

THE ANNUAL All School Sing which is being held this Friday morning should be something new and different if the reports from its sponsors hold good. Sly O. Gordon Erickson, who for years has planned and directed most of the musical effort on this campus, turned over the reins to Pi Nu Epsilon, musical honorary, for this program. Anything is liable to happen!

A/S ROBERT BROWNING, president of the 4B senior class, and his social chairman, A/S Harry Knowlton, have started off their terms of office in commendable fashion. At a short but efficient meeting held Friday, a mimeographed list of possible activities was handed to each man on which he marked his preferences. The list saved endless discussion and still maintained the thoroughly democratic foundation so essential in school organization. Other classes might well copy this encouraging beginning.

TOO FEW PEOPLE have seen the new student activity handbook released last week. Although expressly for freshmen and new students, its careful organization might clarify many questions some upperclassman has hesitated to ask. It is available free in "Sonny" Weissman's office. The book was written by Pi Delta Epsilon under the editorship of Pi Delt president Ramon Olson.

THE IDENTITY of the person who diverted the hot water from the drinking fountains in Main and turned on the cold water is unknown, but along with the entire student body and faculty I offer many thanks!

Juniors Will Meet This Friday Noon

Juniors are requested to come to the auditorium this Friday in order to attend a short class meeting, which will start around noon. The purpose of this meeting will be to discuss an all-school dance.

Tentative plans have been arranged because of the impracticability of waiting longer to make plans and to present to the class concrete suggestions. It is up to the class, however, to make the larger decisions.

The proposed date is September 8. Several hotels have already been contacted in order that a spot for the dance may be assured.

All juniors are urged, by the class officers, to attend this first meeting of the semester.

Link Office Now in SU; Moves From Chapin Hall

Forced to move from its Chapin Hall office by the electrical engineering department shift, the re-activated Link date bureau landed in the Student Union last week. New quarters for the organization is a small room leading to the long abandoned organ loft.

Since the compartment had not been used for anything but storage for many years, it needed a thorough clean up. Interior decorators for the job were Norbert Vojta, Bill Sirvatka, and John Schmidt, co-chairmen and publicity director of the organization respectively. The new Link office is located just off the southeast corner of the Auditorium balcony.

Scholarship of IIT Vets Last Semester Over 1.5

Illinois Tech veterans have a higher scholastic average for the past semester than the all-college level. The average, which was computed for all veterans at the school and not just the ITV, is well over 1.5. Included in this relatively high average for such a large group are the three veterans that were dropped and the six that are on probation.

At present there are ninety-three veterans attending IIT, and about thirty more are on their summer vacation.

All-School Sing Will Be Friday

Classes Will Compete For Prize During Event

On Friday morning O. Gordon Erickson and the Tech music clubs will hold an hour of entertainment. The highlight of the affair will be the All-School Sing.

The perennial Inter-Class song competition will be the highlight of the morning's music fest, but selections by the Glee Club, Band, and Orchestra will also appear on the program. As has been the custom in the past, the winning class will receive a prize. Last semester the freshmen came through for a round of cokes. All classes will sing the IIT fight song and be judged on spirit and volume as well as the usual musical points.

Other numbers on the program are to be "Shadrach," "Russian Dance," and "In the Gloaming," given by the Glee Club, Orchestra and Band in that order.

Shadrach, the story of the ill-fated journey made by "three children from de lan' of Israel" will be sung by a trio, composed of Trent Knepper, Wendel Omer and John Schmidt, with a vocal background by the rest of the Glee Club. This organization is also expected to sing the Tech Alma Mater and fight songs. Between the three music groups, a total of about seven numbers will comprise their part of the program.

Music director Erickson urged everyone to "Turn out, support your class, and have a whale of a time."

IIT Vets' New Members Introduced at Smoker

The IIT Vets held a smoker on Friday, July 27 at 7:30 p.m. in the Student Union lounge. Main object of the evening was to acquaint the new veterans with the active members.

Dean Tibbals gave a short talk on the GI Bill of Rights. John White, veterans' counsellor, presided over a forum in which problems of the vets were discussed.

Entertainment was provided by Frank Hall, treasurer of the club, who performed some magic tricks. Refreshments were served in the lounge, followed by card games.

Twenty Outstanding Mexicans Will Attend ARF Conference

A conference, to which approximately 20 of Mexico's outstanding leaders in the field of industry, government and finance, will be invited, will be held in Chicago in October at the invitation of the Armour Research Foundation, Dr. Jesse E. Hobson, director of the Foundation, announced today.

Scheduled for October 1 to 6, this meeting will be known as the Mexican-American Conference on Industrial Research. The conference has been called in order to bring about a better mutual understanding and knowledge of methods used by each country in the solution of their respective problems in the field of industrial research.

The group will review and inspect many types of research projects in the United States through visits to various industrial college and research organizations in the vicinity of Chicago and through discussion panels and meetings of leaders of both countries along lines of mutual interest.

The Mexican group will leave

Dance Maestro



BAND LEADER.—Roy Milton whose orchestra will be featured at the Integral Ball.

Entry Deadline in Integral Contest; Balloting Thursday

Tomorrow afternoon will be the last chance to submit entries for the girl to be crowned queen of the ball. Photographs may be turned in to the News Bureau, Leonard Jateczak, or to any one of the men selling bids.

A committee chosen from the Integral staff will select ten finalists. These finalists will be on display Wednesday in the student union. Voting for the queen will take place from 8 to 1 o'clock in the student union lobby; all students are eligible to vote.

The photographs may be of three sizes, 4x6, 6x8, or 8x10. Portraits or full length photos will be accepted.

The ball itself is to take place Saturday evening from 9 p.m. until 1 a.m. at the Hotel Continental, 505 North Michigan Avenue. Roy Milton's orchestra will provide the entertainment.

A feature attraction, unique at this dance, is that the fraternity having the greatest representation will be given the privilege of having a dance dedicated to them. During this dance, the members of the winning group will have the dance floor to themselves.

The ballroom is on the seventh floor and tables are located on the eighth floor balcony. It is expected that there will be sufficient tables for all

Trainee Officers of V-12 Unit Posted; Leydig is Commander

Martin, Jansen Named Battalion Officers; Three Have Lieutenant Commander Ranks

Fred Leydig will be the trainee regimental commander of the navy V-12 unit when the reorganization, announced last week in *Technology News* takes place, Lt. George Florence, battalion officer, said today. Commander of the first battalion will be Damen Martin, while leading the second battalion will be Phillip Jansen. All three men will have the rank of trainee lieutenant commander.

V-12 Men Asked To Enter ITSA

The opportunity to join the ITSA will be offered the navy V-12 trainees this semester as in previous years. The one dollar fee will be accepted at a table in the navy pay line Saturday afternoon and membership cards will be issued as receipts.

This scheme worked out by the ITSA allows navy students to share in all school activities which are otherwise sponsored only through civilian tuitions. The money collected is used with civilian activity fees in financing *Technology News*, Dance Club, The Link, and maintaining the cafeteria music and lounge juke box.

A/S Robert Freund, president of ITSA, pointed out that individual class treasuries are also supplied by the ITSA. He said it is through this source that class dances, stags, hay rides, and in fact, all class activities are financed.

Freund added that with summer enrollment down and expenses practically constant, the dwindling treasury of the ITSA poses a problem which the navy men can help to solve.

AIEE Picks Officers; Makes Picnic Plans

A/S Norbert Vojta was elected president of the student chapter of the American Institute of Electrical Engineering through elections held last week.

Other officers elected were: vice-president, A/S Alan Grant; treasurer, A/S William Sirvatka; and secretary, A/S William Bachtel.

Over 35 members of the organization attended a movie about the Underwriter's Laboratories last Friday. Plans are being formulated for a picnic sometime in August.

Vojta stated that membership is open to all students majoring in electrical engineering. An activity fee of fifty cents covers the organization's activities for the current term.

Elections Postponed By Pi Delta Epsilon

Election of officers for the present term has been postponed by Pi Delta Epsilon, national honorary collegiate journalism fraternity, until next Thursday at 5 p.m. in the *Technology News* office, announced A/S Ray Olson, president of the fraternity.

Pi Delta Epsilon is an honorary collegiate journalism fraternity whose members are active on the publications. During the last term the fraternity compiled the Activities Handbook, a pocket-size booklet detailing the various activities and duties at IIT.

Present officers are: president, R/S Ray Olson, who is editor emeritus of the *Technology News*; secretary, A/S Trent Knepper; and treasurer, A/S Alan Grant, who are editor-in-chief and managing editor of *Technology News*, respectively.

Assisting Leydig with regimental duties will be sub-commander Arthur Marcussen and regimental adjutant Louis Teppig, with ranks of full lieutenant and lieutenant junior grade.

Second in command of battalion one will be Donald Nelson, as a full lieutenant. Battalion adjutant of the first battalion is to be Victor Mieskowski, with a rank of lieutenant, junior grade.

The unit band will be attached to the first battalion and headed by a lieutenant (j.g.), Roy Schimmelphenig. First and second company commanders of this battalion are to be trainee lieutenants Thomas Coppock and Robert Negele, respectively. Roy Churan and John Givler, lieutenants (j.g.), will be two of the four platoon leaders.

Sub-commander of the second battalion is to be Donald Wing, as a full lieutenant. Dick Lander, as a lieutenant (j.g.) will be battalion #2 adjutant. Appointed first and second company commanders are Dan Bodor and John Enander, as full lieutenants. Platoon leaders selected are Martin Givot and Charles Young, lieutenants (j.g.)

The remaining men to make up the 82 officers that will lead the unit have not been announced as yet. They will rank from ensigns to petty officers, fourth class. The men appointed trainee officers must be seventh or eighth termers and are selected from lists made up by the officers and specialists of the unit.

Leydig came to IIT in July, 1943, with the first contingent of V-12 trainees. A native of Detroit, he graduated from the University of Detroit High School in 1942 and attended the University of Detroit. While there he enlisted in the Navy V-1 program. He has a major letter in basketball, and a minor letter in tennis. Though he also plays clarinet in the band, Fred finds time to act as vice-president of Alpha Chi Sigma and be a member of Pi Nu Epsilon. He is an eighth term chemistry major.

A former member of the Co-op while a civilian at IIT, Martin left at the end of his fifth term to join the navy. Back now under the V-12 plan, Damen is a member of Triangle fraternity, ASME, BON, and has been active in intramural sports. His home town is Canton, Illinois, and he graduated from Canton High School in 1940.

Another former Co-op student, Jansen also was enlisted in navy V-1 before transferring to V12 and coming to IIT in the same group as Leydig. Graduating from Riverside-Brookfield High School in 1942, he normally resides in Riverside, Illinois.

Active in extra-curricular work, Phil was vice-president of his freshman co-op class, president, treasurer and president of Alpha Sigma Phi, and senior class treasurer. He is a member of the honor board and ASME, and has served on the track team and participated in intramural sports.

TECHNOLOGY NEWS

Member, Associated Collegiate Press

Official student publication of Illinois Institute of Technology, 3300 Federal Street, Chicago, Illinois. Published weekly during the college year. Represented for national advertising by National Advertising Service, Inc., college publishers representatives, 420 Madison Ave., New York, N. Y., Chicago, Boston, Los Angeles, San Francisco. Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Subscription rate 1.00 per term.

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Intramurals

In spite of the fact that posters advertising the current intramural softball tournament were not permitted to be displayed in vantage points about the campus, student interest was a little better than mediocre. Who knows but what a more hotly contested race will result from the eight team tourney.

The freshmen, urged on by Grant Stenger, are to be commended upon being the school leaders with a total of three teams entered.

In days of old, these tourneys were highly anticipated by the student body and the games were played more or less on a "do or die" basis. The winning team members were proud to display the silver medals emblematic of their accomplishment, and these men were champions all the way through.

With the war and the resulting influx of new students bent on studies and nothing else, interest in these tournaments dropped to an all time low. A student activity fee is incorporated in the tuition here at IIT, therefore, the only way to realize the investment is to get into some school activities. Probably the most beneficial, both to mind and body, are sports, and that's where intramurals enter into the picture. If everyone would follow this advice, there is no reason why student participation shouldn't show a marked increase.

The Senior Mechs "copped" the title three times in a row and their successors are out to continue the championship string. In spite of the fact that they will present a formidable array of talent, the tourney will be far from a soft touch.

H. P.

Bookstore

This semester is the first time in four years that the school bookstore has operated without competition from the Engineers' Co-operative Bookstore. It was in 1941 that the Co-op was formed, as a buying club then, to combat high prices on books and supplies. It has succeeded during this time in maintaining lower prices, and hence in keeping prices on the campus down.

When the Co-op Bookstore liquidated its stock of books and supplies, it was the Armour and Lewis Bookstores who purchased the bulk of its merchandise. This plan was beneficial to both the school and the Co-op bookstores, in that the former was able to purchase many of its needed items at a reduced price, and the latter was able to dispose of its remaining merchandise without too much trouble.

It was pleasing to note that upon the closing of the Co-op Bookstore, prices at the Student Union Bookstore were kept down to a reasonable value—a few percent below list price. There were a few exceptions, however, where some of the prices were above list, but these were evidently oversights.

Let us hope that this situation will remain, so as not to cause dissatisfaction on the part of the student body again in the future.

R. P.

V-12 VETS

The first ship to escape from Pearl Harbor, the USS Phoenix, had Henry R. Camp of Quarters #4 aboard. The Phoenix was one of the few ships to escape from the harbor unscathed and without casualties.

Henry, or "Pappy" as he is known around here, enlisted in the Navy on January 3, 1941 and took boot training at Great Lakes. Upon completion of "boot", Pappy went to machinist's mate school, at Dearborn, Michigan. After "boot" and through service school he was an A/S which then paid only \$21.00 a month. Camp made F 3/c in July of '41 when he shipped to Long Beach, California to pick up the USS Phoenix, at that time one of the newest cruisers in the Navy.

The Phoenix and Pappy sailed for Pearl Harbor in July, 1941 and were stationed there for six months, including a trip to the Philippines. After December 7th the Phoenix, along with several other cruisers and some destroyers, came back to the States and went on convoy duty.

On one of these trips Pappy made F 1/c, getting F 2/c six days before Pearl Harbor.

Australia was the next stop for the Phoenix. From Perth, Camp's duties took him on convoy duty in the Indian Ocean, to the Java Sea Battle, and then to the defense of Guadalcanal. During the Java Sea Battle, Pappy made MM 2/c. Convoying troops to New Guinea was the last sea duty on the Phoenix for Pappy, because she then went to Philadelphia for a three month overhaul. On September 1, 1943 Pappy made MM 1/c, only to be "promoted" to A/S two months later when he came to the George Williams section of Illinois Tech's V-12 Unit in November of 1943. After four semesters, Pappy came to IIT and Quarters #4, where he is now MAA.

In his naval service Camp has received the Pre-Pearl Harbor, American Defense, Asiatic-Pacific with two battle stars, and the Good Conduct medals, in addition to a hash mark for his service.

—A/S Allan Kukral

Man Of The Week

President of ITSA, Bob Freund Is Also Athlete, Social Leader

Outstanding performance of duties has brought A/S Robert Joseph Freund, 7th term electrical, to the front as this week's "Man of the Week."

Born on Chicago's South Side in 1925, Bob grew up to attend Lindblom High School here in Chicago. He graduated in June 1943



and was called by the navy to its newly established V-12 program. He was sent to George Williams College as a freshman when that school was connected with IIT. After two semesters there, he was transferred to Quarters #6 where he has been since March 1944.

In June 1944, Bob was initiated into Alpha Sigma Phi fraternity, and he started the climb up IIT's social and political ladder. He served as social chairman of the Alpha Sigs for one term, and later was initiated to Beta Omega Nu.

In his fifth semester here, Bob joined the Armour Eye, IIT's camera club. An active member, he was elected treasurer the next term.

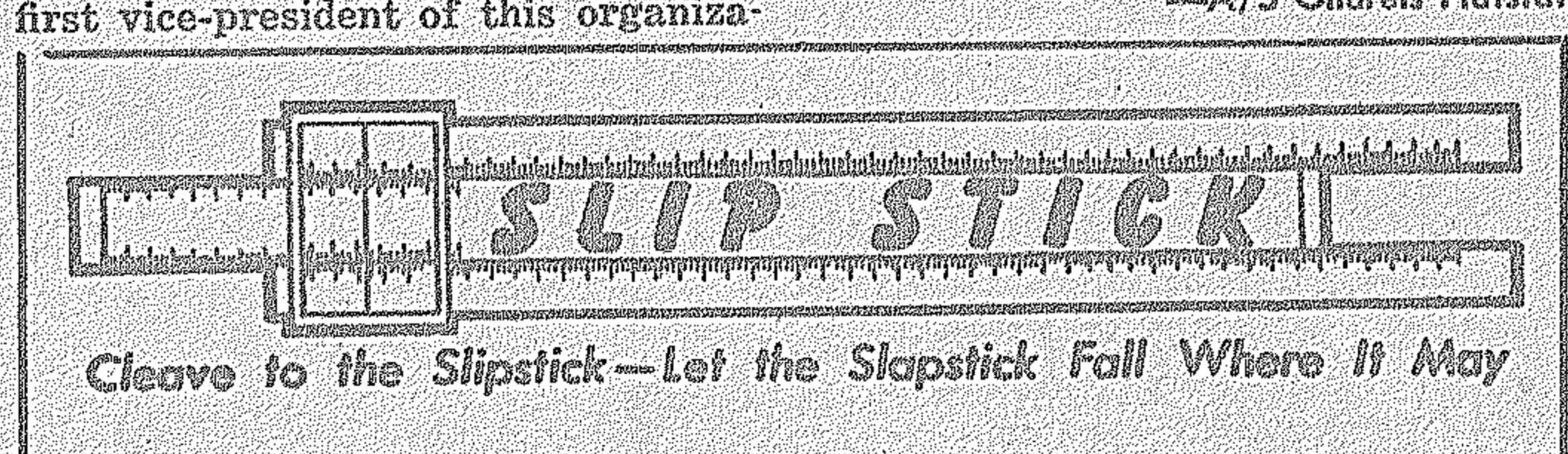
Perhaps Bob has become best known for his ITSA activities. As a first term junior, he was elected first vice-president of this organiza-

tion, and served two terms. He was elected president in this month's elections and will carry on in this position until graduation. As such he is an ex-officio member of the Honor Board. Previously he was an active member of this organization for two years, having been elected in November 1944.

IIT's wrestling team was Bob's chief athletic interest. He wrestled for Lindblom High while a student there, and he spent one season at it in IIT. For this, he was awarded a major letter, and was chosen to pledge Honor I in March 1945. "But my wrestling is very mediocre," is Bob's personal comment.

Freund plans to return to IIT after the war to continue his studies in electrical engineering. His plans for the immediate future include graduation in March 1946, and midshipman school for four months. When asked how the separation would affect Peggy, his South Side flame, Bob replied, "I know it's gonna break her heart but you know how it is. The war must go on."

—A/S Charles Hatstat



Confucius has been quoted as saying, "He who laughs last has discovered a hidden meaning."

—IIT—
 Newton's thirty-third law: The dimmer the porch light, the greater the scandal power.

—IIT—
DEFINATION
 Wisdom—Knowing what to do next.
 Skill—Knowing how to do it.
 Virtue—Not doing it.

—IIT—
 Mechanic Prof.: "Name a great time saver."
 Senior: "Love at first sight."
 —IIT—

A certain brewer sent a sample of his beer to a lab to be analyzed. A few days later he received a report from the chemist—
 "Dear Sir, Your horse has diabetes."
 —IIT—

Co-ed (to room-mate): "Were you out with an engineer tonight?"
 Room-mate: "No I tore my dress on a nail."
 —IIT—

Customer: "Won't you take something off for cash?"
 Salesgirl: "Sir!"
 —THE RAZOR BLADES



Due to the regrettable apprehension of the previous operator, who is now convalescing at a hospital whose address is necessarily withheld, I, better known as "Doc," am taking over. My first blissful act was to design a larger spade. Where previously the dirt was scooped in minute quantities, it will now run into the tons.

Here's a little item that was held up by the censor for several weeks but is nonetheless timely. It concerns A/S Bert Breuk, who, after continuous persuasion, was talked into going on a blind date with a blond named Jean. He was given the name and address of the beautiful creature and hurriedly left to call for her. When the door opened and a motherly woman greeted him, our hero asked: "Is your daughter, Jean, home?"
 "Why, I'm Jean," she innocently replied.

With the new spade, A/S Paul Bruening, who for a long time has escaped the tongs of the shovel, has finally been dug up. Last Tuesday Paul, accompanied by two females, was seen approaching the campus at about 8 p.m.

When questioned as to his destination, he naively replied, "To the library." But even we know that the library closes, at 5 p.m.

In preceding years, IIT's V-12 unit has built an everlasting reputation for its adherence to members of the opposite sex. This established reputation was recently dealt a cruel blow by A/S Arthur Overn. Art was seen in a honky-tonk in the thriving metropolis of Calumet City last week-end eyeing a very revealing interpretation of an exclusive Sally Rand dance. When the dance approached its breath-taking climax, Art rose from his ringside seat, gave a yawn, and explained to those around him that he had to leave to get his nine hours of sleep.

As this is "Shaft the Navy" week and as we would like to see A/S Robert Ezzell wiggle out of seven certain "E's," we are publishing his definition of a professor. "A professor," he declared, "is a man hired to study sleeping conditions among students."

The gem of the week goes to A/S Bob Lichtmann, who, upon journeying to the home of a certain secretary for dinner, meets said secretary's daughter. The daughter, one Gloria by name, happens to be home for summer vacation from Michigan State College. Moose, not wanting to overlook any angles, thinks of the coming Integral dance and calls up this chick. A sad tale of woe falls upon his ear. Two hours before another navy man had called and asked her to the dance. We won't tell you who this gay Lothario is but his initials are Stan Abramovitz.

Ed Rubin, the "man" with the genial smile who presents you with your copy of *Technology News*, is in a sad plight. It seems that Idelle, the HEALTHY proxy blonde from U. of C., has him "on the ropes." It is rumored that Ed, whose eyes light up at the sound of her name, has to hug this Amazon from each side.

Life's most embarrassing moment for comely Soutta Fox of the News Bureau might have resulted in the scandal of the year! Walking proudly down 33rd Street one day last week with dashing Paul Herman, the fingers of a devilish wind unbuttoned he rskirt from the hem to the waist and displayed a pink slip to the delighted eyes of a navy PT class marching back from the field! Gallant Paul first noticed the disaster and stood protectively in front of her as she nervously put to rights the wind's damage. Chicago isn't called the windy city for nothing!

Prof. Chamberlin, political and social science teacher, wonders if someone in his economics class is a ventriloquist, or if the laborer outside the open window reallyknew to whom he was talking. tAfer many interruptions by the booming voice of the foreman hollering to the crew moving furniture from the fourth floor Chapin to the ground via a window, Chamberlin addressed his class with "That's unfair to unorganized teachers!"

Replied the voice, "Oh yeah!"
 Gasping for breath, Chamberlin rose from his chair and looked incredulously at the window.

Perfectly timed, the voice was heard to say, "What the hell are you doing just standing up there! Why don't you get to work?"

The stunned ears of Prof. Chamberlin missed the applause of his class.

The last bit of dirt has been dug for this week and all that remains is the weekly moral. Never help a friend unless you want to make an enemy.

—DOC

Techawk Navy Softball Squad Wins Over Gardiner, 9 to 2

Team Takes Seventh Straight in Navy Tourney; Four Men Share Hitting Honors With Two Hits

The navy softball squad expressed intentions of capturing the second round of the Navy League as they defeated Gardiner General Hospital, 9 to 2. It was the seventh straight win for Tech, the other win being taken on forfeit.

IIT failed to score in the first two innings of play but in the third, Bob Hauser put on a one man show by singling and scoring on an error by the Gardiner leftfielder, Phil Warner. Tech tallied three more in the fourth on hits by Hogman and Gene Kleeman and then scored another in the sixth inning making the score 4 to 0.

Gardiner took advantage of two IIT errors and a hit to score two runs in the last of the sixth. The last three men to face Ray Murphy were set down in order to end the Gardiner scoring.

Paul Martin led off the Tech seventh and advanced on an error and a hit. Vic Mieszkowski exploded a terrific home run thus clearing the bases and giving Tech its first victory of the second round.

Hitting honors were equally divided among Hauser, Murphy, Mieszkowski and MacAdams, each accounting for 2 safe hits in four times at bat.

Illinois Tech				Gardiner Hospital			
Player	AB	R	H	Player	AB	R	H
Hauser, 3b	4	1	2	Warner, lf	3	1	0
Murphy, p	4	1	2	Goldberg, 3b	3	0	0
M'kowski, c	4	2	2	Best, sf	1	0	0
MacAdams, lf	4	1	2	Casanova, rf	1	1	0
Hogman, 2b	4	1	1	Krozka, ss	3	0	0
Stewart, sf	2	0	0	Rydeen, lb	3	0	2
McCabe, sf	1	0	0	Prioletti, 2b	2	0	0
Kleeman, lb	3	1	1	Romain, cf	3	0	1
Martin, rf	3	1	1	Jacobs, rf-lf	3	0	0
Ferguson, cf	2	0	0	Zweiser, c	1	0	0
Butler, cf	1	0	0	Marvin, p	3	0	0
Krawczak, ss	3	1	1				
Totals	35	9	12	Totals	26	2	3

Senior Mechs Open IM Play Tuesday

The intramural softball tourney will get under way once again with the Senior rMechs scheduled to meet the Junior Electricals tomorrow afternoon. A last minute entry of the Illinois Tech Vets completed the list, making a total of nine teams entered. The remainder of this week's schedule is listed elsewhere on this page.

INTRAMURAL SOFTBALL SCHEDULE	
TUESDAY, July 31, 5-6 p.m.	South Diamond—East Field Senior Mechs vs. Jr. Electricals
WEDNESDAY, Aug. 1, 5-6 p.m.	South Diamond—East Field Frosh Chems vs. Hi Jacks
THURSDAY, Aug. 2, 5-6 p.m.	Senior EE. vs. Jr. Mechs
FRIDAY, Aug. 3, 5-6 p.m.	South Diamond—East Field IIT Vets vs. Sr. Chems
	West Field Freshman Eagles vs. Jr. Electricals

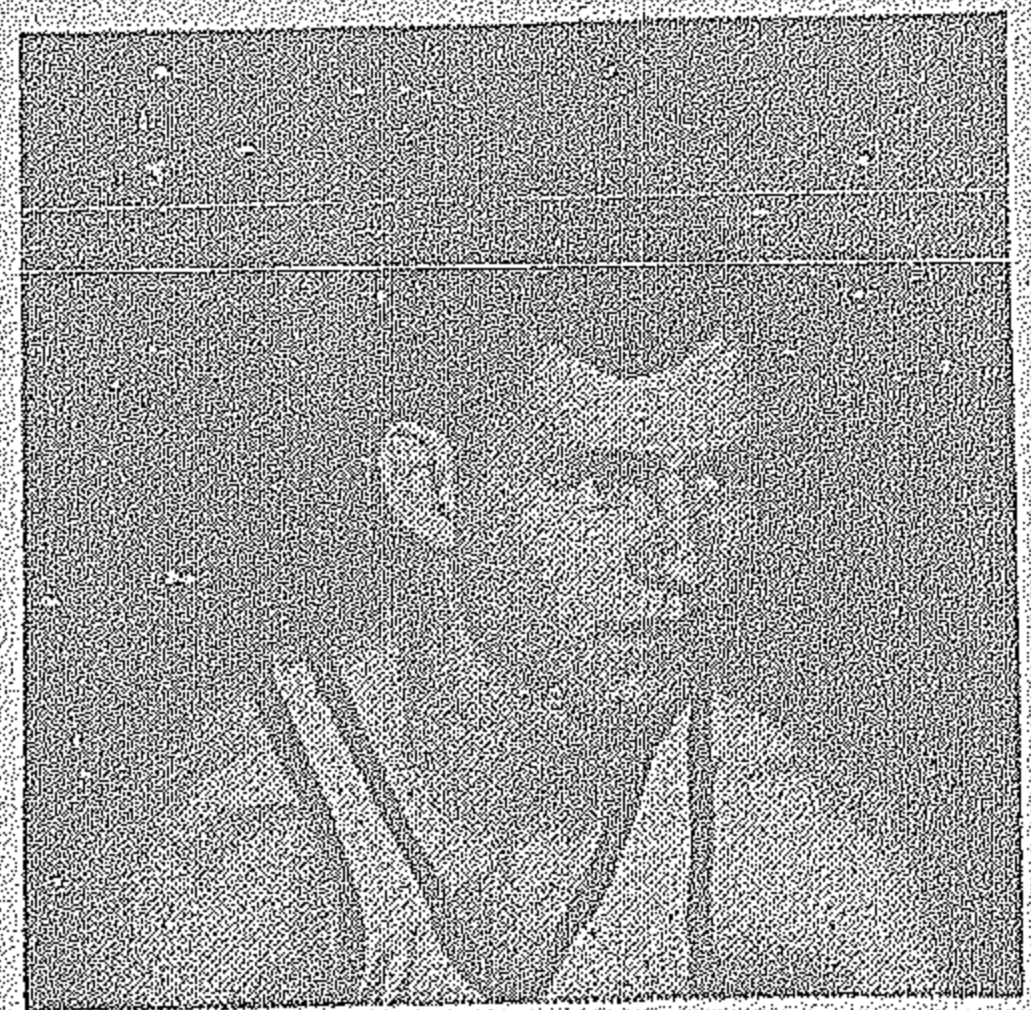


As difficult as it is at the present time to get students interested in intramural, the intramural manager a few years hence, will probably turn grey overnight when Ogden Field will be no more. Probably no one will turn out for these sports if they have to venture two or three blocks play some ball, and hurry back to class all in the space of an hour's time.

Speaking of intramurals, the softball tourney will definitely get under way this week. From week to week, the game schedules will appear in the newspaper and also on the bulletin board in Student Union.

Honor I has proven that it isn't just another organization by accepting only 5 out of a possible seventeen potential pledges. The chosen men should feel extremely honored at being accepted into this coveted organization.

Outstanding Athlete



MORMAN HANKINS

Hankins Wins Senior Award

Norm Hankins, one of the greatest basketball and track performers in Techawk history, was awarded a special blanket award this week by vote of the Honor I, honorary athletic fraternity.

The first such award ever made to an Illinois Tech student, it was presented to Hankins in recognition of his high scoring performances during two seasons on the cinders and one season with the hardwood squad.

Hankins, who came to IIT via Lawrence Tech and George Williams, made his debut during the 1944 track season, when he led all scorers and set unofficial school records in both the 100 yard dash (9.9 seconds) and the 220 yard dash (22.0 seconds flat).

In addition to scoring three firsts in a dual meet against George Williams and two firsts and a second in a quadrangular at Stagg Field, he chalked up points for Tech in the CCCs, the NCAA, and the AAU outdoor meet. He was awarded a major letter in recognition of his 37½ point total.

During the winter, Norm stepped out on the basketball court to score a total of 223 points, or an average of 11.4 points per game, to lead the cagers to their greatest season in history as they won 17 games while losing but 5.

Perhaps the big point of his scoring spree was in a game at Lawrence College, when he scored 16 points in the second half to lead his mates to a decisive win after trailing badly at half-time. His point total, one of the highest in school record books, earned him his second major letter.

This spring Hankins was elected, together with Bob Thurston, to head the cinder men. Beginning by winning individual scoring honors at the North Central Invitational Meet against ten other midwest colleges, Norm went on to win the 220 yard dash championship at the Central Collegiate Conference meet, and score handily in the NCAAs, and the indoor and outdoor AAU meets.

In compiling a grand total of 109½ points during the season, he broke three individual school records and shared in two others. He started by breaking the 60 yard dash mark in :06.4., added the 220 yard mark at 21.9 and the high jump record at 5'11", and ran the anchor position on the 880 yard relay team which cracked the indoor record at 1:35.2 and the outdoor mark at 1:33.7.

He further demonstrated an athletic antagonism towards Lawrence by piling up 32½ points against the Vikings in two meets and chalked up all but one of his record-breaking performances in the process.

Norm is currently studying at Notre Dame Midshipmen's school.

Flash Pulverizer Move Into Fourth Floor MH

The flash pulverizer research and development staff is shifting the scene of its activities from the basement to the fourth floor of Machinery Hall. An increase in activities necessitated the move to more spacious quarters.

Illinois Tech Diamond Nine Defeats Stevens Hotel, 11 to 3

Gene Evers Sets Down Semi Pros In Five Hits; Tech Rally in the Sixth Inning Nets Nine Runs

The Illinois Tech baseball team led by Gene Evers, scored a sweeping victory over the Stevens Hotel semi pro nine, 11 to 3, in seven innings.

Evers, while holding the opposition to 5 hits, was the leading Techawk hitter with three safe blows in four trips to the plate.

It looked like anybody's ballgame for the first two innings, as neither team could manage to push across a run.

In the last half of the third inning, Gene Evers flied out to the centerfielder. Mel Stidham and Bob Lichtmann hit successive singles. An error and a long fly to center by Ray Murphy put Tech out in front 1 to 0.

In the first of the fourth, the Stevens Nine surged ahead 3 to 1 on singles by Pete Lotito and Mike Saccomando, a pass to the first baseman Ellinghouse, a hit by George Aronson and a long fly to center accounting for 3 runs on 3 hits. Evers struck out four of the last eleven men to face him and allowed but one hit, this being a single by the pitcher "Cowboy" Fields in the last of the seventh.

Netters Meet Concordia

The Techawk net squad will play its first varsity match of the summer semester this afternoon as it meets Concordia Teachers College of River Forest on the University of Chicago Midway.

A/S Jerry Evert, former Illinois state champion who led the squad during the summer without losing a set in singles play, will play the number one slot with Bill Cannon, Gene Hill and Fred Leydig probably playing in that order. The number five man will be picked from several new candidates.

During the regular spring season, the Techmen thumped Concordia twice by 4 to 2 and 7 to 0 scores. The Teachers are reported to have been strengthened by the addition of two former lettermen, while the Techawks are without the services of Mike Vogt, Dave Afton and Alan Wasserman this semester.

In addition to a return match with Concordia, the squad plans to meet the Foundation's team twice and possibly the University of Chicago later this summer.

Any students with high school or other experience who desire to try out for the squad, should contact Coach Bud Hermann in the News Bureau or A/S Bill Cannon, manager, in Quarters #7.

Fraternities & Sororities

Beach Party Plans Made by Alpha Sigs

Alpha Sigma Phi fraternity met last Wednesday and discussed plans for its social functions, which include a beach party. Other business was the appointment of Marvin Brown and Bill Zechel as social co-chairmen. George Schultz and Wayne Johnson were appointed chapter stewards.

Delts Initiate Four; Pledge Nine New Men

Delta Tau Delta has initiated four new men. They are: Eddie Adams, Race Wilt, A/S Dave Hoffman, and A/S Harry Knowlton. They were initiated on Sunday, July 15 at the home of an alumnus.

The chapter has pledged nine new freshmen. They are: Robert Corybear, Ronald Crisman, George Felch, James Kennedy, Donald Lokke, John Reding, Dick Ryan, Lawrence Simonsen, and Arthur Wiseloglel.

Letters were received from Larry Johnson and Jimmy Ransom former actives of the chapter, who are now at midshipman's school at Notre Dame. Brother Fleischer, past president, on his way to Wisconsin, stopped by for a few days.

At the last meeting, A/S Harry Knowlton was appointed social chairman; A/S Dave Hoffman, athletic chairman; Dave Phillips, as-

stant chairman; Race Wilt, house and grounds chairman; and Jack McCloy, pledge master.

A beach party was held last Saturday at Herrick Lake and most of the chapter attended. Among the things that occurred were swimming, sailing, and rowing.

Several new men were recently initiated. These men were: Alvin Boime, Charles Leven, Arnold Salka, Albert Wengerhoff, A/S Al Migdal, A/S J. Shore and A/S Ben Barish. The informal initiation was held at the chapter house. The formal initiation was held the following day at Marty's Grill. The initiation was followed by a banquet.

SAM Elects Officers; Initiate Seven Men

Meyer Gilden was elected prior at the recent elections of Sigma Alpha Mu. The other officers that were elected were A/S Bob Lichtmann, recorder; A/S Sheldon Levy, exchequer; and Stan Lapin, alumni recorder.

Last week a rushing social in the form of a lawn party was held at the home of Burt Weiner. About forty couples attended, including a large number of alumni and members from other chapters. Refreshments were served, a song fest was held and a large number of games and stunts were entered into by the guests.

FOUR Award Poulter ARF Medallion

Lt. Comdr. Thomas C. Poulter recently received the annual recognition award for outstanding contribution in scientific and engineering research at the Armour Research Foundation of Illinois Institute of Technology. A member of the Foundation staff since 1936, Dr. Poulter, who won the Congressional medal in 1938 for his work on Polar research, accepted the citation from Dr. Jesse E. Hobson, director. The staff presented the award winner with a gold watch. Following the presentations, Dr. Poulter awarded certificates of merit to 70 members of the Foundation's national defense research committee.

Musical Instruments Are Available for Student Use

A number of musical instruments, owned by the school and under the care of O. Gordon Erickson, music director, are available for use by students with band or orchestra experience. This is an opportunity for civilian students who used such instruments in high school and do not have one of their own. Included in the list are the viola, cello, bass, trombone, baritone, bass horn, and drums.

Allan Kukral Elected Head of Aeronautical Society

A/S Allan Kukral was elected president of the Institute of Aeronautical Engineers at a meeting last Friday. Other officers elected were David Meyers, vice-president and Joseph Vecelli, secretary.

Physics Club Views Electron Microscope

"The Electron Microscope" was the subject of the day for the Physics Club at its meeting last Friday. Dr. Paul L. Copeland, professor of physics, spoke on the history and theory of magnification and on the working principles of the electron microscope.

He told how electron optics are applied in the projection of the image of the specimen onto the final visible fluorescent plate. For this purpose, magnetic lenses are used which cause a beam of electrons to converge or diverge much as optical lenses focus light.

After the lecture, the institute's own electron microscope was demonstrated by Mr. K. Rothschild of the physics department. Microscopes of the type of IIT's R. C. A. model use 60,000 volts which cause distances of .05 Angstrom units to become visible. This means a 10,000 power magnification. By substituting a photographic plate for the luminous screen, photographs may be taken and enlarged so that a magnification of 100,000 power is obtainable. Pictures taken with the microscope may be seen on the bulletin board outside the laboratory in 312 Physics Building.

Electron microscopes are much in demand by industry, and this one is no exception. Useful work has been done for outside firms.

Last semester's officers of the Physics Club are being retained for this term; namely, President, Pasquale Porcelli; vice-president, Herbert Reisman; secretary-treasurer, Grant Medin, and corresponding secretary, Clinton Parsons.

4B Seniors Draft Social Schedule For Next Semester

In order that the social committee might better plan activities for the coming semesters, the 4B class members were asked to list their preferences at a meeting last Friday. Robert Browning, class president, asked the thirty-four attending members to list the functions they would want to attend and turn the "ballots" back to Harry Knowlton, social chairman. This democratic way of selecting class affairs is expected to result in good support and should at least satisfy a majority of the new senior class. Suggested activities included formal and informal dances, beach parties and other outings and, of course, a stag.

Tutoring Facilities To Be Reorganized

The opening of the IIT free tutoring service in the near future has been announced by Don Albert. The schedule is as yet tentative, but as planned, the hours will be from 8 a.m. to 2 p.m.

The new office is located on the first floor of Machinery Hall, inside the first door to the right beyond the entrance on 33rd Street.

The schedule, when drawn up, will be placed on the dean's bulletin board and on the door of the tutoring service office. The hours that the individual tutors will be available will be posted with the schedule.

The tutoring service is sponsored by the Interhonorary Council.

Armour Mission Library Forms Nucleus of College's Collection

The history of the Armour library dates back to the time when the Armour Mission was founded by Mr. Joseph F. Armour, a member of the Plymouth Church. Before the building was completed, Mr. Armour died, and his older brother, Mr. Phillip D. Armour, brought the Mission to completion in 1887.

Shortening of Lewis Semester Will Aid In Move to Armour

The summer term at west campus will end on August 25 instead of August 31 so as to avoid holding classes while moving is in progress.

Many classes will be held on Saturdays in order that all class room requirements of the full sessions shall be met. Many special arrangements have been made in the next five weeks in order to accommodate all the laboratory periods of students of home economics, physics, and chemistry.

Dean Larkin has announced that all department heads should check their inventory and to see that arrangements have been made for transferring office and laboratory equipment. This will apply especially to the equipment of any Lewis instructor who may not be in residence this summer.

Show ARF Recorder To ASME Members

A meeting of IIT's student chapter of the ASME was held last Friday during the eleven o'clock free period. Over a hundred members and prospective members were called to order by Morton Spector, chapter president, urged to join and renew membership in the ASME, and given a demonstration of the wire recorder.

Mr. Hadley of the ARF, assisted by Mr. Fischer, demonstrated the operation of the revolutionary recording device and emphasized the fidelity of tone and permanence achieved through magnetic impressions on a fine wire. The ARF's famous brain child was also a source of amusement, as it was run backwards and gave out with what seemed a perfect sample of Japanese gibberish.

Brief talks on ASME membership by Spector and Professor Budenholzer resulted in a storm of applications and sixteen new memberships paid for on the spot. Others will be given a chance to file applications (and \$3.00 yearly dues) this Wednesday from twelve to two in the Student Union lobby and at the end of the Navy pay line, Saturday. Membership committee-head John H. Schmidt also mentioned that members who wish to renew their society affiliation may do so at those times.

NAVAL NOTATIONS

Quarters #2

Seen hobbling into the quarters on crutches last week was Bill Stewart. Seems he got his legs all fouled up playing softball. It is anticipated that "Fip" Mathews and Ralph Raming will be quite handicapped for a while until the third member of their "big three" recovers.

The installation of red, very red, exit lights several weeks ago caused quite a bit of comment at the time. Most of the men have become accustomed to the glow in the passageways after lights out by now, however.

Through the kindness of the Red Cross a console radio found its way into the lounge of the quarters. After three days someone figured out how to turn it on. Now all that remains is to get the phono-recorder and public address attachments working.

Particularly evident among the changes in the quarters this term is the neatness of the bulletin board. It is suspected that this is due to "I'm not drunk, just dizzy" Lennox. It is little things like this that make a home a home.

Quarters #3

Betrayed by fatigue riddled nerves, several quarters men were seen to hit the ceiling when Bob Gentile plugged in his latest electrical contrivance. Robert's device is supposed to be a fan, but there must be some other name for an automobile fan attached to a noisy quarter-horse-power motor. As a creator of breeze, the contraption is fine, but one undesirable trait cropped up when Art Overn, quarters MA, felt himself drawn from his study chair in the hold and was only saved from the whirling blades by quick action on the part of Gentile. Bob pulled the plug.

A laughing group of the boys was spied at the foot of "Robbie" Robertson's sack early Sunday morning. Object of their jests was a pair of shorts, said shorts hanging on Robbie's sack. His story was that he had been sitting on a red leather chair the night before and that the incriminating coloring had "come off." The boys, needless to say, believed otherwise.

Quarters #5

Last Tuesday Paul Bruening, the handsome brute, had two pretty visitors in the form of twins. As a reception Paul had rounded up about half the quarters; or was that voluntary? The girls' last names are Wood, but we wonder just who has who in the woods.

The fellows in the quarters are lining up their dates for the Integral dance. The great lovers in the quarters, of course, have nothing to worry about. The romeos always have a couple on the line so they merely have to choose which one has the nicest car, but we also have the adventurer type who go out the night of the dance with a net, a club, and a great big line. To the first group is wished a most memorable evening; to the hard-boiled, or is it half-baked, romeos we wish you run out of gas at the right time.

Quarters #6

The new coke machine has been installed and is in full operation. "Keeper of the Cokes" Ferguson toiled several long hours getting the plug inserted in the proper socket and filling the cooling tank with water. It took a six-hand working party to get the 90 pound dispenser from quarters #2 to #6. Sp(A)2/C Mayer offered a reprieve from calisthenics that morning to any volunteers, but Sp(A)4/C Hardman, calisthenics instructor, had to draft a squad of bonecrushers to handle the task.

The Honor I initiation turned out to be a rough party for several boys, including Bob Freund and Pete Browning. The green pledge, Bob Hauser, sometimes known as "Sponge" Hauser, made them look like high school freshmen at their first cocktail party. Herb Schnabel and "Dog" Reed may both take credit for the training Hauser received for this function.

Quarters #7

This week was a memorable week in the history of this quarters. As an indication of how much the boys are "on the ball," one has to just look at the liberty list from last Wednesday night. A total of two men from the entire quarters took liberty that night.

After watching a colored softball

team playing in the field adjacent to the quarters for the last few months, the boys under the leadership of Almond Branch decided to take the team on in a game. After 17 innings the score was 33 to 8 in favor of the colored team. The men were downhearted until they learned that this team was the Chicago Herald-American city softball champions of last year. Credit should be given to Bob "Butterby" Schrotzberger, Bruce "Sleepy" Miller, and P. P. (what do ya mean) Martin for their excellent work in keeping the score down.

Those endearing young charms of Richard Lander seem to have won the heart of at least one Detroit damsel. It was only last Friday that Quarters #7's glamour boy received a perfumed soaked letter emblazoned with a tempting lip print and "S.W.A.K." in bold black letters. His buddies are vainly trying to determine what the qualities are that Dick possesses which make his women swoon so.

The fellows in quarters are still wondering what caused Bill Cannon to suddenly get up in the middle of the night and run around declaring "the Japs have quit!" No, he wasn't dreaming. It was just due to Carl Child's and Charley Hohmann's practical joke on their sound sleeping and unsuspecting buddy.



"She's not much to look at, but they say she can roll cigarettes like nobody's business." —Courtesy Westinghouse Electric

TECH TIME TABLE	
All items appearing in Tech Time Table will be those which are scheduled with Dean Tibbals. No other items will be used.	
MONDAY, July 30	
IFC (treasurers), 5 p.m., Registrar's office	
IVCF, 5 p.m., Auditorium	
Armour I, 5 p.m., Clubroom	
Alpha Sigma Phi, 5 p.m., 205 Chapin	
TUESDAY, July 31	
Alpha Chi Sigma, 5 p.m., 405 Main	
SUBC, 5 p.m., SUBC office	
THURSDAY, August 2	
Alpha Chi Sigma, 7 p.m., lounge	
FRIDAY, August 3	
All School Musical program, 11 a.m., Auditorium	

White Collar Girls Plan Picnic in Jackson Park

The White Collar Girls, the most recently formed club at IIT, is holding a picnic for members, non-members, and their friends on Saturday, August 11. The club will meet in front of the Museum of Science and Industry in Jackson Park, at 57th street, between 1 p.m. and 1:30 p.m. Members are invited to bring their friends and relatives. Those attending will be expected to bring their own lunches, but the WCGC will furnish all soft drinks. There will be swimming, cards and bunco for those interested, according to Dorothy Kalinak.

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