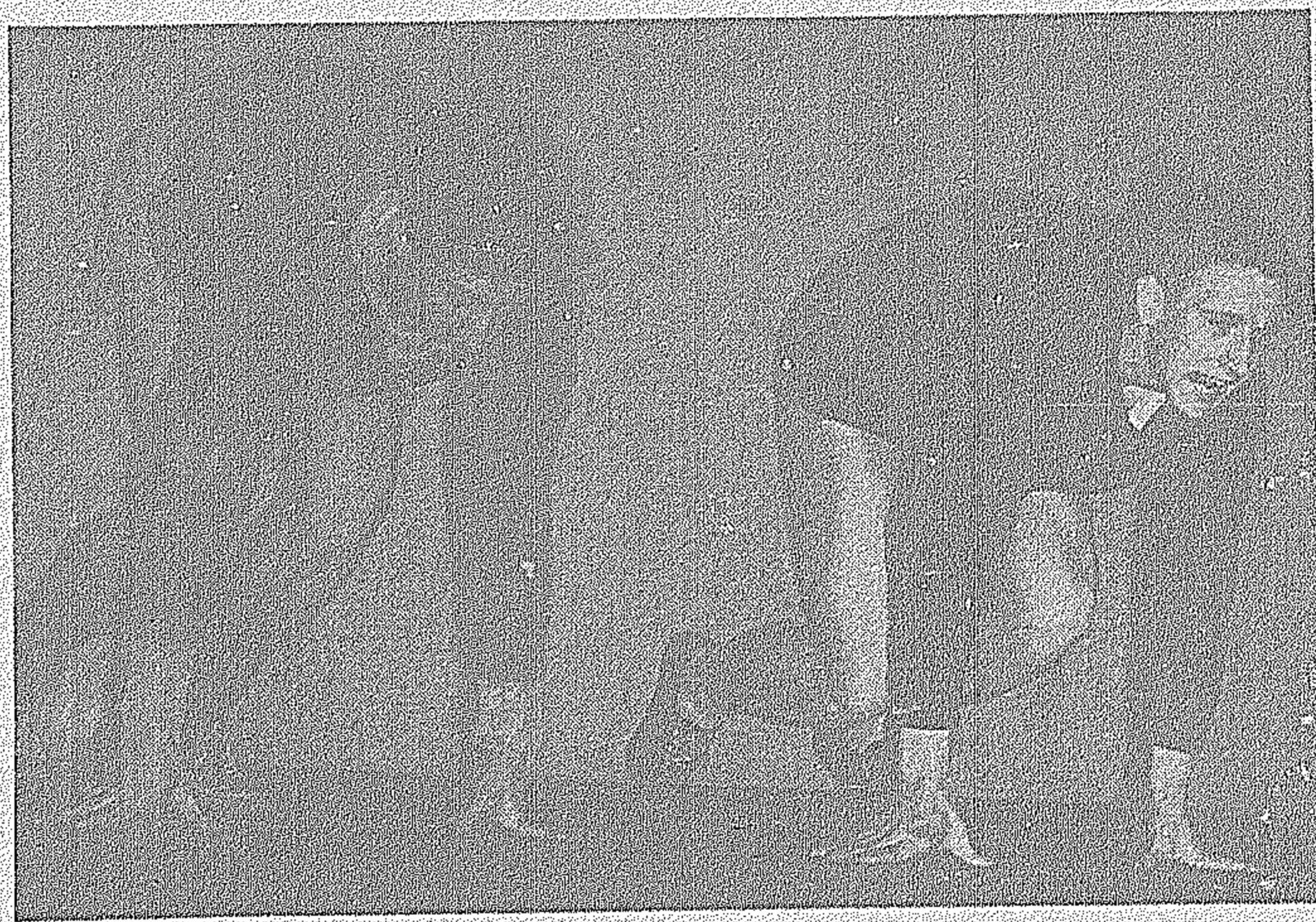
#### UNIVERSITY DIVISION

Notre Dame  
Chicago  
Missouri  
Northwestern  
Wisconsin  
Drake  
Purdue  
Michigan State College  
Illinois  
Gonzaga U.

#### COLLEGE DIVISION

Wilson Junior  
Wheaton  
Morton Junior  
George Williams  
Augustana  
Chicago Teachers  
Baldwin-Wallace  
Cornell  
Monmouth  
North Central  
Grinnell  
Lawrence  
Central Michigan  
Western Ill. State  
James Millikan  
U. of Dubuque  
Carleton  
Miami of Ohio  
Western Michigan

## On Your Mark!



Waiting for the sound of the gun, Sherwin Asow and Jurgen Schmidt listen impatiently. These two Tech trackmen will run for Illinois Tech in the annual Tech Relays, March 13th.

## Dr. Rinehart to coach track

Last week Dr. Rinehart of the Armour Research Foundation took over the coaching reigns of Tech's track team. Rinehart, former assistant coach at Indiana University and ex-javelin champion of the Big Ten, met with the team last Friday and told them of his plans.

Explaining that in many instances track meets are dropped due to improper placement of men in the events, he said he would strive to place our men so that this would not happen to Tech's squad. In the two weeks remaining before the Tech Relays are run, Rinehart will attempt to detect and eliminate the flaws of our trackmen and to bring out their maximum ability.

This year the team has more men out than usual and many of the new men show great promise. As many men as possible will be allowed to run to give them valuable experience for later competition.

In the hurdles there are five men who will attempt to carry our colors to victory in the Relays. They are Capt. Johnston, Cole, Cooley, Harrison and Ingram. In the sprint medley and the two mile relays events our team will be represented by Schmidt, Anschicks, Asow, Paulsen, Haberkorn and Johnston.

In the jumping events we will be represented by Parks, Cooley and Mills while Paul and Pryzycki will compete in the shot put.

### • All hirsutes (Continued from page 1)

ment of this edict shall be laid to a committee, unnamed and known only to the elders.

Furthermore, that a legislature shall pass upon all acts of the aforementioned committee, and

Furthermore, that those found to defy the edict, shall be given a just and equitable trial by his peers, and that the findings of the courts cannot be appealed.

In other words, fellows, anyone found wearing a mustache or beard is going to have the pleasure of a free, dry, shave. The elders spoken of are seniors. Lowly freshmen, sophomores, and juniors, take note and heed this warning.

## Ready Aim Fire!

by Ed Melka

The Illinois Tech Rifle club has completed negotiations for the use of the rifle range at the Armory located at 34th and Wentworth Ave. With this increase in range facilities, the club is now in a position to expand its membership rolls. Although the number of rifles in possession of the club is small at present, with an increase in the membership rolls, the school will arrange for purchase of more rifles. Because of the war the club will not be able to purchase ammunition in unlimited quantities, but enough can be obtained so that each member will get ample supply for practice. As the membership rolls increase, the amount of ammunition the club can secure will also increase.

### Work for Civilian Defense

This year the school has taken greater interest in the rifle club. In these times of national emergency, the value of such an organization on the campus is being realized. A meeting of the rifle club was held Friday and the expansion of membership was discussed. All new members will be coached in the proper handling of the rifle and the safety methods that it is necessary for a good rifleman to know. Inasmuch as a great number of the men at Illinois Tech will enter some branch of the armed forces after graduation, joining the rifle club will enable them to become familiar with small firearms before entering such service. For those men who will graduate and stay home to fight the war on the production front, it will be greatly advantageous in Civilian Defense that they may be familiar with rifles and how to handle them. Those men who show themselves especially adept with the rifle will be selected and placed on the IIT rifle team to engage in competition with other schools.

Remember: this is time of national emergency; it is a worthwhile task for any civilian that has the opportunity to do so to learn how to handle a gun.

## WPB report hits sports

Colleges may get some of the new rubber-centered baseballs, according to the War Production Board. Seven hundred and twenty thousand of them will be made because that many rubber pills were left when the Government put a stop to making golf balls. These amounted to 11 tons and WPB has granted 20 tons of scrap to build them up to baseball-cord size.

The Army has tested the new balls, found them satisfactory, and relaxed the rule which used to call for cork-and-rubber center or the equivalent. If the Army absorbs 80 per cent of all baseballs as it has been doing, about 120,000 will be left for colleges, schools and industries.

### BOWLERS AFFECTED

When it's a question of obtaining critical materials, war goods come first. That goes for bowling, billiards and pool, badminton, ping-pong, archery, and other sports.

Eventually all bowling balls will be wooden. Some laminated wood balls are already on the market. Plastic bowling balls are out, unless new plastic of some such non-critical material as casein or lignin can be found for the purpose. Experiments to this end have been conducted for a number of years, and a sample ball is now being tested at the National Bureau of Standards.

Whether the million and more pins manufactured every year can continue to be made is uncertain. Pins call for extremely well-seasoned maple or even better grade than is required for alleys.

### GALS TO SET PINS

Shortage of pin boys has already entered the picture. Most able-bodied young men—and pin setting requires a certain amount of agility—are either in the armed services, or about to enter, working in war plants, or about to do war work. The day of girl pinsetters—in natty uniforms, of course—may be

(See WPB Report page 7)

## Swimmers lose twice in week

Tech's swimming team minus the services of Jim Mc Nerney and Bill Maier was swamped by De Pauw by a score of 56 to 10 at the Ida B. Noyes pool. Previous to the calling of the two boys named above, De Pauw had been the only team to defeat our swimmers this year.

On this occasion the De Pauw boys had a much easier time as they swept to first and second places in all events but the 100 yard breast-stroke. Tech's Bud Nusbaum won out in this event for half of our points. Our team had to forfeit the diving event due to the fact that we did not have enough men.

### Revenge by Lawrence

This defeat following the trimming we received from Lawrence College the week previous ruined the chance that our team had to better last year's record of six victories and two defeats, the best in the schools history.

The defeat by Lawrence was a score of 43-23. Joe Peter and Jack Tregay took firsts in this meet. Peter finished ahead of the pack in the 200 yard free style while Tregay took first in the diving event. Bill Maier for the last time on this occasion took second in the diving event, second in the 100 yard back-stroke and third in the 50 yard free-style to garner 7 points.

### Navy next

We have only one meet remaining, that with a greatly improved Navy Pier team. One meet was canceled with North Central when their team lost thirteen men to the ERC.

### GOLFERS ATTENTION

There will be a meeting of all old and prospective members of the golf team. Freshmen and sophomores are especially invited. Meeting to be held in U2W, Tuesday, March 2 and at 5:00 p.m.

H. R. Gillespie, Mgr.

## STARS IN SERVICE

**DARNEY ROSS**  
THE FIRST MAN TO HOLD THE LIGHTWEIGHT AND WELTERWEIGHT TITLES.

FIGHTING WITH THE MARINES AT GUADALCANAL, ROSS DISTINGUISHED HIMSELF BY KILLING AT LEAST 20 JAPS WHILE PROTECTING A PAL IN A SHELL HOLE FOR 24 HOURS.

**HELP UNCLE SAM WIN THE WORLD'S TITLE!**  
INVEST 10% OF YOUR INCOME IN WAR BONDS

## Quintet downs ACPE again to tune of 64-41

Illinois Tech's scarlet and gray quintet came through with their fifth straight victory and their ninth win of the current season in disposing of American College of Physical Education by a count of 64 to 41 on ACPE's home floor. It was the second victory this season for the Techhaws over ACPE. In the first encounter, Tech's cagers rolled up the highest score ever made by a Techhawk quintet.

IIT's victory in this second game assures us of our best basketball record since 1936. There was no individual star for the Techhaws; the victory was a result of fine team play and cooperation. Captain Jack Byrne was high point man for Tech, but Bieschke of ACPE tok scoring honors for the evening with a total of 15 points.

The results of the games with George Williams and Wheaton are not available, but a complete resume of the season will be given in the next issue of TECH NEWS.

| ILLINOIS TECH 64 |    |    | ACPE 41     |   |   |
|------------------|----|----|-------------|---|---|
|                  | B  | F  | B           | F | P |
| Kilgeriff        | 3  | 1  | Sandler     | 0 | 0 |
| Haughey          | 2  | 1  | Biescke     | 6 | 3 |
| Gavin            | 1  | 3  | Todd        | 1 | 2 |
| Kidd             | 3  | 0  | Christopher | 2 | 0 |
| Fleischer        | 3  | 0  | Pugliese    | 3 | 1 |
| Swanson          | 0  | 0  | Maskowitz   | 5 | 1 |
| Byrne            | 6  | 1  |             |   |   |
| Dambrosa         | 0  | 1  |             |   |   |
| Puchalski        | 2  | 0  |             |   |   |
| Shepherd         | 2  | 0  |             |   |   |
| Michels          | 2  | 2  |             |   |   |
| Peterson         | 2  | 1  |             |   |   |
| Gibbons          | 0  | 0  |             |   |   |
| Oldshue          | 1  | 0  |             |   |   |
| Konkol           | 0  | 0  |             |   |   |
| Tubergen         | 0  | 0  |             |   |   |
|                  | 27 | 10 | 17          | 7 | 9 |

## WPB report gives substitutes

(Continued from page 6)

just around the corner.

Bowlers will see no new pin-setting machines for the duration, but iron and steel may be obtained for repair and maintenance of old equipment.

Shellac, the ideal coating for bowling alleys, is now needed in huge quantities for essential war equipment—for planes, tanks and guns.

For ping-pong players there still are balls, paddles, and tables. The balls are now being made of low-grade celluloid.

Badminton players will find nets and rackets as before. Shuttlecocks, too, are still on the market. No lack of wood for bows and arrows is in sight. Stocks of flax for bowstrings should be adequate for some time. The possibilities of cotton are being explored.

New wartime footballs, basketballs, and other inflated balls don't wear as well as those normally made, though they are satisfactory in other respects. That is the verdict of the several colleges and universities which have used the new balls extensively. Bladders for footballs, basketballs, squash, soccer, and volley balls are now made of scrap or reclaimed rubber, which lacks the resilience of new rubber.

Eventually even scrap or reclaimed rubber may not be available for bladders. Rubber which is scrapped and reclaimed more than once or twice loses its elasticity. All leather of military weight and quality is being reserved for military orders, but there are plenty of small pieces of leather suitable for sports equipment.

# Techawk stars pilot allied planes; tell of thrills

## RCAF and Navy fighters visit scene of college life

By Harry Burkart



Brian Brown, RCAF pilot navigator, smiles a "feeling fine, Sonny" to Mr. Weissman. Having just received a telegram telling him of his commission Brown, a former hockey player, has plenty of reason to smile.

## "TECH HAWK TALK"

by BACKAS

It looked like rain on fifth floor main last week, but it wasn't. The pools of water that were observed all over the floors were deposited, I am informed, by freshmen who dared to ride the elevator. These misinformed underclassmen were taught the tradition of Illinois Tech the hard way. Tough luck, fellows, but I hope your experiences will set an example to your fellow "green caps."

With entries still coming in, the Tech Relays look like the biggest thing in the Middle West. No Tech student should miss this event. Watch this column next week for instructions as to how to get to the fieldhouse and the ways and means of obtaining admission to the event. Get your dates. Don't forget the date. It is Saturday evening, March 13.

Much to my regret, I have not received any news from the Lewis campus pertaining to sports. I would like a few boys or girls writing every week from Lewis, but I haven't received any offers yet. Florence Bartusek is the one to see if you would like to write sports for Lewis. Here's hoping I get a super scooper.

George Crawford of Techawk hockey fame has been a member of this squad for nearly four years. George, one of the originators of IIT hockey, is going to graduate this June. He has given much time and energy to his job of pushing pucks past the opposition and yet he has not received a letter for his efforts. I hope the ITSA board will vote on this question and whether hockey should be made a minor sport or not on the campus.

The intramural wrestling tournament has not been run off as yet. The 165 pound survivors will clash this week to determine the champs of that class. These grapplers, Ted Stein and Claude Anderson have been waiting for a chance to strangle each other. Results of this bloody affair will be released as soon as the blood clogs.

The hockey team has announced its annual "Hockey Hop" to be held in the Student Union, Saturday, April 3. A band has not been selected as yet, but two "bassos profundo" have been asked to appear. Doc Davey and Sonny Weissman will lend their respective vocal talents to the event. Tickets will go on sale soon and the proceeds will be used for vital hockey team needs.

A letter from Don Keigher informs me that a whole flock of IIT men are attending the Navy's school, Prairie State, in New York.

Our new track coach, Dr. Rinehart, is a fellow you will all want to know. I hope he receives the hearty support of the student body in his effort to organize the track team.

One of my reporters tells me that the basketball team are quite proficient in the art of wolfing. I will not mention names but certain players by the initials of Ray Tubergen, Vince Haughey and George Konkol show a definite weakness for redheads.

The loss of McNerney and Maier to the swimming team is showing its effects. The team lacks the punch and spirit of these fellows. The newcomers are showing improvements with every meet and with a few more additions to their squad, the swimming team could regain its prestige once again. Bud Havlik, the manager, would like to see some freshman high school swimmers. How about it, frosh?

The tennis, baseball and golf teams are preparing to open their seasons soon. Positions on all of these teams are open and the coaches will welcome prospective members with open arms.

In closing, I would like to congratulate former sports editor Warren Spitz. In one week two important events, becoming engaged to a sweet miss and receiving his commission in the U. S. Navy. It seems a tradition for sports editors to become members of Uncle Sam's fleet.

On December 6, 1942, the Tech bucketballers played U. of C.; Warren Sommers, now Ensign Sommers was the high point man of the game. On December 7 came Pearl Harbor. On December 8 Ensign Sommers left the Institute to enter the service of his country as a member of the Naval Air Corps. Warren, who was a 4-A co-op at the time with an average of 2.3, came back to visit his alma mater last Tuesday and to renew some of his old acquaintances. He decided that he would rather bounce the heads of a few Japs around than to dribble along with the skin of a pig, although little difference could be seen in what he was to bounce.

Warren received his wings last December and is now awaiting orders for active duty. He stated that his instructors during the training period were those men who had become heroes in the Battles of the Pacific. The school work, he said, was very simple in comparison with the work he had had to do here.

While speaking of some of his experiences, the subject of his first landing on a "flat top" was brought up. "When we come in for our first landing on a moving ship, we get that funny feeling in the pit of our stomachs, and say a little prayer."

This quiet, reserved fellow, typifies the kind of stuff that our naval airmen are made of. Luck to him!

## Gillespie bowls 222; Bowlers gutter 'em as pinboys sweat

Rounding out the first week of the current intramural bowling tournament, the bowling teams had a chance to recondition themselves for the grueling series to come.

Starting out with a bang, the Jr. Civils and Jr. Juicers trounced the Soph Chems and Jr. Mechs respectively. The Soph Civils and Soph Juicers, inspired by the successes of the junior members of their departments, routed the 4th year Co-ops and the Jr. FPE's. To end the week's results, the 5A Co-ops lost to the Soph Mechs while the Jr. Chems won their series by a forfeit over the Sr. Mechs, who failed to show up for the game because of the lack of bowlers.

Ace men of last week were Harry Gillespie with 222 pins to his credit for high game, while Angelo Sharres bowled 522 for high series.

The intramural bowling tournament is based on double elimination. Each team bowls three games to a series, with two games out of three deciding the series, and the loss of two series eliminates the team from the tournament.

All those who turn in scores are requested to turn them in before 5:00 p.m. on Friday of the week the game is played. Along with the score should appear the total pins per man for each game, and the sum of the three games for each man.

The schedule of this week's games will be found elsewhere on this page.

How would you like to have part of a propeller blade come flying by your head? That was the plight of the then flight Sergeant Brian Brown, one of the original members of the hockey team (he lost one of his teeth playing), when he was flying an old bomber that had a cracked propeller. The prop came flying through the side of the ship, whistled a few scant inches above him, and courteously left through the other side. The vibrations of the other half then began to tear the motor out of its moorings, so the men had to take a flying jump in the air. Friend Brown hadn't done this before, but he had read the instructions sheet that comes with every chute, so he should know what to do, shouldn't he? Well, he jumped holding the rip cord for dear life. After giving a terrific jerk to the cord, the cord was found to be dangling in his hand! It must be a funny feeling to fall through space and find that the rip cord didn't stay where it belongs. But everything came out all right because it is supposed to come out, and to prove it Bryan walked into Chapin Hall Tuesday with a telegram in his pocket stating that he had been promoted to a pilot officer of the Canadian Air Corps. He had previously turned down a commission because he didn't want to stay in Canada as an instructor.

Bryan was born in Canada and thus could not enlist in the U.S. Army or Navy Air Corps even though he had lived here since he was three years old. He left Tech after spending a year and a half here and went to Canada. He received his training in New Brunswick where it was slightly chilly, ranging from thirty to forty degrees below zero at times, which is a bit cold for flying, so the students thought. However, their instructors didn't agree with them. Bryan was ordered to take both pilots and navigators training and that leads up to quite a bit of hard work. Most of the instructors had come back from active service in England and thus had first hand knowledge of what a man needs to know if he wants to stay alive.

Out of 26 fellows in his class, three of them received commissions; he was one of them. A few copies of TECHNOLOGY NEWS were sent him, and both he and his friends had good laughs reading the Slipstick. The fellows really enjoyed the paper.

### BOWLING SCHEDULE FOR WEEK ENDING MARCH 5TH

|  |
|--|
| Tuesday  |
| Jr. Civils vs. 4th yr. Co-ops.   |
| Wednesday  |
| 2A Co-ops vs. Soph Juicers   |
| Jr. Mechs vs. Jr. F.P.E.   |
| Thursday   |
| Soph Mechs vs. Jr. Juicers   |
| Soph. Mech. Aeros vs. Soph Chems   |
| Friday   |
| Freshmen vs. 5A Co-ops   |
| Jr. Chems vs. Soph Civils  |
| Captains of above teams should see each other and make final arrangements. Results should be in Friday 5:00 P.M. |

# GREEKS

## Alpha Sigma Phi

Brother Robert Erikson was recently appointed rushing chairman; and so far the work seems to be progressing quite well, since the following men have recently been pledged: Robert Jonelis, Louis Long, and Donald Price. Erikson's campaign is continuing and it is expected that quite a few more men will be pledged this semester.

## Delta Tau Delta

This Thursday night the alumnae of Delta Tau Delta plan to hold a dinner at the house. They will talk over old times and make plans for the future.

On Saturday afternoon the Delts are having a get-together at the Palmer House. The Delts come from all corners of the country and enjoy that good old Chicago hospitality.

Last Saturday night the boys held a sweater dance which was enjoyed by all. Dr. and Mrs. Richter, who chaperoned the affair, entered right into the spirit of things.

Delta Tau Delta is pleased to announce the formal pledging of Dougan Luebben.

## Kappa Phi Delta

Formal initiation was held by the Kappa's, Saturday, February 27, at the Webster Hotel, before the alumnae. This gala affair climaxed with a song and dance program put on by the newly initiated sisters, Jane Ahrens, Lillian Seges, Isabella Winter, and Dolores Zwierzko. They are now full fledged Kappa's!

Ruth Body is now feeling better and will be coming down to school one of these days. Best wishes from "her to you"!

Patricia Arns has left school this semester, but she hasn't gone too far. She's now working in the other building for the Signal Corps! At least we see her during her lunch hour!

## Pan-Hellenic Tea

Freshman students were introduced en masse to the girls of the four sororities at Lewis, Wednesday, February 24, at the bi-annual Pan-Hellenic Tea, held in the Faculty Dining room.

Miss Mollie Cohen, of the English department, now the newly appointed sponsor of the council since Mrs. Helen McKinzie left, had a good chance to become acquainted.

Tea and cakes were served through the arrangements of Reva Matthews and Ethel Witt, with each sorority cooperating fully for the party's success.

## Phi Kappa Sigma

Prune pudding and intestinal flu have kept the boys quite busy and away from classes this week. Bud Havlik has tallied up quite a score—he has the all time record for reaching almost any point in the house with unbelievable rapidity.

Jack Brownson has just begun to believe that broad minded women are all they're cracked up to be. "A couple of the boys were whoopin' it up" . . . but then that's the same story. Mondays, Wednesdays, and Fridays President Jack Boland limits the length of phone conversa-

tions: he does his calling on Tuesdays and Thursdays.

## Pi Kappa Phi

Last Saturday night an exclusive number of brothers were held spell-bound by the lilting syncopation of the Pi Kappa dance box.

This dance was by no means an everyday run-of-the-mill affair. With all due respect to the excellent music provided by our able social chairman, J. Mark, the main attraction of the evening were the beautiful sweater girls, who seemed to materialized around every corner.

According to all present the dance would have continued until the afternoon of the next day if the needle in the dance box hadn't melted.

After the chapter meeting Wednesday night, the mid-week grind was broken by an engagement party for Herb Hansen, who had announced last week the forging of the final link. Many songs were sung and the party finally broke up as 25 weary-throated crows wended their way to the books.

For the past few days Doug Snyder's brother Jack of the US Coast Guard has been visiting the house before assuming his new post. Brother Russ Freedain is deep in the heart of the old South waiting induction into the army.

With the howls of the wild West, a Western style dance was thrown Saturday night, February 20. Queer games were played by all who attended.

## Rho Delta Rho

In a gay festive mood, yet mindful of the gravity of the situation, the entire fraternity spent last Sunday night in wishing Trevor Miner bon voyage. Accompanying him in the Army Air Force is Marvin Berman, while Eugene Nedwick went to the University of Chicago Meteorology School.

For the spring semester we announce the pledging of the following men: Art Berman, Charles Berman, Art Greenwald, Irving Lichtenstein, Bill Stein, Bill Weinsten, and Alex Weiss. To celebrate their pledging, a theater party is being given in their honor. The pledges and their dates will be Rho Delta Rho guests at a performance of "The Eve of St. Mark" on Friday, March 12.

With the payment of tuition and dues over, the boys' financial condition is in excellent shape. Nevertheless, Si Enthman, Ben Livin, and Earl Lichten will run a hard times party for the fraternal body Saturday, March 20.

## Sigma Alpha Mu

The call to duty was answered at the "Sammie" House last month. Off to the west coast went graduate Earl Sherman, in aviation engineering, to the job waiting for him at North American Aviation Co. To the Army went Allan Raff, Aaron Steinberg, and Marvin Glaser. Al Raff's assignment is in meteorology. The Army Air Force takes its share of boys by calling Jerry Kaplan to the colors this month.

The vacancies in office left open will be competently filled by Lev Davidson and Morton Paul. Sigma Alpha Mu heartily welcomes the new '43 pledge class which includes: Irving Kornfeld, Wilson Junior College; Bernie Peskin, Wilson; Fred Spector, Wilson; Roy Comart, Eras-

mus Hall High, N.Y.C.; Harvey Marder, Lane Tech; and Norm Offener, Armour. The fraternity is now comfortably settled in the new house at 3230 S. Wells St.

## Sigma Omicron Lambda

The Sigma Omicron Lambda Sorority held its annual dinner-dance on Saturday, February 20, in the Marine Dining Room of the Edgewater Beach Hotel. Many of the girls invited service men to be their guests. They certainly have the patriotic spirit!

Joanna Alenkamp, an alumna, became Mrs. Charles Kush, on Saturday, February 13. She wore a bridal gown of egg-shell satin. Her veil was finger-tip length. Loretta Grellner, another alumna, was one of the bridesmaids.

Lorraine Hamm Reinhardt recently became the mother of a son, Charles Henry Reinhardt, III. Congratulations! Lorraine is an alumna who graduated from Lewis in 1940.

Myrna Lokay, a co-op active, is now in the hospital recuperating from an appendectomy. Best wishes for a speedy recovery, Myrna!

Gloria Landin is wearing a Daedalian fraternity pin—presented to her by Gordon Campbell. Congrats!

## Theta Xi

The roster of Alpha Gamma chapter of Theta Xi was swelled recently by the initiation of nine men. The new brothers include: Donald Johnsen, Harold Scholin, John Weber, Clifford Knauer, Gordon Cole, George Loeffler, Frank Graf, Glenn Runstebm, and Alfred Kautzi. In addition, Irvin Rebeschini, Donald Dahl, James Norina, Salvatore Terranova, and Russell Osman were awarded their pledge pins, and it is probable that several more will be pledged in the very near future.

We'll all regret losing brothers Robert Klein, Howard Smith, Clifford Knauer, and Alfred Kautzi. Klein will soon be wearing the navy blue in the form of a midshipman's uniform, whereas the others expect to be khaki-clad within the next few weeks.

Officers for the new term are John Koza, president; John Cox, vice president; Donald Johnsen, treasurer; John Weber, corresponding secretary; and Gordon Cole, houseman.

## Triangle

Triangle is pleased to announce the initiation of seven new men into the fraternity. They are: Hugh St. Clair Christian, ME '46; Thaddeus Majewski, ME '46; Robert Guthrie, IE '46; Robert Ronk, ME Co-op '47; Damon Martin, ME Co-op '47; Thomas Dunsheath, ME Co-op '45; Jack Soderberg, ME Co-op '45.

The initiation ceremony was held at the fraternity house and the initiation banquet took place at the Bismarck Hotel.

A number of Triangle men donated their services and time to help the government distribute ration book number two.

# Organizations

## Armour Eye

Flash, click, and another picture has been taken by a member of the Armour Eye. The photo will either appear in the Technology News, Illinois Tech Engineer, the Integral, or be placed on exhibit in the Student Union Building. The developing and printing are done in the two laboratories of the clubroom. The equipment and the usual chemicals are purchased from the membership fee of three dollars a semester.

If anyone is interested in the Armour Eye they may obtain additional information on the fourth floor of the second entrance Chapin. One of the members can usually be found there daily between ten and eleven o'clock; the regular meetings of the club, however, are on Fridays.

Members of the club often receive discounts on purchases from outside sources. The only materials a member must buy are the paper, film, and certain special chemicals.

The club received President Heald's permission to have their five rooms remodeled and painted while the decorators were visiting Chapin Hall.

## FACULTY BRIEFS

One of Dr. William Krathwohl's hobbies during the past twenty-three years has been the maintenance of the same digits on his automobile license plates. These five numbers, 22449, represent the square root of five expressed to five places. Dr. Krathwohl had intended using the first digits of pi as the plate numbers, but thought better of the idea when he realized that sooner or later some bright students would begin to call his car the "pie wagon."

Professor Rufus Oldenburger lectured to the faculty and student body of McGill University, Montreal, Quebec, Canada, last month on "Applied Mathematics." This lecture covered some of the principle techniques used in solving engineering problems by mathematics.

## Research Shorts

Mr. Norman C. Penfold, Supervisor of Engine Research, will attend the Cooperative Research Council meeting in Detroit, Saturday, March 6.

Dr. C. O. Dohrenwend, Supervisor of Engineering Mechanics, spent the last week on the West coast visiting plants of the Weyerhaeuser Lumber Company.

Dr. R. G. Spencer and Mr. Ardelle Glaze of the Metals and Minerals Section visited the wire drawing plant of the National Standard Company at Niles, Michigan, on Thursday.

Dr. Martin H. Heeren sent a part

## Dance Club

The Illinois Institute of Technology's Dance Club, the club that provides its members with finer feminine forms, is beginning another season.

For the benefit of those persons who have not yet heard much about this organization, a few notes that will be of interest have been inserted here. This club retains a professional dancer to instruct the members in the art of finer ball-room dancing, including the waltz, fox trot, rhumba, etc. The past, highly successful season, culminated with a dance in which the women-folk and refreshments were provided by the club to the full satisfaction of all (the latter statement was made because the guys and gals who coupled up at this party have been seen coupled up at various other socials). There is also a date bureau containing the names, addresses, telephone numbers, and pictures of about one-hundred bits of feminine pulchritude, which is open to the club members.

The club held a meeting last Friday. Newly elected officers are: Ted Pilat, president; Renny Bergren, vice-president; and Ray Gavin, secretary. It was announced that a social will be held in the very near future. All new members will be eligible to attend.

All students who are interested in joining this club should watch the bulletin board for an announcement of the next meeting.

## IAeS

Future plans of IAeS call for meetings consisting of movies, lectures by prominent men, and other activities to carry out the organization's purpose of "advancement and dissemination of knowledge of the theory and practice of the aeronautical sciences and provision to students of the opportunity to become acquainted with the personnel and activities of the IAeS, and the fostering of professional consciousness and fellowship."

of last week in West Virginia and in other sections of the East interviewing candidates for appointment to the Foundation staff.

Dean A. A. Potter of Purdue University, College of Engineering, visited the laboratories of the Armour Research Foundation on Thursday.

Harold Vagtberg, director of the Armour Research Foundation, will demonstrate the Wire Sound Recorder before the members of the IIT musical clubs next Thursday at 5 o'clock. Following this explanation of the device, the clubs will begin practice in preparation for making wire recordings in the near future.

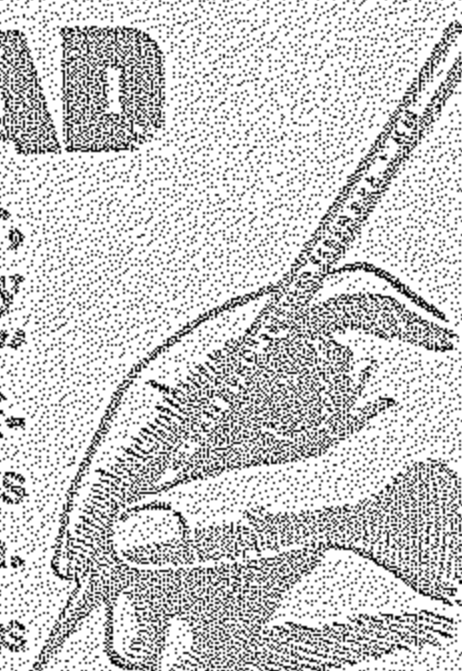
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