

By Jim Brophy, Editor

THE NUMBER of entries in the *Technology News* Junior Prom queen contest far outstripped any other similar event that has been held in the last few years. Because of the large number the managing board has decided that the queen's court will consist of four instead of two ladies as was originally planned. Some weight was also given to the fact that of the 458 votes cast, two-thirds of them went to the top five winners.

SPEAKING OF the balloting, 458 votes represent a large increase over any other student poll or election held recently. Even the all-mighty ITSA could not approach this number in the all school elections held this term.

THE LONG-AWAITED Junior Week has finally arrived. The many activities and events which have been dwelt on so much, are explained again in this issue. Therefore it should be possible for everyone to see the things he wishes if he cannot see everything. The complete schedule of open house on page six may be an aid to this end.

IT IS NOT too early to begin making plans for next semester. One thing that is greatly needed is some improved arrangement regarding the free hour on Fridays. The situation now makes it almost impossible for anyone to attend all the meetings he should or would like to. All-school assemblies, meetings, sports events, and lunch time all vie for the one hour a week that is open.

### Dramatech to Give Three Act Comedy Tomorrow Evening

Dramatech will present the three act comedy, "Out of the Frying Pan" during Junior Week, tomorrow night at 8 p.m. in the SU auditorium.

The play, written by Francis Swann, was first produced in New York in 1940. Since then it has become a perennial favorite with both professional and amateur groups.

The play is directed by Miss Jane Goelet. The players are Marisdell Dixon, Hope Iverson, June Lyons, Audrey Read, Pat Vedel, Joe Sweeney, Bill Knowles, Don Liebman, Dick Yale, Bob Trebilcock and Bob Wardlaw.

"Out of the Frying Pan", introduces the audience to a theatrical producer who would rather produce an artistic recipe than an artistic play; a landlady who is unable to realize that a murder in a play is not real; two policemen who are never quite sure whether or not a crime has been committed; a young girl who believes that only communists wear girdles and a politician from Boston who agrees with the young girl.

Finally there are the heroes and heroines,—three young actors and three young actresses. To combat inflation they share (1) expenses, (2) the same apartment.

During the play the audience will become accustomed to the odd machinations of the six youngsters in trying to get the Broadway producer to see their play. To achieve their goal, they appease the landlady; re-enact a murder for the two policemen; persuade the young girl to become a corpse via a mickey finn; tell the politician, who is overly critical of their play, to go to Boston with the rest of the censors.

### Dr. Max Frocht to Join Faculty at Illinois Tech

Dr. Max Frocht will join the staff of Illinois Tech in August as a professor of mechanics. Dr. Frocht will replace professor C. O. Harris who is leaving for Notre Dame at the end of this term.

Dr. Frocht has been specializing in photoelasticity, a method for investigating the distribution of stresses, and probably will continue to do so here in addition to his classwork.

# TECHNOLOGY NEWS

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ILLINOIS INSTITUTE OF TECHNOLOGY

Tuesday, May 28, 1946

## Junior Prom Queen is Elected

### Tickets For Junior Prom A Near Sellout Dance to Be Climax Of First Junior Week Activities Since 1943

Due to the enthusiastic purchasing of tickets, virtually all tickets to the Junior Prom have been sold, according to Wit Kosicki, chairman of the Prom committee. Remaining tickets may be purchased from Whitey Hassler, ticket chairman for the prom. The committee also announced that the dance expenses have been met.

The prom to be held on Wednesday night in the Gold Room of the Congress Hotel, will climax the activities of Illinois Tech's first Junior Week since 1943.

Vivian Martin, talented songstress, who just finished a six month's engagement at the Chez Paree, is the featured vocalist with Del Rene's orchestra. Rene, who is heard regularly over Station WBBM, recently appeared in the Marine Dining Room of the Edgewater Beach Hotel. His orchestra has played for several previous IIT functions. The orchestra has been engaged to play Wednesday night until the last couple leaves.

Since the ticket sale has been limited to 400, ample space for dancing is assured. Table space to accommodate the majority of dancers will be provided in the balcony and the rooms adjacent to the ballroom, dimouts offer no threat to the function because the ballroom, being on the second floor, does not require elevator service. A mobile power unit will be available in the event of light failure.

During the intermission, the Prom Queen chosen by last week's election will be presented. Her court will consist of the runners-up in (See JUNIOR PROM on page 5)

### Chi Epsilon Fraternity Holds Formal Initiation

Chi Epsilon, honorary civil engineering fraternity, held its formal initiation on Wednesday, May 22. Those initiated were Herbert Reisman, Richard White, and Howard Baum. Following the initiation, a dinner was held at Marty's Restaurant, 936 West Diversey.

The initiation terminated a one month pledge period. During this period the pledges were required to carry a level rod and a rivet. The pledges were also required to know the definition of Portland cement, before the initiation.

Six faculty members of Chi Epsilon were also present at the dinner. Martin Salmon was again elected president of the group.

### HE's to Hold Open House At Downtown Center

The Home Economics Department will hold Junior Week Open House tomorrow afternoon from 2 to 5 p.m. The program will be held at the Downtown Center, 18 S. Michigan Ave.

All laboratories, which have been newly arranged and decorated, will be open to visitors. Guests will be conducted through the department by student guides.

Tea will be served during the afternoon by students of the meal preparation and table service class in the practice dining room of the Downtown Center.

### Dedication Speaker



BUREAU CHIEF—Vice-Admiral Louis E. Denfeld will speak at the dedication of Alumni Memorial Hall as part of Junior Week next Wednesday morning. Denfeld is chief of the Bureau of Personnel.

### Many Notables to Attend Dedication

Dedication of the new \$350,000 Alumni Memorial Hall on the Technology Center campus will take place at 11 a.m. on Wednesday morning. The ceremony will highlight a two-day Junior Week and Alumni reunion at the Institute.

Vice-Admiral Louis E. Denfeld, chief of the Naval Bureau of Personnel, will speak at the dedication of "Our Colleges' Role in the Training of a Naval Officer."

Illinois Tech's Alumni Memorial Hall, believed to be the first new building dedicated to the dead of World War II by any institution, will contain a plaque with the names of nearly 100 alumni and former students who lost their lives in the war.

Many other naval and civilian dignitaries will be present at the dedication ceremonies. Capt. H. A. Lincoln, 9th Naval District Public Information Officer and former executive officer of the IIT V-12 unit will be an honored guest. Others will be Commodore C. A. Bailey, Chief of Staff of the 9th Naval District; Capt. E. R. Durgin, aide of Adm. Denfeld; and Capt. F. Monroe, Director of Training, 9th Naval District.

Mr. James B. Cunningham, President of the IIT Board of Trustees will also take part in the dedication presented an honorary degree by ceremonies. Adm. Denfeld will be Lester Armour, a trustee of the Institute.

### Picking a Queen



HARD CHOICE—Shown above are a few of the 458 students who found it difficult to pick a queen from among the 39 entrants in the *Technology News* Queen of the Junior Prom contest. The voting was held last Thursday and the winners will be announced at the prom Wednesday.

### Contest Interest High As Student Body Votes For Queen and Court

Winner Will be Announced at Junior Prom; Number in Queens' Court Increased to Four As 66% of Votes are Cast for Five Entrants

Four hundred fifty-eight votes were cast by Illinois Tech students in the contest to select the Queen and Court of the Junior Prom. The identities of the Queen and the members of her court will not be revealed until the prom. Because it was

found that the top five contestants together gathered in over 66% of the total number of votes cast, the Managing Board of *Technology News* decided that the court will be composed of four members instead of the two runners-up, as originally planned.

At the Junior Prom to be held Wednesday evening, the Queen will be presented with a Silver Elgin American compact. The four members of her court each will receive a pair of gold earrings. These prizes have been on display in the IIT bookstore. The Prom Queen and Court also will receive floral bouquets. The presentations will be made during an intermission by Dr. Henry T. Heald, president of IIT.

Last week it was announced in *Technology News* that unless fifteen entries were received, the selection of the Queen and her court would be made by the Managing Board. By Tuesday morning, fourteen entries had been received. Wednesday afternoon the total reached 29. When the voting began at noon Thursday, 39 entries had been received. Voting was done by the IIT student body between noon and 5 p.m. Thursday.

The Queen of the 1946 Junior Prom is the first queen to be selected exclusively by a student poll since 1944. During this year's contest, over 40% of the student body voted. Two of these votes were cast for "Number 1 1/2", a bearded sailor whose picture was entered by a shipmate. The picture, however, was disqualified as not meeting the requirements as established by the Managing Board.

### Music Department Plans Big Events During Junior Week

This week is the big week in the activities of the music department for this semester, according to O. Gordon Erickson, musical director. Activities include Junior Week festivities and a trip downstate.

Tomorrow night the glee club and the orchestra will perform for the IIT Alumni Banquet at the Congress Hotel.

Wednesday morning the navy band will lead the parade before high ranking naval officers. They will play "Anchors Aweigh" and sound off with three "Ruffles and Flourishes" to honor the three star admiral, Vice-Admiral Louis E. Denfeld, chief of Bureau of Personnel. The navy band together with the concert band will assemble on the balcony of the Armory in Alumni Memorial Hall for the dedication exercises.

Wednesday afternoon at 3:30 p.m. in the Student Union auditorium, the orchestra band, and combined choruses will present their Junior Week concert.

Friday afternoon at 5:15 p.m. the entire music department will have their final rehearsal for their week-end concert trip downstate.

### Dedication Program

The Academic Procession

Star Spangled Banner

Concert Band and Audience

The Invocation

The Reverend Ira G. McCormack, D.D.

Address: "Our Colleges' Role in the Training of Naval Officers."

Vice Admiral Louis E. Denfeld, U.S.N.

El Capitan .....Sousa

Concert Band

The Conferring of Honorary Degree

Vice Admiral Louis E. Denfeld will be presented an honorary degree by Lester Armour, Trustee and former Captain, U.S.N.R.

The Last Spring.....Grieg

The Dedication of Alumni Memorial Hall

For the Institute: James B. Cunningham, President, Board of Trustees

For the Alumni: Vernon A. Peterson, President, Alumni Association

For the Students: John P. Makielski, President, Student Association

The Dedication of the Memorial Plaque

Henry Townley Heald, President

Leonard J. Martiniak, Veterans' Association

The Benediction

# Editorial of the Week

## Peacetime Rationing Urged To Aid Starving Europe

Food is a weapon of peace. If we can see our responsibility to alleviate the suffering felt by the starving millions of Europe and Asia, we will have gone a long way in winning the fight to prevent another outbreak of war. But we are showing disturbing signs of complacency concerning the situation. Here at IIT, we even planned a pie eating contest to be held during Junior Week. This waste of food was averted when several faculty members and students, awake to the need of food conservation, protested to the Junior Week Committee and the dean of students.

We hear people say, "Let the Germans starve. I don't give a hang what happens to them." For Germans substitute Russians, Poles, Greeks, French, or any other country which the speaker may dislike at the moment. This attitude is prompted, in some cases, by a desire for revenge. To these people we must say, for good return good; for evil, return justice. Standing by and watching a people starve will serve no good purpose. The graves of those dead from starvation are the dragon's teeth from which we will reap a harvest of hate, bitterness, and mistrust.

After the last war, we found ourselves in the same position. Then we bungled badly. Our food commission, headed by the great engineer Herbert Hoover, realized then that food could be used as effectively as armies. Theory withheld food from our defeated enemies and from newly formed people's governments, and gave it to those governments they thought desirable. The inevitable result? The fascist governments which fostered World War II.

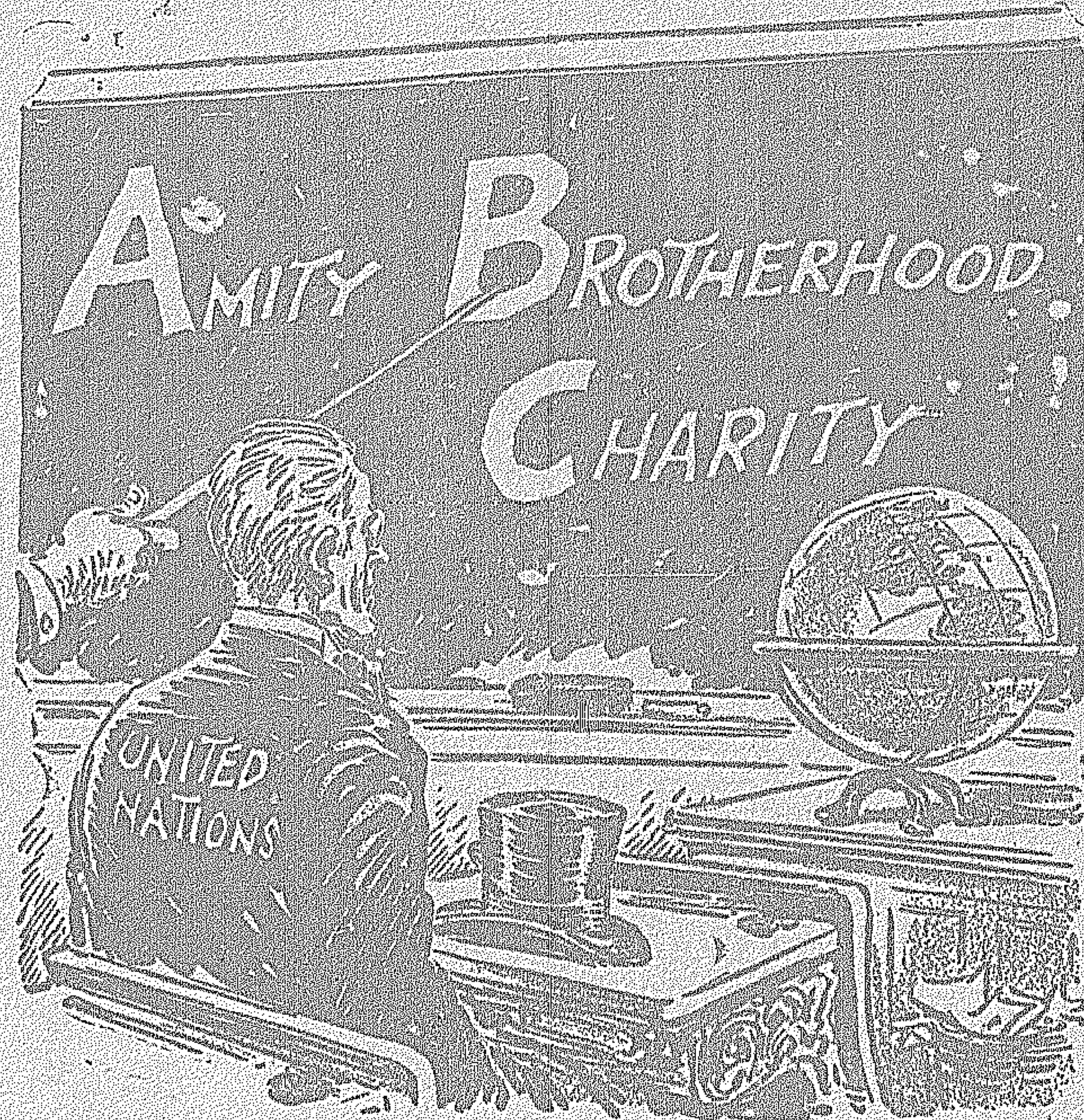
Have we learned our lesson? The evidence does not show that we have. Mr. Hoover, after a long trip abroad studying the food situation, advises a policy of inaction. "Let us wait and see how the crops turn out this fall."

This policy is inadequate. Should the need for drastic action arise, not enough time will be left to set a plan in motion before countless thousands will die and untold suffering is caused.

Argentina will inaugurate a rationing program on the first of July. Here, in this country, we must do the same. Government figures show that we, as a nation, have a weekly diet of 3500 calories. This is more than a full grown man needs to work a full week at hard labor. Surely we can give up some out of our abundance to help keep someone alive.

A student group at the University of Minnesota has started a campaign to urge the adoption of peace time rationing. They have urged that student groups on all campuses be formed to carry on the work. They have asked that petitions be sent to the President of the United States asking him to support the program. They also advise that we send telegrams to our state congressmen. We owe it to ourselves to take up our positions in the battle for peace.

# THE FIRST LESSON



Courtesy Appreciate America, Inc.



Long time no see, folks but we'll try to get back in the groove. It seems that the coal strike even has to interfere with our little column on "local color." Speaking of local color it seems that plenty of it was on display on the west window of the book store. I'm sure that more people observed that display than others that have been there for months. In fact one student was heard to say, "Um-m-m, I'll take two," as he passed (slowly that is) the window. I'm not sure but I don't think he was referring to the picture of our Editor and Chief. However, Number 1 1/2 did get a few votes even though his picture remained there only a short time. Someone must have talked him out of staying in the contest. After all, Mope, give the girls a chance!!

New interests have been added at Armour Square since the secretaries have started their tennis matches. We have always needed something like this to keep the secretaries' interest in the campus alive. I think they enjoy it in spite of all the groans that have recently been heard. Also fellows, you might enjoy it if you drop over some afternoon at 5 p.m. I've heard their tennis form isn't so good but that doesn't hurt their figures.

The science of sleeping in class has reached an advanced stage at IIT. Two students, John Floryan and Homer Deakman, have done some research in the subject and have developed a scheme to continue sleeping even through the noise and confusion of class dismissals. To prove their theory workable the two scholars tested the plan during a dynamic lecture. After class was dismissed, "Sleepy-time John" and "Dilly Deak" continued sleeping. Students passing by tried desperately to awaken them—to no avail. A thoughtful spectator even emptied a glass of water on each—but John and Deak slept on. That was two weeks ago and according to reports to the Steamshovel the two are still sleeping in room 217 Chapin. Take a look!

Seen at the IFC Dance, Maureen Boyle standing on a pedestal with no shoes on. She claims it was only a coke, however several other people were seen who had consumed more than one coke and didn't act that way.

Speaking of absent minded professors, we come to Dr. Reingold this week. After maintaining for about ten minutes that 3 + 2 = 1, he finally saw his error and said, "I guess I've been working too hard lately." Incidentally, if any embryo engineers contemplate taking Dr. Reingold's course next term, here is his system of grading: "An 'A' for the Almighty alone, 'B' for the instructor as he is supposed to know more than the student, 'C' for the excellent student, and 'D' for the average individual."

While eating in the lunchroom last week, we overheard a student say, "I'm so hungry I could eat a horse." The waitress heard the statement and said, "You have come to the right place." You figure it out, we're tired.

Now is the time for our bright and shining friend, C. L. Weeks, to make use of that heard in the forthcoming contest. He has been trying to impress people all term with his manly face but now that the time is here he doesn't seem eager to enter. Are you afraid you would win with no strain, C. L.?

We can't figure these out but here are some nicknames we observed recently:

—Tony "Laughing Girl" Basic, sometimes called Minnehaha (Ha, Ha, that is).

—Robert "I'll Take Two" Wolfe; and I don't think he means chocolate sundaes.

—Oliverio "Casanova" Hincjosa. If the secretaries call him that there must be a reason.

—Jeannie "Gee, I've Got a Stiff Neck" Felz. We don't know why she is called this but I don't think those NU football players are as strong as they seem.

If anyone has any interesting additions to make to this list let us in on the know.

At the AIEE smoker, held at the Furniture Club, operators Eugene Kleeman, Wally Czeropski and Sheldon Levy grabbed front row seats for the show. They claimed they had weak eyes. Kleeman and Levy were so close they became part of the show. The MC brought them up in an "Amos and Andy" skit. "Lightning" Kleeman lost to "Amos" Levy in a hat changing duel. Brother Levy then matched wits with the MC himself and proved to be at least half as witty. Tom Burt claimed he could see the show just as well from the last row—by the door (was he afraid of a raid?)

The moving of filing cabinets in a Chapin Hall office last week resulted in the uncovering of a piece of US currency lost since last term.

The coin is purported to have entered the office thru the transom. Whether this method of entry was caused by throwing or by an over-eager student coin-matcher was not disclosed.

Claims for the long lost legal tender may be made through the Registrar's Office.

—ACP

EVERYBODY'S BUDDY.

### Man Of The Week

## Travis Gains Wide Experience By Extracurricular Activities

Selected as Man of the Week for this issue, Fred Travis is an outstanding example of the engineering student interested in a varied background of knowledge and experience.

A seventh term mechanical engineering student in the NROTC program, Fred has a scholastic average of 2.47 while holding such positions as commander of Company 2 of the navy unit at IIT, president of the senior class, and past president of the junior class.

In addition he is chairman of Junis is also secretary for Week. Travis of Tau Beta Pi; historian of Pi Nu Epsilon and a member of Pi Tau Sigma, mechanical engineering honorary; and he belongs to Delta Tau Delta, a social fraternity. He is also a member of SAE, and ASME.

After graduating from Central High in Scranton, Pennsylvania in June 1941, Fred went to work at the Bendix Aviation Plant in Philadelphia where he spent the next two years working nearly twelve hours each night, and for relaxation during the day he taught drum majoring and baton twirling in a dance studio. It was while working in the assembly line at the aviation plant that he was side-tracked from a musical career to that of an engineer. He was awarded a scholarship in music, when he graduated from high school,

at Susquehanna University near Harrisburgh, Pennsylvania.

Before coming in to the V-12 program Fred was in boot training at Sampson, New York, and later was sent to Radio Technician school at the Naval Armory in Chicago. He then entered the V-12 program and came to George Williams College in March, 1944. One year later he was transferred to the IIT campus where he has been ever since.

Travis expects to be discharged from the Navy at the end of this term, but he intends to come back in the fall for his last term. After graduation he is planning to work for his masters degree in industrial engineering.

While in high school Fred Travis was quite active in various musical organizations, playing in the school band as drum major. He was also a member of the Scranton Amateur Symphony, and during his last year in high school he played in a professional dance band. He also participated in the musical activities of the Order of De Molay of which he was a member for many years.

Fred values the extra-curricular activities he has taken part in at IIT as much as the scholastic activities.

NORBERT GLASSER



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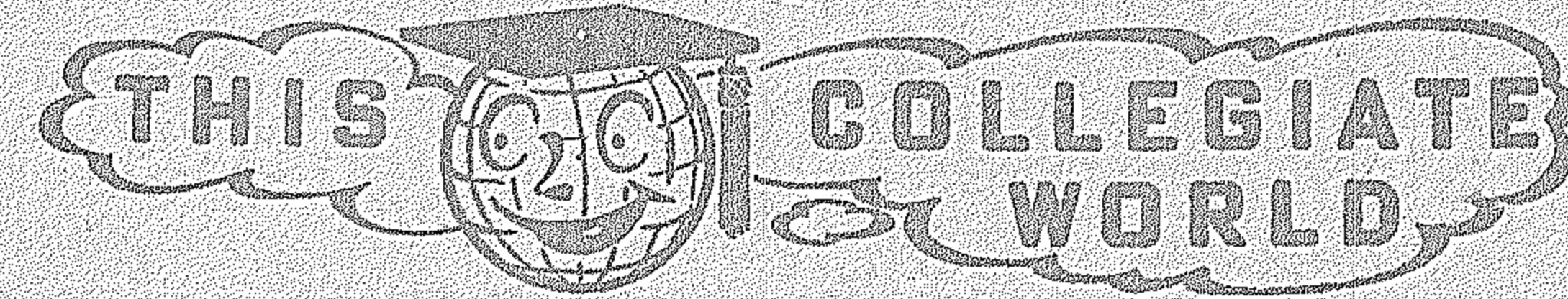
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GI students at Kent State University (Kent, Ohio), who last year were standing sentry duty in the Ruhr and the Philippines, today are hiring out as "baby sitters" in their spare time.

Said one brawny ex-sergeant: "It's easy work unless you happen to get an onery kid, and even that experience may come in handy some day. 'Course there's the money angle, too. A fellow can make up to 50 cents an hour and do his studying at the same time."

What do the mothers think of GI sitters?

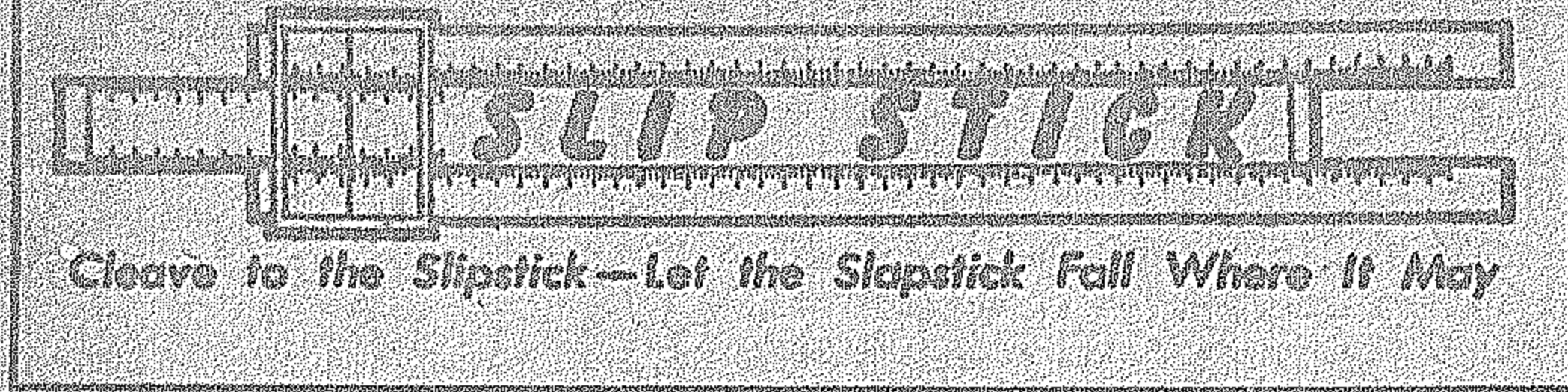
"I'd rather have one than a girl," declared one Kent mother. "Girl sitters are too young and not always dependable. A veteran is very responsible, and in case something happened, I'd feel that he would know what to do."

"I like to have veterans watch my children at night because my little boy needs someone to 'talk tough' with him," said a mother of three children. "My kiddies like the vets and my husband and I want to help the boys earn a little extra money for their college expenses."

Give an old adage a modern twist and it reads, "A gal is a gal for a' that." To illustrate, the men in a class of effective living 152, Michigan State College, were asked to indicate their preference for either the extremely feminine or masculine type of woman. By vigorous hand-waving one male gave a vote to each. "Say, you voted both times," the prof reprimanded. "That's o.k.," shouted the student, "I love 'em all."

Junior Week Activities, 1944

Illinois Tech Vets



Calling upon my resourcefulness, originality, ingenuity, sense of humor, and a half-dozen joke books, I'll again attempt to fill in this space.

—II—  
 "Your girl is spoiled, isn't she?"  
 "Naw, it's just the perfume she uses."  
 —II—  
 An officer approached the young man in the neatly fitting uniform and asked, "What's the eighth general order?"  
 "I don't know," the fellow replied. "Don't you know enough to say 'sir,' either? What outfit are you with?"  
 "Me? I'm with Coca-Cola."  
 —II—  
 Teacher: "Why was it so hard for Paul Revere to complete his ride?"  
 Bobbie: "Because he had to pass so many houses where they had forgotten to pull the shades down."  
 —II—  
 As the little dog said when he came out of the tobacco field, "Does your cigarette taste different lately?"  
 —II—  
 Gallant gentleman: "May I kiss your hand?"  
 Young lady: "Whatsa matter my mouth? Dirty?"  
 —II—  
 Waiter: "Would you like to drink Canada Dry?"  
 ME: "Yeah, but I'm only here for the night."  
 —II—  
 EE: "This is a nice little apartment, but I don't see any bath."  
 Hotel manager: "Oh, pardon me. I thought you were one of those ME's who wants a place just for the winter."  
 —II—  
 "Mother" said Johnny, "Is it correct to say you 'water a horse' when he's thirsty?"  
 "Yes, quite correct."  
 "Then (picking up a saucer), I'm going out to milk the cat."  
 —II—  
 "Is your name Moe?"  
 "No. A horse stepped on my hat."  
 —II—  
 Prof: "Is there a Stanislaw Gdawskeidnozsky in the room?"  
 Voice from the rear: "What middle initial?"  
 —II—  
 A Scotsman, returning from a big evening, had to pass through a cow pasture to get

home. As he reeled through the pasture at 3:00 a.m., his tam-o-shanter blew off. After trying on six, he finally found his own.  
 —II—  
 A professor, coming to one of his classes a little late, found a most uncomplimentary caricature of himself drawn on the board. Turning to the student nearest him, he angrily inquired, "Do you know who is responsible for that atrocity?"  
 "No, sir, but I strongly suspect his parents."  
 —II—  
 Little boy: "Teacher, may I leave the room?"  
 Teacher: "No, Henry, you stay right here and fill the inkwells."  
 —II—  
 "What shall I do?" wailed a sweet young thing. "I've learned that my fiance just cannot bear children!"  
 "Well," comforted the kindly old lady, "you mustn't expect too much of a husband."  
 —II—  
 "What a handsome baby!" exclaimed the visitor. "Does he resemble your husband?"  
 "I hope not," replied the wife, "we adopted him."  
 —II—  
 "Does that girl shrink from kissing?"  
 "If she did, she'd be nothing but skin and bones!"  
 —II—  
 God made a machine; the machine made men;  
 Doctors, lawyers, bankers and then,  
 The devil got in and stripped the gears,  
 And turned out the first batch of engineers.  
 —II—  
 As the little dog said when he came out of the tobacco field, "Does your cigarette taste different lately?"  
 —II—  
 "How did you find the girls at the dance?"  
 Dull tool EE: "Oh, I just opened the door marked 'Ladies' and there they were."  
 —II—  
 My friends think I'm careless, puncturing my tire on a milk bottle, but how could I see it when the kid had it under his coat.



FRESHMEN—The happy group of men shown above are freshmen who have just succeeded in tearing down an effigy of themselves hung by the sophomores from the roof of Main Building. Gasoline from a nearby car provided the fuel for burning the dummy. This is a scene from a Junior Week held in May of 1944.

campus COMMENTS

LETTER TO THE EDITOR—Veterans Moan

Dear Editor:  
 The accusation of the editor against the IIT Vets organization for allegedly refusing to provide guides shows a lack of understanding. This is of serious concern for one who holds such an important position. It is not only in one specific matter, but the editorial policy shows a lack of depth towards the problems at Illinois Tech. The veterans on the campus are busy studying seriously. In many cases, they work and maintain families which take up much time that would be usually spent on campus activities. An opportunity turns up to spend a couple of days at home to get caught up on homework, or perhaps take a well-deserved rest with the family, so why not do so? If the effort expended on Junior Week were applied constructively, an excellent program for the dedication of Alumni Hall with the participation of the entire student body would have been obtained. However, it is more important for a beard-growing contest to be held or some other time-killing activity. A marble tournament would be more sporting. Perhaps it is about time that some of the campus leaders realize that college is a serious matter for many students. It is true that participation in various activities is necessary for a well-rounded personality, but this doesn't necessarily include Junior Week promotion. An improved campus program would be of benefit.  
 Very truly yours,  
 Louis L. Fisher  
 Need For Advisors  
 Dear Editor:  
 Most students are, at one time or another, in need of a certain amount of guidance as they progress in their studies. Such guidance should be given by "psychologically" qualified faculty advisors, each assigned to a limited number of students. In order to do an optimum amount of good, the same advisor should be assigned to a given student throughout that student's attendance at the Institute. The advisor would have to be continuously informed as to the student's progress and contact the student at frequent intervals. If a student is doing poorly in his studies at any given time or any particular subject, the cause should be determined, and a "cure" suggested. I have heard weird rumors as to the existence of such an advisory system, but how many students have actually seen their faculty advisor?  
 Unadvised

Contrary to information given in this column last week, a bus is being operated by the Veterans Administration between 366 Adams and Vaughn General Hospital.

All vets who are planning to attend summer school should check the duration of the courses in which they enroll. Many of the courses do not last a full nine weeks, and full subsistence will be paid by the VA only for the period during which six or more credit hours are carried. For example, if a vet enrolls in two subjects, (each for 3 semesters credit hours) one of which lasts six weeks and the other lasts nine, he will receive full subsistence for only six weeks. Only half subsistence will be paid for the last three weeks because the vet will only be carrying 3 credit hours during the period.

According to the latest information available, all PL16 vets who enroll for the summer session will automatically receive subsistence for the vacation period between August 30 and September 23.

Mr. Wright has announced that the vets who will act as hosts to the gold star families during the open house, will meet at 10 a.m., Wednesday in 118A.

All vets whose class cards in the registrar's office are not up to date should correct them at once. Both Mr. Wright and Mr. De Sylvester, in attempting to locate vets, have found a great many of the cards are not correct. Delwyn Morton Campbell and Edward Allen Morriss have incorrect cards in the registrar's office. If any one knows these vets, he should send them to see Mr. De Sylvester.

There is still a lot of misunderstanding about Va Form 7-1950 A. This form, authorizing deduction of eligibility time for expenses of more than \$500 per school year, should be filed immediately by all PL 346 vets. When a vet fills out this form, it is filed in the vets own folder at 366 Adams. If the vet then decides to pay the excess charges himself, rather than having eligibility time deducted, the 7-1950 A does not go into effect. However, if a vet finds, when the time for payment comes, that he can't make it, the payment will automatically be paid by the VA.  
 ROCKY SPRAGUE

Know Your Honoraries

Tau Omega, Aero Honorary, Fosters Interest in Aeronautics

On April 12, 1945 the Illinois Delta chapter of Tau Omega, honorary aeronautical engineering fraternity, was installed at Illinois Institute of Technology.

Principally because the aeronautical option at IIT is a comparatively new course, Tau Omega is the newest of the departmental honoraries here.

Although Tau Omega has not been very active in the past, many activities are planned for the future. The membership will be greatly enlarged as the larger class enrollment in aeronautical engineering will give a larger field from which to choose.

The purpose of Tau Omega is "to foster, and maintain a spirit of fellowship and co-operation among the students of aeronautics and to promote scholarship and help to the best of their ability the progress of aviation."

Tau Omega has four classes of members: Active, associate, alumni, and honorary. Active membership is limited to those juniors and seniors who have shown a manifest interest in aviation. The members are chosen on the basis of engineering ability, leadership, personality, scholarship, honor and integrity. Associate membership may be conferred upon faculty members and those especially interested in the ideals and purposes of the fraternity. Alumni members are those previously active members who have received their degree from a college or university or who have withdrawn from the college in which there is a chapter of Tau Omega.

Honorary members of Tau Omega are men who have made successful achievements in the field of aviation. The crest of Tau Omega is a gold and black shield topped by a black eagle.

Officers for this term are: President, Allan Kukral; vice president, Herbert Reisman; secretary-treasurer, Jacob Kramer. Present actives are August Danek and Willard Hansen.

The new pledges are Tom Feehery, Art Horowitz, Sam Altschuler, Kermit Swanson, George Liegler and Donald Asire.

The members of Tau Omega are justly proud of their organization, both because of its splendid record and because of its high aims and ideals.

Fraternities & Sororities

PI KAPPA PHI  
 The Alpha Phi Chapter of Pi Kappa Phi held its annual pledge dinner-dance last Friday evening at the Oak Park Arms Hotel. The entire chapter and several alumni were present at the affair given by the pledges.

Traditionally, each pledge class must provide entertainment for the actives and their dates during the evening. The entertainment last Friday was in the form of a skit satirizing that well known institution, a pledge class.

Tom Ruck, Archon in 1945, was one of the guests. Ruck has been working in the East but is about to be drafted. John Sachs, who left for the service several years ago, was also back for a short visit. Though still in the army, he hopes to be back next term.

The Pi Kapps selected John Pottinger to represent the Alpha Phi Chapter at the national convention to be held at Birmingham, Ala., next fall. Several other brothers are planning to accompany him to the convention in an unofficial capacity.

THETA XI  
 An election of officers for Theta Xi for the fall term was held last

week. The new officers are: Paul Boggess, president; Rondal Stewart, vice-president; Ted Restarski, treasurer; Ed Lindahl, house manager; Willie Schulte, assistant house manager; and Ray Nordhaus, secretary.

A beach party is being planned for the early part of June. A bowling meet and party is to be held with Triangle and Alpha Sigma Phi in the near future.

SIGMA OMICRON LAMBDA

The Sigma Omicron Lambda Sorority held their formal initiation in the East Dining Room of Student Union last Thursday. The president, Helen Gordon welcomed Celia Barteau, Evelyn Beacham, Betty Duke, Shirley Langill, Bea Ames Marshment and Beverly Mower. Following the initiation ceremony the Lambdas and their new sisters were served a steak dinner.

Immediately after the dinner a business meeting was called and election of officers was held. Mary Wetzler is the newly elected president, Shirley Langill, vice-president. Taking over the duties of secretary and treasurer are Evelyn Beacham and Celia Barteau. Pan-

Hellenic representatives are Beverly Mower and Betty Duke. Plans were completed for the Mothers' Day tea and installation of officers. Preparation for a two-week vacation following the close of school are also under way.

RHO DELTA RHO

The Rho Delta Rho men are currently busy making their newly acquired house at 3218 Princeton a place that they can be proud of. Burt Josephs who is in charge of getting furniture said that he had already acquired more furniture than the house could possibly hold. President Kenneth Eaton said that he was planning to appoint committees to arrange for the repairing and painting that will be necessary to finally bring everything into first class shape.

Last Friday evening the boys held an informal stag get-together at their house. They discussed arrangements for their dinner-dance to be held on June 8 and also planned for a picnic on a later date. The boys also took time out to congratulate Julius Mantelman who announced his engagement to Lorraine Mitchell.

# Netmen Face Marquette Tuesday

## Techawks Win Sixth Straight

North Central, Beloit Loyola are Defeated

The Techawk net squad added three more wins to their season record during the past week to run their current streak to six in a row and eight victories in ten matches. Tomorrow morning they will meet Marquette University at 10 a.m. on the Armour Square courts in what should prove one of the highlights of the entire season.

The Hilltoppers, in seven matches to date, have lost only to the University of Wisconsin. The Badgers had to come from behind winning two of three single matches before winning, 5 to 3. Jim Walt, former Wisconsin state doubles champion, paces the squad which is led by Bud Fisher who formerly attended Tech as an ASTP student.

Carl Bergstrom had to go 12-10 in the final set of spectacular three set singles match with Jerry Katz of North Central to earn a split in singles play on Saturday, May 18. Hall-Bergstrom and Ferguson-Davis then romped through the number one and two doubles matches to provide Tech with their 5-4 victory margin. Gene Hill and Bob Davis each won their singles matches, while Bob Hall and Jim Ferguson lost in bitter three set encounters.

Beloit, led by Johnny Erickson, recently crowned Midwest Athletic Conference singles champion and undefeated in singles play this season, returned to Wisconsin a wiser tennis team after losing 7-0 to Tech indoors at the University of Chicago Monday.

Hall played by far his best match of the season in thrashing Erickson convincingly, 6-0, 6-4, at the number one singles post. He and Bergstrom also paired in doubles to win in straight sets. The rest of the squad continued to play fine tennis in running through the other five matches with the loss of only a single set.

Loyola played host to the Techmen

## Alpha Sigs vs. Pi Kapps



HE'S OUT!—Keith Hamilton, first baseman for Alpha Sigma Phi, touches first to put out a Pi Kappa Phi runner by a stop in an IF clash last Tuesday. DeWitt Pickens, coaching, attempts to fool the umpire but fails. The Alpha Sigs won, 1-0.

## Interfrat Track Meet Highlights Junior Week

The interfraternity track events will be held between 2 and 4 p.m. Tuesday, announced Ken Thompson, IF sports manager.

The order of the events will be: 2 p.m., relay; 2:20, 100 yard dash; 2:40, 880 yd. run; 3:00, 60 yd. dash; 3:30, 220 yd. dash; 3:45, 440 yd. run. The field events will start at 2 p.m. with the shot put. At 3 p.m. the broad jump and high jump will be started.

Each fraternity will be limited to two men in any one event. No man will be allowed to enter in more than three events exclusive of the relay and no man who has won a letter, either major or minor, a sweater or a numeral in track may enter in any of the events.

As yet entries have not been received from Phi Kappa Sigma, Da-

Thursdays night and received another 7-0 thrashing for their pains. The netmen outlasted the elements and their opponents to again get home with the loss of one set.

dalians, Praetorians or Sigma Alpha Mu. If any of these wish to enter please give the list of contestants to Ken Thompson before 5 p.m. tonight.

The cups will be presented to the sports manager of the winning fraternity at the dance.

## Triangle Whips Alpha Sigma Phi; Goes to Finals in IF Play

Triangle won the right to play Tuesday morning by virtue of an 11 to 8 victory over Alpha Sigma Phi Thursday. Triangle will play the winner of the Alpha Sig-Pi Kappa Phi game to be played tonight.

The game started out with the Alpha Sigs loading the bases with no one out. Bruckner hit into a force out, one run scoring, and Hamilton fouled out to Melek. Czeropski then hit a hot grounder to Dini who made a one hand pick up to toss him out at first. Triangle retaliated with two runs on 2 hits and an error. They added one more in the third, two in the fourth, three in the fifth and three in the sixth.

### Pi Kaps Win

The Pi Kaps whipped the Delts 6 to 1 behind the six hit pitching of Howie Johnson Thursday. Kuhnle drove in the Delts' only run of the ball game when he singled sharply to left with a runner on second. The Pi Kaps scored three runs in the first, two on Gloots' double and two more in the fifth when Sammons dropped Brophy's pop fly. The Pi Kaps will play a return engagement with the Alpha Sigs tonight.

### Pi Kaps Lose

The Alpha Sigs won their third straight game Tuesday by beating the Pi Kaps 1 to 0. Brown pitched a masterful game, allowing but

## Co-eds Challenge V-5's in Volleyball

One of the outstanding features of Junior Week will be the volleyball game in which teams composed of IIT co-eds will play the navy V-5 trainees.

The game will be held Tuesday, May 28, at 1 p.m. and will be played on Ogden Field (across 33rd Street from the Student Union Building) if possible. Otherwise a net will be set up at the rear of Chapin Hall.

The girls are to play in shorts while the men will be gracefully arrayed in skirts made especially for them by their feminine opponents.

The girl's team is composed of the following twelve players: Reva Zlotnick, Maureen Boyle, Betty Lou Duke, Jean Felz, Lua Johnson, Shirley Langill, June Lyons, Grace Peters, Irene Radvilas, Audrey Read, Lillian Seges, and Helen Skworch.

three hits with no one reaching second. The Alpha Sigs collected ten hits off the pitching of Howie Johnson but failed to score until the seventh. Bruckner led off the eventful-inning with a two base hit. Zimmerman then popped up into short right field but Belke lost the ball in the sun allowing the ball to drop for a hit, Bruckner going to third. Gettun broke up the ball game with a hard smash through the box. It was the second straight game the Sigs have won in the last inning.

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by Chuck Halstat

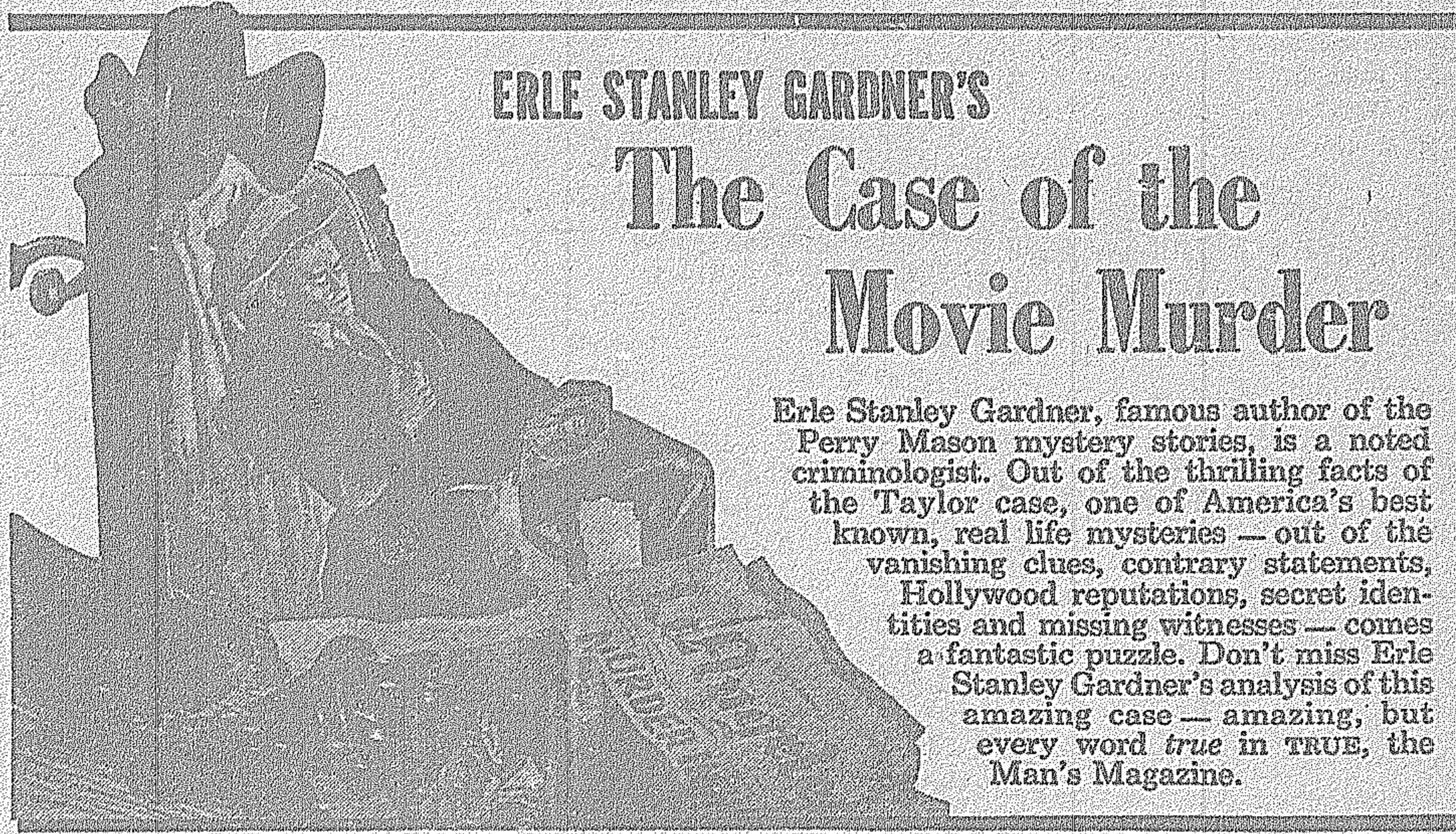
Junior Week leads off with athletics, ends with athletics, and finds athletics liberally scattered throughout the two days of recess from classes set aside as a form of review of Illinois Tech and its accomplishments.

Varsity sports will be represented by the Tech netmen on Armour Square, Tuesday morning at 10. Marquette, the strongest team to face the netters since they went on their six game winning streak, has potentialities and the match can go either way. Coach Hermann will be using his regular lineup with Bob Hall in the number one spot. This team is in top shape and the play will be fast, win or lose.

The fraternities have been building up to this week with plenty of pep and the interfrat softball final Tuesday morning should be a drawing card for students and old grads alike. Pi Kappa Phi will play Alpha Sigma Phi tonight on Ogden Field to determine which will meet undefeated Triangle in the finals tomorrow. Each has one defeat on its record. The Pi Kaps are riding a crest following the 6-1 walloping handed Delta Tau Delta last Thursday, but the Alpha Sigs are due for a rebound from the protested loss to Triangle that same day, and in view of their previous defeat of the Pi Kaps, should go to the playoff. Triangle's Ken Turner, a smooth hurler who has pitched a shutout and a one hitter thus far, should carry the Triangle outfit through. Each of these three teams has two legs on the interfrat cup, and a third makes it theirs permanently. That's material for a good scrap.

The Senior Mechs have dominated intramural play for several years. In 1943 a Senior Mech entry won the Golden Keg, Wednesday the same group returns to meet the 1946 IM champs in an alumni-student game. A full dress rehearsal was held Wednesday evening, and a word to the '46 champs can do no harm. The '43 Senior Mechs were good and they are still good. They can beat the Perennials and they can beat the Wrong Guys with the brand of ball they played Wednesday. Sharp hitting is the main forte, and it will take good fielders to hold them in check.

Most interesting contest of Junior Week from the spectator point of view, the volleyball clash between the IIT co-eds and the V-5 buzz-boys takes place on Ogden Field in the early afternoon. The airdales have accepted a handicap—the wearing of long skirts in contrast to the shorts worn by the women.



ERLE STANLEY GARDNER'S

## The Case of the Movie Murder

Erle Stanley Gardner, famous author of the Perry Mason mystery stories, is a noted criminologist. Out of the thrilling facts of the Taylor case, one of America's best known, real life mysteries — out of the vanishing clues, contrary statements, Hollywood reputations, secret identities and missing witnesses — comes a fantastic puzzle. Don't miss Erle Stanley Gardner's analysis of this amazing case — amazing, but every word true in TRUE, the Man's Magazine.

## EXCLUSIVE WHO WILL WIN THE LOUIS-CONN FIGHT?

Previewing the biggest fight in five years, TRUE, the Man's Magazine, gives you the views of ARTHUR DONOVAN, for years one of America's most famous referees — AND:



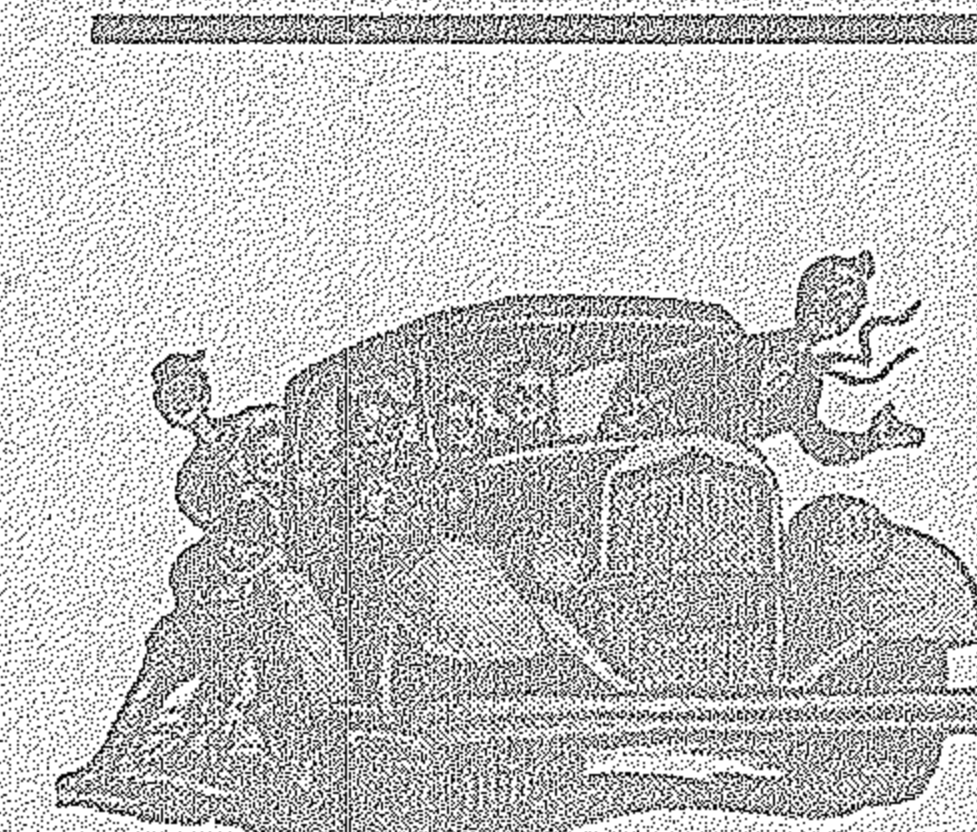
HOW I WILL WIN!  
told exclusively in the June TRUE by  
**JOE LOUIS**

"I'm gunnin' for an early k.o. over Billy Conn and I just figured how to do it," says Joe Louis in a TRUE exclusive that you can't afford to miss.



HOW I WILL WIN!  
told exclusively in the June TRUE by  
**BILLY CONN**

"Joe's a nice fellow. But on June 19, William David Conn is going to be heavyweight champion of the world." That's Billy Conn talking back.



Are your kids perfect?

If so, this won't interest you, but if the brats have you bulldozed, read how Father Engle solved his problems... then go ahead and do it your own way.

## HOW TO BE A PAPA

by William Engle

And DON'T forget — A new PETTY GIRL, Miss Curvaceous Angler — plus the adventures, sports, humor and special men's departments which make over 160 pages of swell reading in the June TRUE.

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## Alumni Association Will Award Certificates of Honor to Four

Four professors will be presented with certificates of honor at the annual banquet of the IIT Alumni Association to be held tomorrow evening at Congress Hotel.

Those to be honored are Dean C. A. Tibbals, Dean T. A. Rogers, Professor Joseph Finnegan and Professor Harry McCormack. Dean Tibbals and Professor Finnegan will retire at the end of the present school year.

Dean Tibbals came to Armour in 1908 and during the years since he has progressed from assistant professor to professor of chemistry. In 1936 he became assistant dean and in 1938 he was appointed as Dean of the Undergraduate College of Armour. At the time of the merger of Lewis and Armour in 1940 Tibbals became dean of the college of engineering. He was granted a leave of absence and upon returning in 1943, he was appointed dean of students. He has been on leave of absence since last November due to illness. Assistant Dean of Students John White will replace him.

Dean Fred Rogers of Lewis who retired as Dean of Engineering in 1943 will also receive a reward for faithful service. Rogers acted as director of the Engineering, Science and Management War Training Program. Rogers joined the staff of Lewis in 1896 and was professor of physics and electrical engineering before his appointment as dean of engineering.

Professor Finnegan came to Armour Institute in 1905. He has been head of the fire protection engineering department since 1915, and has been largely responsible for the development of this department at IIT. Last year the Alumni Association honored him on the occasion of his 40th anniversary of service at IIT. Professor John Ahern will take over Professor Finnegan's place.

"Professor McCormack came to Armour in 1904 and is one of the real pioneers in Chemical Engineering," said President Henry T. Heald. Continuing he said, "Professor McCormack has been responsible for many modern concepts in Chemical Engineering."

## \$300 Donated to IIT Museum by M. Alper

Mr. Morris Alper, president of the food brokerage firm, Alper and Sons, has donated \$300 to the IIT psychology museum for the study of the experiences of war sufferers in liberated Europe, said Dr. David P. Boder, head of the psychology department. Dr. Boder has been issued a passport by the State Department for such a study, and he plans to leave this summer if the necessary funds are obtained.

Dr. Boder intends to obtain verbatim reports from displaced persons and other war victims, as well as from German school children, and record them by means of a wire recorder.

"It seems impossible that there are enough newspaper correspondents knowing the languages of the Russian, Polish, Jewish, Latvian, Lithuanian, Mongol, Dutch, Flemish and even German sufferers of concentration camps so that such stories will, with sufficient detail and precision, be recorded for posterity by the usual method of interview. These people are entitled to their own Ernie Pyle, and since that appears practically impossible, the exact recording of their tale seems the nearest and most feasible alternative," said Dr. Boder.

## IIT SAM Chapter Hears Talk by Mr. T. A. Edwards

On May 16 the IIT student chapter of the Society for the Advancement of Management heard a talk by Mr. Terry A. Edwards. On May 17 H. P. Dutton, head of the industrial engineering department spoke to the Chicago chapter of SAM.

Mr. Edwards, factory manager of Cordage, Inc., spoke on, "The Work of the General Manager." Mr. Dutton's talk is entitled, "Wage Incentives as they Look to the Worker."

## Landsman Awarded A Swope Fellowship

Gerald L. Landsman, assistant engineer at the Armour Research Foundation, has been awarded a \$1500 Swope Fellowship by the General Electric Company for advanced research in electrical engineering at Massachusetts Institute of Technology. The grant has been announced by C. E. Wilson, G-E president.

Mr. Landsman is one of five graduate students to receive a Swope Fellowship, which were created last year to cover the fields of industrial management, engineering, the physical sciences, and other scientific and industrial fields. The awards were made through the educational fund established in honor of Gerard Swope, retired G-E president and now honorary president.

Mr. Landsman graduated in 1944 from the Illinois Institute of Technology. He is now working towards his master's degree in electrical engineering. During the war he was engaged as a junior physicist on the Manhattan Project at the University of Chicago, where he aided in the development of electronic instruments for nuclear research.

## AIEE Sponsors Field Trip

Last Thursday and Friday the student chapter of the American Institute of Electrical Engineers held its first field trip of the semester, according to Tom Burt, president.

About 80 students visited the Automatic Electric Company, 1033 Van Buren Street, and were shown the manufacturing, research, and development as carried out by the largest manufacturer of automatic telephone equipment in the country.

## ASME to Elect Officers At Meeting Next Friday

Election of officers will headline the agenda at the next meeting of the American Society of Mechanical Engineers in the auditorium of the Student Union building at 11 a.m. Friday, according to A/S Jim Woodling, president of the ASME.

Also on the program will be the distribution of membership cards and a discussion of a field trip to the Bethlehem steel plant. The group will also be photographed at that time for a picture which will appear in the national magazine of the ASME.

## VSPEE Plans Session For T.D. Instructors

A summer school of ten days duration, for teachers of Technical Drawing and Descriptive Geometry will be sponsored by the Society for the Promotion of Engineering Education at Washington University in St. Louis, Mo. starting June 18.

At this conference, Prof. H. C. Spencer, chairman of the Technical Drawing Dept., will deliver a paper on, "The Teacher of Technical Drawing." Mr. R. O. Loving will also deliver a paper on, "Grading Methods, Standards and Records." This conference occurs about every fifteen years.

The Indiana-Illinois Section of the Society for the Promotion of Engineering Education will meet at the University of Illinois, Saturday, May 11.

Prof. H. C. Spencer has been chosen as chairman of the conference on engineering drawing. He will take charge of the program. Prof. R. O. Loving will give a paper on, "Visual Education in Technical Drawing," in connection with the showing of the latest educational movies on Technical Drawing used.

Prof. H. C. Spencer, Prof. R. O. Loving, Prof. G. Larson and Prof. F. Horachovsky will comprise IIT's representation at the conference.

## Larger College Enrollments Predicted By Grinter During Next Four Years

Dean Linton E. Grinter, vice-president of IIT, predicted that nearly 4,000,000 students will be enrolled in institutions of higher education by 1950 in a talk given before the Illinois Committee of the Chicago Association of Commerce at the LaSalle Hotel.

According to Dr. Grinter, the college student population has doubled each fifteen years since the year 1900. In 1940, there were 1,500,000 students in institutions of higher education. Hence, without the pressures of veterans education, 2,500,000 students would have been trying to enter colleges, universities and technical schools by 1950. However, already more than 1,500,000 veterans have applied for the benefits of the GI Bill of Rights, which provides tuition and subsistence for veteran students. The result will be an accelerated enrollment that should reach nearly 4,000,000 by 1950.

According to Dean Grinter, we are beginning to adopt a new philosophy of college education which may be described under the slogan "A college education for every voting citizen." When that concept has worked its way into our procedures to the universal extent of high school education today, we may expect a university population of at least six million students.

In order to provide for even the predicted four million students by 1950, enormous expenditures for buildings and facilities will be necessary. This figure is estimated at six billion dollars, if students are to be educated in a thoroughly acceptable manner. Dr. Grinter then pointed out that this expenditure of 40 dollars per capita is less than we are now spending each year for certain beverages and amusements.

It is clear, he noted, that private institutions can make only a small contribution to the handling of such great numbers of students. The states, cities, and the federal government must make the major expenditures. "We can only hope that we will be wise enough to leave education to educators and thus keep our colleges free of governmental bureaucracy."

## Musical Organizations to Give Colorful Junior Week Concert

The IIT music department will present their Junior Week concert at 3:30 p.m., Wednesday afternoon, in the Student Union auditorium. The program will consist of selections by each of the music organizations.

The concert band will open with "Beautiful Galatea," an overture by Suppe, and will follow with "Bolero Non" by Kurtz and "Londonderry Air," an old Irish melody.

The male glee club will sing "The Trumpeter" by Dix. The combined choruses of IIT and Armour Research Foundation will sing "Morning" by Speaks and "This is My Country" by Ringwald.

Homer Wickham will play the flute obligato "Intermezzo" by Wolf-Ferari from "Jewels of the Madonna" with the IIT orchestra accompanying.

The music program will conclude with the "Warsaw Concerto" by Addinsell with Marie Schrot as piano soloist.

Following the concert, pledges will be named to Tau Beta Pi, general engineering honorary. Those to be pledged will be notified by telegram tomorrow afternoon. Each pledge and a short summary of his activities at IIT will be presented to the audience by one of the members. Pledge duties will include writing a thesis on some engineering principle or subject. Pledges will be initiated shortly before the end of the term.

## Home Economics Club Elects New Officers

The Home Economics Club held its election of officers last Monday. Those elected were President, Margery Thormeyer; vice-president, Betty Skinner; secretary, Gloria Cibulskis; and treasurer, Edith Stroshein. On Friday the club held its last regular meeting of the semester, and installed the new officers and initiated freshman members.

The club has raised \$117.33 to date in its fund raising campaign to provide a scholarship for a needy home economics student. Tag day netted \$72.32; the theatre party at the Goodman brought in \$32 to date, and sale of hangers has netted \$13.

The club is planning a tea soon at which the scholarship will be presented, as will the Pillsbury award—a set of 12 books, awarded to a high-ranking student.

## JUNIOR PROM

(Continued from page 1) The Technology News sponsored contest.

The queen will be presented with a silver Elgin compact and the court members with gold earrings. Other intermission activities conducted by master of ceremonies, Dave Hoffman, will include the presentation of awards won during the Junior Week activities by various organizations.

## Rho Epsilon Pledges 8 Men

Rho Epsilon, professional radio engineering fraternity, pledged eight men members at a meeting held last Wednesday. Those pledged were: Cecil Dobbs, John Fay, Richard Herst, Frank Ksiasek, Seymour Lascoe, L. J. Petraitis, Leon Sternick, and F. G. Willis. The pledges were chosen from a basis of interest and past experience in radio and electronics and scholastic standing.

These eight men will go through a four weeks pledging period during which they will carry buzzers, complete work on electronic projects and assignments, participate to a certain extent in Rho Epsilon's Junior Week projects, and collect the signatures of all active members three times each week.

During Junior Week, Rho Epsilon will handle three projects, the radio station, the television receiver, and the Kiss-o-meter. The radio station will be on the fourth floor of Chapin and the television receiver will be in Room 201 Main. The Kiss-o-meter, a novelty device used to measure the potency of a couple's kiss will be placed either in the Student Union lounge or in one of the lobbies.

Rho Epsilon's picnic was held yesterday in Thatcher's Woods. The picnic, a date affair, began in the early afternoon. The day's program consisted of softball, volleyball, lunch.

## Seven Men Pledged to National Service Group

Seven men were pledged last Thursday to Alpha Phi Omega, national service fraternity.

Those pledged were: Paul Bogess, Wm. Eldon, Richard Gates, Harry Himmelblau, Sid Lewis, Aaron Solomon, and Lester Templeton. These men, all former members of the Boy Scouts, were selected after expressing their willingness to serve their school, community and nation.

Because of the character of the organization, pledges will not be subjected to any form of hazing. Their lone mark of identification as APO pledges will be a pledge pin and a scout neckerchief. Their first pledge duty will be to assist in the manning of the information booth during Junior Week. In addition to the information booth Alpha Phi will also act as ushers for the Dramatech play and the concert.



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# Welcome to Open House, 1946

We, the students and faculty of Illinois Institute of Technology, are happy to welcome you to our 1946 Open House. Cancelled in 1945 due to the war, the Institute and its affiliates, the Armour Research Foundation and the Institute of Gas Technology, are again opening their doors during these two days to give their friends as complete a picture as possible of Technology on Display.

Those of you who have attended previous open house programs will find many changes. The Institute, which was formed in July, 1940, through the consolidation of Armour Institute of Technology and Lewis Institute of Arts and Sciences, now carries on virtually its entire academic program at Technology Center, the former Armour campus. The departments of architecture and home economics are located at a new Downtown Center, 18 South Michigan Avenue.

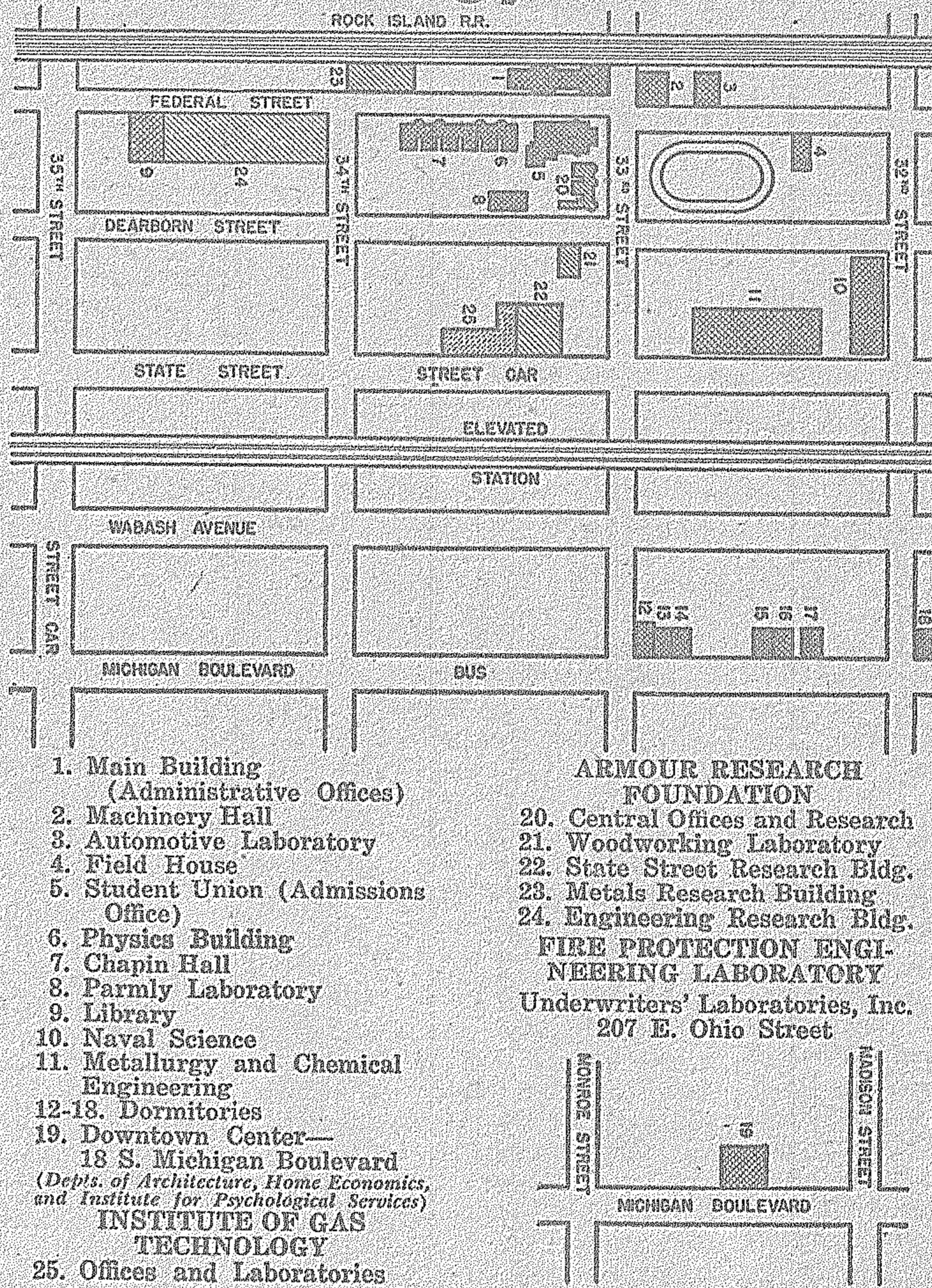
Also in evidence are several new buildings which are only the beginnings of a \$13,200,000 campus development program. Already completed are Alumni Hall, a Metals Research Building, and approximately one-third of an Engineering Research Building. These three units, on completion, will cost approximately \$1,250,000.

Under construction at present, in the block where Alumni Memorial Hall now stands, are a \$900,000 Metallurgy and Chemical Engineering Building and a \$500,000 Chemistry Building.

As you visit the various displays and exhibits on campus, many of which are listed on this page, you will also see a great number of additions in the form of laboratory and research equipment.

For your convenience, a map of the campus appears in an adjoining column. Each building is numbered to aid you in finding the various displays. The Institute of Psychological Services, whose exhibit is listed as 116 Memorial (10), will be held in Room 116 of Alumni Memorial Hall (Naval Science).

# Technology Center



# Junior Week Program

TUESDAY—MAY 28

- 9-10 a.m. —Interfraternity softball finals
- 10-12 a.m. —Tennis Match—Marquette vs. IIT
- 10:30-12 a.m.—Intra-mural softball final
- 1-10 p.m. —Open House—(All departments)
- 1-2 p.m. —(a) Volleyball game (Girls vs. Navy)  
(b) Male beauty contest
- 2-4 p.m. —Interfraternity track meet
- 3-5 p.m. —Judging of exhibits
- 4-5 p.m. —(a) Judging of heard contest  
(b) Turtle race
- 7 p.m. —Annual Alumni Banquet and Reunion  
Speaker: Major General Bolte  
Congress Hotel—Gold Room
- 8 p.m. —Dramatech—"Out of the Frying Pan"  
A Three-Act Comedy  
Student Union Auditorium

WEDNESDAY—MAY 29

- 10:30 a.m. —Formation of Processional at Student Union Bldg.
- 11 a.m. —Dedication of Alumni Memorial Hall  
Speaker: Vice-Admiral Denfeld
- 12:40-5 p.m.—Open House
- 12:30 p.m. —Buffet luncheon—everyone invited
- 2:30 p.m. —Alumni-student baseball game  
Winner of Intramural vs. Alumni
- 3:30 p.m. —Concert—Student Union Auditorium  
At intermission  
Tau Beta Pi—pledging ceremony
- 8 p.m. —Sigma Xi meeting—Student Union Auditorium  
Speaker: Harlow Shapley, Sc.D., LL.D.
- 9 p.m. —Junior Prom  
Congress Hotel—Gold Room  
Orchestra: Del Rene—Semi Formal

# Complete Program of Junior Week's Open House for 1946

## ARCHITECTURE AND CITY PLANNING

216 & 217, Memorial (10)

Models and drawings of Illinois Tech's proposed \$13,200,000 campus, designed by Professor Mies van der Rohe, will be on display in the first completed academic unit, Alumni Memorial Hall. A display of work by students in the architectural curriculum, from freshman through senior years, will also be shown.

## BIOLOGY

420 & 222, Chapin (7)

Among the exhibits shown by the department of biology will be the following: some stages in human embryology, living chick embryos, beating of a turtle heart, protoplasmic streaming in Elodea, some fruitfly mutation characters, colored pigment formation by bacteria, yeasts and molds, and citric acid production by molds.

## CHEMICAL ENGINEERING

4th Floor, Main (1)

The equipment of the chemical engineering department will be on display in the laboratories, with students enrolled in the curriculum on hand to explain the apparatus. Projects undertaken by senior students will also be shown during the open house period.

## CHEMISTRY

3rd Floor, Main (1)

All apparatus of the department will be demonstrated by chemistry majors, and various experiments will be set up to illustrate the type of work done by the undergraduate. A number of exhibits will also be on display relating to the various aspects of inorganic, organic and physical chemistry.

## CIVIL ENGINEERING

117, 120, 220 & 431, Chapin (7)

Basement Floor, Main (1)

Two of the civil engineering curriculum's major laboratories, the Hydraulic Laboratory and the Materials Testing Laboratory, both located in the basement of Main Hall, will be open to all visitors. In the former, tests will be run on centrifugal pumps, Pelton wheel, and constants of various flow measuring devices determined, while commercial tests of ultimate strengths of various materials made in tension, compression, and torsion, will be featured in the second laboratory.

## ELECTRICAL ENGINEERING

1st and 2nd Floor, Main (1)

Communications—a Klystron oscillator and a magnetron oscillator will feature the department's ultra high frequency display.

Industrial electronics—ignition rectifiers, phase shift thyratrons, photoelectric relays, and photoelectric counting devices will be shown.

Radio engineering—included will be a B-H Curve (Hysteresis Loop), oscilloscopes, multivibrators, and an RCA dynamic demonstrator (radio).

Power—among the equipment displayed will be magnetic motor control, motorol, servo demonstrator, oscillator, perciptron, welding timers, oscillograph, paralleling of alternators, rectifier, and strobotac.

Rho Epsilon, professional radio fraternity, will display its television equipment in 201 Main Hall and its ham transmitter in 414 Chapin Hall.

## FIRE PROTECTION AND SAFETY ENGINEERING

218, Memorial (10)

An unusually complete exhibit of equipment, together with a number of displays relating to the field of fire protection engineering and safety engineering, will highlight the presentation of these departments. Included will be "Oscar" and his safety clothes, a machine guard display, eye testing and safety equipment, a safe handtool display, a dust ex-

plosion exhibit, a showing of fire company equipment, CO<sub>2</sub> extinguisher equipment, extinguisher displays, automatic sprinkler heads, and an explosion meter.

## HOME ECONOMICS

Downtown Campus

18 South Michigan Ave.

The home economics department will have no exhibit on the Technology Center campus, but will open its downtown facilities to visitors between 2 and 5 p.m., Tuesday, May 28. Students in the department will serve tea in room 209 during these hours.

## MATHEMATICS

205 & 208, Chapin (7)

Among the many exhibits on display by the mathematics department will be those on conic sections and exponential functions, together with a chart exhibit covering these.

## MECHANICAL ENGINEERING

Machinery Hall (2)

Automotive Lab (3)

Automotive laboratory—among the exhibits will be a Pratt & Whitney 2000 HP, 18 cylinder aircraft engine used in the Corsair and Thunderbolt; an Allison V-1710, 12 cylinder liquid cooled aircraft engine used in the P-38; a Turbo Supercharger used in the B-29 for high altitude power; an International Harvester Diesel electric set, a 30 kw set for auxiliary power, and a gasoline start engine.

Heat power laboratory—displays will include D-Slide Valve steam engine, steam turbo-generator, two stage air compressor, centrifugal blower, refrigeration machine, air conditioning unit, testing of gages and indicators, and demonstration of the action of a turbine wheel.

Machine shop—visitors are invited to inspect the facilities of this division. Equipment such as lathes, boring mills, drill presses, and planers will be in operation.

Thermal analysis, microscopic analysis, stress analysis, and routine metallographic practice will be demonstrated in room 300, while an X-ray machine will be in operation together with displays in room 102.

## NAVAL SCIENCE AND TACTICS, 1st Floor, Memorial (10)

An unusual display of damage controls, ship and plane models, items of use aboard ship, training aids, projectile models and sections, and rocket fuses will be exhibited in the main hallway. The armory will also be open to visitors who may be interested in such items as the 3" and 5" guns, 40 millimeter gun, aircraft torpedo and anti-craft equipment.

## INDUSTRIAL ENGINEERING

117, Memorial (10)

The industrial engineering department will show films in motion study continuously in its Alumni Memorial quarters.

## LANGUAGE and LITERATURE

203, Memorial (10)

A display of books authored by members of the faculty in the department, together with a number of paintings by staff members, will be included in this exhibit.

## PHYSICS

101, 102, 103 & 104 Physics (6)

Room 101—High frequency, short wave radio waves; gyroscopes, meteorology, and photoelectricity demonstrations.

Room 102—Demonstration of liquid air and low temperature effects.

Room 103—Spectra, color, fluorescence, electrical discharges, polarized light, stroboscopic illumination exhibits.

## PSYCHOLOGY

118 Memorial (10)

The psychology exhibit will consist of apparatus for study of sensory processes, learning, and industrial fitness. Demonstrations of the various equipment will be handled by students enrolled in the curriculum.

## TECHNICAL DRAWING

305 Main (1)

212 Memorial (10)

Panels displaying the course content will be on exhibit in room 212 of Alumine Hall. Visual education films will be shown continuously on Tuesday evening in room 305 Main Hall.

## PARMY SOUND LABORATORY

(8)

Illinois Tech's unique "soundless" room will be on display for campus visitors. So quiet that a person can hear his own heart beat, the insulated room was designed to find ways to prevent and alleviate human deafness.

## INSTITUTE OF PSYCHOLOGICAL SERVICES

116, Memorial (10)

Guests who wish to participate in the various tests sponsored by the Institute for Psychological Services will be free to do so. Interpretation of manual and finger dexterity tests, psychrometers, charts of Strong Tests showing relation between parent and child interests, and descriptions of how results from Institute tests are interpreted for the engineering student will be included.

## INSTITUTE OF GAS TECHNOLOGY, IGT Laboratories (25)

The following exhibits will be available for inspection during the open house periods. Personnel of the Gas Institute will be on hand to describe the fluidization demonstration unit in the main laboratory, the ceramic gas mantle in the appliance laboratory, and the coke oven which is located opposite the gasification laboratory.

## ARMOUR RESEARCH FOUNDATION

All Buildings (20, 22, 23, 24)

Room 202, Main (1)

Room 201, Memorial (10)

In addition to the laboratories and facilities of Illinois Tech's Armour Research Foundation which are described below, there will be a special exhibit of wire recording in Alumni Memorial Hall.

Room 202 Main—The \$90,000 A-C network calculator, thirteenth of its kind in the world, will be on exhibit.

Central Offices (20)—The following laboratories and displays will be shown: chemistry laboratory, organic laboratory; biochemistry laboratory, electronics laboratory, sound laboratory, displays on wash-off color photography, three dimensional exhibit using polarized glasses, and spectrographic and X-ray diffraction laboratory.

State Street Research Building (22)—These laboratories will be in continuous operation: chemical engineering laboratories, high pressure laboratory, pilot plant for fibre processing, fluid mechanics laboratory, inorganic chemistry laboratory, and the calendaring machine. (NOTE: Entrance is at the north end of building.)

Engineering Research Building (24)—The wind tunnel laboratory, machine shop, metals fatigue laboratory, and an engineering laboratory containing single cylinder and multi-cylinder diesel engines will be open. The ceramics department will exhibit container glass and brick displays.

Metals Research Building (23)—Among the machinery and equipment which may be seen is a 500 pound induction furnace, and casting operation. (NOTE: Entrance is at north end of building.)