

As retiring editor of *Technology News* I have had the privilege of working on the paper during one of the most eventful period of time, in not only IIT's history, but also in world history.

The climax of IIT's dreams came in the final crystallization of the building program. Early in the semester the board of trustees approved the \$13,200,000 program. Then it was later announced that a ten million dollar building program would start as soon as priorities are available. Even this week further indications of the approaching date of building were given. It was revealed that the Navy would try to help the school in getting priorities for the new NROTC building.

In the administration three changes were announced concerning the deans. Dean H. P. Dutton is to leave his post as head of the evening school to be replaced by Professor Stanton E. Winston. Dean Charles A. Tibbals announced that he plans to retire within the next year. The third change was Professor John Day Larkin's appointment to the Lewis deanship.

On the lighter side during the semester the Link was revitalized and at the same time the Co-op Bookstore folded up.

National events which directly affected IIT were the granting of NROTC units and the discontinuation of ESMWT. Then of course the death of President Franklin D. Roosevelt had a worldwide influence proportionately felt here on the campus. On the worldwide scene came V-E day. IIT had worked for this victory in Europe, as we are now working for a similar one in Japan, by the training of men, and by tireless research.

Finally in recognition of President Henry T. Heald's valuable work the Navy will give him the distinguished service award at the coming commencement, thus rounding out a memorable semester.

McMahon Receives Pillsbury Recognition

Shirley M. McMahon, senior class president, was presented the Pillsbury Award for the top scholastic performance, by Dr. Ruth C. Clouse, chairman of the home economics department in a ceremony last Monday at the west campus.

Shirley started out as a business and economics co-op, but after one year, transferred to the home economics department, and has maintained a 2.3 average for eight semesters. She was vice-president and secretary for the Sigma Omicron Lambda sorority, secretary of the co-ops, vice-president of the junior class and president of the senior class. She also belonged to the home economics club, Kiva, Badminton club and was a member of the lounge committee.

The Pillsbury Award consists of a "shelf" of books, including a dozen titles selected as "books a home economist would most desire for reference in her chosen profession". It was established last year to honor the highest-ranking seniors in the graduating classes in home economics of a limited number of colleges and universities.

4A Senior Class to Hold Last Official Meeting

The 4A Senior Class will hold its last official meeting Monday at 5 p.m. in 305 Main. President Tom Ruck stated that final plans for the 1950 reunion will be discussed.

Civilian students not satisfied by previous placement talks will be able to receive additional placement advice as Prof. John J. Schommer's office will be represented at the meeting.

The spending of the profits from the Senior Farewell will also be discussed.

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Knepper Chosen Editor-in-Chief

ITSA Petitions Out This Noon

Hope to Speed Election By Early Campaigning

In order to get an early start in the election of class and student association officers, the ITSA election committee has announced that nominating petitions may be submitted beginning today. Elections will be held a week after the start of the new term on Friday, July 13.

Petitions are available in the registrar's and Sonny Weissman's offices. The petition must be signed by 25 students if the candidate is a junior or sophomore and 15 if a freshman.

The petitions may be turned in at any time beginning today and before the deadline, Thursday noon, July 12, to Sonny Weissman's office. Names of all qualifying candidates will appear on the ballot.

The ITSA offices open are: president, the candidate must be a first semester Senior; vice-president and secretary, both of whom must be first semester juniors.

The officers in the respective classes may be in either their first or second semester. The positions open in the junior, sophomore, and freshman classes are: president, vice-president, secretary, social chairman and SUBC (Student Union Board of Control) representative.

Candidates for the various offices will be introduced to the classes at a special all-school assembly and given an opportunity to give a short campaign speech in their own behalf.

Students may sign more than one petition for the same office, but cannot sign petitions for office outside of their own class.

Triangle Wins IFC Scholarship Award

The Inter-fraternity scholarship cup, for the November to February semester, was won by the Triangle fraternity men with an average of 1.75, according to Tom Ruck, president of the IFC. Following Triangle, are Delta Tau Delta, 1.73; Alpha Sigma Phi, 1.69; Pi Kappa Phi, 1.66; and Sigma Alpha Mu, 1.55.

Averages were compiled for active memberships of the above fraternities. Only men who had "active" status for three-quarters of the semester were considered for the scholastic competition. Ruck added that competition was unusually keen, with only 0.09 of a grade point separating the first and fourth place winners.

Phi Lambda Upsilon Will Elect Officers Today

Phi Lambda Upsilon, honorary chemical fraternity will hold its last meeting of the term today, at 5 p.m.

Elections of new officers will be held at this time. Candidates elected will serve in office for the two succeeding school terms. This is with the exception of counselor, who is elected for a two year term.

Retiring officers are: president, George Wilmsen; vice president, Herman Nelson; secretary-treasurer, Kaz Horita. The present counselor, Dr. H. J. McDonald, will complete his term of office next September.

Editors



Henry Pype

Trent Knepper

Alan Grant

Grant Remains Managing Editor

Pogoff Is Appointed New Business Manager

A/S Trent Knepper and A/S Alan Grant will head *Technology News* next term as editor-in-chief and managing editor, respectively. Knepper will replace retiring editor-in-chief Henry Freund.

Other recently appointed members of the managing board for next term are sports editor, Henry Pype; news editor, Edward Shore; feature editor, A/S Allan Kukral; and business manager, Robert Pogoff.

The managing board will be assisted by a staff with a slightly different organization than that used this term. Members of the staff will be: assistant news editor, A/S Jim Brophy; assistant sports editor, A/S Charles Hatstat; navy editor, A/S Witold Kosicki; proof editor, Hubert Helfer; assistant business manager, Frank Janik, and Lewis editor, Hope Iversen.

Copy, rewrite, and headline editors will be announced by the managing board early next term, said Knepper.

Starting as a reporter, Knepper has held successive positions of copy editor and assignment editor. He was the first assignment editor in the history of the paper to hold a position on the managing board. He is baritone soloist with the glee club, vice-president of Dramatech, secretary of Pi Delta Epsilon, and is pledging Pi Nu Epsilon. Trent came to IIT from Purdue's V-12 unit. Before that he spent 5 months in signal school at the University of Illinois and was aboard the USS Wilmette during one of Franklin D. Roosevelt's fishing trips on the Great Lakes.

Grant is an EE major who started at IIT as a civilian student. He has been on *Technology News* since his freshman term, longest of all editors, and has successively been a reporter, exchange editor, copy editor, assignment editor, and holds the (See EDITOR on Page 5)

List of Students Having Highest Academic Rating to Be Published

A Deans' List will be published at the end of the semester listing the top students in academic work. This was announced today by Dean James C. Peebles, who is putting this list out in conjunction with the other deans of the institute.

First honors on the list will go to students with averages between 2.5 and 3. Those having averages between 2.0 and 2.49 will receive second honors. A list of this type is compiled by many other leading colleges, according to Dean Peebles. This however, is the first time such a list has been put out at IIT.

The list will come out in booklet form, probably consisting of four pages. It will give the name, home address, and high school of each person. The list will then be distributed to the parents, and high schools of the people listed. Also it will be distributed to the faculty and students of IIT. The booklet will appear at the end of each semester, which means three times per year during the accelerated program, but only twice each year when the Institute resumes its normal program. Lewis will be listed only twice yearly, because it has gone back to its former schedule of two semesters per year.

Hennes Is Awarded Unit Commendation

Y 2/c S. A. Hennes, of the navy office, recently received a unit commendation for his services aboard the destroyer USS Franks, which participated in action during the battle of Guam. The commendation read, "For meritorious service and outstanding performance . . . resulting in the capture of the Island of Guam." He also served in the battles of Tarawa, Kwajalein, Bismark Archipelago, Bougainville, and the Marianas.

Hennes wears the American area ribbon and the Asiatic Pacific ribbon with a silver star for five battles. He joined the navy on Oct. 20, 1942, and reported to IIT in Sept., 1944.

Liberty Uniform Decided By Commanding Officer

The liberty uniform for men at a naval station is decided by the commanding officer of the station according to prevailing weather conditions during the period of April 15 to June 30, according to a district order received by the navy office. After this latter date, the liberty uniform in the ninth naval district will be whites.

ARF Men Will Give Lectures

Two lectures will be presented at a session of the Chicago chapter of the ASME tomorrow by persons affiliated with Illinois Tech.

Dr. Jacob, research professor of mechanical engineering and consultant to the Armour Research Foundation will present a paper with W. M. Dow, also of the ARF, on "Heat Transfer from a Cylindrical Surface to Air." I. Opatowski, of the ARF, will also present a paper which will consider the "Design of Beams of Long Span and Low Specific Strength."

John Noble, senior mechanical engineering student at IIT, will be awarded a junior membership in the society for his outstanding work in the IIT student branch of the ASME. This award will be presented at a dinner tomorrow evening.

Seven Illinois Tech students will act as monitors during the two day meeting, which began today. According to Professor Roland A. Budenholzer, sponsor of the IIT student chapter, they are: Don Albert, Herman Dubin, Leonard Jatzak, John Noble, Roy Sahlstrom, Morton Spector, and Joseph Viccelli.

Two tables at the dinner have been reserved for the members of the faculty of the IIT mechanical engineering department. Among those who will be present will be Professor L. Nachman, who is secretary of the Chicago section of the ASME.

Ten Men Pledged to IIT Musical Honorary

Pi Nu Epsilon, honorary musical fraternity, is pledging 10 men this semester.

The new pledges are: A/S Robert Anschicks, Walter Luehrs, A/S Norbert Vojta, A/S Albert Spooner, A/S Robert Reeves, A/S Trent Knepper, A/S Wendell Omer, A/S John Seeger, A/S Homer Wickham, and A/S Roy Schimmelpfennig.

The fraternity is holding its initiation banquet Wednesday evening at Marty's Grill.

New Fraternity Installed at IIT

Dr. M. Hays, national first vice-president of Alpha Phi Omega fraternity, officiated at the installation of the Alpha Phi petitioning group last Friday. Dr. Hays was assisted by Mr. Sidney B. North, national secretary; Dean Ernest E. Hansen, faculty advisor for the fraternity at Northern Illinois State Teachers college; Mr. M. Finnell, a member of the national executive board of Alpha Phi; and Mr. George Schaeffer, faculty advisor for the fraternity at the University of Chicago.

A/S John Seeger was installed as president of the new Delta Epsilon chapter. The other officers installed were A/S Allan Kukral, vice-president; A/S George Cummins, secretary; Bob Angerman, treasurer; A/S Pat Iice, historian; Dick Stark, alumni secretary; and A/S Bob Fries, sergeant-at-arms.

Prof. George Gibson was installed as senior faculty advisor. Dean C. A. Tibbals, Sp 1/c C. L. Richards, and Sp 2/c Albert Mayer were installed as faculty advisors; John Froike, Scout Executive of the Southwest District of the Chicago Council, officially became the senior scouting advisor of the fraternity.

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Exam Schedule

The recently published final examination schedule has caused a great deal of comment among the students.

One of the main gripes from both navy and civilian men is that upperclassmen have most of their finals scheduled right up to the last few days of the examination period.

In looking at a situation of this nature, one should get the viewpoints of both sides:

Mr. Kelly has stated that there are many difficulties involved in making up the schedule. In doing so, the registrar has kept the following things in mind:

It is bad policy for a student to have more than two finals a day. Because of the many irregular students, smaller classes which contain men of different term have to be scheduled at a time which will not conflict with the rest of their courses.

Preference is given in as many cases as possible to upperclassmen and navy students.

There are only three rooms on the south campus which can accommodate final exams for courses which have a membership of 50 or over.

In order that the instructor turn in the semester grades before the start of the new term, the courses with the most men have to be scheduled first.

This is the registrar's argument. The students look at this situation differently. They realize that the schedule has to be made out according to curriculum. Therefore, the normal student, who carries six subjects at the most, should not have to spend more than three days on final exams, but in a great many cases they have to waste one day in the middle of the final examination period.

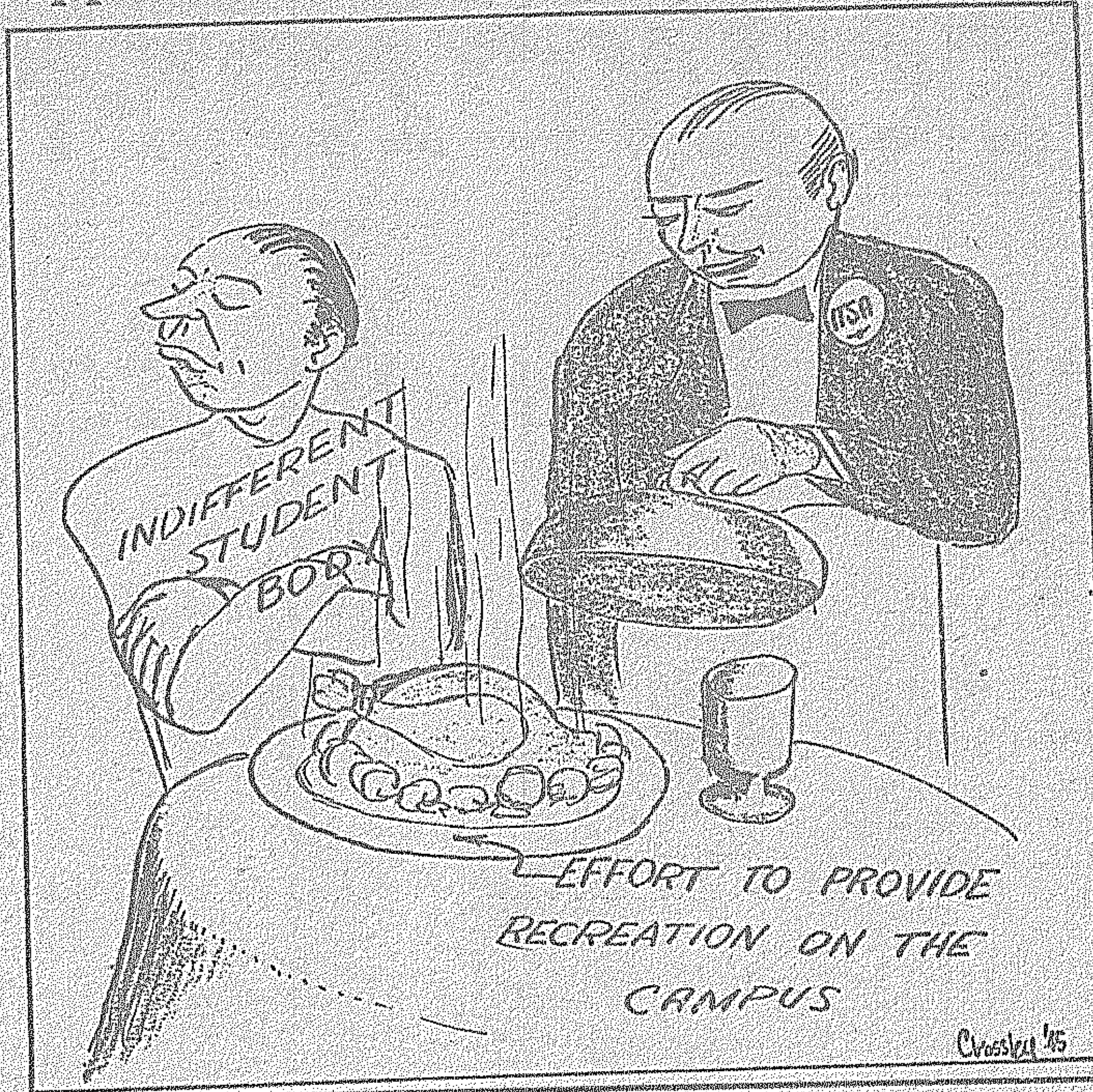
The registrar's main argument has been that the size of the class determines which one can go first on the schedule. There is no reason why large classes can not be split into two or three smaller ones and put into separate rooms under the eyes of selected proctors.

It is the belief of the students as a whole that preference should be given in all cases to upperclassmen. After all, these students should be granted the privilege of getting their exams over first and not having to wait around for the freshmen to finish.

A special consideration should be given to navy men, who are about the only out-of-town students that are in attendance here. These men get only a few days a year to be with their families, and an extra day for them is equivalent to an extra week for a Chicago man.

Mr. Kelly has taken an admirable attitude by saying that he is open to all the comments and suggestions of any student. It is hoped that in coming terms, closer co-ordination can be obtained between the point of view of the students and that of the registrar's office.

Appreciation



Man Of The Week

A/S Ray Olson Serves News For 6 Terms; Former Editor

Towering Ramon Olson, junior mechanical, not only hovers high physically, but his social activities and scholastic achievements make him one of the pillars of Illinois Tech's student body.

Olson, whose name appeared on practically every ballot at

IIT was given a new honor last Wednesday by being elected archon of Pi Kappa Phi, social fraternity, of which he has been an active member since coming to IIT in July, 1943.

He came here as a civilian, fresh from high school, in fact less than three days elapsed between his graduation from Lane High School and his entrance to IIT. Later when V-12 opened it was merely a change to the navy uniform.

In his freshman year Ray joined three campus organizations with which he has remained not only as an active member but has eventually become leader in two. Starting as cub reporter on *Technology News*, he rose to navy editor and co-editor in his sophomore year. As editor emeritus, Ray still performs many functions on the paper.

Olsen has been a member of the band and orchestra for six semesters joining first as a civilian to play in what was then the joint navy-civilian band. He has been elected a member of the Pi Nu Epsilon, honorary musical.

He has the distinction of being a member of the Honor Board and

ITSA representative as a freshman. For his journalistic achievements as a reporter and co-editor of *Technology News* Olson has been elected a member of Pi Delta Epsilon, journalistic honorary, of which he is now president.

Just to keep a full extra curricular schedule Ray is now editing the Activities Hand Book. The book is to be distributed next semester under the auspices of Pi Delta Epsilon.

Being able to keep a good scholastic standard, 2.1, along with these many activities has earned Ray the honor of being pledged to Pi Tau Sigma.

One can see that Ray believes that education outside of textbooks and social activities is essential to a successful and happy college life.

Outside of college life Olsen has been an eagle scout and assistant scoutmaster. There's nothing like going on a canoe trip, even if it is with a bunch of tenderfoots, and communing with nature, says Ray.

Though his future has been pretty well planned by Uncle Sam, Olsen hopes to continue his education and work for a masters in a branch of mechanical engineering. In the meantime Ray hopes to do some traveling, mainly under the guidance of the US Navy.

W. W. Kosicki



Well, fellow students, another semester has rolled by and it is time for me to take final leave of my duties. I have enjoyed every copy page of it and have tried to follow in the footsteps of my predecessors, who have brought fame to this column. The shovel has been kept in good condition to the best of my abilities and I have tried in earnest not to make any enemies. So here goes for one final shaft.

That big gun fratmen, Bill Cummins, surprised everyone at the Dance Club last Wednesday by suddenly, and without warning, turning intellectual. After half an hour of dancing, Bill and his woman, of the moment, sat down on a handy couch and Bill, to everyone's consternation, proceeded to read "Thermodynamics and the Free Energy of Chemical Substances,"—while his girl sat next to him and gazed into space.

A/S "Patty" Rice has an "extra" good deal in one of our westerly suburbs. He usually stays overnight at his girl's house on week-ends, and her folks give him use of the family car. "But the front room couch is so much more comfortable", he said.

A/S Joe Hardman is used to acting as a competent "Sea-daddy" for his boys in Quarters #6. Recently he rendered invaluable assistance in easing A/S Wayne Ayers out of a difficult situation. Jerry (she's from North Dakota) caused Wayne many sleepless nights until Joe dictated a letter for him. The result was complete control of the situation for Ayers. It appears, however, that Joseph cannot solve his own problems. When Margie left Chicago for a vacation in California, everything was rosy. But when she made a long distance call one liberty night to find Joe gone, the situation became precarious. The lid blew off when some kind soul sent Margie a recent issue of *Technology News* in which Joey was reported chasing secretaries through Chapin Hall. Steamshovel has scored again; Margie will undoubtedly be grateful for its assistance in unearthing this philanderer.

After considerable trouble I have found the reason why Art "Big Boy" Alterman has been all smiles since he moved into the Hyde Park district recently. It seems that he met a little blonde in a most unconventional manner. He told her that he would supply her with nylon hose. He now spends all his free time with her out at the famous "Point" in Jackson Park.

Those who attended the AIEE picnic saw many a strange sight. One of the best was when Robert Pogoff competed with Dr. Rader's young son in tree climbing. Needless to say Pogoff won by three feet; his tree was taller.

The fair sunshine has brought out a budding young romance in Joan French and A/S Bob Thurston. This fact has been quite obvious to anyone who has seen them walking hand in hand around the school. It is rumored that by the time Bob gets his degree, he may get up enough courage to actually put his arm around her. This will be a milestone in his life, as he has never gotten quite that intimate with any girl.

The latest romance affair concerns A/S George Sarvadi and Ruth Latcher. It seems that George has made it a habit of walking her to the bus line every evening, and on Wednesday, keeping the girls happy at the dance club. This might be fine by taking advantage of your uniform, George, but what we're interested in is your dear Trudy in Aurora.

Eddie Bell may have been the drunken charge of Bill Bowers at Niles, Michigan, two weeks ago, but only last Wednesday night Bill himself became the set at a party given in his honor. Bill's wild stories about Eddie's inebriated escapades were nothing compared to his own after five quarts of beer! Wicked remarks hurled at passers-by, a childishly scrawled letter to Bette with letters increasing in size to half a page, and a four-footed scramble up a flight of stairs were only the more tellable of his trials.

And at the same party even Bobbie Fries was far enough gone to perturb Leslie Gunner into irresponsible acts. According to Bobbie's reasoning, willing Leslie was officially launched as the cruiser, USS Leslie, when he poured a glass of beer down his back! Leslie, not to be outdone, forced on Bill Bowers a beer shampoo of beauty shop proportions. Some party!

Several persons have said that I should reveal my identity but as I have regard for my personal safety I will sign-off in the unusual but well known manner.

—MOLE

... Techman Talking

Dr. H. S. Wall, Professor of Mathematics

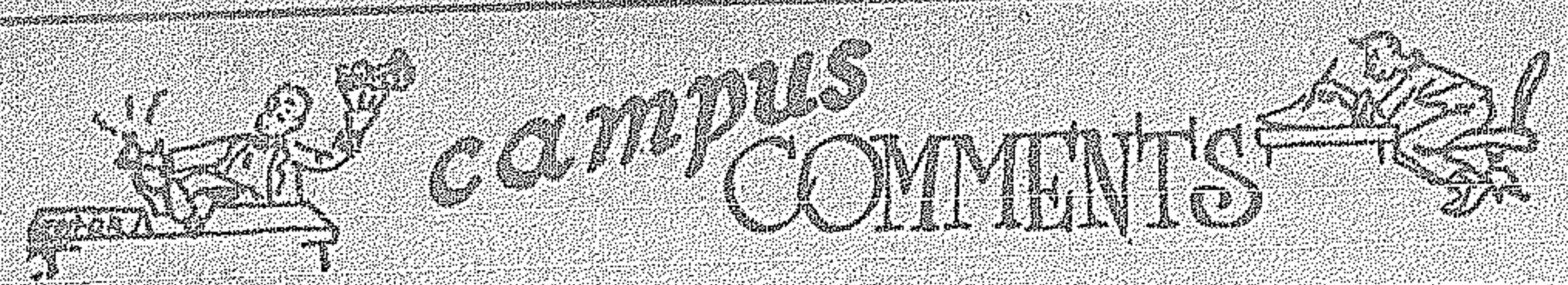
As my first year at the Institute draws to a close, I look forward with a pleasant sense of anticipation to future years here. I feel that there is a spirit of progress which is not satisfied to develop just average engineers, but which seeks rather to find and develop superior scientists. I have seen this in the meetings of the Engineering Analysis Committee. Uppermost in the minds of these men is the desire to help the student develop the ability to set up and solve problems, and to make free use of mathematics.

I believe progress can be made in that direction. Perhaps the fault lies in the prevalent idea that mathematics is a kit of tools all arranged in little packages. Over the years this has come to be reflected in our textbooks, which in trying to meet the demand for more and more tools in the kit, have reached the point where one can question whether we are teaching mathematics. To illustrate, I believe it would be quite impossible to find out what an integral is from our present calculus text. We teach the integral as a "tool" but fail to teach what the integral is.

I wonder if mathematics isn't rather a state of mind, an analytical mind, which can size up a situation, discard the unimportant, fit disorganized facts into a pattern, and know when a problem is solved. If we approach the teaching of mathematics with this as our axiom, it might be that we could make essential progress. For instance, we would no longer apply the old principle of supplying answers to problems! Part of the scientific mind is the critical ability to know when the problem is solved.

Rather than being a tool subject, I believe mathematics is an art—the purest form of art, in which the mind is the instrument of expression. This is the art which takes chaos and builds from it a magnificent structure of order and reason.

A. G.



LETTER OF THE WEEK: Reply from Secretary

I have been a secretary on this campus for the past year and one-half. During this time I have met some very interesting and some very uninteresting young men. However, I can't imagine that there is any one as stupid as H. P. Jr., who seems to think that we secretaries are all a bunch of "dumb tools." Where does he get this stuff about the secretaries following "the dark, dreary footsteps of the professors." We are just a group of average American girls with jobs at IIT. Just because we don't go "wolfing" after the supposedly irresistible Techmen, H. P. Jr. seems to think that we think we are the only women in existence. On the contrary, we have learned enough to find our dates elsewhere. It becomes very disgusting to see a group of fellows acting like a group of hyenas all the time. This is the reason that IIT secretaries prefer to associate with men who have been refined to at least some degree. Before H. P. Jr. decides that we are all snobs, he ought to consider the way he acts.

A Look At Alumni

Dave S. Steinberg is now a first lieutenant in a 15th AAF B-24 Liberator unit. He has been overseas since last October and has participated in bombing attacks on vital Nazi targets along both the Italian and Russian fronts; giving support to the Russian armies driving into Austria and Germany, and to the Allied forces smashing the German divisions in Italy.

Ens. Walter Eugene Gardner, USNR, Chicago, Illinois, recently reported to the Officers' School at the Naval Training Station, Norfolk, Va., to receive instruction for duties aboard a destroyer of the Atlantic Fleet. Ens. Gardner is the son of Mr. and Mrs. E. F. Gardner, 6722 Cregier Avenue, Chicago. Before enlisting, he was employed by the Carnegie Illinois Steel Co. He attended Illinois Institute of Technology.

Ensign Burdette Douglass, USNR of Rockford, Illinois, is preparing for service with the navy's growing amphibious forces. Now stationed at the Atlantic Fleet's amphibious training base at Little Creek, Va., Ensign Douglass is training to serve as engineer officer on an LSM (landing ship, medium), the latest model in potent invasion vessels. Ensign Douglass, whose wife resides at 1734 Broadway Street, entered the navy in June, 1944, shortly after graduating from the Illinois Institute of Technology. He is the son of Mr. Cecil W. Douglass, of Rockford.

After serving 14 months on the Aleutian Islands as an anti-aircraft battery officer, First Lieutenant Frederick P. Dose is now on his second tour of foreign service as an operations officer with a veteran 12th Air Force fighter-bomber group in the Mediterranean Theater of Operations.

Harry F. Heidenreich was recently commissioned a lieutenant. Harry is a former javelin star from

H. P. Jr. says that instead of acting like a ray of sunshine, IIT secretaries act like snobs. The truth of the matter is that while we secretaries do try to act like rays of sunshine, IIT men are acting like dark clouds preventing us from shining.

We are fortunate that at least not too many students at IIT are as off the beam as H. P. Jr. Its' time he came out of his self-conceit and looked about.

Secretary

Juice Department

What's the matter with the juice department? I had my schedule all fixed and was just waiting for an O.K. on it when I found that a number of classes and labs had been changed. I had to make out a complete new schedule which was entirely different from the original. The juice department is supposed to be a progressive department but you sure wouldn't realize it if you were around near registration time. For gosh sakes don't make any more changes.

T. Z.

IIT. While at college he threw 171 feet. At Camp Carson, Colorado, Harry topped this record with 185 feet (he had an infected arm). He then went on to win 3rd place in an AAU meet with a 208 foot throw.

—EDWARD SHORE

Hope... for women

—HOPE IVERSEN

REMINISCING

Since this is the last week of the semester this time we'll reminisce—first of all, some of the things that used to go on around the west campus, and then what has happened during the last year.

BASEBALL TOURNAMENTS

In the spring of 1942, there was a highly contested baseball tournament—the games were held daily for three weeks at Union Park, with teams representing fraternities, classes and just gangs. Half the school was out there acting as rooters—it really was quite the thing.

GYM

Wonder how many there are that remembers a few semesters ago when the gym was occupied every afternoon of the week—Monday, Wednesday and Friday were devoted to badminton; Tuesday and Thursday devoted to basketball. Back then you had to make a reservation two days in advance to use the gym. Another thing that most of the kids will remember are Mrs. Hazel's gym classes. And a final note, in those times, all men were required to take a gym course that included junior commando training, ju-do and obstacle courses. Those poor fellows had to jump off the gym balcony, climb a swinging rope, etc.

LOUNGE

Another thing that was quite the style then was the annual committee. From the beginning of time, there was an annual committee for the securing of a lounge for Lewis students. Numerous places were suggested for lounge use, such as the balcony of the gym, a room in the basement, one of the rooms in the Damen Street Building, etc. Many of the committees went as far as pricing building materials and furniture. And now there is a lounge.

SIGNAL CORPS

Most of the kids can remember when we had all sorts of defense courses. It started out with Signal Corps men in 1941, went to ESMWT and ended with Signal Corps women. The lunchroom and library were always crowded to capacity.

LOUNGE

And now, to the new additions to the west campus in the last year—first of all there was the lounge. After all the committees, it was really swell to get so nice a lounge. Before that was opened, there was no place to pass away time, play cards or dance. We're all mighty proud of that lounge.

WAA

Another new thing was the formation of the Women's Athletic Association. There has been a need for a similar organization since the opening of the school. The women have never had an opportunity to use all the sport's facilities of the school for lack of the proper organization and now with the efficient officers the group has, much is being done toward that end.

RED CROSS

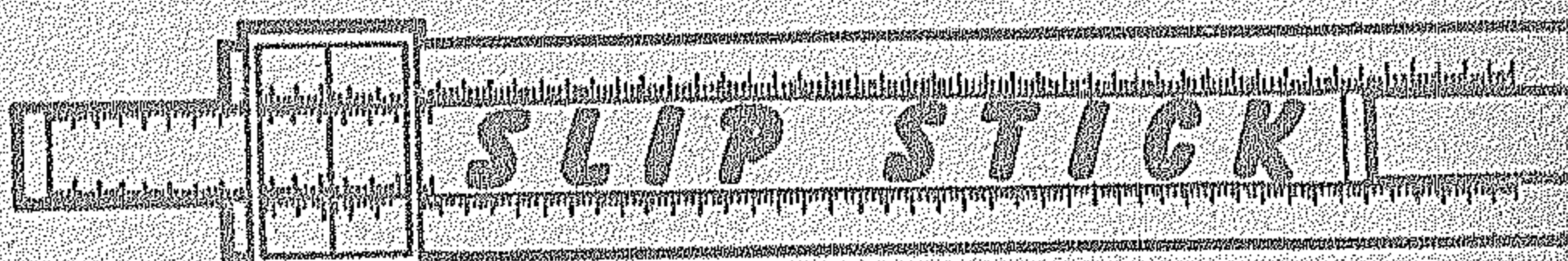
Another new item was the formation of a Red Cross College Unit here at IIT. Many of the students really wished to do some thing for the war effort, but with all their school activities they couldn't do volunteer work. With this group they can give a short amount of time, and in that time do a lot of good.

ENROLLMENT

The greatest change this year has been the drop in enrollment. With so very few students in school, it is rather difficult to do too many things, but considering the size, the west campus has done mighty good this year.



A/S WENDELL OMER was the salutatorian of his high school in Salt Lake City. . . . A/S ALAN GRANT and his twin sister won a trip to Niagara Falls as first prize in a most beautiful twins contest when five years old. . . . GEORGE ZOVEDNY, although only a sophomore mechanical, is working with the physics department doing molecular calculations. . . . JAMES ANDERSON, sophomore electrical, was manager and captain of the Tilden High School chess team which won the city championship last year. . . . JAY WARSHAWSKY, sophomore electrical, was lieutenant colonel of his high school ROTC unit. . . . FRANK BERNSTEIN, freshman mechanical, plays three different musical instruments and has played with a professional band. . . . A/S PAL P. MARTIN'S grandfather is the owner of a 400 acre Czechoslovakian estate. . . . A/S THOMAS B. FRENZER was drum major of his Grand Rapids high school. . . . WALTER KOEPPER carries the male lead in an operetta being given by his church.



Cleave to the Slipstick—Let the Slapstick Fall Where It May

He: "I wonder if I could make you melt in my arms?"
She: "No, I'm not that soft and you're not that hot!"

—IIT—

Chapter 1

He grabbed me by my slender neck
I couldn't yell or scream
He took me to his dingy room
Where we could not be seen.

—IIT—

When a girl is up on a ladder,
men get the rung ideas.

—IIT—

Moe: "When I walked in on my girl, she blushed all over."

Joe: "Do you mean to say you could tell that?"

Moe: "Sure. That's why she blushed."

—IIT—

Chapter 2

He tore away my flimsy wrapper
And gazed upon my form;
A chilly sweat came over me
But he was hot and warm.

—IIT—

She: "I can tell you travel in a car."

He: "How so?"

She: "By the way you bear down on the clutch when you come to the curves."

—IIT—

"Bare knees are a luxury."

"How come?"

"Try to get hold of one."

—IIT—

Chapter 3

His feverish lips were pressed to mine;
I gave him every drop
He drank away my very self
I couldn't make him stop.

—IIT—

A handsome midshipman from Annapolis wandered into a tennis tourney late one afternoon. He sat down beside a demure young lady and asked, "Whose game?"

"I am," said the bashful one.

—IIT—

Lil: "Stop."
John: "I won't"
Lil (with a sigh): "All right, I've done my duty!"

—IIT—

Chapter 4—Finale

He made me what I am today
That's why you find me here
A broken bottle thrown away
That once was filled with BEER.

—IIT—

Ice man (entering the kitchen with cake of ice): "Hello Sonny!"
Little Boy: "Hey, when you say that, smile!"

—IIT—

With this issue another term of Slipstick ends. I would like to thank you for laughing at an occasional joke. I would also like to say a few words to my censor. CENSORED! C-E-N-S-O-R-E-D! C-E-N-S-O-R-E-D! C-E-N-S-O-R-E-D! C-E-N-S-O-R-E-D!

ALLEN DIMOFF

—97 44/100 PER CENT PURE

V-12 VETS

FRED RAYMOND FLORY

Fred Flory put in his overseas time in Iceland, the land of midnight sun, howling gales and terrible cold.

Joining the navy as a seabee in January, 1942, just after Pearl Harbor, Fred was shipped from Portland, Oregon, place of enlistment to across the country to Norfolk, Virginia. He was fortunate in joining when there was an acute shortage of men in overseas bases, for boat training at that time was only three weeks. He left with a shipfitter second class rating and was sent to Quonset Point, Rhode Island. Three months were spent there building and testing floating dry docks for small craft.

The new 9th battalion of Seabees was being formed in April 1942, and Fred was assigned to this group. Shortly afterward a detail of 15 special welders was selected and flown by PBM to Falcon Point, Iceland. Fred was among them.

This group was the first detachment of Seabees to enter the Atlantic area. Civilian engineers were there when the CB's arrived and they remained to train the navy men in their job they were to do. A month later the remainder of the battalion came to Falcon Point by steamer, and the original fifteen there took the place of the civilians in training the three companies that formed the battalion.

Their task was the construction of an airfield and an oil tank farm. "Eat, sleep and work for 14 months in high winds and snow" says Fred. Winds as high as 125 miles per hour were recorded, and then the anemometer broke. The quonset huts in which the men lived were destroyed; oil tanks in the process of construction, braced with steel, were crushed; several times men were blown from the tanks and killed or badly injured.

In September, 1943, Fred was returned to Quonset Point and given a 30-day leave. He returned from leave and started an intensive training for the South Pacific area. The school lasted two months, and it was at that time that Fred applied for V-12. He was selected in January 1944 and sent to IIT to start the first semester of 1944 as a mechanical engineering major. He holds a good conduct ribbon, the American theater of operations and the European-African ribbons.

—GEORGE MARTINKO

THIS COLLEGIATE WORLD

While I don't have the nerve to propose that Dr. DiCicco give our differential equations class an exam set to music, I can at least report on the unique comprehensive exam which the University of Chicago recently gave in music and art. The exams were held in Mandel Hall and encompassed Humanities 1. Instead of asking the bewildered students to define Allegretto quasi Andantino and list ten composers who have used it, the University of Chicago has its students listen to music and report what they heard. Similarly, instead of having to explain the symbolic nature of Pablo Picasso's Guitarist, University of Chicago students look at art and report what they see. However, one still has to know the answers!

Probably the smallest college in existence is the new Roosevelt College of Chicago which had a total enrollment of five students, as of June 7, consisting of three young women and two men. Two of the students are majoring in sociology and the remaining three are majoring in English, political science and pre-dental courses. The "campus" is located 30 stories above Chicago's loop.

The University of Chicago will go in for housing projects after the war. President Hutchins recently announced that the university contemplates a faculty housing center to be situated on the south side of the Midway. Hutchins asserted that the project would accommodate 150 families. Sounds like the FHA!

At Northwestern's 87th annual commencement, held last Wednesday in Deering Meadow, 1,450 degrees were granted, in addition to the graduation of 26 policemen from the Traffic Institute. Among the policemen completing the four and a half months course is one from Chungking, China.

The country's first college-credit correspondence course in Japanese is being offered by the Home Study Department of the University of Chicago. The syllabus includes detailed instructions for learning Japanese script and sets of phonograph records for use in learning to speak the language.

—EDWARD SHORE

FOUR Pi Kaps Win IF Softball Title Champ Intramural Sftoball Team

The interfraternity softball championship was decided Thursday, when the Pi Kaps defeated the Alpha Sigs in a thrilling 10-inning game, 5 to 4.

The Alpha Sigs pushed 1 run across in the first inning and 2 more in the second. Their defense faltered momentarily in the last of the second and the Pi Kaps took advantage of the situation and tallied once. Wagner Larson allowed 3 hits in the last of the third, one a double by Jack Capron, who drove in 2 Pi Kap runs.

Neither team scored in the fourth. The Sigs gained a 1 run lead in the first of the fifth as a result of successive hits by Bob Freund, Norm Schmitz, and Gene Evers. In the last of the sixth the Pi Kaps tied the score at 4 all. Due to airtight defense on the part of both teams, neither was able to score again until the tenth inning.

In the last of the tenth, Tom Ruck singled, Len Donarski doubled, Ruck going to third. Dick Stark walked to fill the bases and with two outs, Jack Capron came through once again, this time with a double, driving home the winning run.

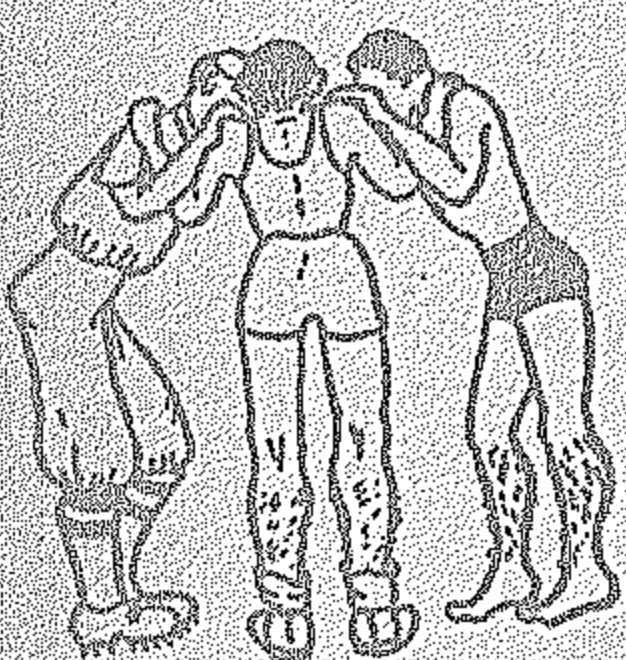
Triangle whalloped Sigma Alpha Mu, 21 to 2, in softball play last week. Len Baness connected for three safe blows in four times at bat, also playing a good game at third base for Triangle. Hank Bordeaux and Bill Atchison were mainstays for Triangle. The second-place champions will be decided today when Triangle meets the Alpha Sigs.

The Sammies broke into the win column as they whipped the Delts 18 to 6. Loenard Rabins set the Delts down on 4 hits and received capable support from Ben Barish and Hy Weiner.

The Delt left fielder Fenton was their mainstay on defense as he made 12 put outs. Milt Cox was the losing pitcher which incidentally was their third loss in as many games.

INTER-FRATERNITY TEAM STANDING

	Won	Lost
Pi Kappa Phi	5	0
Alpha Sigma Phi	3	1
Triangle	3	1
Sigma Alpha Mu	1	3
Rho Delta Rho	1	3
Delta Tau Delta	0	3



the SPORTS HUDDLE

By H. Pype

The Senior Mechs sure have established a record by winning their third straight softball championship. No longer will they be able to powerhouse their way through the opposition to come out on top at IIT anyhow. Last season the Mechs took their time in going through the regular tourney and in so doing, lost a game. They came right back in the playoffs and by playing heads up ball succeeded in whipping a Soph team to gain the title. This year there was no fooling around as they went through tourney play undefeated. For their record feat, the name of Senior Mechs will be inscribed on the golden keg to be remembered by posterity.

The sports teams will suffer greatly by the graduation and departure of the seniors next week. It's so long to Norm Hankins, Ned Grable, high scorers in basketball and track, Captain Tom Kilgariff of the basketball squad; Dennis O'Geary, Ted Maciejewski and Byron Fanselow of the basketball team, and Jack Hammack, Arnie Niemi, and Warren Sahli of the track team and soon. These and all the rest of the athletes who made the writing of this page more simple with their sports achievements will surely be missed. Lots of luck fellows and those underclassmen who remain will endeavor to live up to the high standards you have set in both studies and athletics.

If something doesn't come along to change the plans, I expect to take over Norm Schmitz's job as Intramural Manager. Plans call for another softball tourney, this one without the above mentioned Senior Mechs and Senior Chems and this should make for a wide open tournament. There will probably be interclass tennis, horseshoes and track tourneys to insure a full athletic schedule, providing student support is obtained.

I would like to publicly express my thanks to Tom Kilgariff who spent a lot of time showing me the ropes in sports writing. There's still a lot to learn and with as good an assistant as Charlie Hatstat, we should be able to make out alright.



SLUGGERS—The Senior Mechs softball team, who recently won the intramural championship are: (left to right) back row, A/S Norm Hankins, A/S Jack Cappeck, A/S Roy Schimmelpfennig, A/ SJohn Osborn, A/S Bob Negele, A/S Ned Grable, front row, John Noble, Ernie Klimczak, A/S Tom Kilgariff, Bill Atchison, and Tom Ruck.

Senior Mechs Take Third Cup As Soph Bums Bow 5 to 2

The Senior Mechs annexed their third straight intramural softball championship Friday by beating the Soph Bums 5 to 2. It was the Mechs all the way as the Soph pitcher, Dick Goehring could do nothing to stop the onslaught.

Tom Kilgariff led off for the Mechs with a hit and scored on successive hits by Bob Negele and Norm Hankins. Ned Grable followed up with a single driving home 2 runs. Two outfield flies produced two more runs to end the scoring for the inning.

The Bums scored one run in their half of the first. The Mechs were held scoreless in the first of the second and the Bums sparked by Howard Baum and Dick Stark pushed across a run in their half of the second.

Some spectacular fielding on the part of Bob Negele, third baseman, and Jack Cappeck leftfielder kept the Mechs out of any serious trouble as the Bums were held scoreless throughout the remainder of the game.

Johnny Osborn singled in the Mech fourth and scored on outfield flies to end the scoring.

As the game ended, the Mechs were ahead 5 to 2.

Scoring

Senior Mechs	4	0	0	1	0	0	0—5
Soph Bums	1	1	0	0	0	0	0—2

Bicek Demonstrates X-ray Unit to ACS

Twenty-eight student members of the American Chemical Society were present at the demonstration of the X-ray diffraction unit given last Friday by Dr. Edward J. Bicek, instructor of chemistry.

In addition to demonstrating the unit, Dr. Bicek exhibited a series of negatives which he had taken with the unit. He also discussed the principles of X-ray diffraction.

The yearly report of the student chapter of the ACS has been sent to the national headquarters in Washington. It contained notes of ACS meetings, activities, etc., and was compiled by Miss Carrie Butler, secretary-treasurer of the student ACS.

Enander Wins Presidency Of Honorary Mechanical

A/S John Enander, new president of Pi Tau Sigma, honorary mechanical engineering fraternity, leads a list of six men who were elected to office at a meeting last Friday evening.

The other men are Jack Schmidt, vice president who will also serve as pledge master; Leonard Jatezak, treasurer; A/S Don Wing, corresponding secretary; A/S Arthur Marcussen, recording secretary; and A/S Tom Blim, cataloger.

Enander told the group that he has plans for several types of social events which will be held in addition to the usual business meetings.

Pi Kaps Clinch Interfrat Bowling Cup; Delts Second

The Pi Kaps annexed the interfraternity bowling championship with a 2157 series. Delta Tau Delta placed second and Triangle, third.

Len Reiffel of Rho Delta Rho was high single man with a 199, but his team forfeited due to the fact that they weren't represented by a full 5-man team. Dick Stark of Pi Kaps was declared high man in singles with 185.

Dick Hoffman of Delta Tau Delta bowled the high 3-game series with a 487. Bill Ludwig of Pi Kaps was a close second with a 485, and Bill Atchison of Triangle finished third with a 461.

Interfraternity Track Contest Won By Sigma Alpha Phi Team

The interfraternity track meet was held last Monday and Alpha Sigma Phi triumphed as the result of amassing a total of 31½ points. Pi Kappa Phi placed second followed by Delta Tau Delta and Sigma Alpha Mu.

S P's Shut Out By V-12's 7-0

Scoring their third victory in as many contests, the Illinois Tech Navy softball team defeated the Chicago Shore Patrol team by a score of 7 to 0, Wednesday, at Grant Park.

Ray Murphy turned in his second shutout in a row while allowing 2 hits. He was credited with 5 strike-outs.

The first 3 SP's were retired in order in the first inning. Bill Burns led off for Tech and was safe on an error. Ed Bald singled, and then Roy Schimmelpfennig promptly connected for a round tripper, driving in 3 runs. This, incidentally, was Roy's first hit in 7 attempts. The next two men flied out, Bob Hauser singled, but Bud Kleeman fanned to end the inning.

It was three up and three down for the SP's in the second as two went down via strike-outs, the other flying-out.

Bill Crowley opened the Tech second by flying out, and successive singles by Marini, Martin, and Burns produced 1 run. An infield out by Bald and a double by Shimmel and a single by Murphy accounted for 3 more to end the scoring for the game.

Shore Patrol collected two hits in the first of the seventh to spoil Roy's chance for a no-hit game.

Leading Tech hitters were Roy Schimmelpfennig, Bob Hauser, and Paul Martin, with two hits in 3 times at bat.

Illinois Tech				Shore Patrol			
Player	AB	R	H	Player	AB	R	H
Burns, 2b	3	2	1	Carbin, c	3	0	0
Grable, cf	1	0	0	McVay, cf	2	0	0
Bald, cf	2	1	1	Angie, 1b	3	0	1
Schimmelpf, cf	3	2	2	Dewerff, lf	3	0	0
Murphy, p	3	0	1	McKo'ski, ss	2	0	0
McKo'ski, c	3	0	0	Smith, 3b	2	0	0
Hauser, ss	3	0	2	Burdish, p	2	0	0
Kleeman, 1b	3	0	0	White, 2b	2	0	0
Crowley, 3b	1	0	0	Rosey, rf	1	0	0
Marini, lf	3	1	1	Stewart, cf	2	0	1
Martin, rf	3	1	2				
Totals	28	7	10	Totals	22	0	2

Shore Patrol	0	0	0	0	0	0	0—0
Illinois Tech	3	4	0	0	0	0	7—10

Ford Elected President Of Sigma Xi Fraternity

Four members of the faculty were elected last week to offices of Sigma Xi, national honorary research fraternity.

They are Dr. Lester Ford, chairman of the mathematics department, president; Dr. T. J. Higgins, of the electrical engineering department, vice-president; Dr. John Di Cicco, also of the math department, secretary; and Dr. L. R. Hedrick, of the biology department, treasurer.

A membership committee of seven persons was also elected at this meeting. The Illinois Tech chapter of Sigma Xi was instituted here in 1941.

Cigarette Ration Card Can Be Taken on Navy Leave

The navy men will be allowed to take their cigarette ration cards with them on leave so they may purchase tobacco supplies during this time, Lt. S. A. Wilhelm announced today.

Trainees who desire to take their cards with them will receive them when picking up their leave papers.

Upon returning from leave, those who desire to turn their cards back in will do so at the first issuing of tobacco ration on July 5.

Highest individual scorer of the meet was Dick Papps of Pi Kaps with 16½ points.

All events were run off with the exception of the discus, shot and relay events. These were scheduled to be run Friday, but rain resulted in cancellation. The final results were based only upon last Monday's results.

Table of Points

Alpha Sigma Phi	31½
Pi Kappa Phi	19½
Delta Tau Delta	14½
Sigma Alpha Mu	1

Summaries:

HIGH JUMP—Won by Cox, Delts; Anschicks, Alpha Sigs; Papps, Pi Kaps, Hoffman, Delts; tied for second. Height: 5 feet 2 inches.

BROAD JUMP—Won by Papps, Pi Kaps; Schimmelpfennig, Alpha Sigs, second; and Cox, Delts, third. Distance: 21 feet ½ inch.

100 YARD DASH—Won by Papps, Pi Kaps; Stidham, Alpha Sigs, second; and Paulsen, Alpha Sigs, third. Time: 10.25.

220 YARD DASH—Won by Papps, Pi Kaps; Jansen, Alpha Sigs, second; and Paulsen, Alpha Sigs, third. Time: 23.8.

880 YARD RUN—Won by Anschicks, Alpha Sigs; Jansen, Alpha Sigs, second; Schimmelpfennig, Alpha Sigs, third. Time: 2:22.2.

880 YARD RELAY—Won by Alpha Sigs Schimmelpfennig, Petrillo, Jansen, Paulsen), Delts, second; and Pi Kaps, third.

Honor I Offices Filled; Browning Is President

After a recent election, A/S Robert Browning was named the new president of Honor I, honorary athletic fraternity.

Also filling new offices were: A/S Gene Evers and A/S Roy Churan as vice-presidents, while A/S Joe Hardman retained his position as secretary-treasurer.

Pledges to the organization will be considered at the first meeting of next semester.

Grinter Confers with U. of Mexico Official

Dean Linton E. Grinter, while in Mexico, conferred with the co-ordinator of research of the University of Mexico. It was arranged that there would be an exchange of professors between IIT and the University of Mexico.

INDIVIDUAL BASEBALL AVERAGES

	AB	H	Pct.
Murphy, of	37	17	.460
Stidham, c	21	8	.381
Bushelle, of	13	5	.384
O'Geary, if	38	14	.369
Pyzik, if	30	10	.333
Lichtman, c	13	4	.308
Farselow, if	10	3	.300
Kravolec, p	10	3	.300
Krawczak, if	31	9	.290
Crowley, if	18	5	.278
Evers, p	28	5	.178
Maciejewski, of	28	5	.178
Holstrom, if	25	4	.160
Hauser, of	32	5	.156
Fenton, c	2	0	.000

For the best girl friend—

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RINGS AND JEWELRY

Spies Brothers, Inc.

27 E. Monroe St.
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Manufacturers of official
I.I.T. Jewelry
Reliable Since 1878

SUNKIST PIES
Are Served Exclusively In The
IIT Cafeteria

Licensees of Wire Recorder Will Hold Special Conference

A special conference of all Armour Magnetic Wire Sound Recorder licensees will be held on July 13 at the Book-Cadillac Hotel in Detroit, according to an announcement by Dr. J. E. Hobson, director of the Armour Research Foundation of Illinois Institute of Technology.

This conference will be held under the auspices of Illinois Tech's Armour Research Foundation which is carrying on the fundamental research and development work in wire recording as a part of its service to licensees. The licensing program is under the direction of Lucius A. Crowell, president of the Wire Recorder Development Corporation.

One of the high points at this conference will be the demonstration of a number of developments, including a new combination erase, recording and reproducing head, which can be produced at an extremely low cost.

One of the motivating forces behind the conference is the fact that prospects of the recorder reaching the market earlier than previously expected have brightened considerably since the last conference. The realization of such hopes will, of course, largely depend upon both the progress of the war in the East and the release of materials by the War Production Board, Hobson said.

In addition to the manufacturers already licensed by the Foundation, 18 or 20 new licensing agreements are pending at the present time.

Erickson to Return Soon

O. Gordon Erickson, head of the musical department, is expected to return to IIT shortly. He had an attack of bronchial pneumonia.

Disclose Senior Social Calendar

A tentative agenda of social events for the October graduating class has been announced by its social committee.

The calendar calls for:

All School Dance August 4
Moonlight Cruise August 25
Senior Farewell October 13

Plans of the committee, which is composed of Leonard Jatzak, Jack McCloy, and A/S John Enander, are to hold an informal all-school dance at the Continental Hotel. No orchestra has been chosen yet, but arrangements have been made with the hotel for the use of a large balcony with tables and waiter service.

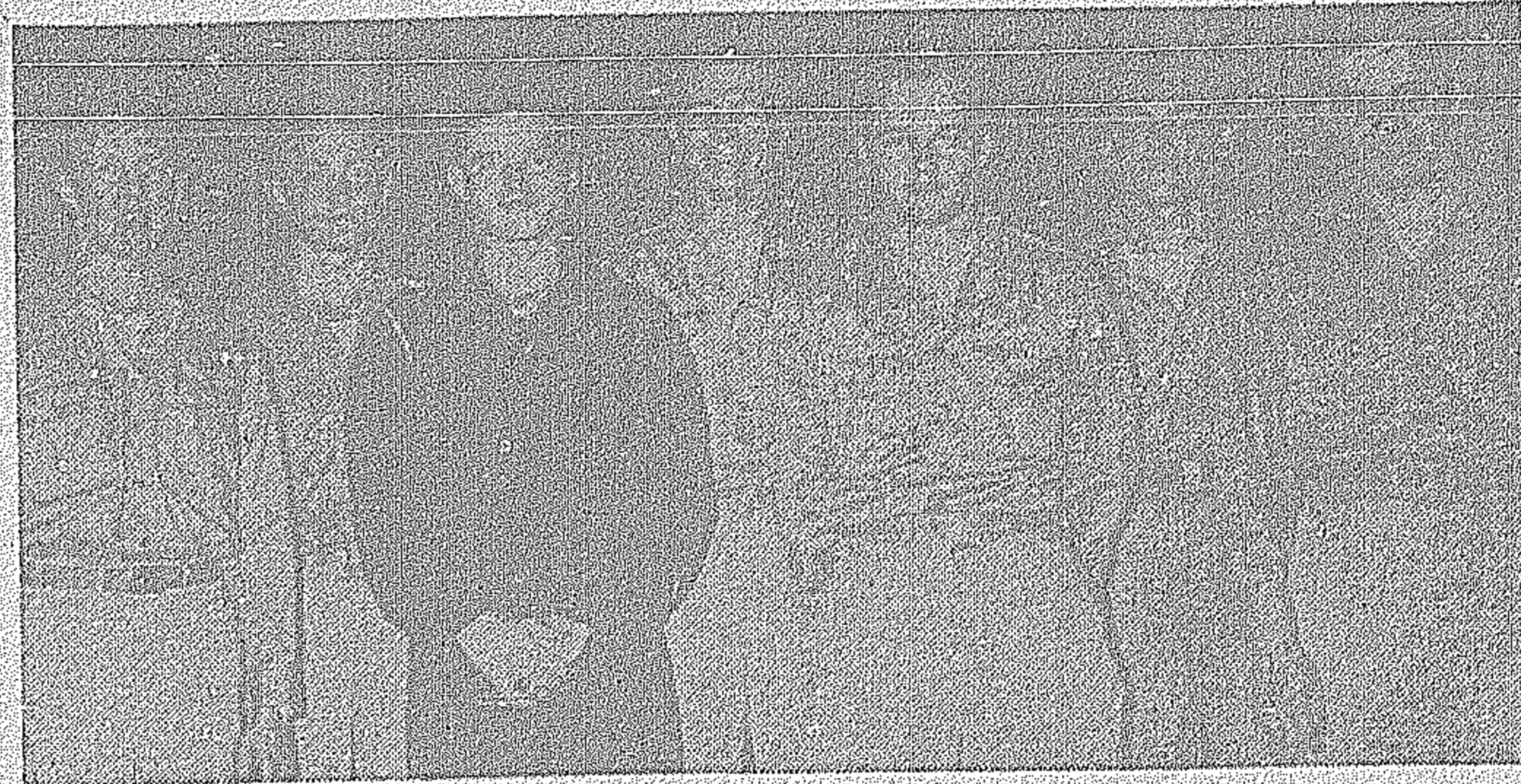
The dance will be climaxed by the announcement of this year's Integral queen. The queen is to be selected in the usual manner. Any student may submit a candidate's picture with the understanding that the winner must be escorted to the dance. A board of judges will pick the ten best of the entries and the final selection will be left to the vote of the students.

The bids will probably sell for \$2.50. Arrangements have been made with the treasurer so that V-12 men can buy their bids without difficulty.

Gas Institute Preparing Journal on Gas Technology

The Institute of Gas Technology staff is preparing a review of periodic scientific literature on subjects of interest to the gas producers and related industries. The material is collected from a considerable number of scientific journals and will be presented in a monthly bulletin called "Gas Abstracts." The first issue has been completed and is ready for distribution.

Musicians Pledged



PI NU EPSILON—Last Tuesday the following were pledged into the honorary music fraternity, Pi Nu Epsilon, (left to right): back row, A/S Robert Anschick, A/S Trent Knepper, A/S Roy Schimmelpfenig, front row, A/S Robert Reeves, A/S Albert Spooner, A/S Norbert Vojta and A/S John Seeger.

Many Institute Offices Shifted; Relocation of Others Planned

An almost general shifting of administrative offices is now in process and will be completed on or about July 1, states Raymond J. Speeth, Institute treasurer and business manager.

The special developments department is moving from its

old offices at 9 W. Monroe to the former offices of the ESMWT located in the west end of the ARF building. Bernard Taylor, assistant to the president, who is in charge of this branch, will move from his office in Chapin Hall to the ARF building also. This move will place Prof. J. B. Finnegan, chairman of the fire protection engineering department in some new offices in Chapin Hall. Their exact location has not been revealed as yet.

Professor Stanton E. Winston newly appointed head of the evening school, will occupy Taylor's old location on the first floor of Chapin. Completing the list of office changes, Henry Post Dutton, will move into offices of the industrial engineering department, of which he is chairman, and John White, director of admissions, will take over Dutton's former location in the Student Union.

In addition, a mailing room adjacent to the mimeograph room in the basement of Chapin Hall will be ready for operation on July 1. All the latest in mailing equipment will be installed there to speed the handling of Institute postal matter.

According to Speeth, other changes are being planned but are still in the formative stage.

Nine Members Initiated Into Alpha Lambda Pi

The Alpha Lambda Pi (Polish Club) held its annual initiation last Sunday at the Como-Inn.

The ceremony was a formal initiation taking place after a banquet. The following were initiated: Walter Czeropski, Richard Lewandowski, Richard Baginsky, Gerard Carnevale, Henry Hawrylewicz, Leonard Jatzak, Casimar Dziedzic, Edwin Wojcik, Chet Pachucki, IIT alumnus and ex-author of Slip-Stick.

The guest of the club was its sponsor, Prof. Stanley Kozacka of the mechanical Engineering department. Also present at the meeting were members from Polish clubs of DePaul and Northwestern universities.

After the initiation, an informal party was held at Leonards restaurant.

Winget to Become ARF Staff Member

Professor William F. Winget, of the electrical engineering department, will join the Armour Research Foundation at the end of the term to do electronic research work for the signal corps.

The signal corps is developing portable test equipment that will be used in testing the instruments of manufacturers who are producing signal corps equipment. Winget's task will be the standardizing and calibrating of such instruments.

Prof. Winget came to IIT in 1943 as an instructor in electrical engineering. He holds a bachelor of science degree from IIT. It is possible that Winget may continue to instruct next term, depending upon registration.

EDITOR

(Continued from Page 1)

managing editorship this term also. Second only to his twin sister in scholarship at South Shore high school, Al held three LaVerne Noyes scholarships as a civilian student. At IIT he is treasurer of Pi Delta Epsilon, and a member of Eta Kappa Nu and AIEE.

Pype has devoted much of his time to the sports pages of *Technology News* during this term and will hold the same position next semester. Assistant intramural sports manager, he was recently pledged to Pi Delta Epsilon.

President of both ACS and SCMP, Shore was assistant feature editor last term, having reached this position after only a short time as a reporter. He is responsible for much of the make-up work of the new Integral.

Appointed to feature editor at the beginning of this term, Kukral resigned because he expected a transfer to a new station. Remaining here, he has again received the appointment. Al was formerly a civilian student here.

This will be Pogoff's first term on *Technology News*, but he has served as business manager of both the Integral and the Co-op.

Fraternities & Sororities

Praetorians Install Four New Officers

At the last Praetorian business meeting of the semester, Morton Specter, Edward Rubin Norbert Berman and Bernard Miretzky were elected officers for next semester. These men will occupy the positions of president, vice president, secretary, and treasurer respectively.

Saturday night the initiation of five Praetorian pledges took place. The occasion took place at the Graemere Hotel. The initiation consisted of a dinner dance and entertainment by the pledges. The pledges presented their skit, which was unknown to everyone but the pledges. The skit was the portrayal of the life of various actives, which caused a lot of red faces.

The pledges were made members by Sidney Mayster, who gave a short speech on the tradition the new members were expected to uphold.

The initiation brought about the reunion of former actives Paul Goldsmith and Dave Levenson, who are both stationed at the Navy radio school in the city.

Jansen Is Elected Alpha Sig President

The new president of Alpha Sigma Phi will be A/S Phil Jansen.

Other officers elected at the meeting on June 13 were: A/S Phil Jansen, president; A/S Frank Pasek, vice-president; Bob Czeropski, treasurer; A/S Bill Wilt, secretary; Ray Novy, corresponding secretary; A/S Melvin Stidham, custodian; A/S Diik Nesladek, pledge master.

Formal initiation of Marvin Brown, Charles Smith, Forrest Neil, Robert Bushanan, A/S Al Ganor, Wayne Johnson, Robert Ribertson, Robert Parker, George Schultz, and Ed Roloffs, was held at the Swedish

Club on Sunday.

Four men were honored for outstanding service to the fraternity. They were: A/S Don Hedeon, Robert Sweiger, A/S Robert Anschicks and Norman Schmitz.

Theta Xi Pledges 3; Ernst Is President

At the formal initiation of Theta Xi last Wednesday three were initiated.

These three were: Milton Ernst, Ronald Steward and Otto Arnston. At the same time, an election was held at which Ernst was elected president. Five members are graduating this semester.

After the meeting, the members went to Adolph's Restaurant on the northside.

Elect Ray Olson As Pi Kappa Phi Archon

A/S Ray Olson was elected archon of Pi Kappa Phi at a meeting last week. Other officers were: A/S Don Helbling, treasurer; A/S Wally Breisch, secretary; C. Howard Johnson, historian; A/S Roy Churan, chaplin; and A/S Allen Dimoff, warden.

Nine men were formally initiated into Pi Kappa Phi at a ceremony yesterday. They were: Robert Appelgate, Ralph Belke, A/S Jim Brophy, A/S Emil Donkers, Frank Janik, Stanley Mickiewicz, Arnold Mullen, Malcolm Slaney, and A/S Cal Zehnder. A banquet was held for the new actives immediately after the initiation.

There will be a meeting of the actives next Wednesday at which time the new officers will be installed by the retiring archon, Tom Ruck. Ruck will receive his degree Saturday and is then leaving for a position with a New York engineering firm. The meeting will be in 405M and will begin at 5:15 p.m.

Maintenance Plans Conversion for the New IIT Campus

The maintenance department is being kept busy with two projects being carried on in addition to their normal duties. These projects include the building of a new shop and the converting of the boiler from coal to oil and fit directly into the plan of the new campus.

Due to the steadily increasing activities of the Institute the maintenance department has found its small shop very inadequate. The department's growth has kept pace with this increase in size. It has tripled its force in the last four years from forty employees to the present maintenance staff of 120.

Ventilation is to be provided by a blower removed from a forge shop on west campus. The blower will draw in cold air and, by maintaining a slight pressure, prevent the hot air of the boilers from entering.

The shop will be completed in about a month and allow further expansion of the department to the extent of doubled work production. At present the staff is undermanned and this increase in size and improved facilities will make it possible to do many jobs which, in the past, have been sent to outside companies.

The other project is to be completed by the start of the heating season next fall. It was necessary to secure permission from the Petroleum Administrator of WPB and the WMC before the conversion to oil could be started.

A 200,000 gallon storage tank will be buried under present parking lot and it is expected to use 800,000 gallons of oil a year.

This will do away with the handling of 6000 tons of coal a year. At the present time this coal is handled by hand three times before it is in the hoppers from where it is conveyed directly into the firebox by a chain grate. Two more handlings are then necessary in removing in the form of ash.

This change will boost the output of the present system to full capacity and will provide the necessary heat for the first two of the new buildings. The new power plant, to be located at 34th Street and Federal, will be the third building, and then, as others are added, the heating will be furnished from it.

This plan is so complete that nearly all of the machinery to be used in the temporary expansion is being installed oversize with the idea of using it in the new power plant.

TECH TIME TABLE

All items appearing in Tech Time Table will be those which are scheduled with Dean Tibbels. No other items will be used.

MONDAY

IVCF, 5:00-6:00, Auditorium
Phi Lambda Epsilon, 5:00 p.m., 405M
SAM, 5:00, 102 Chapin Hall
4A Senior Class, 5:00 p.m., 305M

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SIX Hammack Named To Army Academy

The appointment of A/S John Asa Hammack, to the U. S. Military Academy at West Point, was announced by the Navy office last week.

Hammack, whose home town is Hollandale, Miss., is a seventh term CE at IIT. His original request was for an appointment to the U.S. Naval Academy at Annapolis, Md., and was made in 1941. Four years later, his local congressman notified him that he had been selected as third alternate. This meant that he ranked fourth among four men, these four being the principal, and three alternates. In case the principal failed an examination, the alternates were to replace him, one by one, until one passed.

The principal did not fail his tests, and Hammack who was then at IIT in the V-12 unit, abandoned his plans for Annapolis. However, at the same time, the four West Point candidates had failed to pass the entrance examination, and Hammack's congressman placed him as fourth alternate to the military academy.

Hammack left Saturday for West Point, where he will take a physical examination today. In the event he passes this, he will repeat his college career, starting as a freshman, and graduating in 1949 with a commission as second lieutenant in the U. S. Army.

John said he was really pleased to be appointed, as it meant a chance to further his education. On the side, there is the possibility of playing four fears of army football.

Commander



IGT DIRECTOR— Commander Elmer Shaw Pettyjohn now overseas as head of the oil section of the United States Strategic Bombing Survey and as liaison in the United States Naval Technical mission will become head of the Institute of Gas Technology succeeding John Yellott.

Spector Elected President Of ASME Student Branch

Morton Spector was elected president of the student branch of the ASME at a meeting last Wednesday. Other officers elected were: Leonard Jatezak, vice-president; Joe Viecelli, secretary; and Jack Schmidt treasurer.

Alumni Fund is Increased

Bernard P. Taylor, assistant to the president, has announced that \$56,005.20 has been donated to the Alumni Fund. There were 1,261 contributors, and it is expected the total will be over \$75,000 when special gifts are counted.

Pettyjohn, IGT Head, Inspects Chemical Plants in Germany

Comd. Elmer Shaw Pettyjohn, USNR, who has recently been named director of the Institute of Gas Technology at IIT, is now inspecting chemical plants somewhere in Germany. Pettyjohn was appointed to succeed John I. Yellott, who held the post since September 1, 1943.

New ITV Officers Elected at Meeting

Norbert Martin was elected president of the Illinois Tech Veterans club at a meeting last Friday.

Other officers elected are: Burnham Peters, vice president; Jacob Kramer, secretary; Frank Hall, treasurer; Marvin Brown, social chairman.

Bernard Karsh, past president, stated, "The new officers should give the club the shot in the arm that is needed to make it a top-flight organization." The new officers will not take over their duties until the first week of the summer term.

Immediately following the election the members discussed tentative plans for the annual smoker. The smoker is used as means to acquaint returning veterans with IIT and the veterans club. The affair will be held in the Student Union Lounge about the third week of July.

It was also decided that henceforth new members would be admitted only after they had learned something about the club, and had become acquainted with the regular members. Prospective members will be required to obtain every member's signature and to memorize a short section of the constitution. This section states that the object of this organization shall be to help, inform, and advise incoming veterans and to bring the members together in a fraternal relationship which shall furnish mutual encouragement and promote esprit de corps.

Radio Fraternity Elects William Kneen President

William Kneen was elected president of Rho Epsilon at a meeting held June 11. The other officers elected were: John Conklin, vice president; James Stewart, secretary and Howard Poulter, treasurer.

Although Kneen is graduating, he will be on the campus next term as a part-time instructor and graduate student.

The officers were installed at a party given for the members last Friday at the Rho Epsilon quarters. The entertainment included movies of Admiral Byrd's Antarctic Expedition, a demonstration of the wire recorder, and finally refreshments were served.

Among plans for next semester is the continuation of music in the lunchroom. However, due to the shortage of code instructors, it will be necessary to discontinue the code classes temporarily.

Until the time when Comd. Pettyjohn's naval assignment is completed, Associate Director L. J. Willien will be in charge, according to Dr. Henry T. Heald, president of Illinois Tech.

Comdr. Pettyjohn is at present absent from the country as head of the oil section of the United States Strategic Bombing States Naval Technical Mission.

Born in Alma, Michigan, on April 12, 1897, Pettyjohn earned his BA at Michigan in 1918, obtaining his BSE and MSE there in 1922. After several years of industrial and research experience, he served as a consultant to numerous gas companies. The latter experience has fitted him for the directorship of the Gas Institute.

Comdr. Pettyjohn's primary research in the field of gas engineering has concerned the production of carbureted water gas, the use of coking and non-coking coals and crude oil as water gas generator fuel, and evaporation and heat transfer. He passed many of his ideas on to students as an associate professor of chemical engineering at the University of Michigan before joining the armed forces in 1940.

Comdr. Pettyjohn first service with the Navy overseas was as gunnery officer with a naval transport in 1941. He was later put in charge of an amphibious naval base in the South Pacific, after which he was assigned to head the section dealing with inspection and research on both solid and liquid fuels, in which capacity he has been in close touch with the work of the Bureau of Mines.

Comdr. Pettyjohn also holds the Navy Medal for gallantry.

Honor Board Decision Is "E" for Second Offense

Two cases tried before the Honor Board have resulted in a course failure for one student and an indecision for the second one.

This was the second offense brought before the board for the first student. The professor teaching the course observed his questioning a fellow student during a test and reported the incident. The plea was guilty, and the decision of the Board was to credit him with failure in the course. Since he is to graduate this semester, and the course is required, this decision may result in another semester's work. He had been tried previously in a case involving a quiz identical to that of another student.

The second case was not decided at this hearing.

NAVAL NOTATIONS

Quarters #1

The day of liberation is fast approaching and means a change for every man in Quarters #1. About half will move on to the more rigorous life of midshipman schools, some will take it easy at Tarmac and the others will move into other quarters to remain at the old grind. Just about everyone in old Quarters #1 will miss the place—one way or another, but at the moment no one cares—they've got some leave time coming!

Quarters #2

One-third of the house is moving out with the end of the term. Naval aviation, middy schools, deck schools, and other stations will receive Quarters #2 alumni.

The house welcomed Maurice Anthony back last week. He was not accepted at Annapolis because of slightly weak eyes.

News of the proposed recreation and reception room on the first deck of the quarters was well received by the men. Even the "regulars" of room 101 have consented to vacate quietly.

The men down in 05 held a big party last Friday evening to celebrate the birthdays of two of the occupants.

Quarters #3

Thinking to save cash for the bigger deals of last week end were seamen Lewis Carter, John Schmidt, Bill Sirvatka, Norm Vojta, and Sig. Warner who attended a house party in Morgan Park the Saturday night before last. The anticipated refreshments, however, consisted solely of Coca Cola and it wasn't until after the party that any of the men got soaked—this time in the rain.

Wild cries of jubilation rang through the hallowed halls of old Quarters #3 as the fortunate eighth termers: A. F. Bandur, Bill Flynn, Ed Goetsch, Frank Kimmel, Bill Ostrow, Herb Schoen, and John Ward, who are destined for Notre Dame for middle training, greeted the Columbia "gems"—Will Bicknese, Bob DeBoo, C. Mazarakis, Pete Parlos, and Ted Zaggy. The singing of "Columbia, the Gem of the Ocean" became a crime punishable by an unmerciful beating. "Ah well," sighed 'Errol' Flynn "Join the Navy and see the world." Neutrals

were Gus Troyan, Cornell, and Bob Reeves, Fort Schuyler.

An unsolved mystery is the gash in Frankie Kimmel's hand. Looking very much like the work of a hungry vampire, the wound was sustained one night while Frank was in a sound sleep. Since the MAA Bob DeBoo sleeps just above the unfortunate victim, the quarters men have been wondering.

Quarters #4

Congratulations are in order for a number of people:

To John Seegar, Al Kukral, and Bob Fries, for their installation as Alpha Phi Omega officers last Friday,

To Ray Mead on his becoming a more mellow M.A.A.,

To Ray Murphy and Ed Kralovec for their fine pitching,

To Paul Lavenant for his thoughtfulness,

To John McGabe for all the mail he didn't bring,

To Howie Poulter for his fine tennis work,

To Hale Shulby for his generosity,

To Bob Fordham for giving the girls a break at the Dance Club,

To John Hoffman for his fine drinking,

And last but not least,

To Richard Peterson for his sudden change of heart from lovely Pat Vedel to curvaceous Natalie Eckland. The fastest heart-breaker and woman-changer of the unit! He who shafts last shafts best!

Quarters #5

With all the publicity Salty, and the "doting sailors" of Quarters #5, have gotten, it is hardly necessary to say anymore about Salty's disappearance.

The calls from numerous people have poured in, each of them certain they have found the dog, or at any rate eager for the reward. The ample reward, by the way, has been offered by Mrs. Abbott, next door neighbor, whose heart Salty captured.

Some of the people calling sounded young and sweet—could be the party knew she was calling sailors—could be she had no dog—could be . . . well could be!!!

Another memorable picnic and gay time has gone into the memories of the men who came to quar-

ters picnic at Palos Park, Saturday. Thanks to the capable planning of Tom Turcotte and Vic Mieszkowski, food, games, and music were provided.

Quarters #6

Fred "Well Rope" Flory observed the fifth extension of Shaft-Your-Buddy-Week by slipping a suit of whites in those John Scott was about to press.

Scotty, whose whites have every name but Scott on them, pressed the jumper before he discovered the trick. Shortly afterward, Room 103 put the chairs back together and hit the books.

Jim Hartnett, whose reputation has been made by his neat appearance, has lived four months in Quarters #6 without buying soap, shaving cream, razor blades, shoe polish or a comb. His buddies like to take care of him, so they place clean skivvies, hats, and socks in his drawers. At least he finds them there whenever he needs them. He may be said to have lived more cheaply at IIT than any other V-12 student.

Quarters #7

Edward Lazio and John Saunders are leaving the house for the Naval Air Corps, which explains their queer conduct of late. If either of them are seen in the next few days running down the street with arms outstretched, and making a droning sound with their mouths—take it with a grain of salt because they are just trying to get a head start on their buddies.

As this term comes to an end, the quarters officers in general should be commended for the way they have performed their duties, and special credit should be given to Tob Kilgariff, the present company commander.

A great deal of comment has arisen among the men over the fact that ship's company will occupy the entire second deck next term. Many of the upper classmen are on this deck which has the best study facilities in the quarters. It is suggested that ship's company, who probably will not stay aboard most of the time, could occupy the first deck without disrupting as many study facilities as the present plan indicates it would.

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