TECHNOLOGY NEWS

Vol. 46, No. 1 — ILLINOIS INSTITUTE OF TECHNOLOGY — September 23, 1947

as I see IT

By PAUL A. THOMPSON
Editor-in-chief

THE YEAR 1946-47 was one of the greatest the Institute has experienced. Enrollment figures, both in the day school and the evening division, were swollen. It is expected that when the registration figures are available for this semester there will be a total of 3450 in the day school and 4000 in the evening division. This is more than 2.2 times the number enrolled during the semester preceding the war.

CRITICAL CLASSROOM SPACE shortage was evidenced by very large classes and the forcing of the school to operate on a six day basis rather than five day basis. Students attending six days found it difficult to take a breathing spell over the weekend. Between classes in the older buildings it was almost impossible to walk from one end of the hall to the other.

The classroom shortage has been relieved considerably by the beginning of this semester. The first and third floors of the Chemistry building and temporary buildings 1 and 2 have been opened which provide many additional square feet of room. The final completion of the Chemistry building will be done this semester with no interuption of classes. The Metallurgical Engineering building should also be ready for use by the end of the present semester and will provide additional 108,000 square feet of space.

THE FACULTY has been drastically overloaded in many courses partially because of classroom shortages and partially because of shortage of instructors. Many new faces have appeared and many old ones have disappeared among them being Dr. H. F. Mullikin, Jr., associate professor of mechanical engineering, who has left to accept the position of department head at Montana State College. Dr. Mullikin, an excellent and conscientious professor, will be missed by many students.

THE NET RESULT of large classes and overloading of professors was a less personal attitude toward education on the part of both students and faculty. There was more of an assembly line procedure and less of the close professor-pupil relationships which could have benefited both groups.

BOOK SHORTAGES are now almost a thing of the past as paper conditions have been relieved. More

(See AS I SEE IT on page 5)

THE STUDENTS IN THE FOREGROUND SCAN the blackboard in Alumni Hall for closed sections last Tuesday with a sinking feeling in their stomachs.

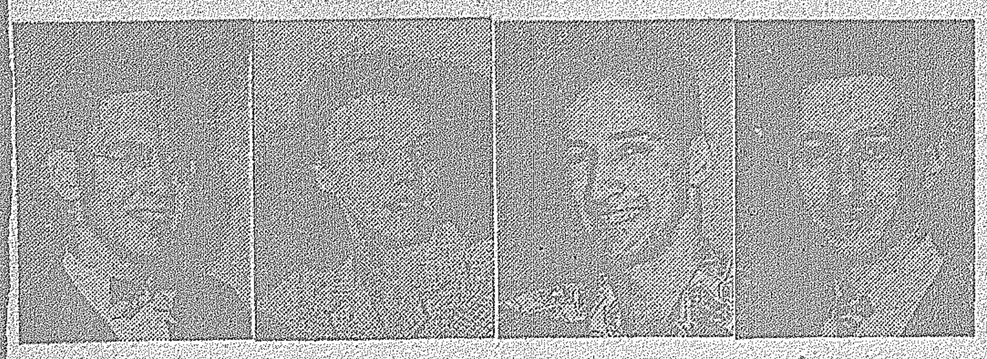
Beauties Vie for Queenship of Integral Ball, October 18

Who will be the "Queen of the Integral Ball," Illinois Tech's most sparkling dance? Settlement of this question began yesterday with the submission of the first photo entries in the annual contest. Selection of the girl who will reign as Queen of the Ball and of the 1948 Integral, the student yearbook, will be based upon both beauty and personality. A board of distinguished judges of American beauty will make the final selection from a groug of 25 finalists selected by the student body.

The Ball will be held on Saturday evening, October 18, at the Hotel Sherman. The scene of the diaphanous affair will be the Bal Taberin Room which has just been redecorated in the modern vein and features soft, glowing indirect lighting. Gentle strains of music and atmosphere will be furnished by Del Rene and his orchestra. Bids are priced at $3.60, including tax, and are now on sale in the lobbies of both the North and South Union buildings from 10 a.m. to 2 p.m. daily. Reserved tables accommodations for 250 couples are available. The prewar finery of the Ball will again be donned, the dress of the evening being formal (formals for ladies, winter tux or tails for the men).

Each person purchasing a bid will be entitled to one entry in the queen contest. An information and entry blank will be given to each purchaser. Entries can be made by submitting a 5" x 7" (or as near to that size as possible) photograph of a "queen" together with the entry blank. Deadline for entries will be Friday, October 10, although students are urged to make their entries as soon as possible.

Selection of the 25 finalists will be made on Monday, October 13 by all students, regardless of whether or not they have made a bid purchase. Between the present and October 13, pictures of entries will be on display in a prominent place for the scrutiny of IIT's *connoisseurs de art.*



Wilbert Kedrow — Pat Vedel — Bob Guthrie — Herb Sachs

1948 Integral Will Show Relationship Between Industry, Art, and IIT

Wilbert Kedrow has been appointed by the Publications Board as editor of the 1948 Integral. Chief assistants on the staff, Pat Vedel and Bob Guthrie have been appointed associate editors. Herbert Sachs was reappointed business manager.

Kedrow was on the 1947 Integral staff and is president of the senior A class. He is a member of FPES and Triangle fraternity, and was editor-in-chief of the Lane Tech annual.

The new Integral will resume the pre-war large size and will contain many more pages than previous issues. The theme of the book will be to show the inter-relationship between Chicago industry and art and the various departments of the college.

"Those interested in writing for the Integral or in working on the business staff should get their applications in early as there are only twenty-five staff positions left for assignment," said Kedrow. The applications should include name, address, telephone number, department, and any previous experience on either the Integral or other publication staffs. Applications may be turned in at the Integral office in South Union building or at the post office, box 76.

The publication date has been set for May and all students will receive the annual free of charge. However, students attending IIT for the first semester will be charged for their copy.

MEMBERS: be sure to indicate preferred beats by Monday. The beat sheet will be one the bulletin board outside of the Technology News office.

Writing Experience Offered to Techmen

Have you ever though about the importance of developing your writing abilities? The value of an engineer is greatly diminished if he does not have the power of self-expression. This power or lack of it soon becomes apparent to the industrialist and engineering executive who is constantly striving for conciseness and clarity in oral or written reports.

"To write well, even to write clearly," as John Galsworthy says, "is a business, long to learn, hard to learn and no gift of the angels." One of the best opportunities that a student has to develop writing skill in an engineering college is offered right here at IIT. *Technology News* is the primary source of this opportunity on the campus. The only qualification necessary for an aspiring member of the newspaper staff is that he be willing to devote several hours a week to his work on the paper. Experience in journalism is unnecessary; however, students that demonstrate their writing ability will be given advanced assignments.

Applicants should place their program, including name and address, on a slip of paper and deposit it in

(See WRITING EXPERIENCE on page 5)

Five Temporary, Two Permanent Buildings Double Class Space

First, Third Floors of Chemistry, Auditorium Of Metallurgical-Chemical Engineering Buildings in Use This Semester

The near completion of two more permanent buildings in Illinois Tech's $15,000,000 post-war expansion program, the addition of five temporary war surplus structures and other miscellaneous construction during the past year will add close to 250,000 square feet of floor space to IIT's education facilities. This will bring to nearly a half million square feet the total space in use for undergraduate and graduate education on the south side campus —excluding the buildings in full and continuous use by Illinois Tech's Armour Research Foundation.

For this semester, only the first and third floors of the new chemistry building will be used. The second floor will be equipped for undergraduate lab courses as the semester progresses. The building, a three story structure with 65,000 square feet of floor space, was built at a cost of $740,000 and is located at 33rd and Dearborn. Only the auditorium in the Metallurgical and Chemical engineering building will be used now. December 1 is estimated completion date of the two-story $963,000 structure at 33rd and State. Full educational utilization of its 108,000 square feet is scheduled for next term.

Both buildings were designed by Ludwig Mies van der Rohe, internationally famous architect, who designed the entire new Illinois Tech campus. Professor Mies van der Rohe heads the architectural department.

An additional 165,000 square feet space is included in five temporary buildings supplied and installed without charge under the Lanham Act as amended in August 1946 for the veterans education program. Illinois Tech was the first educational institution to request buildings under this act. One of its five buildings was the first moved and completed.

These five buildings, all one-story high, are:

Temporary No. 1, located on the west side of Federal street between 32nd and 33rd Streets, contains 18,400 square feet. It will house the greatly expanded business and economics department, mechanics department laboratories, drafting rooms, the industrial engineering department, classrooms, and instructional staff offices.

Temporary No. 2, located on the west side of Federal Street between 34th and 35th Streets, contains 9,600 square feet. It will eventually provide quarters for the department of psychology and education, laboratories for this department, classrooms, drafting rooms, and instructional staff offices. This semester it will serve as a classroom and an architectural drafting room.

Temporary No. 3, located on the east side of Federal Street between 34th and 35th Streets, contains 6,000 square feet. It serves as a library annex, bringing together for the first time all of Illinois Tech's libraries. It has reading room facilities and 4,000 linear feet of shelving for stacks.

(See BUILDINGS on page 7)

President's Message

In the year since I last welcomed a new fall class to Illinois Institute of Technology, many changes have occurred on our campus. The instructional staff has been strengthened and expanded, and our physical facilities will be approximately doubled when construction now under way is completed. Moreover, many of our existing buildings have been refurnished and redecorated and much new equipment has been added. We have never been in a better position to provide you with what you came here to get—an education for better living in a better world.

We have high hopes for this year's entering class. By the standards you have met already in entering Illinois Tech, you have demonstrated great potentialities for the future. From your ranks we expect to come many of the future professional and civic leaders. An education is one of life's most valuable possessions; but no one can give it to you; nor can anyone force it upon you. It must be earned by your own efforts. Diligent application to your work here will pay you rich dividends.

Standards of academic proficiency are high at Illinois Tech, but we do not want you to absorb learning from books alone. A well-rounded education demands more than rigid application in the classroom. You must learn self-discipline and the ability to cooperate with your fellow students. Most of all, you must learn to think and to apply your thinking to the problems which confront you. You should participate in some extra-curricular activity—sports, publications, student government, one or more of the various clubs—if you are to receive the greatest benefit and the fullest experience that Illinois Tech offers.

As you begin your new college year, I want to congratulate you for your choice of Illinois Tech and rededicate our efforts to serving your best interests.

..HENRY T. HEALD

Oct. 15 Deadline For Deposit Refunds

Effective October 15, 1947, deposits refundable on all prior terms and years are *void.*

Deposits relative to chemistry, ME, keys, or any other form of deposit which is refundable, for other than the current term, must be redeemed before October 15, 1947.

After October 15, 1947, only deposits for current terms will be honored.

TECH TIMETABLE

Wednesday, September 24
ITSA, 5 p.m., South Union.

Thursday, September 25
Senior Class, 11 a.m., Aud. MC

Saturday, September 27
Rho Delta, 8 a.m., Aud. North U.

Monday, September 29
Fencing Team, 5 p.m., Lounge, North Union.

Of The Students
By the Students
For the Students

With this issue a new managing board assumes the editorship of *Technology News*. The policy of *Technology News* is to give complete, accurate, impartial, and timely information about what is happening or likely to happen in the school. It will at times engage upon outside issues which the managing board feels will be of interest or concern to college life on the campus.

All school organizations and groups will receive full support and cooperation of this paper in their right to promote and carry on their activities. They are invited to come in and talk things over with the managing board.

The staff will strive for the dissemination of truth in matters of interest to all. We invite suggestions and criticisms, not only from student organizations but also from individual students and faculty members. We invite "Letters to the Editor"; the best and most interesting ones we shall gladly print. We must ask that all letters be signed but will withhold the writer's identity if so requested. All unsigned letters will be completely disregarded. Letters may be deposited in one of three *Technology News* boxes—one located in the lobby of the North Student Union building (known as the SU), another inside the first entrance of Chapin Hall, and the third in the door of *Technology News'* office next to the new bookstore in the South Student Union building. Or if desired, they may be placed in an envelope addressed to the Editor and left at the campus postoffice.

As previously stated, *Technology News* is your paper. It is written and published by students for students. To continue publishing requires students to replace those graduating from time to time and who will devote a few hours each week to gathering news and writing stories. The news "leads" are supplied by the managing board. In order to maintain *Technology News* as your paper requires your individual cooperation and assistance.

Many of you feel a hesitation to participate in the production of your paper for reasons that you aren't a reporter and don't have any writing abilities. The editors used to feel the same way, but once you're in the game, there's nothing like staying in and pitchin'. You wouldn't trade the experience and enjoyment for anything! By working alongside older members of the staff you will learn the basic fundamentals.

TECHNOLOGY NEWS

Published every Wednesday during the school year by the students of Illinois Institute of Technology, Chicago, Illinois Institute of Technology, Chicago, Illinois. Entered as second class matter at the post office at Chicago, Illinois, under the Act of March 3, 1897.

Represented for national advertising by the National Advertising Service, Inc., College Publishers Representative, 420 Madison Ave., New York 17, N.Y. Advertising rates furnished upon request. Subscriptions: Domestic: $1.00 per term. Foreign: $2.00 per term.

Editorials and features in *Technology News* reflect the opinions of the writers. They do not in any way necessarily represent student or official college opinion. Unsigned editorials are expressions of the Managing Board.

MANAGING BOARD

Editor-in-Chief....PAUL A. THOMPSON
Business Manager....CHARLES TROST
Managing Editor....SHERWOOD BENSON
Sports Editor....KEN THOMPSON
News Editor....LESTER TEMPLETON
Feature Editor....SAM RAND

STAFF

Assistant Business Manager....Don Campbell
Assistant Sports Editor....Ben Sutton
Assistant News Editor....George O'Brien
Assistant Feature Editor....Jack Wolfe
Photographer....Joseph J. Lucas, Jr.
Cartoonist....Ronald Born

TYPISTS

Shirley Hagen, Beth Kelly

Editors Emeritus....Alan Grant, Jim Brophy, Howie Baum
Adviser....James Armsey
Financial Adviser....Gilbert A. Force

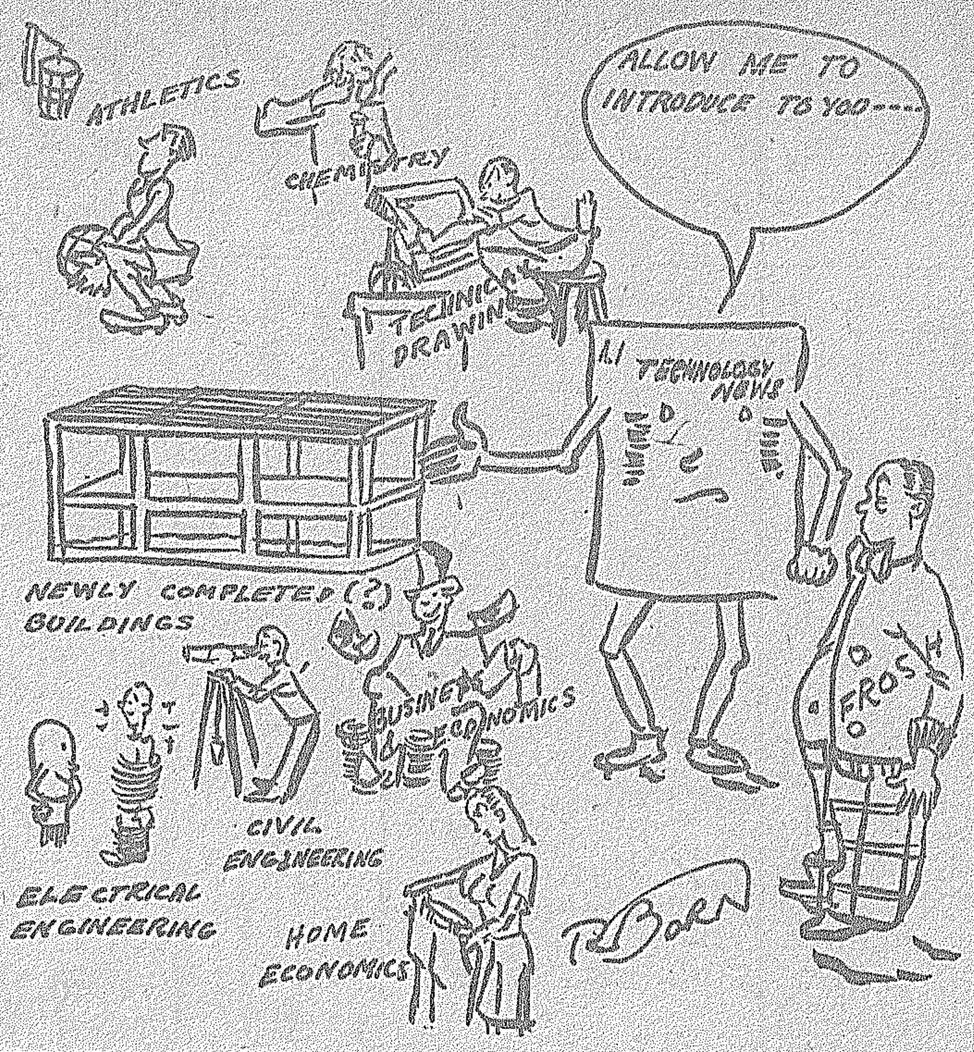
FEATURE WRITERS

John Dinou, Lou Fisher, Bill Furlong, Don Goldsmith, Tom Marchwick, Saul Needleman, Dave Pasik, Al Winsberg, Eugene Stanley.

REPORTERS

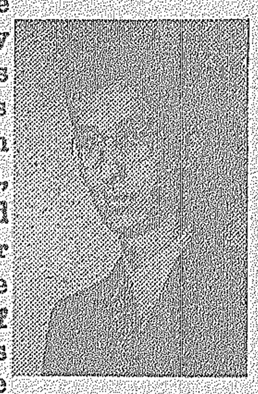
Richard Baginski, Evelyn Beacham, Johnnie Best, Ed Carstens, Arlene Edwards, Jim Gaffney, Howard Husa, Marshall Kaplan, Nelson King, Lillian Kozlowski, Frank Ksiazek, Shirley Langill, Herman Laude, Keith McKee, Sylvester Massa, Carol Moses, Harold Nelson, Ted Purzycki, George Rapp, Pat Vedel, James Wangersheim, C. Jack Trickler, Frank Valvada, Gerald Walling, Cliff Nelsen, Dave Miller, Larry Shapiro.

HAPPY DAYS AGAIN!



Tech Scholar Robert Misch Wins Western Scholarship

Robert David Misch is a lean-standing, slow-starting young man who has recently brought honors to himself and Illinois Tech by winning the much coveted Weston Fellowship. What the Davis Cup is to a tennis player, and the Congressional Medal of Honor is to a soldier, so is this award to a chemistry student, for in all of the United States and Canada only one person each year is awarded the fellowship "to promote research in electro-chemistry."



Although he didn't break any scholastic records at George Rogers Clark high in Whiting, Indiana, Misch received some mention for graduating in the upper tenth of his class. He was interested in the usual things a high school boy might be, but there was nothing to forecast his recent fine work.

Even entering Illinois Tech in September 1942 was a matter of convenience rather than part of a well-laid plan. His two cousins were attending here and it was close to his home.

For two years thereafter he remained an average student till one day he "discovered" corrosion. That seemed to turn a key for since then Bob Misch has been a tough man to beat. The deeper he went into corrosion, the more engrossed he be came with it. Graduation in February 1945 found him a positive young man, happy in his work, and sure of where he was going. His work since then has been developing organic compounds called *inhibitors* and correlating structure with adsorption.

The findings of this work were recently published in a paper and presented to the Conference on Corrosion which met in Chicago last June. At present Bob is doing a formal paper on inhibitors. However, the important paper he is outlining will be on work done for the Weston Fellowship. This he plans to use in his doctor's thesis.

Did someone say "slow-starting"? Bob Misch is 22 years old!

Campus Comments

In line with its policy of presenting the readers' views on school affairs, *Technology News* will award a carton of Chesterfield cigarettes for each of the two best letters to the editor every issue.

All persons, whether students, faculty members, or employees of the Institute are eligible for the award.

Rules are as follows:

1. Letters must be 250 words or less.

2. Letters must be signed, although the name will be withheld on request.

Comments pertain to any subject the remitter desires—not only appraisal of *Technology News* articles, and criticism of or suggestions on campus projects, but also politics, current affairs, etc. Letters will be judged on the basis of constructiveness and general interest.

Deadline for any issue's award will be noon Thursday preceding the date of issue. Letters should be deposited in the *Technology News* boxes in the North or South Union buildings, or Chapin Hall.

Slipstick

A good many of you have probably done little more than loaf for an hour or two a day for the past two weeks. In order to bring you back to the high level required for successful scholastic effort, we shall start the column this semester with a quiz.

—IIT—

What is the difference between a sewing machine and a kiss?

—IIT—

Dames are pushovers for gay caballeros. Caballeros are athletes in Spain. Athletes in Spain throw the bull for diversion. Therefore dames are pushovers for bull throwers. (Very interesting logic.)

—IIT—

Engineer: "If I had a million dollars, do you know where I'd be?"

Engineering: "I'll say. You'd be on OUR honeymoon!"

—IIT—

I sometimes wonder what I'd do
If I again were twenty-two,
Would I repeat those foolish flings
Mad escapades and silly things?
And as I stop and ponder now
An inner voice replies, "And HOW!"

—IIT—

"Heck," exclaimed the contractor as one of the new houses collapsed, "I told those carpenters not to take down the scaffolding until after the wall-paper had been put on."

—IIT—

In answer to many requests, the answer...One sews seams nice, and the other seems so nice.

Information for Free

by "Wild" Bill Furlong

Pattering studiously along T'irty-Toid street, the absorbed young man executed a sole column left and bucked the healthy zephyrs playing havoc with skirts.

Outside of the North Union ('way back when it was the Student Union Building) an industrious industrial engineer was hawking programs.

"Get chure program here...can't tell a student from a prof 'thout a program...only 25 cents...a tenth part of a dollar." The absorbed young man hesitated, gave up his week's allowance and thumbed anxiously through the program. There it was, on page 27, in big black eight-point type—Jasper J. Nonuthin—followed by a string of letters that would put Bernard Shaw and his 42-letter alphabet to shame.

Jasper had hit the big time—teaching at Illinois Tech. But his briefing on embryo engineers was sketchy. He knew that they were the most agile slide-rule jockeys, and a learned man once told him that the average engineer reads 25 pages an hour. Consequently Jasper had arranged his prospectus so that, by reading 150 pages of background material daily, his students had an even chance of earning a passing grade. Jasper prided himself on his liberal attitude towards studying.

Scratching the surface of the rock where his heart should have been was a feeling of uncertainty. Jasper knew that he was ideally suited temperamentally to be an instructor at Illinois Tech. Nevertheless, he was not sure whether the students were expected to grovel at his right or left foot or both simultaneously. These doubts preyed on his mind.

This, then, is by way of orienting new instructors to several of the more delicate art forms used in overpowering the inmates of Illinois Tech.

Perhaps the most useful instrument which you can stumble across is a well-developed phrase that has rescued many a professor floundering in fields he has not explored since his graduate daze. The circumstances which give birth to the phrase are as inevitable as the phrase itself.

It generally starts when an arrogant student, who has read three pages ahead, asks a question which sends you, Jasper, staggering to the wall for support. A moment of confusion is forgivable only because it is unavoidable. Then gather your scattered half-wits, draw yourself up to your towering four feet 10 inches, glare haughtily at the tormentor, and snarl, "That is not within the scope of this course!"

It never fails. Naturally, in the seclusion of your office, you point out to the student the unhealthy aspects of reading three pages ahead, caress him affectionately with a blackjack, and make a mental note "to fail that guy."

Another slightly hackneyed saying has found increasing popularity at Illinois Tech. On those frequent occasions when you find that you are demonstrating a problem that you don't know how to finish, simply progress as far as you can. Then turn to the class and say brightly, "...and now all you have to do is turn the crank and get the answer."

Various systems are in use in accumulating problems for quizzes. Some instructors prefer to pore over problems that they had been unable to solve as a student and pick the hardest, while others refer to texts for a course more advanced than the one they're teaching.

Since Taps were played over the honor system a startling change has been effected on classroom technique in presenting examinations. Students must be placed several seats apart, given different quizzes mimeographed miserably on sheets of various colors. Under the honor system it was not necessary to use different colored paper.

Of course cheating during examinations is practically unknown at Illinois Tech. However, it might be advisable to inspect all slide rules and their cases, see that the soles of all shoes are properly scuffed, and examine the heads of all pins to see that the Encyclopedia Britannica is not engraved upon them. It isn't that the Institute doesn't trust the boys. It just doesn't want to place temptation in their way.

Any coy irregularities on the part of the ladies of the campus during examinations might best be overlooked. They often have places to deposit notes which might be improper for a young man to investigate during class hours.

Collegiate World

by Dave Pasik

The "early bird" registration custom of IIT is tough enough for most individuals, who rise before the milkman on the all-important day. But it can be worse. Much worse. Consider the chaotic conditions at North Texas State Teachers' College. There on the eve of registration a line is forming—each student prepared with blanket, portable radio and toothbrush.

A lone student camped on the library footsteps a few semesters ago, embittered because he could never get the teachers and class hours that he wanted. Since then the "prompt and punctual people" have increased to alarming numbers. One student sarcastically suggested that many of the all-nighters are veterans who miss the outdoor life of the service.

Flash! Six coeds and eight men, members of the board of the Associated Students of Washington State College, adopted a resolution opposing the lengthening of women's skirts.

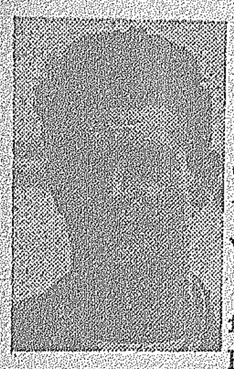
Techmen Talk

BY EUGENE R. STANLEY

Question: Should college students delay getting married until after graduation?

Henry F. Voss, Senior ME:

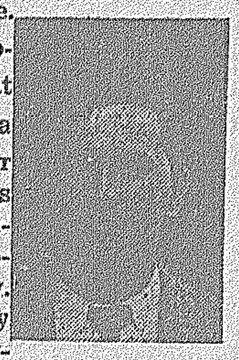
"Couples who marry before the husband has finished school should in my opinion be capable of independence. If they are not able to live away from the parents without considerable strain on their income I think they should wait.



"Friction arising from living at home can cause considerable mental disturbance and be very detrimental to the person who is at the same time trying to acquire an education. In short, if the persons involved cannot live in a normal manner after marriage, they should wait until after graduation."

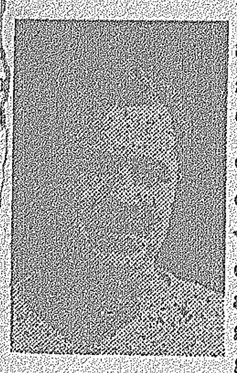
Ben Auron, Senior BE:

"Maintaining a good college average is enough of a job for a fellow without taking on the responsibilities of a wife. This is not an absolute truth in that a very few cases a wife can aid her husband in his search for knowledge. Such a woman is a rarity. Enough of my friends have proven to me, via their wails in the cafe, that marriage and college do not mix."



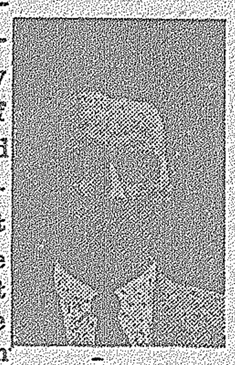
R. R. Wittmann, Senior ME:

"If the financial status of the couple is such that they can be independent of the parents after marriage there should be no reason for delaying. There are so many other factors that enter in that each would have to be examined as a separate example. I see no reason why getting married would hinder the ability to prepare homework providing the couple agreed that the education was essential to a successful business and family life. Due to conditions today it seems essential that the wife contribute to the support of the family until such time as the husband can become financially independent."



C. G. Bergstrom, Graduate Student in Chemistry:

"Assuming the wife realizes the life she must lead and the venture is financially possible, marriage would be a desirable step. A survey conducted by the University of Wisconsin showed that the undergraduate student group with the highest grade point average was the married veteran with children. The increased responsibility and time saved from going on dates would give more time to study. A married person speaking from experience could give a more qualified answer, but I believe sufficiently in it to try it—if I could find a place to live!"



Large Summer Enrollment

A record enrollment of 2,345 students attended classes this summer at Illinois Tech, topping the largest previous summer enrollment.

There were 1,443 undergraduates in the day school and 79 doing graduate work. The remaining 823 were enrolled in the evening division.

Howie Baum Combines Journalism With Studies

Although Howie Baum, 8th term CE, has never been classified as the super-aggressive type, his friends realize that he is no temporizer. His opinions, come by after long and thoughtful study, are, they say, generally sound and logical. For example, disregarding chill winds from Paris and New York, he focuses a stern eye upon the loudly heralded long skirts. They look good in the magazine ads," he says, "but so do Cadillacs. American women will work for the clothing manufacturers during the next year."

In spite of the fact that he feels science has advanced out of all proportion to social thinking, and that liberal education is sorely needed in the world, Howie entered IIT immediately after his graduation from Harper high school in March, 1944. He followed his journalistic bent here, and worked up from reporter to editor of *Technology News*. He is president of Pi Delta Epsilon, honorary journalism fraternity, and chairman of the Student Publication board. He is also a member of Chi Epsilon, ASCE, Alpha Phi Omega, and president of Triangle social fraternity.

Howie engages actively in intramural and interfraternity sports, and feels that more attention should be given to the IIT athletic program. "I am not of the 'we-have-to-beat-Notre-Dame' school of thought," he says, "but I would like to see IIT get into a college conference of schools our size. If our school makes the rapid strides promised, we can move into a larger conference. There is no reason, though, for us to stand still or regress athletically."

His outside activities do not prevent Howie from maintaining a 2.0 grade average. He received the outstanding sophomore civil engineering student award, and his name appears in "Who's Who Among Students in U. S. Colleges and Universities."

Howie is attached to the outdoor life, and following a period this summer during which he was employed by the Illinois State Highway department, took a Canadian canoe trip. Foreign shores now beckon strongly to him; after his graduation next January, he hopes to start his career with a U. S. engineering firm that does work in South America with the hope of becoming a representative there.

THE OBSERVER

TOM MARCHWICK LOU FISHER

Editorial features in any collegiate newspaper have a heavy responsibility to you who read them. On one hand they have to try to make the paper something more than a mere bulletin of school functions and athletic dates. Also, to a large extent, they are responsible for the individual student's pride in his school and in himself, since they promote a mature school spirit and interest.

In terms of these responsibilities, then, it's pretty obvious that the OBSERVER owes you something for the myopic risk you'll run this next year. What we owe you has to be our editorial policy.

If the reader of *Technology News* wants smooth, perfect newspaper know-how he can find it much more quickly and surely in any daily paper. But in the ordinary metropolitan paper, issues that are important to us as a group might not be discussed, and if at all, not from the angle that would be of the greatest importance to us as college students.

Realizing, then, how our dailies fail us, we in the OBSERVER will first choose the local or national issue that is important and interesting to most of us. We will then irritate or stimulate you by looking at the issue from our minority standpoint. From, if you will, the technical collegiate standpoint.

Finally, after each publication, both halves of the column will, as all writers do, kneel and petition the gods of journalism that our scratchings shall not be ignored.

Tom Marchwick

There is an old Greek saying, "Know thy lot, know thy friends, know thyself." In line with this, the "Observer" will discuss those topics which we consider of interest to college students and are of importance to one's relationship with the outside world.

The subject will be varied, the opinions our own. If you do not agree with them, compose a reply to *Technology News*. Discussion is a part of the "Observer's" policy, and other views will be published. We believe that all of us should not think alike, but all alike should think.

Lou Fisher.

The Cadets are flying again!

The U. S. Air Force now offers you the chance of a lifetime to start your career in aviation.

If you want to learn to fly, you have one of the finest opportunities ever offered in peacetime. Aviation Cadet pilot training has been reopened to qualified applicants presently serving enlistments in the Army, and to civilian young men who can meet the same high standards.

In order to be eligible, each applicant must be: a single male citizen, between 20 and 26½ years old, of excellent character and physically fit. He must have completed at least one half the credits leading to a degree from an accredited college or university, or be able to pass a mental examination given by the USAF. He must now be living within the continental limits of the United States.

Upon successful completion of the training course, Cadets will be rated as pilots, commissioned Second Lieutenants, and assigned to flying duty.

Reactivation of Aviation Cadet pilot training is only one of the several choices open to outstanding men who want increased responsibility and advancement in the field of aviation. It is now possible for qualified men to apply for attendance at USAF Officer Candidate School—and thus be able to equip themselves for such important specialties as engineering, armament, administration and supply.

You have a real chance to make progress and build a sound career for yourself in today's U. S. Air Force. Talk it over with the Recruiting Officer today at any U. S. Army and Air Force Recruiting Station.

U. S. ARMY AND AIR FORCE RECRUITING SERVICE

Club Activities Spotlighted For Incoming Freshmen

For those not having *Technette*, the activities handbook usually published at the start of every new school year, *Technology News* presents the following information about activities on the campus.

There are about 15 organizations now active, ranging in interest from medicine to music and drama. Notices of meetings are posted regularly on the school bulletin board in the Main building. Students may join the clubs by attending the meetings and registering with the officers.

Among the clubs are:

Alpha Phi Omega—a national service fraternity whose members are, or were, Boy Scouts. It provides ushers, proctors, and freshman orientors, assists in various drives, and has social events for its members.

Armour Eye—a photography club whose equipment includes two complete darkrooms. Its members supply photographs for *Technology News* and the *Integral*, in addition to holding school wide photo contests.

Dramatech—an organization for aspiring actors and actresses. Generally, one or more plays are presented each term.

Forum Club—presents prominent speakers to air their views of current events before all-school assemblies.

Home Economics Club—a unit exclusively for home economics majors.

Intervarsity Christian Fellowship—a non-sectarian group which holds weekly meetings to study the Bible. The IVCF holds monthly meetings with similar organizations from the University of Chicago and Northwestern.

Kiva—a cultural organization whose meetings are devoted to lectures, and the playing of records, both classical and jazz.

Medical Arts Guild—for pre-medical students and others interested in medicine.

Musical Organizations — a wide-sweeping organization consisting of an orchestra, concert band, swing band, and glee club. The group presents all-school concerts, including Christmas and Mother's Day programs.

Newman Club—a unit for students of the Roman Catholic faith. It presents weekly lectures by prominent speakers and links with other colleges to present forums and dances.

Polish Club—a club for students of Polish origin.

Professional Societies—national organizations open to all students in their respective departments. Each society plans plant tours, movies, and other field work. There are eight societies active on the campus, including the American Society of Mechanical Engineers—ASME; the American Society of Civil Engineers—ASCE; the American Institute of Chemical Engineers—AIChE; the American Institute of Electrical Engineers — AIEE; the American Chemical Society—ACS; the Institute of Aeronautical Science—IAeS; the Institute of Radio Engineers—IRE, and the Society of Automotive Engineers—SAE.

Red Cross—Composed of several committees with individual purposes, such as visiting hospitals to entertain invalid servicemen.

Rifle Club—for instructing students in marksmanship and for practice. A rifle range approved by the National Rifle Association is provided in the basement of the Alumni Hall.

Illinois Tech Women's Association—membership is automatic for all women students. ITWA promotes all phases of women's welfare including freshman orientation, advisory facilities, athletics, and social affairs. At present a mixed bowling league is being sponsored.

Join Technology News Staff Now!

● AS I SEE IT

(Continued from page 1)

efficient service has been made possible by the opening of a new larger Student Supply store. A used book exchange was organized last semester by ITSA but did not "catch" on and was little used. It was reported that AYD and AVC would start a student cooperative bookstore but no further action was seen.

AS FOR STUDY FACILITIES between classes, here too crowded conditions existed. Of the limited space, which was available, noise and disturbances continually existed caused by students coming in and going out in search of study room. This condition has been alleviated by the establishment of temporary building No. 3 which serves as a library annex and reading room, and the lounge in the South Union (temporary building No. 4 south of Chapin).

EATING FACILITIES have been doubled by the additional cafeteria and will continue to serve meals but only during rush hours.

A NEW GYMNASIUM has been opened this semester and is a welcomed move. Facilities have been provided for both men and women and the locker accommodations are the best the Institute has ever had.

IN STUDENT GOVERNMENT affairs, the majority of students took little or no active interest. It was brought to light at the recent National Student Association Congress at the University of Wisconsin that this condition was not ours alone, but appeared to be the case on many campuses. The reasons were many and varied. The NSA is a newly launched nation-wide organization representative of the community of interests of American college students. This organization appears to have merits and will be presented to the student body soon. Will Kedrow, Warren Brockmeier, and Harry Trickler were IIT's representatives.

YES, THINGS ARE LOOKING UP. The results of well laid plans for the development of a great Midwestern technological institution are becoming visible. Construction of more buildings is scheduled to be started soon.

Student Bank Formed by Bursar's Office

Starting this term, the Bursar's office will operate a Student bank for the convenience of student depositors. Since the bank is to be operated at minimum cost, the Institute will not pay interest on student accounts. Techawks may open their accounts by a deposit of not less than $5 and a payment of 25 cents for a bank book.

Deposits, withdrawals and balances can not be less than $5 nor more than $500 except in special cases where, at the discretion of Institute officials they may run as high as $1000.

The first ten transactions each month are free. Each five transactions or fraction thereof in excess of the ten free transactions each month will be 15 cents.

This service was established, said Mr. Frank Baum, bursar, as a result of a survey conducted last April at several mid-western colleges where such systems are being used by the students. He regards the bank as another step in keeping with Technology Center's increasing educational, recreational and service facilities.

"The foreign students on the campus, who represent the citizentry of 25 different nations, will doubtless find the bank of great help in their financial dealings," Mr. Baum stated.

The bursars office expects to open a currency exchange when the staff moves into its new quarters. At that time the student bank service will probably be expanded to serve the faculty and staff members of the Institute, as well as the student body.

Seniors Meet Thursday

The January, 1948 class will hold its first meeting of the term this Thursday at 11 a.m. in the new Chemistry building auditorium.

Will Kedrow, president, announced that it is intended that Professor John Schommer be present to give a "kickoff" talk for the class' final term.

Also on the agenda is the discussion of the possibility of having a baccalaureate service prior to the January graduation. A new slant will be added to the meeting in the form of entertainment after the business session of the meeting.

Parking Facilities Expanded

During the summer, the maintenance department has added a considerable area to the parking facilities of Illinois Tech. The latest addition is an annex to that on the corner of 32nd and Federal Sts., which was made available by the removal of several buildings behind the field house.

● WRITING EXPERIENCE

(Continued from page 1)

a *Technology News* box on the campus; one box is located in the lobby of North Union, another on the first floor, first entrance Chapin hall, and a slot that can be used for this purpose is located in the door of the *Technology News* office in South Union. All applicants will be notified by mail of a general staff meeting.

Employment for Wives of Students at Illinois Tech . . .

Good jobs for you as stenographers, typists, cashiers, accounting juniors, accounting clerks, office machine operators, cafeteria waitresses and servers.

Advantages of employment at Illinois Tech are half-rate tuition, participation in campus activity, good transportation, low cafeteria prices, and campus atmosphere.

Interested wives should contact Mr. Jasker, 2nd floor, Student Union.

"Mother, Mother, Mother" WHAT A RECORD! ★

BERYL DAVIS'S NEW DISC FOR RCA VICTOR

★ It's a groovy group of notes—done to a turn by one of the top of the new crop of singers.

Yes, Beryl Davis knows how to pick a tune . . . knows how to pick a cigarette too. "I tried many different brands and compared," says Beryl Davis—"I found Camels suit me best."

That's how millions learned from experience that there are big differences in cigarette quality. Try Camels in your "T-Zone" (Taste and Throat). Let your own experience tell you why more people are smoking Camels than ever before!

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

More people are smoking CAMELS than ever before!

New Promotion List Announced; Two Chairmanships Awarded

President Henry T. Heald has announced the promotion of three associate professors to the rank of professor together with the appointment of a department head and medical director at Illinois Tech.

Howard P. Vincent, who recently gained national prominence as editor of the literary works of Herman Melville, becomes professor of English and acting chairman of the department of English. Dr. Vincent was graduated from Oberlin College in 1926 and received his PhD at Harvard in 1930. He taught at West Virginia university and Hillsdale college before joining the Illinois Tech staff in 1942. He has contributed numerous articles to literary journals.

Herbert A. Simon has been appointed professor of political science. He will continue as chairman of the department of political and social science, a position he has held since September 1946. Dr. Simon has been a member of the faculty since 1942. He received his bachelor's degree at the University of Chicago in 1936 and took his doctorate at that institution in 1943. From 1939 to 1942 he was associated with the Bureau of Public Administration at the University of California.

Roland A. Budenholzer has been named professor of mechanical engineering. Professor Budenholzer was awarded his bachelor's degree at New Mexico State College in 1935, his master's at California Institute of Technology in 1937 and his PhD at that institute in 1939. He became a faculty member in 1940.

Besides teaching, Dr. Budenholzer is engaged as a consultant on Thermodynamics of the Armour Research Foundation. He also has written a number of articles for technical publications and has served as honorary chairman of the student ASME on the campus.

Dr. Edwin Whitehead has been made responsible for the department of electrical engineering. He is replacing Dr. Louis Rader who has joined the staff of the General Electric Company.

The University of Colorado awarded Dr. Whitehead his B.S. in 1928 and his MS in 1935. He obtained his doctorate in 1944 from the University of Pittsburgh.

Before coming here, he was general engineer in the electrical engineering department of the Duquesne Light Company, Pittsburgh, where he had been employed since 1932. Dr. Whitehead has been active in research and writing on lightning protection for electric power systems.

The new medical director of IIT is Dr. Charles J. Smith, who was, until recently, a member of the Loyola University medical staff. Dr. Smith was graduated from Northwestern University in 1935 and received his medical degree from the same institution in 1939.

New Equipment Aids Maintenance Crews

During the early part of the summer vacation the Maintenance department of Illinois Tech purchased a two and one-half ton International Harvester tractor. The new equipment was utilized to the fullest extent during the peak of the summer moving activity on the campus and the bright red truck could be seen shuttling between buildings with full loads of office and laboratory apparatus throughout the vacation. The newly acquired tractor was used to hoist heavy equipment to the second and third floors of the Chemistry building, drag large pieces of war surplus machinery down the street, and other miscellaneous tasks.

Also on the list of maintenance equipment arrivals are two 30 kilowatt Cummins diesel generators. They are being used to temporarily supply electric power to the Chemistry building. Electric installation material has not arrived in time to enable the Edison Company's power supply to be utilized in furnishing electricity.

Collar Girls Map Dance

For their first event of the term, the White Collar Girls Club is arranging a barn dance on September 27 at the 55th Street Promontory. The dance, for members and dates only, will begin at 7 p.m. and last through 11 p.m. The admission is one dollar per couple.

The officers of the club for this semester are president, Alice Brown; secretary, Julie Balich; treasurer, Carol Grasmoen.

Aim at "Finest" T. D. Department

The technical drawing department has recently moved into their expanded quarters on the fifth floor of the Main building. Part of this floor, including the old gymnasium and physical education offices, were remodeled into three new drafting rooms during the summer vacation.

The rooms are equipped with fluorescent lighting, water and an acoustic ceiling. One of the rooms has entirely new drafting tables that were especially designed by the department staff.

The plans drawn up by the technical drawing staff include remodeling of the entire fourth floor. This floor will eventually contain the main offices of the department, the visual aid laboratory, a small shop and drafting rooms. The plans were drawn up by the staff so that they would be suitable for the type of drafting and operation of the department.

Lectures, however, are not confined to the main building. They will also be given in the auditoriums of the Chemistry building and the North Union.

The technical drawing department is handling a bigger enrollment than ever before in a limited space because of the abandonment of drafting rooms in Alumni hall and the Physics building. However, after all the remodeling has been completed in the near future, the technical drawing department of Illinois Tech will be one of the finest of its kind in the nation.

Social Plans on Agenda For Tech Association

The Illinois Tech Student Association will hold its first meeting of the term on Wednesday, at 5 p.m. in the South Union. The purposes of the meeting are to discuss social plans for the semester and the National Student Association, to begin a revision of the *Technette*, and to begin a discussion of the budget.

The main purpose of the ITSA is to plan, discuss, and approve proposed expenditures by various groups, social events, organizations, IM manager, etc.

All students are automatically members of the ITSA and are invited to attend its meetings.

Fencing Club Meeting

Harry Peyser, captain of the fencing team, announces that the organization will meet for the first time this semester next Monday in the lounge of the North Union building at 5 p.m.

Plans for the coming term will be the main issue up for discussion. Anyone interested in joining the team may do so by being present at the meeting.

Subsistences Delayed Until November—VA

Mr. Frederic Hand, VA training officer announced that veterans should not expect to receive any subsistence checks before November. A backlog of summer work, plus a decreased departmental staff, were indicated by Mr. Hand as being the reasons for the delay.

Veterans can obtain textbooks from Mr. Hand's office at 50 per cent of the bookstore price. Mr. Hand reported that there were not enough books for all classes or for every one, but those available can be purchased for one-half of the eligibility time yielded by buying the same texts in the bookstore. The VA training office is located in the auditorium of the North Union building on the right side of the stage.

More Assemblies Possible

In order to present more assemblies to the student body, class schedules have been arranged, leaving the hours of 11 a.m. to 12 noon on Tuesdays and Thursdays open. These periods have been left free to allow the program committee, which has been recently formed, to plan for and arrange assemblies to be presented during the term.

The program committee consists of Dean John F. White, Dr. Pierce Davis, Robert Rose, instructor of mechanics, Paul Thompson, Bill Vauthier, Bob Richter, and Bob Cunningham.

Dr. Smith Discloses New Medical Plan

Illinois Tech's new medical program while incorporating many new features, will not be a radical departure from the previous system, reports Dr. Charles Smith, new medical director.

The main purposes of the program are:

1. To provide first aid to anyone needing it.

2. To keep students in class and employees on the job by providing a place where symptoms can be checked immediately and steps taken to prevent possible serious illness.

The medical director's office does not intend however, to supplement or replace treatment by an individual's own physician, Dr. Smith pointed out.

Many medical supplies have been ordered to increase the dispensary's efficiency. In addition to the regular supply of bandages and medicants, a heat treatment lamp, ear, nose and throat instruments and surgical instruments for minor surgery needs are being placed in the dispensary.

The dispensary, which is located in the Auditorium of the North Union will be open from 8:30 a.m. to 5:30 p.m. Monday to Friday. Dr. Smith is available from 8:30 a.m. to 9:30 a.m. and from 11 a.m. to 2 p.m. A nurse and a student assistant are on hand throughout the day.

Dr. Smith also disclosed the fact that the series of lectures on hygiene shall be continued.

Force Explains Food Prices

Students on the campus could not believe their eyes when they noted that coffee in the South Union cafeteria was five cents while in the North Union cafeteria it was ten cents! Milk too had a price differential in the two lunchrooms. However, the mystery completely dissolved after an explanation was offered by Gilbert A. Force, business manager of the Institute.

The two cafeterias now on the campus have been set up on a different economic basis. The North Union cafeteria is operating on a table d'hote plan, specializing in hot meals, sandwich and salad meals. A la carte items here are relatively expensive, because this cafeteria carries most of the overhead of the IIT food service.

Mr. Force indicated that the South Union cafeteria has purposely been established with a low overhead in order to maintain, if possible, a lower schedule of prices of all food items, even in te face of rapidly mounting raw food and labor costs. This cafeteria offers various a la carte items, such as, milk, pies, hamburgers, salads, sodas, sundaes, etc. The opening of the second cafeteria provides the facilities which have been needed for the convenience of the students who bring their lunches.

Man with a system

Simply pick up your telephone and you can route your voice through any one of thousands of central offices—some with dial mechanisms so complex they stagger the imagination, yet so efficient they seem to work like magic—others staffed by competent, courteous operators whose standards of work have long been a fine tradition.

You command, in effect, millions of miles of telephone wire and cable.

You can direct your call—one of some 110,000,000 that will be made today—to any one of some 53,000,000 telephones here and abroad.

The operation of this vast system is big business. It is a complex, many-sided business in which thousands of college trained men are working in their chosen fields—development or research, engineering planning, accounting or statistics, public contacts, supervision of operations or other phases of management. These men have found highly interesting and rewarding careers.

BELL TELEPHONE SYSTEM

Ed Glancy Will Coach Cagers

To greet an estimated enrollment of 3,500 students, the administration has provided a tremendously improved athletic program. The bringing in of Edward Glancy to coach varsity basketball and baseball, marks the first time the school has signed a full time coach. Glancy replaces Bernard "Sonny" Weissman who has been promoted to Assistant Director of Athletics, a position he formerly fulfilled in addition to his coaching duties.

A new gymnasium will be unveiled this fall, boasting an $8,000 hardwood floor. With these improvements in the coaching staff and facilities, all that is needed now is material to give the school some championships.

The familiar "Flatbush" cry "Wait Till Next Year", has resounded around Technology Center as an instutionalized excuse. It looks like the Dodgers are going all the way this year, perhaps that is a sign for the Techawks. At any rate, we wish Coach Glancy and his staff all the luck in the world.

The old Scarlet and Grey had a disappointing season last year, when only Coaches John Ahern, and Bud Herman were able to bring their Swimming and Tennis teams respectively, through the season with more wins than losses. On the bright side both of these squads have suffered only one loss in their personnel, and look forward to an even more successful season.

Though the basketball and baseball squads turned in very unimpressive records, they appeared strong in many places, and will provide several returning lettermen.

FOOTBALL! FOOTBALL?

Well, where does all this bring us around to? What is the greatest inter-collegiate sport? That's right, you guessed it, football, of course.

Where is Illinois Tech in football? Again you guessed it, usually in Dyche Stadium watching Northwestern's Wildcats. Certainly this is no new subject, particularly to the ears of the administration, but it is a timely one, and there is no time like the present to bring it up.

The worn out and overused excuse from the office has been, "We don't want a football team, unless we can have a good one, and we don't think it is possible to have a good one."

Five year ago, this was a valid answer, today it is weak, miserably weak. It is quite obvious that Illinois Tech would not be in the Notre Dame class, and goes without even mentioning. However, football is played in the smaller schools, such as Lawrence, Grinnell, and Beloit, and Illinois Tech is definitely in the position to compete favorably with them. With a desirable attraction from the products of the Chicago High Schools, where one of the fastest prep leagues in the country exists, the Techawks would easily secure enough material.

Other overworked excuses persistently claim that the scholastic standard of Illinois Tech would not permit the student to have time for the necessary practice. It seems that California Institute of Technology in Pasadena, and Case School of Applied Science in Cleveland can manage it; certainly it deserves a try here in Chicago.

Some have claimed that most of the small colleges are already in closed conferences, and suitable competition would be difficult to find. Since the War, many small colleges similar to Illinois Tech have started football, and would gladly welcome the Techawks on their schedule.

Whether we will be satisfied to let all our football aspirations end right here in these weak excuses remains to be seen. It's up to the students now.

New Two Court Gym Completed

Sports Personality of the Week

Ed Glancy

Illinois Tech's basketball and baseball futures are now in the capable hands of our new coach, Edward W. Glancy.

Glancy, who is a tall personable young man, has had several years of baseball and basketball experience, beginning at St. Raphael Academy in Pawtucket, R. I. He continued his athletics at Manhattan College winning major letters in both sports. After graduating with a B.S. degree, Glancy played professional baseball with the Pawtucket Slaters and the Richmond Colts. He also played with several professional basketball teams including the Oshkosh All-Stars.

He began his coaching career at La Salle Academy, Providence, R.I., before the war. Last year he coached at St. Raphael Academy where his basketball team won 21 of 25 games.

During the war, Glancy served as an ensign in the development of the Navy athletic program at Illinois Tech. He later was transferred to sea duty participating in the Iwo Jima, Okinawa, and Home Island campaigns with the Third Fleet.

Glancy stated that he is starting from scratch with regard to the varsity teams. His first hope is for a large turnout of candidates. He is also anxious to begin the comprehensive intramural program that should prove to be of benefit to all.

Track Team Calls For Recruits

All men interested in track and field are urged to report today to the varsity locker room in the new gymnasium at 4:00 p.m. Plans have been formulated for cross country and fall track teams. Distance men (880 yards to the two mile) will compete on the cross country team. Dash men, hurdlers, and field event men will compete with the fall track team.

Training will commence immediately and will continue until Thanksgiving, after which there will be a lay off until the first of next year. The importance of reporting immediately cannot be over emphasized. At a technical school where time is at a premium, track men cannot produce their best performances during the regular season unless they train in the fall.

ABOVE, THE TWO BASKETBALL COURTS are shown in the new gymnasium located at 32nd and Dearborn Streets, where the Tech Hawks hope to chalk up many victories.

Full Intramural Program Will Be Offered This Fall

IF Golf, Tennis Starts Soon

Four sports trophies will be put on the block this fall in interfraternity competition, tennis, golf, football, and basketball.

Tennis and golf tourneys will be run during the second and third Sundays of the semester with football being started shortly thereafter and basketball starting immediately after Thanksgiving.

Tennis is an elimination tourney with each team consisting of three singles matches and two doubles. Last year Sigma Alpha Mu beat Delta Tau Delta in the finals to win the cup.

The golf trophy was won last semester by Alpha Sigma Phi, easing out Pi Kappa Phi and Triangle by close margins. Golf teams consist of four men each and low team score determines the winner.

Football, touch that is, is played according to regular six man football rules with the word touch being substituted for tackle in the appropriate places. Alpha Sigma Phi won the cup last fall beating the Pi Kaps in a real thriller 2-0.

The basketball cup was won by Pi Kappa Phi though they had to beat the Rho Delts twice to do it in a double elimination tourney.

The new IFC sports manager will be appointed at the IFC meeting this week.

Ed Glancy's addition to the I.I.T. athletic staff will boost IM activities to a new high. Last year, due to the absence of a full-time intramural director, the only activities held were touch football, basketball, softball, bowling, and ping pong.

But this year, according to Glancy, there will be a complete year-long series of activities that will give Techmen an opportunity to develop a healthy body along with the regulation brain strain.

Coach Glancy will be assisted by the IM managers in carrying out this heavy program. The sports that will be held are touch football, softball, basketball, track, bowling, ping pong, horseshoes, tennis, volleyball handball, and possibly swimming.

Focal point for IM activity will be the new gym on the corner of 32nd and Dearborn sts. The gym will be used for basketball, volleyball, and handball. It has excellent locker and shower facilities for both men and women students. Ogden field will be the scene of the touch football, track, and horseshoe tournaments, while tennis will be contested on the courts in back of Chapin Hall and the swimmer will plunge at the Valentines Boys' Club.

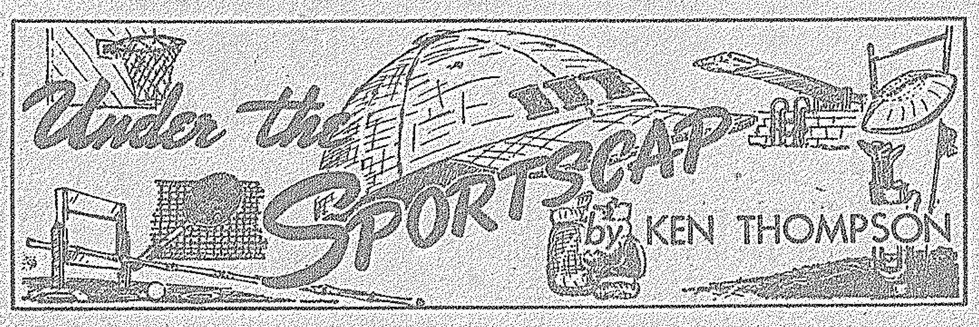
Announcements for the various tournaments will be printed in *Technology News* and posted on the bulletin board in the North Union building lobby.

Victors in the IM tourney will be awarded sterling silver medals which may be dangled before the eyes of grandchildren.

All IM entries will be turned in to "Sonny" Weissman's office, second floor, North Union building. Mr. Glancy's office will be in the new gym.

IIT Bowling League Starts Tonight

An IIT handicap bowling league began last night at the Archer Recreation Center at 35th and Archer Ave. The league is composed of eight teams and will meet every Monday night. Ida Wright is secretary chairman of the league. Standings will be published in *Technology News*.



After two years of trying out for varsity teams and lasting as far as the first cut I find myself writing about them. It seems to fit the old adage, "Those that can —do, those that can't—write."

Of interest to the new students at Tech—IIT engages in eight varsity, intercollegiate sports, baseball, basketball, boxing, golf, swimming, tennis, track and wrestling. A ninth is in the offing—football may be offered next fall pending the results of a poll taken of various engineering schools in the country.

The school colors are scarlet and grey . . . the nickname Techawks. Tech Tankers won nine meets while losing three. The cagers won four while losing fourteen but hope for a better record this season with a full time coach at the reins. Last season Sonny Weissman had to squeeze his coaching duties in amongst his many other duties with the inevitable result, not enough time could be spent on any of them.

Last fall Honor I recommended that freshmen should not be allowed to participate in varsity athletics, ITSA approved the recommendation and passed it on to the administration for action, to date nothing has been done either way. The freshmen, coaches and lettermen would like to know, what gives?

IIT Athletes Get Own Home —At Last!

New Gym to Facilitate Activities of Varsity Intramural Teams

The dream of an Illinois Tech gymnasium has now materialized. At last such stalwart warriors as the basketballers, boxers, wrestlers and even the tennis, baseball, and golf teams will have a home in which to flex their various muscles.

The building, which has a total of 17,500 square feet of floor space, was erected by the government and is located at 32nd and Dearborn streets. Its proximity should increase its usefulness to the student body. The school installed the $8,000 basketball floor, which is made of handpicked hardwood. It is laid out for two full size (90' x 44') basketball courts. The varsity team will have top priority on the east court, while the west court will be devoted exclusively to intramurals.

The intramural program is to be greatly enlarged this year. The new member of the IIT coaching staff, Edward Glancy, is to be in charge of intramurals and promises that there will be some activity scheduled at all times. The courts are equipped to handle a variety of sports including handball, volleyball, and badminton. There are also two workout rooms complete with punching bags, mats, and driving nets (for golfers).

There are numerous modern showers with one set reserved for the exclusive use of the fair sex. There are also four separate dressing rooms. One for women, one for varsity teams, one for general and intramural use, and one for members of the faculty. The latter dressing room will be used by the athletes of visiting teams.

The equipment room will supply clean towels daily (no towels will be kept in lockers) as well as sundry supplies such as balls, nets, and racquets.

There are also offices for members of the Physical Education department, a lounge, a room for officials, a storeroom, and four locker rooms containing 600 lockers.

At present there are two ideas for seating spectators at varsity athletic events. The better one consists of having a set of folding stands; otherwise folding chairs will be used.

The gymnasium will also be used for physical education classes, which are now compulsory for freshmen of both sexes.

Suggestions for later improvements include outlining tennis courts on the canvas cover of the floor and marking an indoor track. This latter arrangement is particularly important as the speedsters have no facilities during the cold, snowy months. A convenient and adequate indoor track will add immeasurably to the team's success.

Officially known as Temporary No. 5, the new gym should hold an important place in Techawk activities. The building and equipment are there. All that remains is for each student to make use of it according to his own needs and desires.

EASIER—QUICKER—NEATER...when you use
EBERHARD FABER
ERASERS for
Clean Corrections
PENCIL, INK OR TYPEWRITER

27% Student Body Votes

Bob Richter Elected ITSA President

Seven hundred and ninety-three Illinois Tech day students—27 per cent—voted during the all-school elections last term, setting a new record for a turnout at a school election.

In the elections of ITSA officers, Bob Richter won the presidency over Warren Brockmeier, Shirley Langill defeated Kathleen Walker for secretary, and Ken Thompson took vice president uncontested.

The senior class elected Bob Cunningham president, while Pat Vedel, Samuel Curiale, Pat Kennedy, and Race Wilt took the offices of vice president, treasurer, secretary, and social chairman respectively, without opposition.

Don Ennis was elected to the junior class presidency and Bob Guthrie to the vice presidency. Celia Barteau is secretary, and Edward Adolphson,. SUBC representative. Uncontested nominees were Roy Johnson for treasurer and Bob Amstutz for social chairman.

The officers chosen by the sophomore class are Bob Jonelis, president, John Patterson, treasurer, Don Campbell Jr., social chairman, and Cliff Nelson, SUBC representative. Irene Radvillas was unopposed for secretary.

The freshmen elected Raymond Van Felst as president, and Dick Roberts as treasurer, while Audrey Solomon took the office of secretary without opposition.

A candidate, to be elected, had only to receive a plurality vote from his class, in place of a majority vote formerly needed. In this system, runoff elections are eliminated, and the results may be completed early.

This election was the first to be held at the end of the semester and allowed the elected officers to fully prepare programs for the fall.

BUILDINGS

(Continued from page 1)

Temporary No. 4, located on the north side of 34th Street between Federal and Dearborn Streets, contains 12,800 square feet. Known as the South Union, it contains a cafetreia seating 300, student supply and book store, study hall and lounge, and offices for the student staffs of the college newspaper, yearbook, and ITSA. The cafeteria kitchen has been completely furnished with war surplus equipment.

Temporary No. 5, located at 32nd and Dearborn Streets, contains 17,500 square feet. This building provides Illinois Tech with a complete gymnasium for the first time. It will house the department of physical education, including offices, supplies and equipment storage space, facilities for both men's and women's athletics, space for indoor baseball, an area large enough to accommodate two simultaneous basketball games, and 600 lockers obtained from government surplus.

Increased physical facilities on the Illinois Tech campus permit centralization of instruction not possible before. This fall, for the first time, the architecture department will be housed completely on the campus. It will move into Alumni Memorial Hall, first classroom building completed in the new building program. Illinois Tech's naval ROTC unit, armed by the Navy "the best equipped in the nation," will continue to occupy quarters in the building.

Eventually all activities of the Institute will center on the southside campus. With the moves this fall, the only activities remaining downtown will be the department of home economics, Institute for Psychological Services, and certain classes conducted by the Evening Division.

A new conference room will occupy the space formerly used by the student bookstore. The main cafeteria and the staff dining room, both in the North Union, also are being redecorated.

Wives' Employment

The practice of employing the wives of students was initiated early this year by Illinois Tech and proved to be mutually beneficial, according to Leslie Jasker, Recruitment officer.

"The wives find it pleasant working where their husbands are working and appreciate the additional personal contact afforded by shared travel and lunch time hours. The students share in the appreciation of this additional time spent with their wives and have the assurance that their wive's employment is of a most suitable nature," said Mr. Jasker.

"The Institute has found that the wives are loyal, conscientious workers. At present there are six students' wives employed by the Institute. Mrs. Addie Shine, Mrs. Eleanora Bonin, and Mrs. Helen Norini are machine operators in the Office Services department and Mrs. Ruthanne Kooy employed in the Business office, and Mrs. Vivian Belsky Fairbert is Chief Clerk in the Alumni office, and Mrs. Vivian Belsky is secretary in the Industrial and Metallurgical Engineering Departments," continued Mr. Jasker.

The beginning of the first semester 1947-1948 will open new opportunities for additional wives of students.

J. B. Finnegan, Pioneer in Fire Protection Engineering, Dies

Joseph B. Finnegan, 66, emeritus professor and head of the department of fire protection and safety engineering at Illinois Institute of Technology succumbed to a fatal heart attack on the Fourth of July of this year.

Service were held July 7, at St. Thomas church and burial in All Saints cemetery, Chicago. He is survived by his widow, Mrs. Margaret Finnegan, four daughters, and two sons.

Mr. Finnegan was born September 27, 1880 in Stoneham, Mass., and spent his boyhood there. He graduated from the Massachusetts Institute of Technology in 1904 with a B.S. degree in chemical engineering.

In 1905, Mr. Finnegan came to Armour as an instructor in fire protection engineering. He was promoted to the position of assistant professor in 1906, associate professor in 1907, and professor in 1916.

From 1906 to 1932, in addition to his teaching duties he was associate engineer for the protection department of Underwriters Laboratories in Chicago.

In 1939, he accepted the editorship of the college's Engineer and Alumnus magazine and held that position until 1944. He again edited the publication from the time of his retirement, a year ago, until his death.

Mr. Finnegan is recognized as the man who did more than anyone else to spread the concept of fire protection engineering as being grounded on the basic engineering as distinguished from the usual conception of fire fighting.

"Engineer" Positions Open

Positions for the coming year on the student staff of the *Illinois Tech Engineer* are now open, Thelma Coleman, business manager of the *Engineer*, reports.

The *Engineer*, published four times yearly, has become one of the outstanding college engineering publications in the nation and claims a large readership among leading members of the profession. The magazine is distributed without charge to Illinois Tech students.

Those students interested in working with the *Engineer* staff are asked to see Miss Coleman in the Public Relations office, 41 W. 33rd street.

Music Clubs Plan Meeting

All students who are interested in joining the band, glee club or orchestra are urged to attend the first rehearsal of each of these sections as an early engagement has been planned. The orchestra meets tomorrow; the glee club, Thursday; and the band, Friday. The rehearsals are held in the auditorium once a week starting at 5:15 p.m. and lasting until 6:30.

It is desirable that every man bring his instrument for the first rehearsal; however, drums, basses, etc., are provided by the music clubs. Pianists are especially needed for these clubs and, since rehearsals are held first only once a week, little conflict with studies should be expected.

The first concert has been scheduled to be held sometime in November at the Downers College of Milwaukee. Before visiting the girls' college, there will be a combination field trip and concert at the Allis Chalmers plant. In addition, a full program of other trips has been set up for the coming two semesters.

PHILIP MORRIS offers the smoker an extra benefit found in no other cigarette. For PHILIP MORRIS is the ONE, the ONLY cigarette recognized by leading nose and throat specialists as definitely less irritating.

Remember: Less irritation means more smoking enjoyment for you.

Yes! If every smoker knew what PHILIP MORRIS smokers know, they'd all change to PHILIP MORRIS.

CALL FOR PHILIP MORRIS

TRY A PACK . . . TODAY

Freshmen Welcomed By Fraternities

Incoming freshmen received their first taste of fraternity life at Illinois Tech last Saturday during the open house tour arranged by the Interfraternity Council.

The group was welcomed to IIT on behalf of the fraternities by W. Grover Ponton, IFC president, at an assembly held Saturday morning.

Ponton's talk was followed by a showing of the new colored sound movies depicting fraternity life at IIT. The film, which was directed by William Wightman and produced by Gene Dymek was of 20 minute length and contained views of all 11 Tech fraternities.

Rushing will continue this week under the new rushing rules adopted recently by the IFC. The climax will be reached next Saturday evening when most of the fraternities will hold informal parties. A Sunday afternoon tea for parents of rushees will be held in several houses.

Pledging of rushees will take place next Monday evening. After that no student may be pledged for a period of two weeks, although rushing will continue during this period.

PHC Welcomes New Girls, Informs on Rushing Rules

The Pan Hellenic Council gave a tea on Sunday, Sept. 7, at the Graduate House, to officially open the rushing season. Carol Moses, president, gave a talk to acquaint incoming women students with the activities of the Pan Hellenic Council and to make known the following regulations covering dues and rushing.

1. To be eligible for rushing a girl must be a regular student taking 10 or more credit hours, or a regular evening school student taking 6 or more hours. Night school students can be rushed only on special permission.

2. No girl on probation may be rushed or initiated. First semester students may be pledged but may not be initiated until grade reports are in and are satisfactory.

3. Rushees must not fraternize with active sorority members unless two or more sororities are represented. This includes cafeteria, lounge, library, private homes, or anyplace besides official rush affairs—until rushing season closes, Oct. 15th.

4. Sororities whose members violate rushing rules will be fined by the Council.

Install Traffic Signals At Hazardous Corner

Gone are the octagonal stop signs on the corner of 33rd and State streets. In their places are the long heralded traffic signals which were installed and operating by Sept. 16, 1947. For the past ten years the Institute has continually requested a traffic signal on this corner to no avail. All efforts were expended by President Henry T. Heald, Captain H. B. Deas, commanding officer of the Fourth Police District, and the members of the Fire Protection and Safety Engineering department at Illinois Tech, as they were gravely concerned over possible loss of life and serious injury.

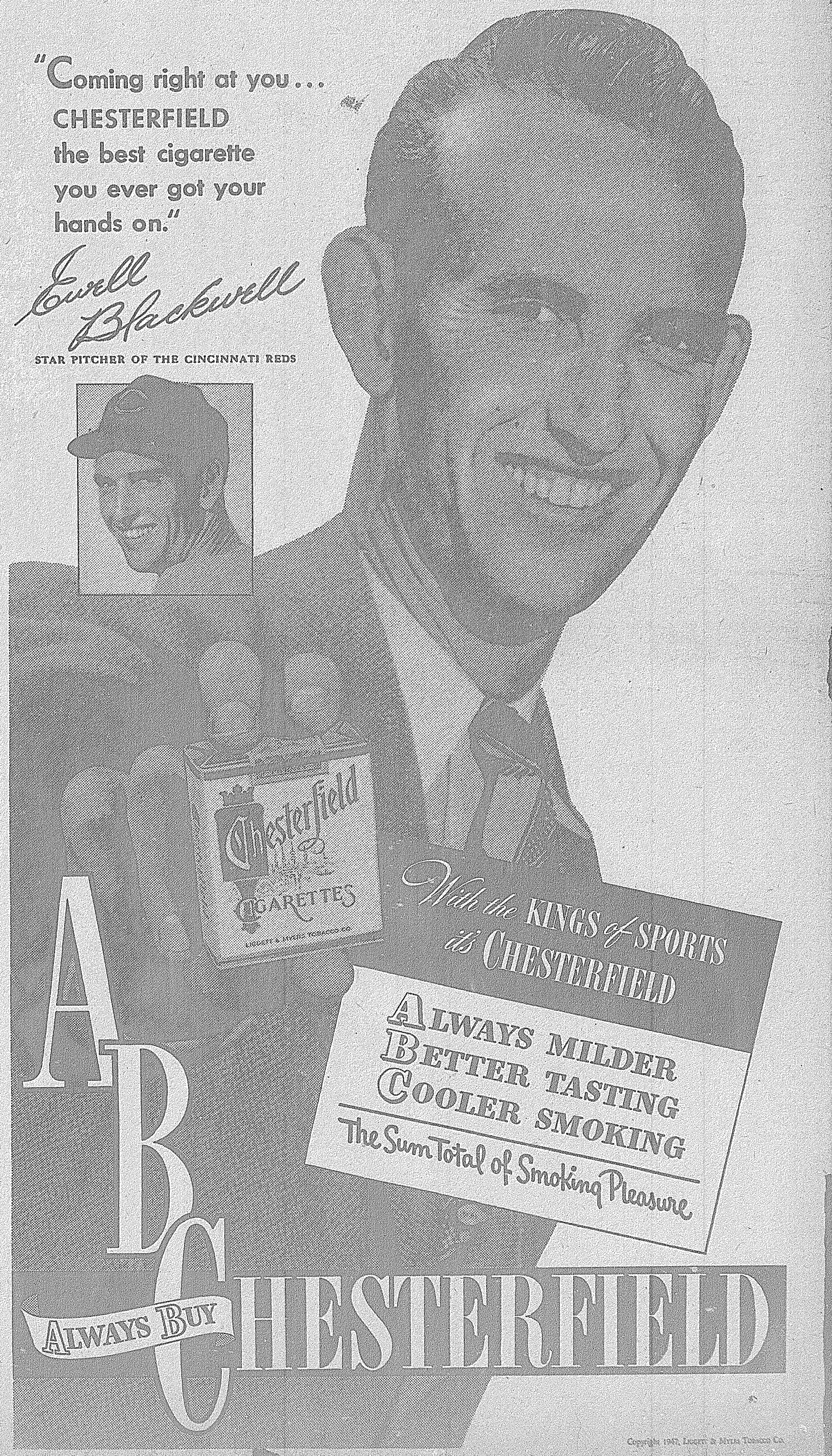
Traffic volume studies have been made on this corner for a number of years but it was not until Sept. 1946 that the corner met the requirements as established in the manual on Uniform Traffic Control Devices. These requirements contain the provisions governing the expenditure and disbursement of funds from the state gasoline tax which are used to purchase traffic devices.

Captain Deas is closely associated with the Fourth District Safety Committee along with Treasurer Raymond J. Spaeth, Professor John J. Ahern, director of the department of Fire Protection and Safety Engineering, and Robert C. Peterson, Associate Professor of Safety Engineering. This committee, which is composed of civic leaders in the community, such as teachers, ministers, public officials and representatives from various social groups, is principally engaged in stimulating neighborhood participation in traffic safety activities.

Last year the members of the Institute cooperated in the showing of safety educational films for the school children. There is little doubt that this program has been highly efficient in reducing the exposure to accidents on Chicago streets in this area.

ITWA Holds Luncheon Forms Bowling League

The Illinois Tech Womens Association held a smorgasbord luncheon Saturday for an orientation of new women students.

Speakers were President Henry T. Heald, John White, dean of students; John Larkin, dean of Liberal Arts and Science; Jeanette MacLuckie, assistant to the dean, in charge of women's affairs, and Ida Wright, president of ITWA. Audrey Read was mistress of ceremonies.

President Wright announced the formation of a mixed bowling handicap league which meets Monday from 6 p.m. to 8 p.m. at the alleys at 35th and Archer. Substitute positions still open. The cost is $1.25 per evening.