# TECHNOLOGY NEWS

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## as I see IT-

By HENRY FREUND

HALF THE NAVY men did not pay the dollar requested of them recently by the ITSA. This was the main topic of discussion at the last meeting. A certain group of ITSA members felt that they should not allow men to participate in ITSA activities if they did not pay their fee. Such a move would have involved all the class activities, the publications, the Student Union, the clubs, the dance club and all other organizations under the jurisdiction of the ITSA. The result of this policy is quite apparent. It probably would have meant the virtual collapse of many of the most active groups on the campus.

There is no question that the ITSA was faced with a problem of trying to show the navy men who did pay that they were receiving something which the non-supporters did not get. However, their proposed move would have accomplished no good. It is too late, now when the semester is half over, to clamp down on the non-conformists. The results might be that the ITSA would lose more support among the navy men.

As things worked out, most of the members opposed this motion; and it was consequently defeated. Sonny Weissman and Dean Tibbals both pointed out the serious implications of the policy.

A/S Robert Freund, the most ardent exponent of this restrictive policy, made, as his final gesture, a motion requiring that attendants of the dance club must be members of the ITSA.

This was so obviously a prejudiced and unfair idea that no one was even willing to second the motion after it had been made.

SONNY WEISSMAN recently stated that he thought *Technology News* was overly critical of the ITSA and student government in general. I do not believe that the paper has ever taken an attitude in opposition to student government or the ITSA. On the contrary, our criticism has not dealt with the body as a whole; but only with groups, who have, from time to time, in our opinion, not acted with the interests of the students. Our faith in student government should not be questioned; our right to pass judgement on individuals should not be critisized, as long as we have a free paper.

As evidence that we support the ITSA, a quotation from this column printed last week stated, "The ITSA has cooperated with the navy in offering their sponsorship." Two weeks ago, the first lines of our main editorial stated, "The ITSA should be commended on its action to re-publish the activities handbook for the student body." These excerpts certainly are not from a paper which opposes student government.

## Erickson Wins Award For Gas Turbine Paper

An original paper by A/S John Erickson entitled "Improving the Efficiency of Gas Turbine Cycles" won one of the special prizes presented at the ASME conference held at Northwestern University May 11. The paper was given by Erickson before representatives of seven leading universities of the middle west.

Seventy-seven students and five faculty members were present from the IIT chapter of the ASME. The faculty members were: Professors R. A. Budenholzer, honorary chairman; H. L. Nachman; George Martin; Daniel Roesch; and Robert Rose. Officers of the Illinois Tech chapter who contributed to the meeting were: A/S Robert Thurston, chairman; and Robert Noble; chairman of the program committee.

The next meeting of the branch will be held in 305 Main at 11 a.m. Friday. Mr. William Bodinus, an engineer for Carrier Corporation, will be the principal speaker.

## John D. Larkin Appointed New Dean at Lewis

### Succeeds C. L. Clarke Who Is Retiring After 17 Years Service at IIT

Dr. John Day Larkin has been appointed dean of Arts and Sciences, announced Linton E. Grinter, vice-president of Illinois Institute of Technology. Dr. Larkin is replacing Dr. C. L. Clarke, who is retiring. Dr. Ernest Walker has been acting dean during Dr. Clarke's absence, which has been due to illness.

Dr. Larkin recently returned to IIT after serving as vice-chairman of the Sixth Regional War Labor Board. He has been chairman of the Political and Social Science Department. Dr. Larkin was appointed to this position on the WLB on July 1, 1943, succeeding Dr. Dale Yoder of the University of Minnesota. Before the WLB was established, Larkin served as special mediation representative of the National War Labor Board.

A native of Tennessee, Larkin received his B.S. degree from Berea College, Berea, Ky. in 1923; his A.M. from the University of Chicago; and his Ph.D. from the Harvard School of Arts and Science, Harvard University. Before joining the Illinois Institute of Technology staff in 1937, he taught at Hamline University, St. Paul, Minnesota; the University of North Dakota; Harvard; and the College of the City of New York.

Dean Clarke came to Lewis Institute in 1928 as Professor of Education. In 1935 he was appointed dean of Lewis Institute. He received his Ph.B. from Alfred University in June, 1906, majoring in philosophy and psychology. A doctor's degree was awarded him by the University of Chicago in 1928.

## ASCE Hears Lecture On Chicago Bridges

"Bridges of Chicago" was the topic of an address given by Mr. D. N. Becker to the ASCE last Friday. Mr. Becker is the engineer of bridge design for the Department of Public Works of Chicago.

Introductory remarks concerned the history of bridges in the Chicago area. He then discussed many of the principles of rdesign involved in local bridges. The working and mechanisms of these bridges were then discussed. Mr. Becker also outlined the plans for construction of the new State Street brige.

Forrest Neil, newly elected president of the organization, presided at the business session and discussed the benefits of being an ASCE member for the information of new members.

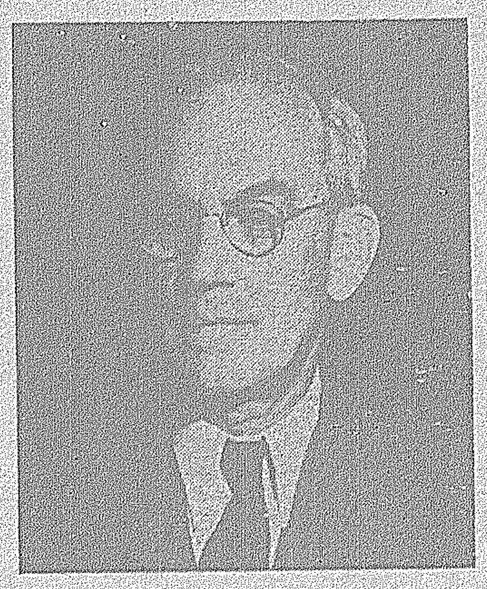
## Hobson Will Leave Soon For Meeting in Mexico

Dr. Jesse Hobson will leave Chicago May 29 for a 10 day trip to Mexico to attend steering committee meetings on the Mexican project. He also will discuss a conference proposed for next fall in Chicago to be attended by about 15 of Mexico's outstanding men in industry, banking, education, as well as American representatives in these fields.

Dr. Hobson will be accompanied by Henry T. Heald, president of IIT, Howard Holland, Harold Vagtborg and Chauncey Williams, all of whom are identified with plans for the fall conference. Williams is vice-president of the F. W. Dodge Corp. and has been appointed to the foundation staff as industrial consultant.

# Building to Start Soon

### *Retiring Lewis Dean*



C. L. Clarke

## New Band For Spring Swing

Del Rene's orchestra will be featured at the "Spring Swing." Due to an unfortunate misunderstanding, Roy Milton's band will be unable to appear, as previously announced by Frank Groman.

The "Spring Swing" will be the first freshman sponsored dance of the semester. The dance will be held in the Tropical Room of the Continental Hotel, 505 N. Michigan on May 25 from 9:00 to 12:00. It will be informal, and is open to members of all classes. Souvenir bids will be presented to couples attending.

Tickets can be purchased Tuesday and Thursday 12:00 to 1:00, and Wednesday and Friday, 11:00 to 2:00 in the lobby of the Student Union at $3.00. They also can be bought from Frank Groman, Ernest Hamilton, Charles Smith or Marvin Brown and the Lewis freshman class officers.

## Fewer Cigarettes Will Go to V-12er's

The cigarette allotment for Navy trainees will be cut to six packs a week July 1, announced Lt. A. W. Blake, executive officer, today.

Because of increased shipment of cigarettes overseas, the allotment of cigarettes to all servicemen will be reduced two packs a week he stated.

No change in the procedure for purchasing cigarettes is contemplated.

## *Action to Be Taken On Non-Members Discussed by ITSA*

A discussion on the participation on no-ITSA member Navy trainees in student activities was the main topic of discussion at the ITSA meeting held last Wednesday.

This topic was brought up because of the fact that only one-half of the Navy students volunteered to pay the one dollar activity fee. A motion was introduced to ban all non-ITSA trainees from current student activities but was defeated by a majority vote.

Comments were made to the effect that many of the students who are active in ITSA sponsored activities should be required to hold membership cards in their sponsoring body and that some means should be inaugarated to inform the men of benefits received from membership.

It is indicated that ITSA membership for participation in student government sponsored activities will be required as of next term.

## End of National ESMWT Discussed

A regional meeting of the ESMWT will be held Friday to discuss the procedure to be followed for the termination and liquidation of the national program, according to Henry T. Heald, regional advisor of the ESMWT and president of Illinois Tech.

The meeting will be attended by Professor Stanton E. Winston, institute representative, as well as the representatives of the eight other schools in the region which are participating in the ESMWT program.

## IAeS to Sponsor Essay Contest on Aeronautics

It was announced at the meeting be an IAeS, Friday, that there will be an essay contest dealing with the subject of aeronautics. The essays will be presented to a group of judges who will select the best three. First prize is a two year membership in the technical society of the IAeS after graduation.

Al Spooner, head of the curriculum committee, gave a report on courses which would be desirable. The possilility of having a straight course in Aeronautical Engineering was discussed. It is felt that this would be a necessary post war step.

## *Eta Kappa Nu Pledges*

JUICERS—The honorary electrical engineering fraternity pledged (left to right): A/S Alan Grant, A/S Sheldon Levy, and A/S Howard Poulter.

## IIT Will Cover 9 Block Area

### Program Will Begin on Steel Priorities O.K.

Construction will start on the new $10,000,000 campus and building program for Illinois Institute of Technology, part of the $13,200,000 ten-year plan which was recently announced by Dr. Henry T. Heald, president, as soon as steel priorities can be obtained, Dr. Heald said today.

This program, which will eventually encompass the entire district from 31st to 35th street, and from Michigan avenue to the New York Central tracks, is designed to provide the finest available facilities for study, recreation and residence to the students at the Institute, he added.

Architectural plans have been prepared and sufficient funds are on hand to start the buildings. The Institute already holds a large proportion of the territory included.

Two small units have already been built, the $200,000 Metals Research Building and approximatkly one-quarter of the $700,000 Engineering Research Building. Priorities on steel for these were made possible because of the direct contribution to the war effort which research, housed in these buildings, was to make.

A new research project for the Navy has now been approved and application has been made for priorities which, if granted, will result in immediate enlargement of the Engineering Research Building.

The only development east of State Street which has definite plans laid as yet is that of a system of dormitories. Budgeted for this is $1,200,000 with the plans calling for interlocking units.

Inclusjon of the dormitory feature is a new step for the south side campus of Illinois Tech. A dormitory for women is at present being occupied by students on Illinois Tech's west campus at Damen and Madison, but living facilities have never been provided for engineers on the present south campus at 33rd and Federal streets.

Another new feature provided will be sport facilities equal to those of any other institution in the area. Both a $650,000 fieldhouse and a

(See BUILDING on Page 5)

## Honor Board Absolves Student of Cheating

Last week the Honor Board tried the case of a student who had been turned in by his professor for cheating on an exam. The student claimed that the paper found in his blue book had on it only a practice problem which he had done the night before and that it had been left in his book by accident. Futhermore, the problem was found to have no connection with any problem on the exam. In view of these facts the Board was inclined to accept the student's story and released him with a stiff reprimand and warning.

## Diesel Engineering Course Held Every Friday at IIT

A special course in Diesel Engineering is being offered this semester by the M.E. Department to members of the Public Service Company of Northern Illinois. The course being given will last eight weeks and classes will meet every Friday. This course will be the second such course given at I.I.T.

# TECHNOLOGY NEWS

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## Quiz Files Suggested

Psychologists tell us that there are two major types of tests: intelligence and achievement. The latter type is for use in determining the amount of knowledge a person has absorbed. It is generally agreed that this is the type that should be used by instructors in testing students on a particular subject.

If the test is to cover specific ground, there can be little objection to allowing students to see previous examinations. This could be facilitated by filing one copy of every final in the library or any other convenient place after the test has been given.

At present, certain students have access to exams while others do not. This results in a very inequitable situation which could be relieved if an open file was kept under the supervision of the school.

A file which would be complete would be a valuable aid to the students. It would serve to show them the parts of the course which the instructors think important and stress on quizzes. They could then emphasize these portions in their study.

Many large universities have followed this policy with satisfactory results. It does not seem unreasonable to say that IIT might try this with similar results.

## Honorary Hazing

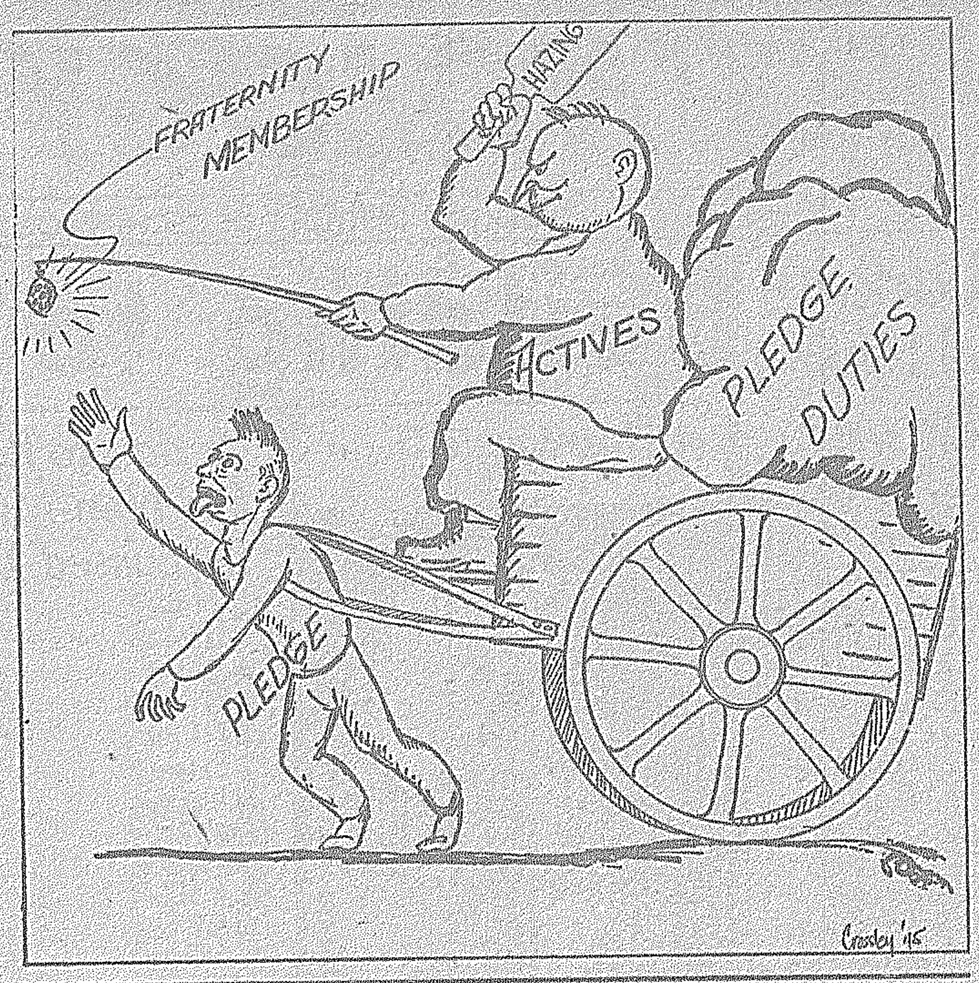
Why is it that some of the honorary fraternities at Illinois Tech have been hazing while other honoraries do not. One would ordinarily think of an honorary as a matured organization whose memberships are awarded to those who have shown outstanding ability in their line of study. Yet, one doubts this after the treatment the pledges receive.

Hazing might be the proper treatment for freshman pledging into a social fraternity, but an honorary is an adult organization. The pledges should be treated as men. There is no reason why these few organizations should follow the policy of the social fraternities.

Whether or not their constitution calls for hazing, men of such a high caliber should realize this and institution for learning and not a place where ruffians meet. The active members can always say they were treated in the same manner when they were pledges, but this is not reason enough.

It is a good thing there are several fraternities on the campus that don't practice this policy. These can really be respected for treating their new members as men.

## Time To Throw Away Excess Baggage




*Man Of The Week*

## W. Parisoli, Chem. Eng. Major, To Work on Doctorate in July

It has been said that travel is educational; this being true, William Parisoli, senior chemical engineer, began his education at the age of two while making a tour of Europe with his mother. He continued his education in Chicago elementary schools and then at Steinmetz High School, where he enrolled in the ROTC and became personel officer of a regiment.

Upon his graduation from Steinmetz, Bill enrolled at IIT. He was pledged to Alpha Chi Sigma, professional chemical fraternity, of which he served as master of ceremonies during the first semester of his senior year. He was a member of the American Institute of Chemical Engineers. Since his sophomore year, Bill has been a hard working member of the All School Social Committee. He has belonged to the rifle team and to the radio club.

In support of Bill's enthusiasm for acquiring education is the fact that he has been accepted for admittance to Massachusetts Institute of Technology to begin his study for the doctorate. Bill has obtained an average of 2.2, and says he will waste no time in reporting to MIT in July.

Throughout his scholastic career he has spent most of his time working at his studies, altho he used to collect old rare coins as a hobby and at present, is very fond of relics and curios. He hopes to be able to expand his collection and make it his hobby. Bill is quite serious concerning his education, and says there will be no wedding bells for him at least until he has earned his doctor's degree.

—HOMER SNOW

## ... Techman Talking

**Henry McGreer, Instructor in Electrical Engineering**

*In August 1941, I was "on shift" as an operator in the Swan Falls Hydroelectric plant on the Snake River in Idaho when I came across an announcement, couched in properly dignified academic terms, that assistantships in the Electrical Engineering Department at IIT were available. Since I was in need of further education, a rapid exchange of letters and telegrams ensued and early September found us (my wife and I) on our way to Chicago, leaving the scenic grandeur and climatic preeminence of Idaho behind us. Admittedly, I knew little of IIT except that its engineering departments bore the stamp of approval of the ECPD.*

*On my first day at IIT I was to experience two shocks—first, the outward appearance (it was much worse then) and second, the youth of its spirit.*

*The determination to go forward has not been daunted by the condition of the neighboring property, nor the age of the campus buildings, nor the necessity of carrying on activities in widely scattered locations. Those were things that could be changed by hard work and perseverance. In spite of the war, progress has been steadily made. Shabby old buildings have been torn down, trees and shrubbery planted, new buildings erected, laboratories renovated, difficult war duties sought after and completed, the Research Foundation expanded to national fame, plans for an improved curricula made for normal times. No wonder, then, that my originally planned two years has lengthened to four; it is fun to be a part of a growing concern.*

*There is a reason for the new vitality at IIT. It stems from a new leadership dedicated to a principal, old as history, but long forgotten by many endowed colleges. A non-taxpayer-supported college, in order to find its place in the sun, must truly serve. With a leadership dedicated to that principle, a new life began to surge through the veins of IIT. The Research Foundation served well and flourished; the ESMWT supplied a much needed training program and grew to an extent undreamed of at its inception; a network calculator was proposed as a service to the power industry and was enthusiastically subscribed to by that industry. So it has been, so it will be.*

*Our goal, the new development program is a long way ahead, but now we are on our way. Much inertia has been overcome. The accelerating force is still there. The touchdown will be scored long before the whistle blows ending the ten-year period.*



## steam shovel

IT DIGS UP THE DIRT

I'm happy and priviledged to announce "Bashful Girl's Week." There are, I know, several bashful girls on the south campus. If you girls will contact the editor of this column, you will be given a course in how to rid yourself of bashfulness. Also, if any fellows on the campus are troubled by their bashful girl, just send in their names and phone numbers and everything will be taken care of.

The rain made the ground so soft that the shovel got stuck in the mud and muck. After heaving and hauling, I finally managed to remove the shovel from its precarious position. A wash and grease job, and it was just like new. So hang on for dear life folks—here we go.

**As told to A/S John Seegar and A/S Al Kukrul by four girls in a '42 Ford maroon convertible: "A/S John Harrington Schmidt may be president of the Dance Club, but he can't dance." Not knowing this, John considered Rosary College his oyster and proceeded to find the pearl. After surveying the girls (who naturally all wanted to dance with John from a lofty position (he towers so high), John approached his heart's delight and condescendingly remarked, "Well you look like you can dance." So the girl promptly proceeded to NOT swoon in his arms. Why? Because John kept her in an unswooning condition by treading on her toes and by informing her of all his major accomplishments; all during said dance. Quote the maidens, "Neverthemore."**

That line of CE 205 students waiting in the hall outside of Prof. J. C. Penn's office last Wednesday were not there to receive help in their homework. They were there to admire a feminine beauty. The girl who caused the commotion was Prof. Penn's daughter; five feet six and blond hair. Among those drooling were the following of Prof. Penn's CE 205 class: A/S John Seegar, Sol Yanof, Henry Hawrylewicz, A/S Al Kukral, A/S P. J. Rice and A/S Bill Newman. These industrious students now want to do their homework at Prof. Penn's home, under the watchful eye of their instructor.

**The senior stag even staggered R. J. McGuire. Poor Richard (and his almanac). He took one look at the stairs after the stag was over and—Result: Dick had to be carried down by four of the boys who were not so stagnant.**

The shrewdest story of the week concerns A/S Arnie Niemi. Niemi, believe it or not, has presented his class ring to the ever so popular June Cox. This is a very noble deed Arnie, except that several seamen would like to know what happened to the little Polish girl in Ohio? After all Arnie, Finns are supposed to know better than to be stuck with two women.

**The weekly shaft is again awarded to A/S Herb Schoen. Herb went out last Wednesday night and had eighteen beers. This was because he received a letter from Lorraine which started like this: "I see that water on your elbow doesn't stop you from having girls come up and help clean your apartment."**

It seems that Henry Levin, senior electrical, is in the doghouse as far as his fraternity brothers are concerned. "Lily White" Levin wrote a letter to Miss Ann Landers of the Chicago Sun explaining that his boys get more satisfaction from a pure platonic friendship with a nice young lady than do those who indulge in the popular pastime so common to parked cars. However the boys don't seem to share Levin's enthusiasm for the cultural side of feminine companionship. The situation was summed up admirably by a member who said, "Does he have to make his purity a fraternity policy just because his girl won't neck—grrrr.

I think I have caused enough damage for one week. So if you kind gentlemen will pardon me I shall crawl back into my hole for another week. I remain,

—MOLE

# campus COMMENTS

**LETTER OF THE WEEK:** **Ulcers and the Cafeteria**

The other day when I wa eating lunch in the cafeteria, the person sitting next to me found a bug crawling out of his sandwich. I would not have believed this if I had not seen it myself. A thing like this has spoiled my desire to eat in the cafeteria.

The fact that I have no desire to eat in the cafeteria is really not very new or different. I have even in the past been very reluctant about risking a good stomach to a bunch of food ruiners.

—"Ulcers."

## "Hope . . . for Women", Again

This is written in an attempt to clear up a misunderstanding created by a previous letter. The letter which I am am speaking of was the one concerning "Hope . . . for Women" printed in a previous issue of the *Technology News*.

Apparently the previous letter created the impression that the idea was to do away with the column "Hope . . . for Women." In seeming so it was considered to be discriminating against the women of IIT. These impressions were not meant at all.

My main purpose in submitting the previous letter was an attempt to better the paper and make it more popular. The elimination of the column was only to come about if it could not be made more interesting and enlightening. No one would read the "names and more names" printed in the column if it had no appeal to them.

I will agree that there are other parts of the newspaper which could be bettered, but one person can handle only one thing at a time. When this situation is cleared then and only then will I open up on another column. The only thing which would be accomplished by attacking all at once would be to have the letter thrown in the basket, which is really not an accomplishment at all.

In regards to the anonymity of letters in the "Letters to the Editor" column, it is a hard and fast rule of the *Technology News* office that all letters submitted for publication must be signed with the author's correct name. Then, if the editors choose to keep the authors anonymous that is their privilage and worry.

I am all for the unification of Lewis and Armour student bodies in spirit as well as by contract. However, it is no help toward this goal when the only things Armour students hear from Lewis are things which could not possibly be interesting even to Lewis students. I am a part time student at both Lewis and Armour.

—School Supporter.

# A Look At Alumni

The war might be over in Europe, but not everyone can get out and rejoice the way Americans did last week. Here's what Lt. S. L. Kontos writes from Italy.

"The country as a whole is in pretty bad shape—war torn and poor. The people are in rags, and in most cases have hardly enough to eat. Folks at home should be damn thankful they live in the U.S.A. where they haven't even felt the war. To see some of these towns, especially Mount Cassino, you can't help but wonder how anyone could have survived the bombings."

Lt. Charles Kill gives us a different picture of life in England and France. Chuck writes that the English countryside is still as beautiful as ever and people carry on, ignoring the war as much as possible. On the other hand, France is in very bad condition. The French peasants are suffering heavily from the food shortage which is aggrevated by the critical transportation problem.

News of Sigma Omicron Lambda alumni comes to us by way of Mrs. Marie Spencer, instructor in economics. It seems that about all the girls are doing nowadays is having babies, which, when considered from a philosophic viewpoint, isn't such a bad idea. Mary Ann Knirsch Spaulding had a bouncing baby boy on April 24. A month before her, Alder Karish Massman was the proud mama of a girl. Rose and Bob Tetick, both Lewis alumni, were also proud parents recently.

Wally Fulterer writes us that he met Red Gibbons recently at Camp Kilmer, N. J. Red returned to the United States suffering from a skull fracture during the German breakthru in December at Adrennes. However, he is well on the road to recovery.

2nd Lt. Milvin B. Chalfen, , B-24 Liberator co-pilot, has been awarded the Air Medal for "meritorious achievement in aerial flight while participating in sustained operational activity against the enemy." Melvin is in the Mediterranean Theater of Operations.

—EDWARD SHORE

# Hope . . for women

—HOPE IVERSON

**W.A.A.**

Last semester, a group of students started to organize a much needed Woman's Athletic Association. A constitution was written and accepted and now an election of officers has been held. Reva Zlotnick was elected president, Pat Kennedy vice-president, Virginia Norris secretary and Beverly McLean treasurer. The first thing the girls plan to do is to figure a method of awarding school letters that will somehow correspond with the awarding of team letters. A committee, made up of four of the members, has started to work on this problem.

The new president, Reva Zlotnick said, "We want to have this thing so well organized that when the girls come back in the fall, there will be a free-hour for meetings and sports events. There will also be a new woman's physical education instructor."

**Dude Ranch Party**

I honestly believe every student and most of the instructors at Lewis were dead tired at the recent barn dance. If any o fyou have ever barn-danced,you know the reason. For two straight hours, faculty and students really threw themselves into it. Not too many were familiar with it at the beginnng of the party, but at the end they were and mighty glad they had learned how.

In the three years I have been around here, it was the most successful and well supported affair here. From the comments I heard it won't be the last. Dr. John Dolce, physical education instructor, is one of the best barn dance callers in the city, and it really is a shame that the students didn't realize the opportunity they were missng when they failed to sponsor more of these parties. Mr. Dolce, with the help of some of his gym students, put on the party.

**Brief Biography**

Constance Arrington Jones—senior—home economics major—senior class treasurer—Home Economics Club—Kiva—Glee Club—after finishing college plans to devote her time to her year old daughter.

**Red Cross**

Two weeks ago a poll was held as to whether the temporary officers of the College Unit should be retained or an election should be held. It was decided that the temporary officers would continue in their respective positions. In a short time the Council will meet with Miss Margot Atkins, director of community service of the Red Cross, and will try to plan exactly what is possible for the girls to do for the Red Cross. There are about twelve different service units the girls could go into, such as Nurses Aide, Motor Corps, Grey Ladies, etc. So far, there have been a few eliminated as possibilities for the entire group, but there are still many other things they can do.

**Poem**

"No one worth possessing
Can be quite possessed;
Lay that on your heart,
My young angry dear;
This truth, this hard and precious stone,
Lay it on your hot cheek,
Let it hide your tear.
Hold it like a crystal
When you're all alone
And gaze in the depths of the icy stone
Long, look long and you will be blessed;
No one worth possessing
Can be quite possessed.

—Vachel Lindsay.

# Alumni Notes

DAVID PHILLIPS was elected valedictorian of his grammer school class. . .RONALD BORN won first place on Rubin's Amateur Hour doing imitations. . .DR. S. I. HAYAKAWA's hobby is jazz and swing music while PROFESSOR V. CHAMBERLAIN collects qld money. . .The SAM social fraternity has been on this campus since 1922 and recently celebrated its 23rd birthday. . . DR. LEWIS T. RADER, chairman of the electrical engineering department, has a B.S. degree in EE from the University of British Columbia. . .DR. E. WAGENKNECHT, English professor writes literary reviews for the Chicago Sunday Tribune. . . A/S ROBERT DEBOO is following a family tradition in graduating from IIT this June; three brothers preceeded him. . .A/S JONA COHN was captain of his Chicago high school tennis team. . .DR. D. P. BODER of the west side campus has a family of doctors; his wife is a D.D. and his daughter an M.D.

# SLIP STICK

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

This column is dedicated to considerate people; like the woman who shot her husband with a bow and arrow so she wouldn't wake the children.

He (on the telephone): Hello dear. How about us having dinner together this evening?"

She: "I would love it."

He: "Well, tell your mother I'll be over about seven o'clock."

—IIT—

"Old Doc Curem has given his young wife two days to live."

"Is that so?"

"Yeah, he went out of town for a couple of days."

—IIT—

One Siamese twin to another: "You must have had a swell time last night, I look like a wreck today."

—IIT—

Girl (to boy friend reading to her from a book): "Didn't you skip something between, 'he took her in his arms' and, 'the morning cast a rosy glow'?"

—IIT—

And then of course, there was the optician's daughter. Two glasses and she made a spectacle of herself.

—IIT—

He: "I'd go through fire for you."

She: "What a silly ash you'd be.

—IIT—

With graceful feet, a maiden sweet
Was tripping the light fantastic,
When suddenly she tore for the dressing room door—
You can't trust this wartime elastic.

—IIT—

"At any rate," said the auctioneer, "mine is a business that a woman can't take up."

"Nonsense," put in the strong-minded lady.

"A woman would make quite as good an auctioneer as any man."

"Well, you try and imagine an unmarried lady standing up before a crowd and saying, 'Now gentlemen, all I want is an offer'."

—IIT—

And then there was the attorney who sat up all night trying to break a widow's will.

—IIT—

"Not all babies wake up in the wee-wee hours of the morning."

—IIT—

Jane: "They say a kiss shortens one's life three minutes."

Gob: "How about killing off a few days, babe?"

—IIT—

Some men reform; others just grow too old to act up.

—IIT—

Beneath this rock lies Murphy,
They buried him today.
He was living the life of Reilly
While Reilly was away.

—IIT—

Some men reform; others just grow too old to act up.

# V-12 VETS

On October 13, 1942, Thomas L. Bills enlisted in the Seabees. Upon enlistment, he was given a carpenters 3rd class rating and was sent to Camp Perry, Virginia, for his boot training. He remained here only a month, and his work consisted mostly of building barracks.

Skinhead, or Flattop, as his fellow seamen call him, was next sent to Port Heenerne. However, he remained here only a month before his station was changed. This time Thomas was assigned to the fighting 44th battallion and sent overseas.

The battallion went to Espereto in a cargo ship, and their trip lasted eighteen days. The work at Espereto consisted of building docks, airstrips and hospitals. They had air raids about once a month.

While on board ship he was initiated into the shell backs. They shaved his head as part of the initiation. He is also a member of the Royal Order of Green Backs.

While at Espereto, he took the V-12 examination with 150 other sailors. He was sent back to the states on a liberty ship which took twenty-eight days to make the trip. Their ship was attacked by a submarine, but the sub was later driven off by destroyer escorts.

Tom landed at San Diego where he met John Jackson Scott, and they have been together ever since. After a thirty day leave, he was transferred to George Williams College.

While a civilian he worked for his father helping him in construction work. Thomas also went to the University of Illinois for one year where he majored in civil engineering. He played freshman football.

Upon graduating from IIT Thomas expects to go back with the Seabees. He is in Quarters #6 and is majoring in mechanical engineering.

Thomas L. Bills holds the American and Pacific Theater of War ribbons with one star.

"Who was that cute girl you were talking to so long?"

"Oh, just an old girl friend."

"What did she have to say?"

"No!"

—IIT—

A rude and vulgar man is one who stares at a girl's firuge when she's doing her best to display it.

—IIT—

They say when two is company, three is the result.

—99 44/100 PER CENT PURE

# THIS COLLEGIATE WORLD

If any of you fellows are looking for a date for the Navy Ball, there's a slick chick who resides at Blair House, Washington, D.C. Herman R. Meyer, a student in the school of speech at Northwestern University, made a bet with a fellow student that he would ask President Truman's daughter for a date. While in Washington a few weeks ago, Bob walked up to the guards at Blair House, the President's current residence and told them he was a friend of the daughter. A voice called from the library, "I'll see him, Jim," and Bob found himself talking to Mr. Truman, who explained that Mary Margaret was at a week-end party. Bob didn't get the date, but NU students think he deserves an "E" for Effort.

The following notice appeared in "The Stute", campus publication of the Stevens Institute of Technology, N.J.

"All Stevens men are cautioned to be on the lookout for stray dogs, as a case of rabies has been reported recently. Through the efforts of Professor Fife, this danger has been fairly well eliminated from the campus. All freshmen are requested to wear muzzles."

It becomes encouraging when one finds that at least someone appreciates what we write in *Technology News*. Thanks to the Wilson College Press for their acknowledgement of our "100 Proof" April Fool edition.

Harvard University technicians have developed a diesel motor that runs on melted butter. . . . In the old days at Lincoln Memorial University, each student was assigned a chair, which he carried with him to class, chapel, dinner, etc.

—EDWARD SHORE

# Tech Thinclads Lose 68½-62½

## Hankins High Points in Defeat to Lawrence

Illinois Tech trackmen lost to Lawrence College, Appleton, Wisconsin by a score of 68½ to 62½. Norm Hankins again led Tech scorers with a total of 19¼ points in placing first in the high jump event, the 100 and 220 yard dashes and tying for first in the pole vault. In running the 220 yard event, Norm shattered the previous Tech record of :22.1 with a fast :21.9. He also broke the high jump record with a leap of 5 feet 11 inches.

Waldemar Karkow of Lawrence placed first in both the mile and two mile events. The Tech relay team took top honors in this event in 1:36.1. Dick Papps won the broad jump with a leap of 20 feet 11¼ inches, placed second in the 220 yard low hurdles and third in the 120 yard high hurdles. Co-Captain Bob Thurston ran the 880 yard event in :20.4.

880 YARD RELAY—Won by Illinois Tech. Time 1:36.1.

120 YARD HIGH HURDLES—Won by Clark, Lawrence; Buelow, Lawrence, second; Papps, Illinois Tech, third. Time, :17.

100 YARD DASH—Won by Hankins, Illinois Tech; White, Lawrence, second; Flom, Lawrence, third. Time, :10.

MILE RUN—Won by Karkow, Lawrence; Finger, Illinois Tech, second; Lindahl, Illinois Tech, third. Time, 4:43.8.

440 YARD DASH—Won by Flom, Lawrence; Hammach, Illinois Tech, second; McDonald, Lawrence, third. Time, :52.1

220 YARD DASH—Won by Hankins, Illinois Tech; Flom, Lawrence, second; White, Lawrence, third. Time, :21.9.

220 YARD LOW HURDLES—Won by Clark, Lawrence; Papps, Illinois Tech, second; Anschicks, Illinois Tech, third. Time, :26.9.

880 YARD RUN—Won by Thurston, Illinois Tech; McDonald, Lawrence, second; Hodson, Lawrence, third. Time, 2:04.

2 MILE RUN—Won by Karkow, Lawrence; Finger, Illinois Tech, second; Dedson, Lawrence, third. Time 10:50.

HIGH JUMP—Won by Hankins, Illinois Tech; White, Lawrence, second; Hoffman, Illinois Tech, third. Height, 5 feet 11 inches.

BROAD JUMP—Won by Papps, Illinois Tech; Clark, Lawrence, second; Grable, Illinois Tech, third. Distance, 20 feet 11¼ inches.

POLE VAULT—Hankins, Illinois Tech and Ludeman, Lawrence—tied for first; Thatcher, Lawrence, third. Height, 11 feet 3 inches.

JAVELIN—Won by Ludeman, Lawrence; Ezzell, Illinois Tech, second; Able, Lawrence, third. Distance—176 feet.

DISCUS—Won by Ludeman, Lawrence; Nelson, Lawrence, second; Ezzell, Illinois Tech and Able, Lawrence, tied for third. Distance, 121 feet.

Baseball Averages

| | | | |
|---|---|---|---|
| Bushelle | 6 | 4 | .668 |
| Murphy | 22 | 10 | .453 |
| Pyzik | 20 | 8 | .400 |
| Kravolec | 6 | 2 | .333 |
| O'Geary | 23 | 8 | .288 |
| Crowley | 14 | 4 | .286 |
| Krawczak | 21 | 6 | .286 |
| Fanselow | 5 | 1 | .200 |
| Stidham | 10 | 2 | .200 |
| Holstrom | 11 | 2 | .182 |
| Evers | 18 | 3 | .167 |
| Maciej'ski | 18 | 3 | .167 |
| Fenton | 1 | 0 | .000 |
| Hauser | 21 | 3 | .143 |

# Ill. Tech Vets Will Meet to Plan Party

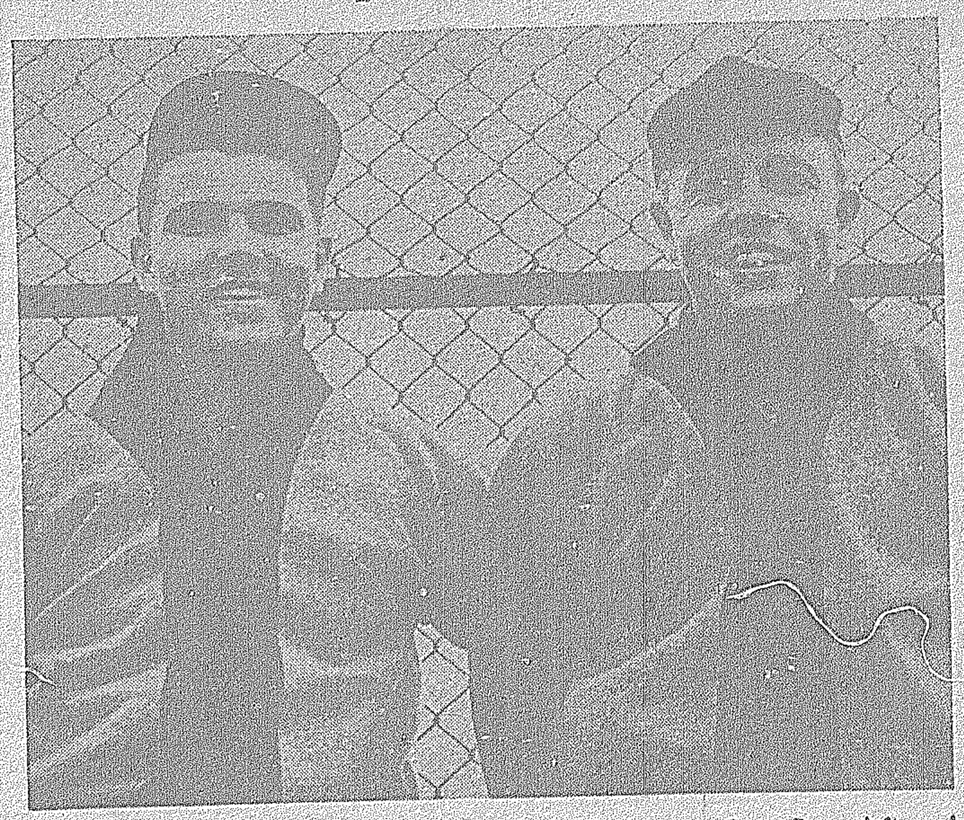
The Illinois Tech Vets will hold a special meeting at 5:00 p.m. on Wednesday, May 23rd in 198 Chapin to arrange details for "a good fellowship party." Bernard Karsh, president, asked that all vets interested in the party bring their criticisms and suggestions to the meeting. The good fellowship party will be held during the first week in June, but the exact date and place has not yet been decided.

In order to facilitate the arrangements and because the club is without the service of a secretary for the present, Jacob Kramer has been appointed secretary protem.

## IIT Buys Microphotometer

An instrument used for recording spectrum line densities will soon became a part of the physics department equipment. It is known as a Knorr-Albers Microphotometer, costing $3800. The purpose of the instrument is to scan line spectrum on plates or films. The apparatus is one of the fastest and most convenient instruments for quantitative spectrographic analysis.

## *Baseball Co-Captains*



BALLPLAYERS—The co-captains of the 1945 baseball team are Gene Evers, left, and Ray Murphy.

# *Pledges to Honor I Expound on Stellar Athletic Qualities*

As one of the duties of Honor I pledges, these men wrote themes stating just how good they were. Exerpts are printed below by popular request.

* * *

"Upon being pledged to this honor stupendous organization, Honorable I, I was asked to tell you just how good I am. I think it is rather foolish to do this since all you have to do is ask anyone of my thousands of fans.

"Naturally upon graduation from high school, I had quite a number of offers from large schools as Illinois, Michigan, Purdue, and Illinois Institute of Wisdom and Learning, but not of athletics. I chose the latter because of its outstanding record, its beautiful downtown campus in the middle of the brown district." . . . A/S Gene Evers.

* * *

"I was the only member of the whole squad, game in and game out, who consistantly kept up the same scoring pace. I did not shine one game and then take a backseat the next game as my fellow pledge, Grable and his friend did. No, it was consistency that won me my major letter, and was I a glory boy—I should say not, for many times my name did not even appear in the box score.

"You know, I can just picture Grampa Weissman in the year 1990 sitting in front of a fire place with all his grandchildren around him, silently rocking back and forth and smiling gazing at his outstretched hand lying on his lap, palm upward. A light will come to his eyes and calling his grandchildren closer to him, he'll say, 'Children, we are gazing at the hand, the hand that swatted the back of the great Julin Byron Fanselow'." . . . A/S Byron Fanselow.

INTRAMURAL SOFTBALL SCHEDULE

Monday—5–6 p.m.
Senior Electricals vs. Soph Bums
East Field—North Diamond
Eager Beavers vs. Junior Outcasts
East Field—South Diamond
Tuesday—5–6 p.m.
Quarters #1 vs. Senior Mechs
East Field—North Diamond
Senior Chems vs. Quarters #5
East Field—South Diamond
Wednesday—11 a.m.
Arx vs. Soph FO's
West FField
5–6 p.m.
Eager Beavers vs Quarters #1
East Field—North Diamond
Soph Bums vs Jr. Outcasts
East Field—South Diamond
Friday 5-6 p.m.
Senior Mechs vs. Senior Chems
East Field—South Diamond
Arx vs. Quarters #5
East Field—North Diamond

# Murphy and Evers Star for Techawks

The two standouts of the current Techawk baseball squad are the co-captains Ray Murphy and Gene Evers. Ray hails from Hamilton, Ohio, where he starred in all sports while at Greenhills High School. After graduating in 1940, Ray worked prior to enlisting in the Navy, where he spent an enjoyable 16 months as a machinist mate 3/c. The Navy sent him to Purdue University where Ray found time to earn a major letter playing baseball. After two semesters, he was sent to Geo. Williams and thence to Armour. His hitting and ground covering ability in center field has won the admiration of the opposition as well as his fellow players. He pitched for the Match Corporation Team last summer and was instrumental in his team's accomplishment of annexing the Chicago Championship.

Gene Evers prepped at Collinsville Township High School in Collinsville, Illinois. Another 3 sport man while at high school, Gene participated in football, basketball, and baseball. He was a member of the Southwestern Conference Championship basketball team which annexed the basketball team which annexed the ship in 1942-43. Upon graduation in '43 Gene went to George Williams via V-12, where he participated in basketball and baseball. From there he came to IIT. Gene played summer baseball and was a standout pitcher.

# Illinois Tech Baseball Squad Defeats Shore Patrol Nine, 9-0

## Evers Allows 5 Hits for Third Win; Stidham and O'Geary Leading Tech Batters

Unleashing a 14 hit assault on 3 opposing pitchers, Illinois Tech defeated the Naval Armory Shore Patrol team by a score of 9 to 0 last Saturday at Ogden Field. Gene Evers went all the way for Tech and allowed but 5 hits and 2 walks. He also connected for two of Tech's hits.

In the last half of the 1st, 3 runs were scored on an out by Pyzik, two successive safe blows by O'Geary and Maciejewski, a base on balls by Murphy, an infield out, and a single by Holstrom. Each team committed 1 misplay. Leading hitters for the Techawks were Mel Stidham, getting 2 hits in 3 times at bat, and Dennis O'Geary, who hit safely 3 times in 5 trips to the plate.

Next Saturday the team will travel to Kalamazoo, Michigan where they will play Western Michigan. They are out to avenge an 8 to 0 defeat administered by W. Michigan two weeks ago.

The game between the Regulars and Irregulars which was postponed due to rain will take place on Tuesday.

Smooth

| Shore Patrol | AB | R | H | Illinois Tech | AB | R | H |
|---|---|---|---|---|---|---|---|
| Letwinski, cf | 3 | 0 | 0 | Pyzik, 2b | 4 | 1 | 1 |
| Stran, 2b | 4 | 0 | 1 | Fanselow, 2b | 1 | 0 | 0 |
| Ellis, 1b | 4 | 0 | 2 | O'Geary, 1b | 5 | 2 | 3 |
| Marek, c | 3 | 0 | 0 | Mac'j'wski, lf | 5 | 1 | 1 |
| Richine, ss | 3 | 0 | 0 | Murphy, cf | 3 | 1 | 1 |
| Norbot, 3b | 3 | 0 | 0 | Hauser, rf | 3 | 0 | 0 |
| Alwurth, 3b | 0 | 0 | 0 | Bushelle, rf | 1 | 0 | 0 |
| Borden, lf | 2 | 0 | 0 | Holstrom, 3b | 4 | 0 | 2 |
| Begin, lf | 1 | 0 | 0 | Crowley, ss | 4 | 1 | 1 |
| Kolowski, rf | 3 | 0 | 1 | Stidham, c | 3 | 2 | 2 |
| Burchers, p | 1 | 0 | 0 | Lichtman, c | 1 | 0 | 1 |
| Donovan, p | 1 | 0 | 1 | Evers, p | 3 | 0 | 2 |
| Everitt, p | 1 | 0 | 0 | | | | |
| Totals | 29 | 0 | 5 | Totals | 37 | 9 | 14 |

Shore Patrol— 000 000 000—0
Illinois Tech— 330 002 01 —9

Runs batted in: Illinois Tech—Pyzik, O'Geary (3), Maciejewski, Holstrom (2), Stidham.

# Senior Mechs Best House 5

Staving off a late rally, the Senior Mechs, last year's champions, emerged victorious over the Quarters #5 aggregate by a score of six to four. Held to one hit for the first five innings, Quarters #5 unleased a two run assult in the last of the sixth and scored two more runs in the last of the seventh. With two out, two men on base in the last half of the seventh, Tom Kilgariff, the Mech pitcher, forced Dan Bodor to pop up, thus ending the game. Jack Gustafson, hurling for Quarters #5, settled down after four innings and pitched good ball for the remainder of the game. He was supported by some neat fielding on the part of Ed Bald and Vic Miezkowski. Leading hitters for the Mechs were Ned Grable, Tom Kilgariff, and Mike Vogt, who connected for two hits in four trips to the plate.

In the only other game played this week, the Senior Chem battery of Kaz Horita and Alan Gaynor proved too much for the Arx, and so the Chems triumphed eight to two. It was the Chems all the way through, with Jack Hammack and Ed Schasel paving the way.

Jack Gronau, Arx short stop, led the hitters with two hits in three trips to the plate. Losing pitcher was Nick Pillola.

Rain caused the cancellation of the other games this week, but the same schedule, with the exception of Friday's games, will be followed.

Team Standings, with Friday's games included, are as follows:

| TEAM | WON | LOST |
|---|---|---|
| Senior Chems | 2 | 0 |
| Senior Mechs | 2 | 0 |
| Arx | 2 | 1 |
| Quarters #5 | 1 | 1 |
| Eager Beavers | 1 | 1 |
| Soph FO's | 1 | 1 |
| Junior Outcasts | 0 | 0 |
| Quarters | 0 | 0 |
| Senior Elect. | 0 | 0 |
| Soph Bums | 0 | 0 |

# Tech Netters Defeat Beloit Squad 6 to 0

The Techawk tennis squad won its third straight triumph with a sweeping 6 to 0 victory over Beloit. This was a revenge game as the Beloit team had previously defeated the netmen 4 to 2. Jerry Evert and Mike Vogt teamed to win a 6-2, 6-0 doubles victory. Dave Afton remained undefeated in season competition by defeating Herb Peterson 6-4, 6-2.

RESULTS:

Singles

Jerry Evert (IIT) defeated John Erickson, Beloit, 6-4, 6-2.

Dave Afton (IIT) defeated Herb Peterson, Beloit, 6-4, 6-2.

Mike Vogt (IIT) defeated Ed Alcan, Beloit, 6-0, 6-2.

Bill Cannon (IIT) defeated Al Schneider, Beloit, 6-0, 6-2.

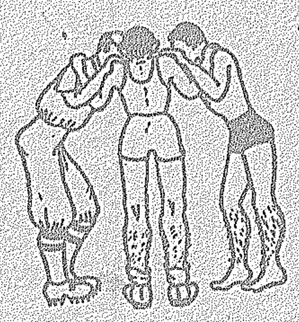
Doubles

Evert-Vogt defeated Erickson-Alcan, 6-2, 6-0.

Afton-Cannon defeated Peterson-Schneider, 6-2, 6-3.

# IM Golf Tourney To Start Sunday

With 21 entries already received Norm Schmitz has announced that the intramural golf tourney will begin this Sunday. All entrants are asked to see Schmitz so that a convenient course might be selected.



# the SPORTS HUDDLE

By H. Pyre

Elaborate plans for the new IIT are well under way and the only obstacle seen is the difficulty obtaining of priorities for materials. The prospects of a $650,000 fieldhouse and a $450,000 gymnasium sure appear great. The baseball and rack teams will be able to get a head start in shaping up, and this should improve the calibre of sports at IIT. No longer will the track and tennis teams be forced to use the University of Chicago fieldhouse. The basketball and swimming teams will not have to practice at Valentine Boys Club.

This will, no doubt, put IIT on a par with the larger colleges and universities. When the Tech baseball squad has a home game, they have to apologize for their short right field and other handicaps. This is the old IIT. We look to the future with much enthusiasm.

* * *

It appears that the Senior teams are out to do or die in the intramural softball tourney as usual. The Chems and the Mechs are currently leading the race for the honors. In response to numerous questions concerning the tournament playoffs, the first four teams will play a round robin at the close of the schedule. In the current schedule, two defeats will automatically eliminate a team from further play.

Some teams are being asked to play twice or even three times a week so that the tourney will go along as rapidly as possible. Three weeks have already been lost due to bad weather; and therefore, in order that playoffs will not come at the same time as finals, the accelerated schedule is a necessity.

* * *

The number of entries for the coming golf tournament that Norm Schmitz has received this past week is surprising. This will make the here-to-fore proposed plan a reality.

## 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, May 21
Theta Xi, 5:00 p.m., 105C
ICVF, 5:00 p.m., SU
TUESDAY, May 22
IFC, 5:00 pm., Chapin
WEDNESDAY, May 23
Math Club, 11:00 a.m., 111C
Beta Omega Nu, 8:30 p.m., Three Deuces
SUBC, 5:00 p.m., Weissman's Office
FRIDAY, May 25
Movies, ACS-AXE, 11:00 a.m., AH
ASME, 11:00 a.m., 305M
Physics Club, 11:00 a.m., 313P
Senior Class, 11:00 a.m., 217C

# Summer Term Courses Added

Courses which were to have been offered in the summer term of the ESMWT program have been incorporated into the summer night school session at the west campus, according to H. P. Dutton, dean of the evening school.

This summer evening school will be in session from June 7 to September 18. Registration will be held May 31, June 1, 4 and 5.

Among the courses selected from the War Training Program to be included in the summer school program are: electrical engineering, chemical engineering, metallurgy, and plastics. Some of these courses will carry college credit, and tuition will be the same as for the regular school semester.

In addition to these courses at the west campus, the regular evening summer school classes will be held on the south campus. These classes have been condensed to an eight week session to begin July 5 and end August 31. Registration for these classes will be at Armour, June 28 and June 29.

Classes will meet Monday, Wednesday, and Friday evenings to give full time for each class. The condensation of this summer school program will serve to bring the fall evening semester in line with the schedule of other schools giving evening classes. For both schools, fall semester evening school will begin September 24.

## Initiation and Dinner Dance Planned By Alpha Chi Sigma

Alpha Chi Sigma, professional chemical fraternity, laid plans at a meeting last Thursday for informal and formal initiation and a dinner dance. The date set for the formal initiation is June 10. The dinner dance will be held in the Tavern Room of the Bismark Hotel on May 26.

## BUILDING

(Continued from Page 1)

$450,000 gymnasium are included in the development program, providing complete facilities for all intercollegiate sports with the exception of football.

Track, baseball and tennis will be provided for in an open field, with indoor track, basketball, boxing, wrestling and other segments of the indoor program taken care of by the fieldhouse and gymnasium. A special natatorium is included in the gymnasium with facilities for intercollegiate swimming meets as well as for individual instruction and intramural activities.

The new campus development, when completed, will bring together for the first time the various units in Illinois Tech's organization. In addition to the south campus at 33rd and Federal streets, and the west campus at Madison and Damen, the Institute has also housed its school of architecture in the Art Institute at Michigan and Adams.

The new campus, however, provides for housing the Institute of Arts and Science and the College of Engineering, Illinois Institute of Technology's two educational divisions, as well as Illinois Tech's Armour Research Foundation and the Institute of Gas Technology, in the area bounded by 31st and 35th streets, and Michigan Avenue and the New York Central tracks.

All of the buildings have been designed in the best modern functional style by Ludwig Mies van der Rohe, professor and director of the architectural curriculum at Illinois Tech.

Professor van der Rohe is recognized as one of the outstanding authorities on modern architectural design. He has been associated with Illinois Tech since 1938 and it was under his direction that the buildings now completed have been constructed. The firm of Holabird and Root are associate architects.

## *Band Leader*

DEL RENE—The leader of the orchestra which will play at the Spring Swing on May 25.

## AIEE Plans Picnic, Membership Drive

The student chapter of the AIEE is planning to hold a picnic on June 10. A committee has been chosen and will meet Wednesday at 11 a.m. in 105 Chapin to choose the place and decide whether the picnic will be a date or stag affair. The committee is composed of the following men: William Rivken, chairman; A/S Edward A. Martin; A/S William Bachtel; A/S Tom Ashworth; Frank Janik; A/S Fred Fitchey; A/S William Wilt; and A/S Jim Brophy.

A new membership drive was announced at the meeting. Students in all the EE laboratories courses have been approached in the new drive. Membership cards will be issued when the $.50 fee is paid. All new members will be invited to the picnic.

At the AIEE's meeting last Friday, the Micro-Switch Company provided a sould film on the production and use of micro-switches. A company engineer was present to answer the group's questions.

# BON Members To Reorganize

Plans for the reorganization of Beta Omega Nu, the IIT interfraternity fraternity, will be discussed at a meeting to be held at 8:30 p.m. next Wednesday at the Three Deuces. Originally formed to further harmonious relations between the social fraternities, Beta Omega Nu has not functioned for nearly two semesters, and a movement to put it on an active basis has been started by Al Dimoff, president; Larry Johnson, vice-president; and John Koza, secretary. Plans to be discussed at the meeting include length of the pledging period and the initiation procedure.

A fraternity organization, Beta Omega Nu is composed of not more than five members of each social fraternity on the campus. These fraternities select actives to be pledged to BON.

## Bill Rothers to Play At Fraternity Ball

Bill Rothers and his ten-piece band will be featured at the Interfraternity Dance to be held June 2 in the M M Club of the Merchandise Mart. Songs will be provided by Jean Garfield. Rothers and his band played for the junior all school "Holi-Hop" last December 9. The dance will start at 8:30 p.m. and will end at 12:00.

The dance is a closed affair, but is open to all off-campus fraternity men as well as those on the campus. The purpose of this arrangement is to accomodate members of V-12 units and veterans who may be members of fraternities of different schools which are not represented on this campus.

Tickets to the dance are still on sale. Any fraternity man interested should contact Fred Olson or Joe Delaney.

## Chi Epsilon Attends Banquet at Stevens

The members of Chi Epsilon, civil engineering fraternity, held a banquet at the Stevens Hotel Saturday evening before attending the Navy Ball. A/S Murray Percival and A/S Marty Givot had charge of making all arrangements.

At a recent meeting of the organization a semester project was adopted. It is fixing up a room at the south end of Chapin Hall on the third floor as a departmental library. Steps have been taken to continue this project and before long it should be completed.

Also the possibilities of furnishing lights in the department drafting room at 431C were discussed with the idea that they should be paid out of the fraternity's treasurery.

# Cleveland Examines "Raman" Effect in IIT Spectroscopy Lab

The "Raman effect" is, at present, the chief research project of the spectroscope laboratory. Dr. Forest F. Cleveland, physics professor and head of the laboratory, is undertaking the research.

The laboratory is particularly well adapted for study of this sort. The studies are being made with a specially constructed Hilger spectroscope, made by the world's largest leading optical company. The acquisition of the instrument was of international scope, being brought to this country early in 1942. After months of diplomatic negotiations, permission was finally granted for the import of the spectroscope from England. It was feared for a long while that the instrument was at the bottom of the Atlantic Ocean. It arrived safely, however, after many months of delay in shipment. The instrument is designed primarily for the study of spectral lines from very weak light sources.

Professor C. V. Raman, the Indian physicist, discovered the Raman effect in 1928 and received the Nobel prize for his work in 1930. The effect is observed when light is scattered from various substances. An example is that of the scattering which occurs when light from the sun passes into the earth's atmosphere. The sun's "white" light falls upon minute particles, which alter the directions of the original path of light, sending out new wavelets. Since the blue part of the sun's "white" light is diffused more effectively than the red section, the sky generally has a blue color. The red end of the spectrum is sometimes seen at sunset, when the sun has a briliant red appearance.

It was also discovered that when light of a single color is scattered by certain liquids, new colors or wavelengths appears. These new lines are characteristic of the molecules of the liquid and furnish invaluable information about the individual molecules.

Upon request from the American Petroleum Institute, studies were made of new hydrocarbons by observation of the Raman effect. These observations were carried out by Dr. Cleveland, in collaboration with Dr. Maurice Murray, on leave from IIT.

## Automotive Lab Has Three New Inclined Manometers

Students in IIT's automotive laboratory now have the use of a battery of three inclined manometers for work with carburator pressures. The three instruments are the latest type of quick acting manometer and may be read to the nearest .02 of an inch of water. They were furnished by Mr. Lewis M. Ellison, president of the Ellison Draft Gage Company of Chicago.

# *Fraternities & Sororities*

## Ensign Furst Guest At Alpha Sig Meeting

At a meeting of the Alpha Sigma Phi fraternity last Thursday Ensign Warren Furst, was present as a guest. Furst, who is an alumnus of the fraternity, acted as pledgemaster for the evening.

The pledges of Alpha Sigma Phi threw a wiener roast for the members at Catigny Woods on Saturday, May 12. A featured attraction was the serenade by Pledges Freund and Bojanowski.

Plans for a farewell party for graduating seniors are being made for June 16.

## Name Tom Feehery Triangle Pledge Head

Another man has been pledged by the Triangle. He is Arnold Kunst, sophomore. Pledge Tom Feehery was elected pledge captain at a recent meeting.

After having the fraternity house washed during the last "hell" week, the activities and a few pledges got together and redecorated the place.

A house party was held May 13, which was attended by 20 couples. Among those present were Robert Kasnicka, Henry Koci, and Charles Weber, three alumni members.

## Theta Xi Pledges 9; Plans Sports Program

Theta Xi has pledged 11 men for the coming semester. They are A/S Charles Hatstat, A/S Jim Hartnett, A/S Terry Rice, A/S Joseph Hassler, A/S Milton Ernst, A/S Dondal Steuart, A/S Bill Windham, A/S Dick Olson, A/S Sigmund Pysik and Otto Arnston.

At the last business meeting, a softball team was formed and plans were made for the athletic program of the coming semester. There will be a fraternity dinner next Wednesday in the East Dining Room of the Student Union.

## Mothers of Pi Kaps Holds Spring Meeting

The mothers of the actives of Pi Kappa Phi fraternity held their annual spring luncheon Saturday in the East dining room of the Student Union. The affair will begin at 11 a.m., according to Mrs. Arthur Olson, president of the group. Mrs. Edward Farrel is in charge of the arrangements, while Mrs. George Schober is secretary of the Mothers' Club.

On the same evening the actives and pledges will dine and dance at the Graemere Hotel. The affair is to be sponsored by the pledge class which is in charge of all arrangements, including the furnishing of some of the evening's entertainment. The diner will begin promptly at 7:30 p.m. states Archon Tom Ruck.

The active chapter greeted Lt. Chuck Farr, former active member in the chapter, who visited the fraternity last week. Farr recently won his commission in the army engineer's corps.

There will be a meeting of the active chapter on Wednesday in 405M at 5 p.m. The pledges will meet at 11 a.m. on Wednesday also.

## Narofsky Will Head Rho Delts Next Term

Robert Norofsky was elected to the presidency of Rho Delta Rho at a meeting held last Wednesday. Also chosen to offices were A/S Gil Katz, vice president; Alvin Eaton, treasurer; Max Goldberg, secretary; and Sheldon Schreiber, pledgemaster and social chairman.

Arrangements were completed for apicnic to be held at the summer residence of Herman Mirochnick on Sunday, June 3. A dinner dance is also being planned for Saturday, June 23.

## Daedalions Honored By Navy Christening

The Daedalions fraternity held their 45th Annual Alumni-Actives Smoker recently. Among the items reported was the christening of the LST ship, USS Daedalions, at Seneca, Illinois.

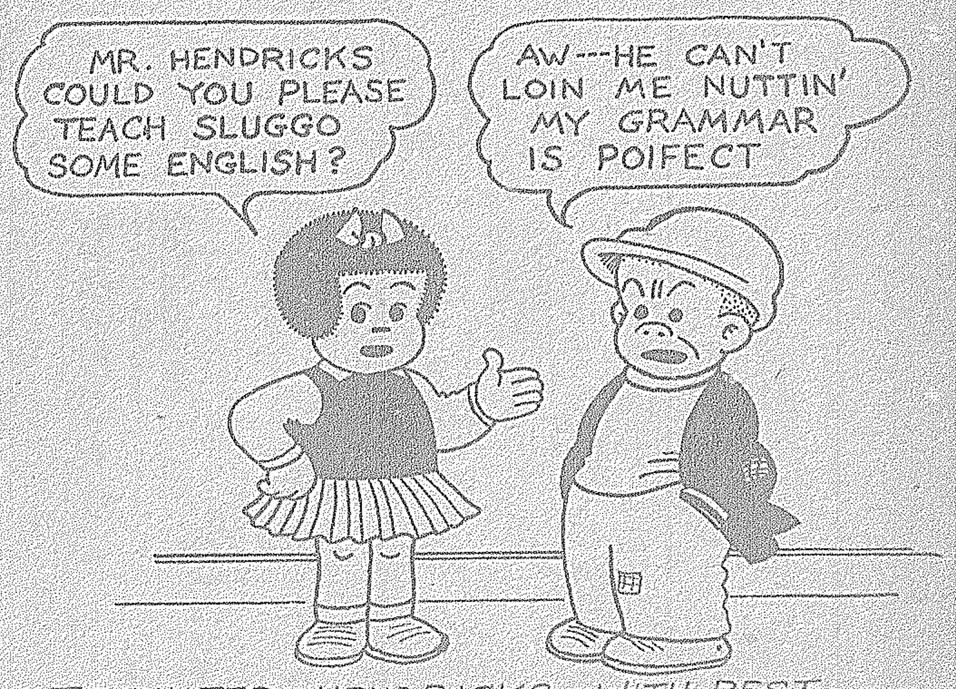
A party was held at the home of Donald Stewart. The quests at the party included three members in service: Pvt. Dick Flaskamp, Paul Wierlin RT 3/c and Jim Kordig RT 3/c.

## Sigma Omicron Holds Party for Mothers

The mothers of the members of the Sigma Omicron Lambda sorority were guests of honor at a tea held last Wednesday. The tea was held in the west campus lounge, giving the mothers the opportunity of seeing it.

The newly elected officers were installed in an impressive candle light ceremony. The officers are: Helen Gorden, president; Claire Brinkerhoff, vice-president; Myrna Lokay, secretary; and Gloria Landin, treasurer.

After the officers were installed, the mothers were presented with corsages of roses and lillies-of-the valley. Hot rolls, tea, and fruit salad were served. Said president Helen Gordon, "A good time was had by all."




TO WALTER HENDRICKS—WITH BEST WISHES FROM NANCY, SLUGGO AND -ERNIE BUSHMILLER

# Whiting Corporation Inaugurates Engineering Scholarship at IIT

Looking toward the tremendous need for trained engineers which will arise in post-war industry, Stevens H. Hammond, executive vice-president of the Whiting Corporation of Harvey, Illinois, today announced the establishment of a $25,000 Whiting Scholarship Fund at Illinois Institute of Technology.

In presenting this gift to Dr. Henry T. Heald, president of Illinois Tech, Hammond stated that the Whiting Corporation desired that it be used in training worthwhile young men enrolled in both full and part-time courses.

This amount will be used largely in connection with the Institute's co-operative courses in mechanical engineering, evening school courses, and the part-time educational programs. Part of the fund may be used to provide assistance to returning veterans who wish to resume their education and find their government assistance insufficient.

The new scholarship fund will be utilized chiefly in aiding employees of the Whiting Corporation and their children to obtain education in one of the engineering programs offered by Illinois Tech, Hammond said.

The 60-year old Whiting Corporation is at present engaged in full-time production of "mixers" for robot bombs, engine stands for B-29 bomber motors, rocket parts, mine exploding devices, and equipment for other war manufacturers. About 1,200 persons are currently employed.

## New Fluids and Heat Division Begun By ARF

Fluids and Thermodynamics is the name of the new section of the Armour Research Foundation, announced Dr. Jesse Hobson, director. Dr. Warren E. Wilson is to be its chairman. The original division, generally known as engineering mechanics, consisted of four major units: solids, electronics, fluids, and heat.

## Navy Dental Office To Be Established At IIT in Few Days

A navy dental office will be established at IIT for the trainees within the next few days, Lt. A. W. Blake, executive officer, announced today.

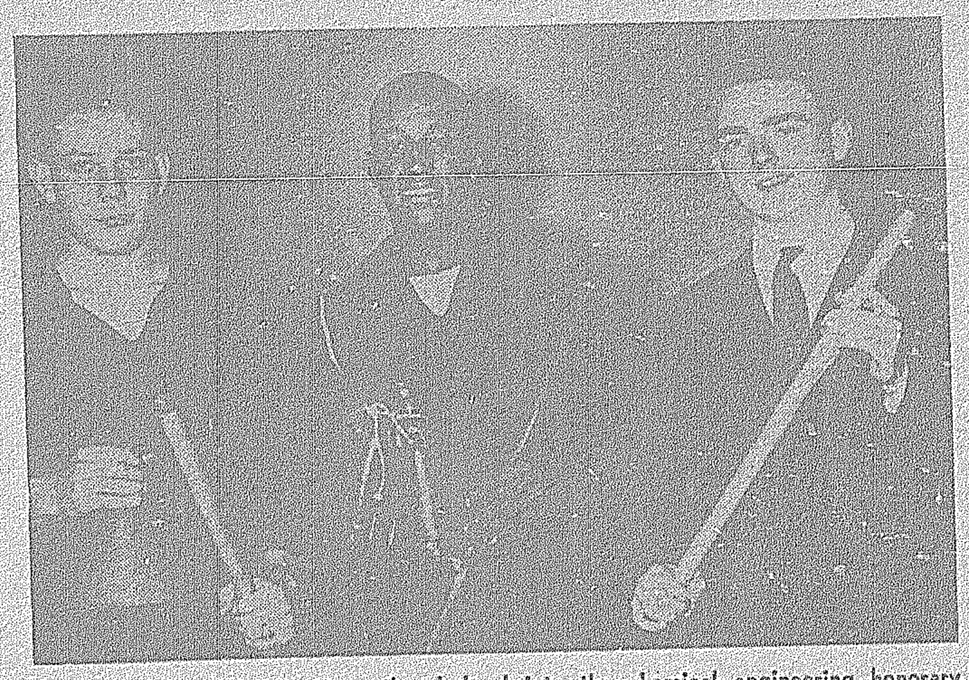
The office, which will be located in the present storkeeper's office, will have complete dental equipment, including a dental chair and X-ray facilities. The equipment will be shipped from a WAVE school in Iowa, where it was excess material.

A dental officer, who was to have had an office at the University of Chicago, will now be attached to the unit. Previously the men of the unit have reported to Navy Pier and the U. of C. for dental treatment. The office will be established here because of the anticipation of an increase in strength of the unit following the inauguration of the NROTC unit in November, said Lt. Blake.

## Landay Plans Formation Of ARF Sports Groups

Hans L. Landay, of the Armour Research Foundation's glass-blowing department, has agreed to organize sporting groups among the foundation members. Landay, well-known by IIT men as coach of the hockey team, says that interest has been shown in tennis, badminton, swimming, volleyball, hiking, horseback riding, softball, horseshoes, bicycle riding ping pong, and golf.

## Chemical Honorary Pledges



PHI LAMBDA UPSILON—Recently pledged into the chemical engineering honorary are (left to right): A/S Donald Hedeen, A/S Frank Crossley, and Gorman Quinn.

# Gas Institue Searching For Better Fuel Gas From Coal

The Institute of Gas Technology is working on the problem of producing high-heating-value gas more efficiently and cheaply from coal. Gas produced by the water coke reaction method used at the present time has too low a heating value and must be enriched with natural gas or gas made from oil. This results in high operating costs because the process is intermittant and the oil used to produce the enriching gas is an expensive raw material.

Research, under the direction of Dr. J. J. Sebastian, is being carried on to develop a method of producing gas of high heating value directly and continuously from coal. This process involves the fluidization of coal, which is done by pulverizing the coal and bubbling gas such as steam or air through it. This produces a suspension of coal in the gas. Fluidization of coal also eliminates some of the problems of heat transfer and materials handling, as heat can be supplied directly to the powered coal by hot flue gases. The powdered coal can be transfered through pipelines as easily as a true liquid.

A new device for powdering coal, the flash pulverizer, was invented by Prof. J. I. Yellott. Since Prof. Yellott left the IGT, research and development of the flash pulverizer has been directed by Mr. R. T. Griffith.

## Phi Lambda Upsilon Pledges Seven Men

Seven men have recently been pledged to Phi Lambda Upsilon, chemical and chemical engineering honorary, according to George Wihlemsen, president.

Undergraduate pledges are: A/S Frank Crossley, A/S Donald Hedeen, and Gorman Quinn. Graduate students undergoing their pledgeship are: Orville Cavanaugh, Ira Dillon, Morris Feller, and Richard May.

Candidates took a two hour oral and written examination dealing with chemistry, mathematics, and physics.

## High School Students to Try for Scholarships

One hundred forty students, who have graduated from Chicago high schools or will graduate this year, are to write an examination this Saturday, May 19, for scholarships. These students are in process of being interviewed, and those who pass the examination will receive tuition for two semesters.

## Historical Documents Are Rediscovered in Library

Documents of historical importance take their place among technical books at the south campus library. Among items of interest is a second lieutenant's commission issued by Abraham Lincoln in 1863. This document can be seen on the balcony of the library. In addition, historic relics from years back may be found throughout the library. There is a letter written by General Grant to a Union soldier in the year 1868. These are but a few of the interesting items which can be seen in the library.

Miss Cheshire, librarian, announced the addition of several new books to both the rental collection and the general titles.

# Tutors Move To New Office

The tutoring offices have been moved and will be temporarly located in the room adjacent to the heat laboratory in the basement of Machinery Hall. This was revealed today by A/S Robert Thurston, who is in charge of th ecommittee.

Programs listing the hours which tutoring services are offered will be posted today on bulletin boards in Main, Machinery Hall, and Chapin Hall.

"Students are invited", says Thurston, "to make use of the free instruction available."

All tutors are honor students and members of the various departmental honorary fraternities on the campus. The tutoring servic was resumed last term by Pi Tau Sigma, national honorary mechanical engineering fraternity, at the suggestion of *Technology News*, and later the other honorary fraternities joined in the work.

## Dr. Harris Named Acting Mechanics Department Head

Dr. Charles O. Harris was made acting head of Illinois Tech's mechanics department last week . The appointment was made by Dean Peebles so that Dr. Harris would be able to represent the department at any conferences on curriculum and program adjustments for post-war Illinois Tech. The position is, at present, not permanent.

Upon graduating from the University of Illinois with a Bachelor of Science degree in Architectural Engineering, Dr. Harris stepped into the research laboratory as a student assistant. Two years later, in 1932, he received his Masters degree in Civil Engineering and proceeded to put his education to the test of practical application. During the next few years he worked at a variety of engineering jobs.

"It is interesting to note that none of my education had prepared me for the role of a teacher—I'd never thought that I would like such a position," said Dr. Harris. Nevertheless, he accepted a professorship of Mechanics in the latter part of 1934 and has been with the Institute since.

Dr. Harris completed his formal education in 1941 when he climaxed nine years of study by receiving a Doctor's degree in Mechanics.

## Students Asked to Report Changes in Class Schedule

William Kelly, registrar, said that many students have changed their class schedule without notifying the registrar's office. All students, both civilian and V-12 men, who changed their program since registration, are requested to correct their enrollment cards as soon as possible.

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# NAVAL NOTATIONS

## Quarters #1

Big topic of conversation last week was the recently posted officer ratings. Of great surprise to no one was the variety of grades received by quarters men. George Habenicht's lofty 3.9 should serve as a mark for others to shoot at in the following months.

Salty, the Quarters #5 mascot, learned that some cats have a fiery temperament. Salty was prowling through quarters the other day when he accidentally discovered the kittens corner and got his nose burned.

## Quarters #2

Pepper, the quarters' mascot, still holds the spotlight during the morning calisthenics. Always willing to run after things, Pepper picks up everything from fish heads to pieces of dirt. Latest caretaker of the pet is J. Lehnen and his buddies in the hold.

More than 100 men from the quarters were present at the Navy Ball held last Saturday.

Bob Trebilcox was rudely awakened during a sun bath last week by a flying missel filled with water. It is rumored that some of his buddies are jealous of his "sun lamp palor."

## Quarters #3

The quarters statistician notes that the chieftons had the lowest set of officer ratings in the unit. An exception was "Danny" Dannemaier—a boy with a potent 3.7 rating. Long suspected of getting by because his name is too lengthy for a demerit slip, Danny now attributes his success to accomplished yodeling of 'The Wabash Cannonball."

Giving the Rosary College women a break were Paul Flood, "Gus" Troyan, Bill Sirvatka and "Norbie" Vojta. The boys attended a play given at Rosary College a week ago last Saturday night.

## Quarters #4

Most of the fellows get enough talking done in the daytime so they use the night to relax their tired facial musculature. But some people are never satisfied. For instance, Ernie Kirstein, Don Nelson, Dick McKee, Bill Burrows, John Capron, and Bernie Brille all talk in their sleep.

Now Don gets quite interesting at times. One bright night he sat bolt upright in bed and said, "I've got to do it!" A few nights ago Bernie mumbled over and over "Don't do it." Whether there's any connection between the "its" and the "doing" is still a mystery. But on to lighter things: Ernie grunts and makes other very interesting noises in his sleep. Although the sounds are unintelligible, his facial expression gives him away. He always has such a pleased look on his mugg.

And orchids to Henry "Poppy" Camp for going to a movie last Wednesday instead of the Covered Wagon's stage show.

## Quarters #5

Salty may have lost his dignity but he certainly gained experience in feline combat during his recent encounter with the quarters #1 cat. Salty was tailing Chief Sherer in his daily inspection when he happened upon the cat's litter. Resenting the intrusion, the cat immediately swung into action. This was something new to Salty who had been accepted by most four legged animals as a papa. The scrap ended with Salty humiliatingly furnishing transportation for the cat. Salty won't stay licked and to prove it, is taking a specialized training course in "Cats, defeat of."

Clark Huml, 3rd baseman of the quarters team, was slightly embarassed Friday when he bent over to brush off his pants and he noticed a ball fly by. Needless to say a run was scored.

LOST: One Triangle fraternity pin. Loss believed to have been impending for several weeks, occured in pleasant surroundings, subdued lights. Owner shows signs of having lost his heart along with it. If Myrna Lokay should know of its whereabouts she is requested to please keep it safe, or return to Robert Keith.

## Quarters #6

Joe Hardman learned a bitter lesson last week. After working side by side with Terry Rice for a few hours, Joe decided that an Irishman will never die working.

Room 301 is a lively place about 0300. When Tucker Hatzek, Tom Westlake and Leonard Ferguson start "Batting the breeze" in their sleep, it gets so nobody else can sleep. John Sajban must have enjoyed a dream Thursday for he was muttering something about, "Do it again." Shipmates are wondering if John is studying too hard or perhaps he is experiencing too many weekends.

## Quarters #7

Tom Kilgariff and Dick Lander had a severe verbal duel upon the third deck the other night, and it seems that "Big Dick" had a little more than he could handle for a change. Norm Hankins was in the next room chuckling away at the excellent way Tom was carrying out the battle that he had started.

Arne Niemi didn't know quite how to take the senior stag—his only expression was "Gee." Among others who went were Sol Rosenthal, who is an old hand at that stuff by the way, and John Osborn, who was quiet about the whole affair.

Alan Grant was very nearly the recipient of a shower at the request of some of the fellows. He had to do some mighty fast talking to convince them that he didn't need one.

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