

TWICE IN THE PAST, Red Cross mobile units have pulled up before our Student Union. The first time they came to stay just one day, a witheringly hot day, during the Feb. '43 senior's summer session.

These seniors, bolstered by an occasional "quant chem" responded with such zeal that the unit returned last winter. This time it stayed for three days.

Despite the final exams, looming only a week later, more than 475 student and staff members offered their blood on a series of days just as cold as the first was hot. Principally because of the number of colds prevalent during that season the number of actual donors was cut to 381; still a formidable goal for future drives to aim at.

Nevertheless, this summer, the War Council prexy, Harry Gillespie, expected to hang a "For Rent" sign on that goal. Harry made every effort to bring the unit here again, but since we no longer have the facilities to accommodate it, the plan fell through.

But the purpose of the drive has not vanished, and neither have we; if the Red Cross can't come to us, we can still go to them. Several times in the past a dozen or more have gone to the blood bank in a group. Many of the same ones are planning on repeating the stunt, now that it is certain there will be no unit here this summer, and the War Council has made this not only possible, but convenient.

There's no reason why we can't make the Red Cross quarters look like another IIT campus.

ITSA VICE-PREXY Ray Tubergen made certain he didn't fall victim this time to a case of "amnesia" similar to the one that hit him before last year's election. One of the pre-ballot favorites in the running for the junior class leadership, Ray garnered more than enough signatures on his petition, then forgot to turn it in. Result: Tubergen out.

This time Ray has not only had a sufficient number of names on his petition, but he was the first, by three days, to submit it. Result: Tubergen in.

All of which goes to show that you can get the last man out if you're really in there petition.

IN ANOTHER ELECTION last week, west campus students bent over backwards to assure themselves of ITSA representation. Probably desperate in their attempt to find someone free enough to hop the "stagecoach" for the semi-monthly meetings, they named Florence Bartusek their ITSA vice-president.

Miss Bartusek is enrolled in but one class this semester, which is pretty hard to beat, but what they (See AS I SEE IT on Page 6)

October Seniors Name Committees

It's "full speed ahead" for the October seniors!

Jim Carroll, president, says, "The graduation committee has been chosen, and the chairmen are working together to promote a well planned, well organized commencement."

The individual members are:—
Jewelry committee: — chairman, Ed Hemzacek, Frank Carqueville, Robert Sholeen and Arthur Slingerland.

Invitations Committee:—chairman, Ray F. Smith, Gerry Golden, Bert McClennehan, and Clarence Ceroke.

Cap and Gown Committee:—chairman, Earl Goldberger, Arnold Bakaler, Roy Bellio, and Bill Hedeen.

Social Committee: — chairman, Roger Olsen, Jack Byrne, Tom Costello, James Ramseth, and Fred Sternberg.

Lind Wins Election Over Snyder

17 Men Left in Honor Elections; 8 Will Be Selected in Finals Friday

Students Given First Chance to Elect Board After Two Semesters Under Honor System

Seventeen candidates were still in the running after the first Honor Board election ballots were counted, dwindling the field drastically from the original forty-one selected by the heads of the several departments on the south campus.

This election, the first giving the student body their choice of representatives on the Honor Board, was conducted under a system submitted by the retiring board for ITSA approval only last Tuesday, and resulted in an election different from any other conducted on this campus in the past.

In most cases, not even the candidates themselves were aware that their names were on the ballots, and voters indicated their choice from a list they were seeing for the first time.

The results found six students remaining in both the senior and junior classes, and five in the sophomore class; the extra candidate from the two upper classes resulted from a tie in the departmental runoffs.

"Social" By-Law Being Planned

A proposal to establish the All-School Social Committee and to define its powers and representation in the form of a by-law to the ITSA Constitution will be voted on at the ITSA meeting to be held Tuesday, August 3. The proposal was brought before the board at the last meeting, but the outcome of the proposed by-law was tabled until completion of ITSA elections would allow full representation in the vote.

Drawn up by the by-law committee of Harry Anderson, Ray Tubergen and Earl Mills, the proposal attempts to embody the principal features set forth by Fred DeMoney, social chairman of the senior class of June, '41, and carried on and supplemented by Mike Coccia, present senior chairman.

The bill requires a two-thirds consensus of all ITSA members before being adopted.

The proposal, if passed, will be the first since the early part of the spring semester, and is as follows:

**ARTICLE X
ALL-SCHOOL SOCIAL COMMITTEE
SECTION I—Membership:**
The All-School Social Committee shall be composed of the Social Chairman of each class at Armour and Lewis and one faculty member. The chairman of the committee shall be the Armour senior representative.

The faculty representative shall be elected by the Illinois Tech Student Association Board of Control every other semester.

SECTION II—Powers:
Every social function of the Illinois Institute of Technology is subject to the approval of the All-School Social Committee. This shall include approval of date, time, and place. Smokers, parties, and dances specifically as such are included.

The All-School Social Committee shall advise and assist in social functions when asked, and shall itself promote all-school functions.

The All-School Social Committee may require pro-rata financial aid from all classes when promoting all-school affairs.

Schommer Requests Student Cooperation

John J. Schommer, director of placement, has made the following requests of students:

(1): All freshmen who receive 1-A draft classifications must get in touch with his office.

(2): Graduating seniors should watch the bulletin board for placement interviews.

(3): Part-time job announcements are still being placed on the Student Union bulletin board. Those who obtain the jobs are requested to inform the placement office of this.

To Be Honored



President Henry T. Heald

WGN to Salute President Heald

Recognition for distinctive service in the field of education will be again given to Henry Townley Heald, president of IIT.

On Thursday night, August 5, the radio program "For Distinctive Service," a weekly feature of radio station WGN, will salute President Heald. This program which portrays the lives of distinguished personages will dramatize the highlights of the career of President Heald and will tell briefly the history and purposes of Illinois Tech.

The program will be heard from 9:30 to 9:45 o'clock a week from Thursday. President Heald will be interviewed on the broadcast.

The salute to Dr. Heald climaxes the series. It is the twelfth such broadcast, and following it "For Dis-

(See WGN TO SALUTE on Page 6)

War Council Opens Blood Donation Drive; Donors to Go to Blood Bank in Groups

Simultaneous with the announcement that the Red Cross Mobile Unit would not be at Illinois Tech this summer, War Council president Harry Gillespie emphasized that a drive for blood donors from the IIT student body and staff would be carried on under the Council's auspices.

Lack of facilities, principally in the form of space necessary for the reception room, cots, and for resting following the donation, was the reason for the failure to bring the Unit here, Gillespie said.

Both Dean J. C. Peebles and Dean C. A. Tibbals, and Bernard Weissman, Student Union Manager, pronounced the Union absolutely unavailable when approached regarding the space problem. It was pointed out that the facilities that served in January are now being strained to their fullest.

The drive, Gillespie said, will begin August 2, and will continue as long as the response demands it, but the procedure will be changed slightly to meet the new conditions. Donors will be asked to register in the lobby of the Student Union on their free afternoons.

Members of the War Council will be ready to enlist men for donations on alternate days of alternate weeks, in order to give everyone an opportunity to sign up. Donors will also

Juniors Choose Burkart 47-44 In Close Vote

Senior Vice-presidency Goes to Jack Eulitt Soph Class Takes Ailara

Ronald Lind was elected first vice-president of the ITSA in the elections held Friday, July 23. The final count giving Lind 181 votes to 149 for Douglass Snyder. Snyder, a junior, garnered more votes to gain the majority of the sophomore class than did Lind, who carried the remaining three classes. Lind, also a junior, received his greatest majority from the senior class.

Only a three vote majority decided the presidency of the junior class. Results from the final elections held last Friday showed Harold Burkart with 47 votes and Danny O'Connell 44.

These two men were the finalists elected in the preliminaries the week before. At that time the votes cast were Burkart-44, O'Connell-29, Hillman-26. During the week Burkart picked up only three votes to 15 for O'Connell. Of the 99 votes cast for this office the previous week, 91 were cast again Friday.

Jack Eulitt captured the vice-presidency of the senior class from Lou Wengel. Eulitt receiving 91 votes to Wengel's 44. Wengel was the only member of the former co-op class entered in the final elections.

In the sophomore class Ronald Ailara, defeating Bert Pearl by a vote of 64-40, was elected ITSA representative. Ailara gained 26 votes to Pearl's nine over the votes cast for them the previous week. The SUBC representative of the sophomore class is Herbert Schoen. Schoen received 57 votes with Robert Guthrie, the other candidate, capturing 46.

A total of 433 votes were cast in the elections last Friday, 10 to 15 per cent of which were cast by the Navy. The enrollment at Armour, exclusive of the Navy is 915 students which means that less than 45 per cent of the student body participated in the elections. In the elections of July 23, 95 per cent of those who voted in the preliminaries voted again in the finals.

Tau Beta Pi to Hold Meeting on Wednesday

Tau Beta Pi will hold the first meeting of the semester this Wednesday, president Bill Parks disclosed. The meeting, primarily a business one, will also discuss plans to include the army and navy students as possible candidates. It will be held in the faculty grill at 5 p.m.

\$8,000 May Be Returned to Students by State Soon Because of Recent No Sales Tax Rule for Schools

Eight thousand dollars may be returned to the students of IIT, it has been announced by the Institute treasurer, Raymond J. Spaeth. Sales tax paid by the students for the past few years in the cafeteria and the bookstore is the source of this unexpected bonus.

Recently, the Illinois State Supreme Court returned a decision declaring educational institutions exempt from the payment of the sales tax. This opens the possibility that

the state may have to refund this money.

That this money, if refunded be placed in the Field House Building fund was suggested at the last ITSA meeting. The Board unanimously approved of this idea and waived the students' right to the sum.

The task of solving the legal problems lies with the Institute's attorneys. "It will probably be at least six months before any definite decision can be obtained on this matter," announced Mr. Spaeth.

TECHNOLOGY NEWS

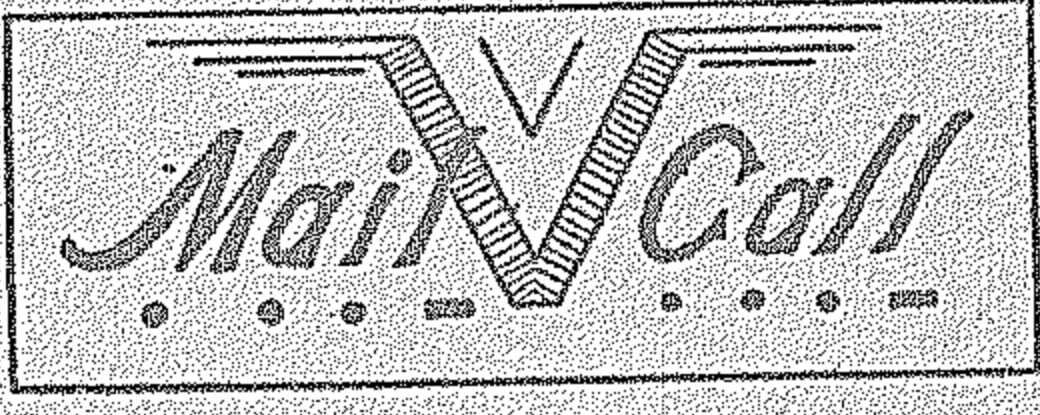
Member, Associated Collegiate Press
 Official student publication of Illinois Institute of Technology, 3300 Federal Street, Chicago, Illinois. Published weekly during the college year. Represented for national advertising by National Advertising Service, Inc., college publishers representatives, 420 Madison Ave., New York, N. Y., Chicago, Boston, Los Angeles, San Francisco. Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Subscription rate, 2.00 per year.

Editor.....RICHARD LARSON
 Business Manager.....JEROME HOULE
 Managing Editor.....Arthur Olson
 Lewis Managing Editor.....Isabella Winter
 Sports Editor.....Ulysses Backus
 Feature Editor.....Charles Rowbotham
 Assignment Editor, Armour.....Milton Burkart
 Assignment Editor, Lewis.....Blanche Fried
 Photo Editor.....Ed Johnston

Copy, Rewrite, and Headline Editors
 Harry Burkart and Herman Nelson
 Cartoonists
 Jim Barris and Ronald Lind
 Staff Members
 Sid Baker, Bill Burkart, Bettyann Detterbeck, Burt Fried, Paul Goldsmith, Jonas Korn, Robert Misch, James Oldshue, Ramon Olson, Bert Pearl, Marvin Quateman, Morton Sherman, Joan Tucker, Rhoda Weitzman, Harry Wiggins, and Ted Zaggy
 Faculty Adviser.....Paul O. Ridings
 Faculty Financial Adviser.....Raymond J. Spaeth

Woman Of The Week—

'Queen' Isabella Winter Ascends Technology News Throne as 'Managing Editor'



(EDITOR'S NOTE: Items concerning IIT men and women in the armed services will be printed in this column, and excerpts from letters from these men and women will also be presented. Contributions to the column will be welcomed, and the newspaper staff will make every effort to obtain news and letters from the stars of Illinois Tech's service flag—a group now numbering more than 700.)

By LOU WENGEL

Among the boys who have been in there pitching is Lt. Irving X. Burg, M.E.A. '39, who has been in the foreign service for a good many months. He writes the following.

"The place is Indian, and if I say that there is no earthly reason for anyone ever wanting to visit this country I am putting it mildly and in the most gentlemanly fashion.

"I heard that old Tech had a hell of a fine basketball year. That is O.K. and here's hoping the boys hang one on again soon."

V V V

Now news comes in from some of our meteorology boys in the person of Pvt. John Jachimiec, C. E. I. '44, who is now at University of Wisconsin. Other IIT men in his group are George Wilmsen, Harrison Munro, Daniel Gauss, John Twomey, George Mitchell, and Walter Holtz. John states that the training they have received at Illinois Tech has aided them a great deal in their present work.

V V V

Corporal Thomas J. Hair, A.S.L. '31, serving somewhere in North Africa sends in the following information.

"I have been in North Africa since last December. My branch of service is Quartermaster and I am working in headquarters of a replacement battalion.

"Our work is vitally important as it is up to us to get the right men at the right time to the right outfit at the front and also see that each man is fully equipped and is properly classified to do the best job for him in the Army."

V V V

Ray Smith and Bob Hall, fire protection engineers, class of '43, stationed at Michigan University are now taking a 30 week course in naval architecture. Following are excerpts from Ray's letter.

"We are under no discipline whatsoever, but merely going to school much the same as we did at Armour. Our rooms at the Michigan Union are really swell.

"The group we were in was divided into three groups according to mathematical ability. Glad to say Bob Hall and I made Section A, the fast group. We have wonderful instructors, evidently Michigan's finest, as they seem to be all brilliant men."

V V V

A/C Edward Hanley (formerly Ed Hanuska), M.E.C. '42, is now studying at Yale University and is quartered in the Sterling Law quadrangle which is "built expensively in picturesque English architecture, it has a cozy charm and spirit."

He says further that six men occupy a suite of three rooms which has among other requisites a private bath. Ed also sent in a copy of the "Yale News Digest" pointing out an article announcing a coast to coast broadcast of the Army Air Force Technical Training Command School, Saturday, July 10. Also participating in the program were Corporal Tony Martin and Corporal Broderick Crawford.

This week the namesake of the famous Queen Isabella of Spain is honored at Illinois Tech. Blonde, blue-eyed, and diminutive, Isabella Winter (named after the queen by an uncle) has been selected "Woman of the Week."

Isabella, who is a sophomore on the west side campus, has just been elected managing editor of the new *Technology News*. It is for this honor and the work which she will do on the school paper that homage . . . like that given a queen . . . is paid Isabella.

Writing for *Technology News* is not a new experience for Isabella this year. Last year she wrote feature copy and held the staff position of assistant feature editor. In her new capacity, she will meet with the managing board on Tuesday to decide the policy of the paper and again on Friday evening to put the paper to bed.

Illinois Tech's "first lady" was elected social chairman on the west side campus her freshman year. With the deft managerial ability inherent to women, she managed the all-school social assigned to the freshman class without incurring any debts.

In her sorority, Kappa Phi Delta, Isabella is secretary-treasurer.

The "Woman of the Week" is a chemistry major on the west side campus.



"Believe it or not," Isabella states, "I got my start in chemistry from a toy chemical set. I've loved chemistry ever since."

Had not the appeal of using chemistry for making baking powder biscuits become a factor in Isabella's life this year, she might have set her star for a chemical research

position. The twinkle now in her eyes reveals there's a brighter star in her dreams.

Being concert mistress in an orchestra, as she once planned to be, has likewise faded from her hopes and ideas.

"Incidentally," says Isabella, "it was upon the suggestion of my violin instructor that I chose Illinois Tech for my school. He recommended Dr. D. P. Boder so highly I investigated the school. My enthusiasm was even greater when I learned of the opportunities open to chemistry majors at Illinois Tech."

When a freshman, Isabella took the violinist's advice and registered for Dr. Boder's introductory course in psychology as one of her electives.

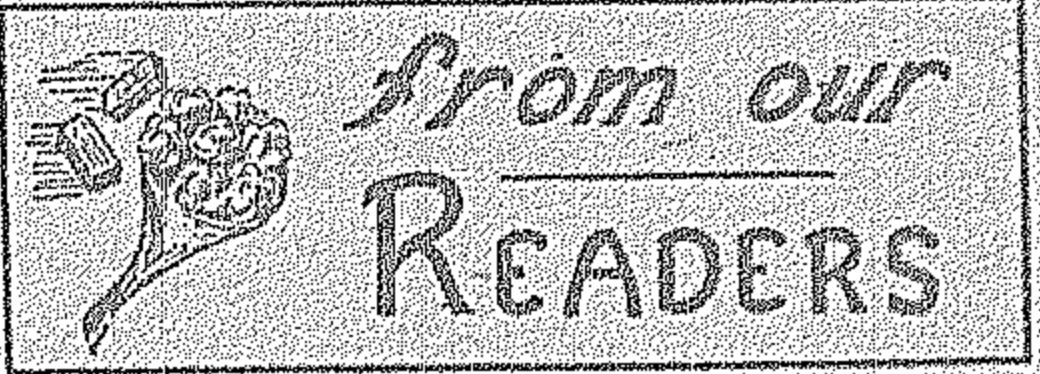
After hours in the chem and physics lab, Isabella likes to "do the town". She loves shows, but hasn't a favorite movie hero. She likes bands, but hasn't a favorite swing king. She likes the museums, but more than anything she likes to sit out on the rocks and watch the sail boats on Lake Michigan.

If she has \$1.25, she loves a morning canter on the trail in Hinsdale, for as she says, she's "crazy over horses".

Keats and Shelly, once her favorite poets, have been neglected of late for studying technical books during the week and dating a special somebody week-ends. However, once having mastered the three c's, chemistry, college, and coverage for *Technology News*, she plans to give her favorite poets a bit more of her time in the future.

The Collegiate World

A collection of old and rare typewriters is on exhibition at Ball State Teachers College at Muncie, Indiana. The collection includes twenty machines, once very progressive but now slightly out-dated. Among the typewriters preserved in this school, are three Hammond models with circular keyboards; two Model 2 Remingtons that have wooden keys and shift.



(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired. The Managing Board reserves the right to select the letters to be printed whenever the number of letter submitters exceeds the space allotted for this column.)

Dear Editor:

So often, in the daily class, the instructor becomes accustomed to giving only his interpretation of many subjects, and soon feels his judgment—and his method of presenting facts—to be infallible.

Although there are many of the faculty who do possess interesting and talented methods of teaching, there are others who not only waste the time of the students in the lecture hour but cause undue hours of toil after classes attempting to sip the material out of the book without proper lecture aid.

In order for us to digest in any way the quantity of material that is expected of engineering students, especially in the present day's limited time, our home study must be properly supplemented by interesting, well planned and well balanced lectures.

In order to be interesting the lecture cannot be memorized portions from the text or other book. The words must come from the instructor's inventive mind, and must be well spoken and understood.

The contents of the lecture must not be entirely cold theoretical facts but should be spotted with interesting sidelights, modern interpretation or recent developments, and possibly some humor here and there.

The instructor should have the day's material well in mind and need not depend on reading from paragraphs in books or from written cards.

We of the student body are pledged to work every second within our power to learn, with the aid of the knowledge and experience of our instructors, all of the facts of engineering and science that we possibly can for the successful prosecution of this war.

The instructors' help to us and therefore to their country can be as great or as little as they choose.

We ask them to accept this challenge.

—Hooper

Dear Editor:

There was a beautiful dance held at IIT about a week or so ago which was given in honor of the navy boys to which the IIT people in charge invited secretaries, and a few dozen or so of U.S.O. hostesses together with some student nurses.

Not one of the people in charge of the dance felt called upon to invite their fellow students at Lewis who would have been very pleased to attend.

After all, why should outsiders be called in to keep the navy boys company while our girls of Illinois Tech are excluded from the goings on.

It seems that everyone around Illinois Tech has a more or less vague idea about more consolidation between the west side campus and the south side campus. What better way is there to accomplish that purpose than to acquaint the feminine part of the west side campus with the Armour Campus?

Perhaps the people have not been aware of the fact that there are a goodly number of girls attending Illinois Tech at the present time. When they realize there is a majority of women at Lewis now, they will see that inviting outsiders to our IIT dances is quite unnecessary.

An IIT Coed

To Teach--Learn to Teach

Fifty per cent of the IIT teaching staff would not be permitted to teach in Illinois High Schools.

Why? They have never taken courses in "how to teach". "A limited state high school (teacher) certificate" requires "a bachelor's Degree with fifteen semester hours in education...", according to the Illinois School Directory, 1940-1941.

Included in these fifteen hours of education are courses in education psychology, and special methods and supervised practice teaching in the field to be taught.

Every student here has had sad experience with IIT teachers who seem to know their subjects but can't put them across to their classes.

In these times a failure to drive the lesson home to the student results in a situation very closely akin to that illustrated by the absentee war worker; an instructor physically present, but unable to fulfill his function, is of no more value than a riveter on an extended vacation.

That's the problem—what its the solution?

The teaching ability of his staff is the direct responsibility of each department head. Since, on the average, half of his staff has never learned "how to teach", each department head should check his teachers on their techniques of teaching, keep informed of their progress, and also inform them of the latest developments in the art of instruction.

Two direct methods present themselves to the department head: (1) He could be a friend of the students so that they would come to him with their teacher trouble; (2) He could sit in on classes to determine if his staff is putting the subject across to the students.

How many department heads have tried either?

A third indirect remedy involves a student curriculum committee, a middle man between faculty and students. This committee would pass out questionnaires to all students at the end of each semester asking their opinion of the subject and the teacher. Results of this survey would get action.

The October seniors and the senior curriculum committee will distribute such questionnaires to the graduating students. This is a partial remedy that should be extended to all students.

Requiring college teachers to take courses in teaching, educational psychology, personality development, and public speaking might present a fourth remedy.

All four remedies are needed; the third one is partially in action, the fourth must wait until the war is over.

Department heads, why not give the first two suggestions some serious consideration?

—ROWBOTHAM

The Other Side—

Studying Foundations of Math, Climbing to Heights All in Life of Dr. Busemann

By JERRY LANDSMAN

Need someone who can speak Arabic?

If so, then Dr. Herbert Busemann, assistant professor of mathematics is the man.

Everyone knows that Dr. Busemann can solve math problems, but probably few know that he likewise is a master of numerous linguistic problems. Linguistics is his hobby, and he is familiar with all the Scandinavian languages, Romance languages, and teutonic languages—and, in addition, Greek is no mystery to him.

Investigating the foundations of modern geometry is his principal interest. Early in his career as a mathematician, Dr. Busemann introduced modern concepts of metric spaces into the foundations of geometry, and much of his work since has been in this field.

And while his main vocational interest deals with foundations, he has another avocation that takes him to the heights. This is hiking, and he has made ascensions of Mt. Ranier and Mt. Whitney and hiked through the Rockies and the Smokies.

Prior to his coming to America, Dr. Busemann became familiar with all of Europe because of his interest in hiking. He has climbed and hiked throughout Europe, using the native tongues of the countries he visited.

As a result, he is very familiar with the sites of today's Sicilian battlefields as well as the others of this war. Dr. Busemann expresses the belief that landings in Norway would face far more formidable obstacles than faced by the landings in Sicily.

A native of Germany, Dr. Busemann received the bulk of his education in this country. After receiving his Ph.D. from the University of Göttingen in 1931, then one of the world centers of mathematics and physics, Dr. Busemann continued his studies until he received the appointment of Visiting Lecturer at the University of Copenhagen in 1933.

His transfer to Denmark was influenced by the coming into power of the Nazi party. While at the University of Copenhagen, he published four papers on the modern differential geometry of convex bodies.

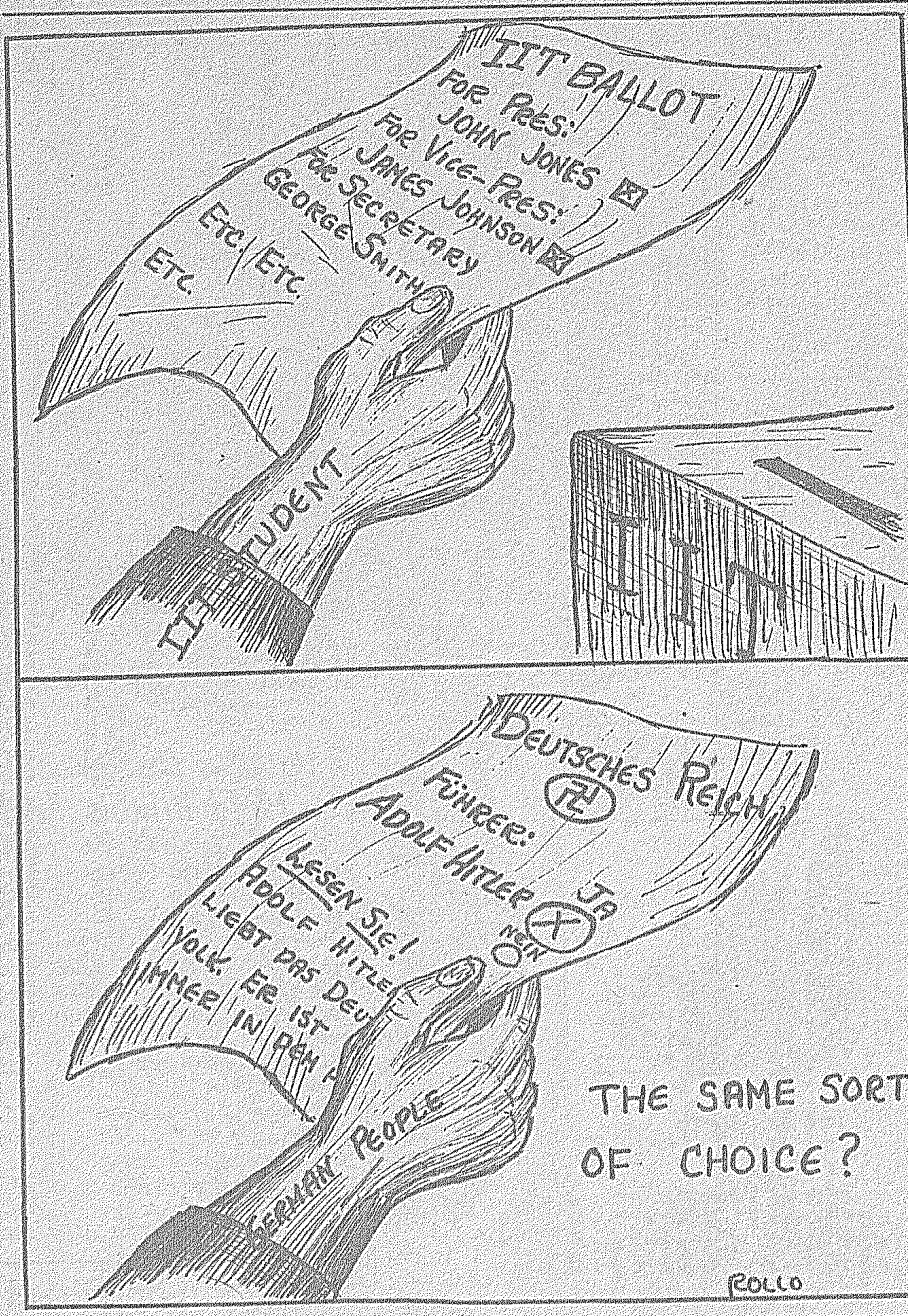
In 1936 he left Denmark to take a position at the Princeton Institute for Advanced Study. His work there was in algebraic geometries. He published at that time a volume titled, "Introduction to Algebraic Manifolds."

During the period at Princeton, Dr. Busemann gave graduate lectures at New York University. At the conclusion of his association with the Institute in 1939, he accepted teaching positions, first, at Swathmore College and later at John Hopkins University. In 1940 Dr. Busemann came to IIT as an instructor in the department of mathematics. He is now an assistant professor in that department.

Here at Illinois Tech he has continued his work in geometry and published a book titled "Metric Methods." Recently it has been learned that some of his results have been utilized by Russian scientists in the field of applied mathematics.

Dr. Busemann is a member of the American Mathematical Society and a member of the IIT chapter of Sigma Xi.

The adjectives linguist, mountaineer, and, perhaps most important of all, geometer, may well be applied to him.



THE SAME SORT OF CHOICE?

CHICAGO—

Army Men—Chicago Belongs to You

TIP to Army Men!

This column doesn't wish to repeat itself, and so it is going to launch into a recital of all the things that are yours for the asking—and for free—in Chicago. These matters were well covered in this column two weeks ago, and it is suggested that if interested all you army men get ahold of this issue of *Technology News*.

names 'n notes

PHIL C. HUNTLY, head of the civil engineering department, is the mayor of Riverside, Illinois, a suburb of Chicago... ANTHONY KUSHIGIAN, navy sophomore, left a \$100 a week job to go back to college after a two and a half year lapse in his studies... ALAN GRANT, freshman, has been using the experience he gained as commander of the South Shore High School ROTC to put the members of his freshman gym class through their drilling and calisthenics. He graduated second only to his twin sister in scholarship... DEAN JAMES C. PEEBLES has the unusual distinction of being an alumnus of both Armour and Lewis Institutes. He attended Lewis first for two years and then graduated from Armour in 1904... ROLAND ROBERTS, soph electrical, has traveled through every state east of the Mississippi River except West Virginia... DORIS MELLER was a student at Illinois Tech before graduating from high school. Finishing high school in three and one-half years, she enrolled at IIT last February and returned to Riverside-Brookfield High School in June to receive her diploma—and the commencement speaker at her graduation was President HENRY T. HEALD of Illinois Tech... BEN SMALLER, graduate student, is a registered pharmacist and is earning his expenses in pre-medical school by doing this work.

That column was headed "Everything Is Free in Chicago," and that's just about the truth. Your uniform is good for about everything except a cash withdrawal from the local banks—and with your \$50-a-month stipend, you don't need that, do you?

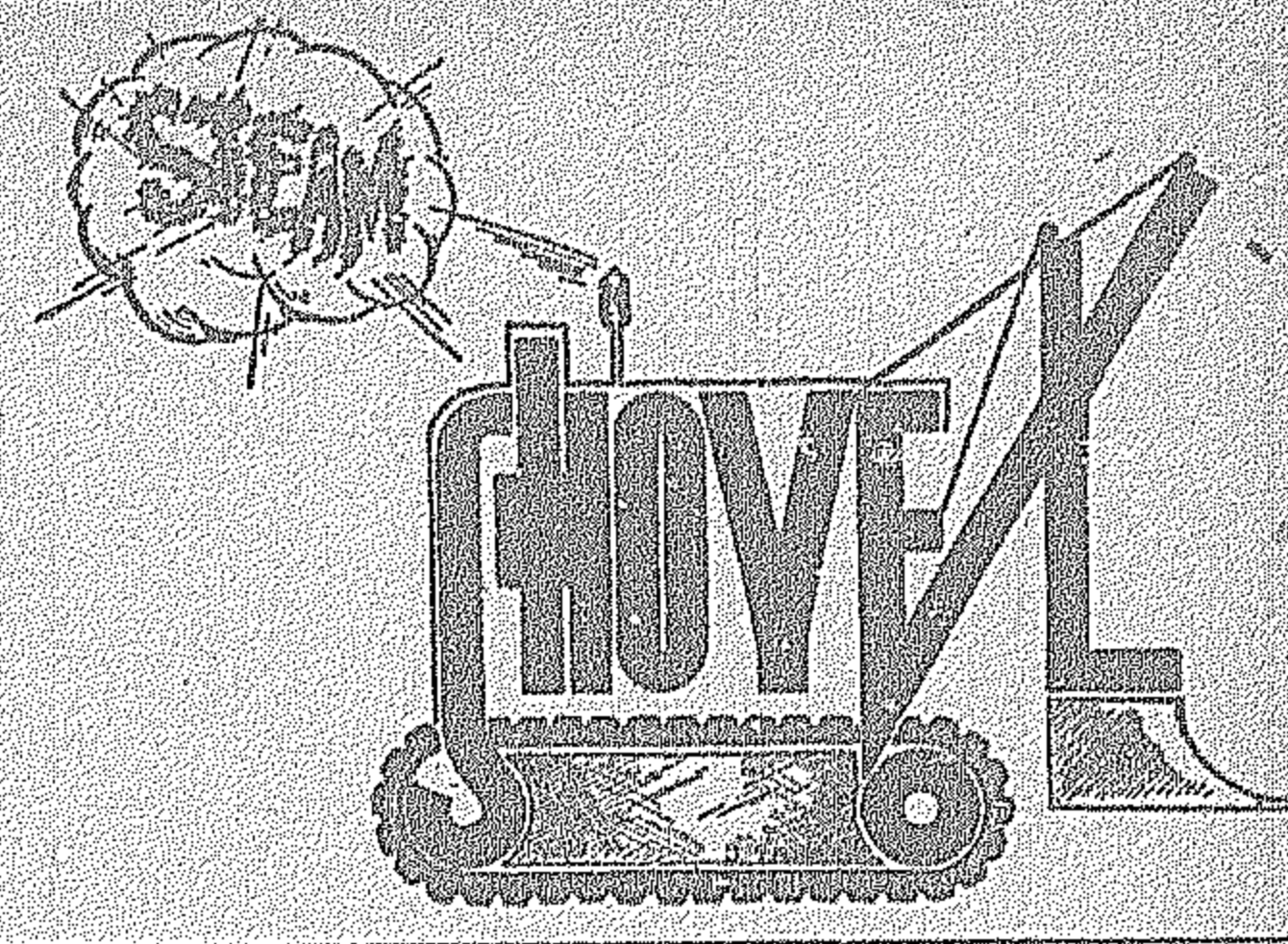
THOSE daffy Brooklyn Dodgers will be in town this week. They play the Chicago Cubs on Wednesday, Thursday and Friday at Wrigley Field. As everyone knows, anything can happen and usually does when the Cubs are in town.

And if anyone is wondering about when they'll be able to see the World Champion St. Louis Cardinals in action here, they have a long wait coming, as the Redbirds won't play in Chicago until September 10, 11 and 12. Or if the New York Yankees are preferred, a wait until August 15, 16 and 17 is all that will be necessary.

SATURDAY night is Opera night again, as "Carmen" will be presented in Soldiers' Field this week. Those who attended "Aida" last Saturday are sure to agree that these indeed are worthwhile occasions.

As are the outdoor concerts at Ravinia and Grant Park—you lovers of classic music don't want to forget that this is the season for these affairs.

The Grant Park concerts are held every night in the week, as well as on Saturdays and Sundays.



On Wednesday last, Vivian Lippert's a cappella "Hungry Ate" (Backas, Swan, T. Anderson, Krause, O'Connell, Oliver, Armbrust and "Jungle Jim" Waber) rendered the old classics in a midafternoon recital. Included in the repertoire were "The Old Beer Bottle", "Birmingham Jail", "Love's Old Sweet Song", "Sunshine", etc. The occupants were so pleased with the selections that, among other things, two copper coins were thrown in the general direction of the group.

Reflecting the senior mech traditions, Honor 1 pledged seven athletes at Mitch Goluska's tavern last Friday night. Beer and pretzels were in abundance to fortify these helpless souls for their ordeal. Jack Byrne, president, attended to the details. Pledges Tom Gavin, Warren Furst, Norm Schmitz and Augie Clemens applied too much counter-irritant internally, but the increased circulation induced on their respective derrieres nullified the effects. "Mary Ann" and "Suzy Q" have never seen so much action. Alumni in attendance, Pete Zemaitis and Warren Furst had an interesting conversation(?)—"Sonny" lectured (with Mary Ann in his right hand) and splashed beer over poor Furst.

John Butkus, newly appointed assistant in the civil department, has engaged in a new line of surveying—said "line" being concentrated in the outer office of the Placement Bureau. He was walking with her the other day, hand in hand, and judging from the dazed look in their eyes, they weren't talking about civil engineering.

Cliff Oliver, driving hard for the presidency of BTO, has shifted his base of operations to the cafeteria. He is especially susceptible to horn-rimmed glasses and glamour-girl hair cuts.

Latest report on Ulysses Backas' "pig-tail" romance finds Dan O'Connell—that telephone demon—fast emerging as the fourth corner of the triangle.

Bill Flynn, individualist turned sailor, has changed his views accordingly. Before he believed his unique line was the best but now he has resorted to the familiar "sailor-on-leave" technique. This was evident on his recent leave.

Rod Fraser's one and only, an Irish red-headed beauty by the name of Marge McDonald (telephone number unknown), bears a close resemblance to Greer Garson. They are inseparable, blast the luck.

It is surprisingly so, but every one of the sophomore class officers, from president on down, is in the same math class. This makes theirs a ruling class.

Sheldon "Kappy" Kaplan, dashing young civil of the freshman class, had such a good time convalescing from a recent operation at Michael Reese Hospital that he has been going back ever since to see a certain student nurse—to discuss his operation, no doubt.

Quarters 5, the Triangle home, was picked as the best house in house inspection for the second consecutive week... The navy welcome dance has brought social results already. Phil Rinck and Paul Swisher secured dates from two student nurses of Michael Reese Hospital. The dates are for Saturday night; shots are being given on Saturday afternoon. Do you think the sailors will ever get to the hospital vertically?... James Van Santen spends thirty valuable minutes talking to Mary Palmer every night. Such a waste of precious time. Besides, it is ruining the telephone love life of the rest of the house.

Personal to Bill Ostro, quarters 3:—fellows who have been telling you "here comes the C.O." and then stealing your chow when you turn around are none other than "Swede" Ecklund and "Buzz" Hillman... The title of "Calisthenics Gold-bricker Deluxe" has been awarded to George Schober... The he-man of house 4, "Lover" Spaulding, has been getting letters from Evelyn of Ohio, a gal unknown to Spaulding. The arrival of Evelyn's picture killed the boy's enthusiasm... Jumping Jack Kuhn of quarters 4 has given up all hope of doing this drill right.

Surveying—a group of mechanicals turned civil for a day finally did the impossible. They measured the height of all the five plugs around the block and when they came back to the original plug it hadn't moved. It was still exactly the same height. The members of this wonder group are George Kennedy, Martin Kinnavy, Bert Anderson, Stan Witmer and Burt Snyder (navy).

When Howard Dvorak was confronted with such results and asked what his mistake was, he said, "Taking this course."

"In the average classroom there are approximately two gallons of water vapor," says Prof. Daniel Roesch. Russ Apitz, senior mech, has now hit on the brilliant idea of condensing the vapor in taverns.

FOUR Softball Play Begins With Two Clashes

Eight More Slated For First Week's Action in Tourney

With ten games scheduled this week, play in the intramural softball tournament will begin Monday, July 26, with the following games:

Monday
Jr. Chems vs. Sr. Mechs No. 2 1-2
Sr. Civils vs. Sr. Mechs No. 1 2-3

Tuesday
Soph Chems vs. Soph Mechs No. 2 12-1
Jr. Juicers vs. Jr. Chems 2-3

Wednesday
Snug Gib vs. Soph Chems 12-1
Jr. Juicers vs. Sr. Mechs No. 2 2-3

Thursday
Jr. Mechs vs. Sr. Chems 11-12
Snug Gib vs. Sr. Mechs No. 1 1-2

Friday
Jr. Mechs vs. Sr. Mechs No. 2 10-11
Sr. Civils vs. Soph Mechs No. 2 11-12

According to Cliff Oliver, intramural manager, games cannot be scheduled for the following teams unless a list of their free time is turned into the intramural box in the Student Union lobby. The teams are: Cougars, Pre-Engineers, and A.R.X.

Umpires are needed badly, says Oliver, and anyone wishing to umpire should turn in his name and free time in the intramural box in the Student Union lobby.

Further announcements about the softball schedule will be posted on the bulletin board in the Student Union, Oliver stated.

ITSA MINUTES

The meeting was called to order at 2:20 P.M., July 20, 1943, by Harry Anderson, President.
President Heald, Dean Tibbals, Dean Clarke, Mr. Spaeth, Mr. Weissman, and Lt. Anderson of the Administration, Faculty, and Navy, were present. Earl Mills, Ronald Allara, Lou Wengel and Warren Furst of the Board were present, while 13 members of the student body were present at the meeting.
The budget was the first item of affairs at the meeting. Mr. Spaeth stated that the ITSA had about a \$10,000 surplus, approximately \$5,500 collected from the civilian students this semester, with about 280 Navy trainees yet to pay the prescribed amount of \$5.00 on August 1st, for a rough basis as to the size of this year's budget.
The yearbook representative presented the proposed integral budget, which would be \$.50 per student per semester. The remaining amount of money would come from the Integral's surplus. The Budget Committee was asked to consider this proposal.
Harry Anderson read the Tech News Managing Board's plan for their budget needs. They advocated a financial adviser who would be responsible for the financial status of the school paper. An operating basis was set at \$1.00 per student per semester and if more money is needed the ITSA would vote on the additional allotments. Mr. Spaeth was detailed to prepare a Tech News Budget.
Mr. Weissman named, Mills seconded that the Budget Committee set-up 50¢ per semester per student and \$1.00 per semester per student as the basis for the proposed budgets of these two school publications. Motion carried. Time of Budget is understood to be for one year.

The distribution of Tech News was discussed. It was suggested that identification cards or tuition receipts be used. No definite method was decided upon.
The election runoffs of the past week were decided to have been of poor quality and standards. Suggestions for improvements were offered; they included the following:
1. At least three men should run for an office; if only one runs, two others should be selected by the ITSA Board.
2. Have a public notice of all offices where only one man is running.
3. The president of the preceding year should select two others if a no-contest office appears.
4. The ITSA Board appoint a nonintending committee to add two candidates for all no-contest offices.
The Honor Board primary election was to be run July 23, 1943. Selections were made by department heads. Tim O'Leary suggested that any individual wishing to run may have his name placed on the Honor Board Ballot if he can get the Honor Board's approval. Article 10, concerning the All School Social Committee, was read by Harry Anderson and tabled to the next meeting.
The Army students' status at IIT was brought forth but was tabled because of lack of information.
Mr. Weissman named, Dean Clarke seconded that the ITSA Board waive the students' right to the 2% state sales tax refund in favor of the Illinois Institute of Technology. Motion carried.
It was re-established that Lou Wengel serve out his full term on the ITSA Board. Meeting adjourned at 4:10.

Honor I Becomes Honor 'Ouch' for 7 Who Become 'Bloomer Girls' for Week

Honor I became Honor "Ouch" last Friday night for the seven pledges to IIT's athletic honorary, as informal initiation took place with the time-honored customs predominating. The initiation was held off the campus for the first time in recent years because the usual site is now housing navy students.

Four of the athletes so honored, however, are now navy men themselves. Tom Gavin, letterman in both baseball and basketball, is one of these, as is Warren Furst, possessor of two major awards in baseball. Jack Shepherd, the third of the naval quartette, was honored

because of his work on the basketball court, while Norm Schmitz displayed his talents on the diamond.

Of the three civilian pledges, Gordon Fleischer and "Casey" Puchalski are also dual sportsmen, doubling in both baseball and basketball. "Augie" Clemens found recognition while tending the second base spot on the nine.

The initiation will continue for the entire week, prexy Don Maihock announced, and civilian men will be easily recognized by their athletic attire. Puchalski, Fleischer and Clemens will don girls' jumpers for the period, and will add to their attractiveness by sporting the latest hair bows and fancy garters. In addition, the former fugitives from a women's dormitory will display a beach ball and bushel basket for the edification of their prowess, while Clemens will carry the horsehide and hickory as a token of his supremacy in the baseball field.

Navy pledges, although denied the privilege of donning feminine dress, will not be denied every privilege. They have been instructed to write, in not less than 500 words, their reasons for considering themselves worthy of this honor, and how they attained this supremacy in their field.

IIT Fencers Unite; Browne to Coach

The IIT fencing team will be coached by Harry H. Brown, foundry instructor here. S. I. Hayakawa, professor of English, has been the coach of this team until the recent appointment of Mr. Brown.

The team, chosen from the membership of the Fencing Club, will meet Tuesday, Wednesday, and Thursday afternoons from 5 to 6 p.m. in 500 Main. All equipment except gloves will be furnished team members. No dues will be charged.



By BACKAS

On the east side of the Armour campus, in back of Chapin Hall, stands a wire fence. This fence surrounds a patch of land that has in the past served as a tennis court. Today, any similarity between tennis courts and this patch of land is purely coincidental. As far as tennis players are concerned, Illinois Tech has no facilities for tennis.

Every year the tennis team, which by the way is probably the most consistent winner in the campus, has had to travel to the University of Chicago campus to practice and play its home games. It seems that sometime in the last three or four years some effort would have been made to recondition the so-called courts on this campus, but the needed repairs were never made.

Now there seems to be a greater demand than ever for tennis facilities. The servicemen of IIT are restricted to a zone within two or three blocks of the school and many of them have shown a desire to play during their free periods (if and when they have any).

There has never been a better opportunity than this summer for a real honest-to-goodness intramural tennis tournament. And the fraternities would welcome a place for their tournaments with open arms.

If a demand was made to the administration pertaining to the reconditioning of the courts the reply would be (and probably rightly so) that the manpower shortage would not permit an undertaking of this sort. Therefore another method must be found.

After consulting with Coach Mike Schultz and Chet Swan (a braintrust of my staff) it was decided that a new club, consisting of fellows interested in tennis and under the guidance of Coach Schultz and tennis captain Dick Larson, would be started. This club's purpose would be to promote the interests of tennis on the campus. It would be a source of manpower for the reconditioning of the courts and it would help conduct tournaments in this sport.

All students interested in such a club should submit their names to either Coach Schultz, Dick Larson, or to me by way of the Tech News box in the lobby. * * * *

Sports Shorts

Intramural baseball swings into action this afternoon. Fourteen teams have entered and the competition should be keen. Teams to watch are the Senior Mechs #1 and the Senior Chems...

Ensign George Martin has informed me that the results of the first physical ed. tests show that the Navy men of IIT have, on the average, scored seven more points than the average of the various "Boot" camps throughout the country. Watch out, you Japs!!!

Former wrestlers Byron Round, Chuck Kill and Irv Slone write that they are in the cavalry of the U. S. Army, Camp Riley Kansas.

Former wrestling team captain, John Butkus, is now an assistant instructor in Civil Engineering department.

A few of IIT's more active souls have lately expended their energy in the old sport of pitching horseshoes. An intramural tournament in this sport will be held soon.

Those who love being ribbed and like work are asked to volunteer to the Intramural Manager Cliff Oliver as umpires for intramural baseball.

A glance at the army's ASTP physical ed. program gives me an idea of what the boys are really in for. The army considers twenty-three push-ups, thirty-two squat jumps, eight pull-ups and thirty-three sit-ups as an average performance. No wonder they ask you at the draft board if you can breathe.

I close now until next week. You Navy men are looking mighty healthy with all that sleep that you get. What a snap life. And oh for some of that food.

Bettyann Leads Way



—Photo by Loop

Bettyann Detterbeck, newly elected frosh secretary, bashfully enters Chapin Hall as her classmates Don Slager, Great Falls, Montana; Sheldon Kaplan, Irwin Sylvan, Leonard Markowitz, Gene Kristof, and Charles Mores (partially hidden), show their new officer the way.

Bettyann Detterbeck Becomes First Girl To Hold Illinois Tech Office in 51 Years

For the first time in the 51 year history of the engineering college of Illinois Tech, a girl is running campus affairs.

Bettyann Detterbeck, freshman mechanical engineering student who was elected secretary of her class last week by the unanimous vote of her colleagues, is the first girl to hold a class office in the engineering school.

Invading the engineering field, traditionally for "men only" doesn't seem unusual to Bettyann.

"Why, I've practically been brought up an engineer," she says.

The new secretary of the fresh-

men is the granddaughter of George L. Detterbeck, president of an engineering firm, and the daughter of Lester G. Detterbeck, consulting engineer.

At Lake View High School, where she graduated in June, Bettyann was an all-activity girl. She was editor of the yearbook and on the staff of the school paper. And in addition she participated in 14 other activities; debate, drama, glee club, senior service, civic forum, student council on world citizenship, girls' athletic association, and English, Latin, biology, chemistry, physics, history, and slide rule clubs.

Lease, Co-op Director, Leaves Illinois Tech After Heading Plan for 7 Years

After seven years at Illinois Institute of Technology, Leonard J. Lease, industrial coordinator and head of the Co-op plan, is leaving. His last day on campus will be July 31.

With the co-op program "out" for the duration, Mr. Lease has accepted a position in downtown Chicago.

To Mr. Lease goes the credit for the entrance and success of the co-op system of education at Illinois

Institute of Technology.

This plan was started at IIT in 1936 with a total of 82 students and 28 cooperating companies. In the seven years of its existence here its numbers have swelled to approximately 675 students and 140 companies. The first co-op class graduated in February, 1941. Since then three other classes have departed bringing the number of co-op graduates to 230.

Engineering Manpower Reaches All-time Low Schommer Tells of Industry's Need for Engineers

Graduate engineers can best aid the war effort by working on the production front, John J. Schommer, director of placement at IIT, told seniors at an assembly last Friday.

In a talk to the men who will graduate from IIT this October, Schommer pointed out that as an alternative to taking a position in industry, they might go to an officers' training camp. He spoke on their employment prospects as well as their standing with respect to the draft.

Schommer's chief advice to the class consisted of three words: "Keep on studying." He pointed out that the better educated a man is, the bigger his pay check and the greater his value to the community, and suggested that even after graduation a man should take at least one course every semester, even if it be only a correspondence course.

The seniors were cautioned to make sure that they have their placement records in Schommer's office, especially for after graduation. These records are important in many ways, even for those boys now in the navy, since they may find themselves in want of a job after the war. Besides this, hundreds of

boys have secured better jobs through the placement office.

The boys should talk to the interviewers and ask questions. They should not go to any firm which will not definitely state that it will send out a 42-A notice, which informs the draft board that the man concerned is essential.

Emphasizing to the seniors the tremendous need of industry for men with their training, Schommer quoted the Bureau of Statistics to the effect that forty to fifty thousand engineers are needed at present. "This is a conservative estimate," he said, "since it includes only those needed for the increased production due to the war and does not take into account replacements of men who are called into the armed services."

Schommer pointed out that successive Selective Service rulings indicate how the urgency of this demand has been increasingly recognized by the government.

The most urgent demand is from industries concerned with airplanes and airplane accessories, naval accessories (e.g., shipbuilding, etc., and ordnance. The fact that rejects of material have jumped from 2% to 18% is blamed largely on the lack of trained engineers.

Welcome Army—

500 ASTP Men Arrive on IIT Campus

Army Unit to Begin Courses On August 9

Arrival of Second Contingent Finishes Trek from Texas

Two hundred and fifty more khaki clad youths, the second contingent of soldiers to be stationed at Illinois Tech for the Army Specialized Training Program, arrived at the Institute Tuesday.

This second group brings the total number of men now stationed here to 500, 250 having arrived July 16.

Since the opening of their college training is not scheduled to begin until August 9, a series of refresher courses will be offered the cadets by the Institute for the next two weeks. The courses, designed to prepare the men for the five fields of engineering in which they will study, will be presented in lectures in the Student Union auditorium.

To be officially welcomed to the Institute by the administrative executives, the cadets attended an orientation conference last Friday in which the principles of their training were discussed.

Speakers at the conference included: Dr. Henry T. Heald, president; Dr. L. E. Grinter, vice-president and dean of the graduate school, J. C. Peebles, dean of engineering; Dr. Charles A. Tibbals, dean of students, and John J. Schommer, athletic director, and Major Clark Hopkins of the Sixth Service Command.

"The unit at Illinois Tech is ideally located as to accommodations and educational facilities," stated Major Hopkins. "The Illinois Tech unit should turn out to be the best of the 22 units in the Sixth Service Command."

Dr. Heald discussed the organization of Illinois Tech and Dean Peebles, the historical background and development of the Institute. Dr. Grinter, Dr. Tibbals, and Mr. Schommer discussed the set-up of the unit and the educational procedure that would be followed.

Courses in mathematics, physics, chemistry, and English, according to the administrators, will be conducted very much as the regular Illinois Tech courses are given. A greater emphasis, however, on the conditions leading to and the causes of the world war will be featured in the presentation of American history. Geography for the soldiers will consist principally of the economic factors involved in world travel and relations.

Physics will be organized so that laboratory periods will be provided, but the course in chemistry will remain just a lecture course for the first term.

ASME to Toss Coin To Decide Election

Handling the funds of the American Society of Mechanical Engineers will be the job of either sophomores James Leicht or junior Robert Burkart. At the meeting last Friday these men were nominated to fill the treasurer's office left vacant when Robert Osborne joined the Army.

James Cubbage, student chairman, says, "As meeting time is precious, this election will probably be decided by the toss of a coin."

The merits of joining a student branch of ASME were told by Professor John I. Yellott. The minutes were read by Clarence White.

First War Casualty on IIT Campus



—Photo by Bruce Kunde

The army truck which overturned when it struck a car at 33rd and State, injuring three of its twenty-one passengers, is shown still resting on its side following the collision.

IIT Has First War Casualty as Car And Army Truck Collide; 3 Soldiers Hurt

The armed forces at Illinois Tech have suffered their first casualties.

Three soldiers, United States Army students of the Institute, were injured Thursday morning when a truck in which 21 privates were riding was struck and overturned.

The truck, which was being driven east on Thirty-third street, was

struck by an auto driven by Jim Jones, 6006 South Racine Avenue.

The injured men were: Lewis Tatham, 18, who received a fractured right arm and lacerations about the face; Wallace E. Hilling, 19, lacerations of the face; and Frank Ander, 19, laceration of the hand.

The accident occurred on the corner of State and Thirty-third streets, a corner which Technology News has repeatedly campaigned for more safety regulations in the past.

Through the efforts of the student newspaper, Thirty-third street was declared by city ordinance a through street two years ago.

The Army truck was being driven east on Thirty-third and Jones was coming north on State Street when the two cars collided.

Tatum was treated at Michael-Reese Hospital, and then taken to the Chicago Beach Infirmary. Both Hilling and Ander were treated at Michael-Reese, but were returned to the Armory following treatment.

Jones was booked by the Stanton Avenue police.

Eleven Young Men in Key Positions Give Illinois Tech Youthful Flavor

Illinois Tech is a young man's school.

Proof of that fact is evident in the large enrollment of young engineering students at Illinois Institute of Technology.

But even more proof is offered by Illinois Tech's administrative and directional staff, which includes eleven young men, all experts in their particular fields. They have achieved nation-wide distinction and have received more honors and awards, yet not one of the group is more than 41 years old and two are not yet 30.

Heading the group of young men is President Henry T. Heald, 38 years of age. In 1940 the title, "outstanding young man," was conferred upon him three times, by city, state and nation.

The Chicago Association of Commerce named him the outstanding young man of Chicago for that year, the Illinois Junior Chamber of Commerce conferred the same honor upon him in the state and the United States Junior Chamber of Commerce selected him as one of the ten outstanding young men of America.

Illinois Tech's vice-president, Dr. Linton E. Grinter, is just 40 years old. Serving as dean of the graduate school, Dr. Grinter is a consultant to the Bureau of Training of the War Manpower Commission. In that position he advises the Commission on matters of technical education and training.

41 States, 5 Foreign Nations Represented in Army Unit

Hailing from 41 states of the union, the 500 soldiers billeted for engineering training at Illinois Tech this week represent every state in the United States except Alabama, Idaho, Maine, Mississippi, New Mexico, South Carolina, and Wyoming.

But regardless of their legal addresses, the khaki clad youths all appear native Texans. Each is tanned a swarthy brown after his encampment at Texas A. and M.

The state with the largest delegation is New York. Eighty-four of the men, now stationed in the 108th Engineers Armory, are from the empire state. Pennsylvania with 59, Ohio with 53, Indiana with 32, Illinois with 30, and California with 26 are the other states with large delegations.

Mainly freshman students, who have recently graduated from high schools and have completed their basic training, the soldiers are members of the first contingent of soldiers sent to Illinois Tech. They will study alongside 915 civilians, mainly Chicago and midwestern youths, and 691 Navy apprentice seamen, who represent 31 states and the District of Columbia.

One hundred and fifty-seven of the cadets, according to the first survey of the group, have been enrolled previously in other colleges. The college men have attended 125 of the nation's colleges and universities.

The college with the largest delegation is City College of New York. Seven students were former students there. The University of Washington is second with four students. Indiana University, the University of Pittsburgh, the University of Cincinnati, Wright Junior College, St. Thomas College each have three representatives.

Five of the army students were born in foreign countries. Koan Yee of Jamaica, New York, was born in Canton, China, and lived there 13 years. Gilbert Wagoner of Haw-

thorne, New Jersey, lived in Chile for 12 years. He was born in Osorno, Llanquihue.

The other three with foreign birthplaces are: Isidor Dawer of Brooklyn: Vienna, Austria; Arne Dahl of Bellingham, Washington: Volda, Norway; and Rubin Dakin of Los Angeles: Juarez, Mexico.

William Bartholomew of Portland was born in Manila.

For 15 of the cadets going to school means a monetary sacrifice and a demotion in rank in the army. They had risen to the rank of sergeant when they were made eligible for the army specialized training program. Their stipend as sergeants has now been cut to the \$50 a month basic pay of a cadet.

Tim O'Leary Elected Drama Club Prexy

Officers were elected and plans for a constitution were made at the first meeting of IIT's drama club, the Armour Players.

Tim O'Leary will preside over the group; Ulysses Backas will serve as secretary, and Miss Lou Meyers will be adviser and treasurer. The constitution is being drawn up by Cliff Oliver, Chet Swan, and Herman Mi-rochnich.

Any IIT students with dramatic aspirations are invited to attend the next meeting of the club which will be held on the first Tuesday in August. The meeting place will be announced later. Gamma Theta, honorary IIT fraternity, will announce its pledges at this meeting.

The club will meet once every four weeks, and entertainment will be provided at each meeting.

Lou Wengel 'Man Without Country'

Lou Wengel, coop representative of the ITSA, will retain his office even though there are no more co-ops. That was the decision reached by the ITSA last Tuesday after a short discussion.

It was decided that the board did not possess the power to oust a duly elected student officer in the middle of his term, regardless of the fact that the group he represented is no longer in existence.

IAES to Elect Officers; Aero Options Can Join

New officers of the IIT Student Branch of Aeronautical Sciences will be elected at their first meeting Monday, July 26 in Room 2 AL at 4:00 p.m.

All junior and senior students enrolled in the aeronautical option are invited to join the club by Albert Gail, faculty sponsor, who will preside at the meeting.

On Sale!
NOW

Lab Folders
3 for 5c
with brads

at
ENGINEERS' CO-OP INC.

4th FLOOR CHAPIN
1st Entrance

(See YOUNG MEN on Page 6)

Fraternity and Sorority News

Zeta Beta Alpha to Hold Cruise, Smoker

A moonlight cruise on Lake Michigan Saturday night, and a smoker Sunday evening, will be the order of the week-end for Zeta Beta Alpha, it was announced today by Jonas Korn, grandmaster.

Actives and alumni will join together Saturday evening for the cruise. The smoker, which is being given for prospective pledges of the fraternity, will be held Sunday at 6:30 P.M. at the home of Barton Malina.

Triangle Entertains Dean Tibbals, Huntly

Members of the Triangle Fraternity entertained its honorary members, Dean C. A. Tibbals and P. C. Huntly, professor of civil engineering, at a dinner held Wednesday at the new fraternity house. Lt. Martin Anderson, navy executive officer of the Navy V-12, was a guest at the dinner.

Active members attending the dinner included seven members who are apprentice seamen in the navy program. During the meeting Clare Puchalski, junior, was pledged to the fraternity.

The group held its first social

gathering of the "fall" term last week when the fraternity met for a beach party at the 55th St. promontory on Lake Michigan.

Rho Delts Pledge 11 at Beach Affair

Rho Delta Rho pledged 11 new men in its twenty-fifth tapping last week when the fraternity held a beach party off the promontory at 55th and Lake Michigan.

Officers for the pledge group were elected for the coming year. They are: president, Irwin Sylvan; vice-president, Bernard Pestin; and secretary, Harold Leftwich.

Other new pledges include: Irving Abramson, Jerry Fine, Archie Krugman, Shelby Rich, Norman Spellberg, Eugene Telsner, and Seymour and Norman Patinkin.

Over half of the active members of the fraternity are in the armed services, according to Earl Lichten, active president of the group. Sixteen active members are now at IIT.

Sigma Alpha Mu Pledges Eight Men

Eight new members were pledged to Sigma Alpha Mu at ceremonies held recently at the fraternity house, with Gerhard Hollander, president of Sigma Epsilon chapter of Sigma Mu, presiding.

Philip D. Sang, 1922 graduate of IIT and trustee of the fraternity loan fund, welcomed the pledges in the name of the alumni members of the fraternity.

The eight new members include: Stanley Lapin, Leonard Markowitz, Robert Lichtman, Bert Weiner, Seymour Serota, Willard Skolnik, Hy Weiner and Lee Schlesinger.

Sigma Alpha Mu, along with Rho Delta Rho, was one of the two social fraternities at IIT which did not have to evacuate their houses for the Navy V-12 unit.

Navy Lads Spruce Up



—Photo by Ulysses Backus
Lieut. (i.g.) M. P. Anderson makes certain his boys are shipshape as the V-12 unit undergoes its first inspection.

Navy Meals Build Stupendous Figures (for Statisticians at Least), Latest Survey Shows

If statistics don't lie, the navy men at IIT should never be hungry.

Figures directly from Vivian Lippert, cafeteria manager, show that the 391 apprentice seamen are "getting food, and plenty of it. The servicemen are fed seven days a week, averaging three meals a day, and to them it means "chow."—To Miss Lippert it means pounds of food to be prepared daily for navy consumption.

Beginning with breakfast, it takes 75 pounds of bacon per meal, 100 pounds of sausage per meal, to start all 391 sailors on their way for the day. They are served either bacon or sausage every morning.

For lunch a meat substitute is usually served, which averages between 85 to 100 pounds of meat, and in case the substitute is hash, 80 pounds of potatoes are added to the above meat average, states the cafeteria manager.

When it is dinner time for the seamen, the kitchen staff will have pre-

pared 200 pounds of meat, which includes those highly rationed chops, steaks, and frys, so seldom seen by civilians these days. In one week for dinner alone, 1400 pounds of meat are served. On Friday, Miss Lippert orders 150 pounds of fish. For a whole week, about 2660 pounds of meat are consumed by the navy.

If it were just meat alone, says Miss Lippert, it wouldn't be so bad, but there are all the extras such as vegetables, bread, milk and dessert that must be figured in for the average eater.

To serve ice cream to the 391, it takes 1200 slices or about 100 dozen slices for the week. One hundred twenty-five gallons of milk a day are emptied for thirsty navy men, and five gallons of cream are purchased daily.

The staff of life averages between 90 to 100 loaves a day, and when dessert is pie, some member of the kitchen staff has baked 73 pies for a single meal.

YOUNG MEN

(Continued from Page 5)
6092 persons have completed radio and Signal Corps courses.

Dr. Hobson also heads Illinois Tech's electrical engineering department. In 1940 his accomplishments in his field earned for him the title, "outstanding young electrical engineer," an award made annually by the American Institute of Electrical Engineers.

At 34 years of age, Prof. Yellott is director of the largest war training program in a single city and the largest at a privately operated college. Under his supervision 36,000 war technicians have been trained by ESMWT at Illinois Tech.

Head of Illinois Tech's mechanical engineering department, Prof. Yellott followed in President Heald's footsteps this year when he was named Chicago's outstanding young man by the Junior Association of Commerce and outstanding young man of the state by the Illinois Junior Chamber of Commerce.

Two more of Illinois Tech's outstanding young men head the Armour Research Foundation, one of the three largest institutions of its kind in the nation. Harold A. Vagtburg, 38 years old and a native of Copenhagen, Denmark, is director of the Foundation.

Through his personal enthusiasm and energy, Vagtburg has helped his vision become a reality. From a staff of three men, working quarters of three rooms and a budget of \$30,000, the Foundation has grown since its organization in 1936 until it has 200 persons on its staff, occupies space in four buildings and has an annual budget of more than a million dollars a year.

The assistant director of the Research Foundation, Dr. Francis W. Godwin, is only 32 years old. He has also been instrumental in the work that has made the Foundation famous.

In February, 1942, the Foundation was commissioned to make an industrial survey of Argentina. Dr. Godwin, a chemical engineer, directed the field party sent to make the survey and remained in Argentina until January, 1943.

Another outstanding young man has recently been appointed registrar of Illinois Tech. He is Dr. Charles W. Kepner, 36 years old and a national authority in educational administrative procedures.

While traveling abroad in 1932-33, Dr. Kepner made a survey of educational systems and education in general in countries of Europe and the Orient and in Russia.

Illinois Tech's treasurer and business manager, Raymond J. Spaeth, is only 35 years of age. Before joining the Illinois Tech staff, he served as assistant business manager and administration assistant to the president of American University in Washington, D. C.

The responsibility of informing persons off the campus about activities at Illinois Tech has been placed in the hands of two young men, neither of whom is 30 as yet.

Paul O. Ridings, who was recently elected a national officer of the American College Publicity Association and who is author of a monthly column in the magazine, *Publicity Problems*, on how to do publicity, keeps the public informed as he heads the Institute's News Bureau at the age of 26.

And Arthur E. Wright, 29, has the responsibility of keeping alumni informed as executive secretary of the Illinois Tech Alumni Association. Assuming his office when the association was as yet non-existent, Wright has directed its activities until it has more than 15 branch clubs and contributes a living endowment of more than a million dollars a year to IIT.

In his first year as secretary, Wright was even called upon by the American Alumni Council to speak at its national convention and explain how he has done this work.

So just as the U. S. Junior C. of C. annually names America's outstanding young men, so can IIT pay homage to its youthful leaders.

AS I SEE IT

(Continued from Page 1)
Failed to notice, it seems, is that Florence is also working full time (on the side).

IF YOU'RE slightly disturbed by someone who insists on pulling on your prettiest summer tie while sitting in the lunchroom, apparently doing no one the slightest harm, don't rise up in a fury and smite him to the floor, even if he is smaller than you are.

It would probably be a member of the student enforcement committee appointed to remind his fellow students that the lunchroom, between 11 a.m. and 2 p.m., has to be limited to the fellows who buy their lunches. A timely tip from chairman Ulysses Backus: "Remember the rule before somebody spills spaghetti on your quiz notes, and at the same time save wear and tear on your tie."

WGN TO SALUTE

(Continued from Page 1)
"Distinctive Service" will go off the air for the remainder of the summer.

Others who have been honored earlier in the series include; William A. Patterson, president of United Air Lines; Sir Charles Morgan-Webb, an outstanding authority in the field of world finance; and Dr. Rudolph Schindler, internationally recognized scientist in the field of cancer.

"For Distinctive Service" is sponsored by the Chicago Board of Underwriters. As a result, one of the features of Illinois Tech which will be discussed on the program will be the department of fire protection engineering.

Tech Time Table

Tuesday, July 27

5:00 p.m.—Fencing Team, 500M
5:10 p.m.—Orchestra—Auditorium

Wednesday, July 28

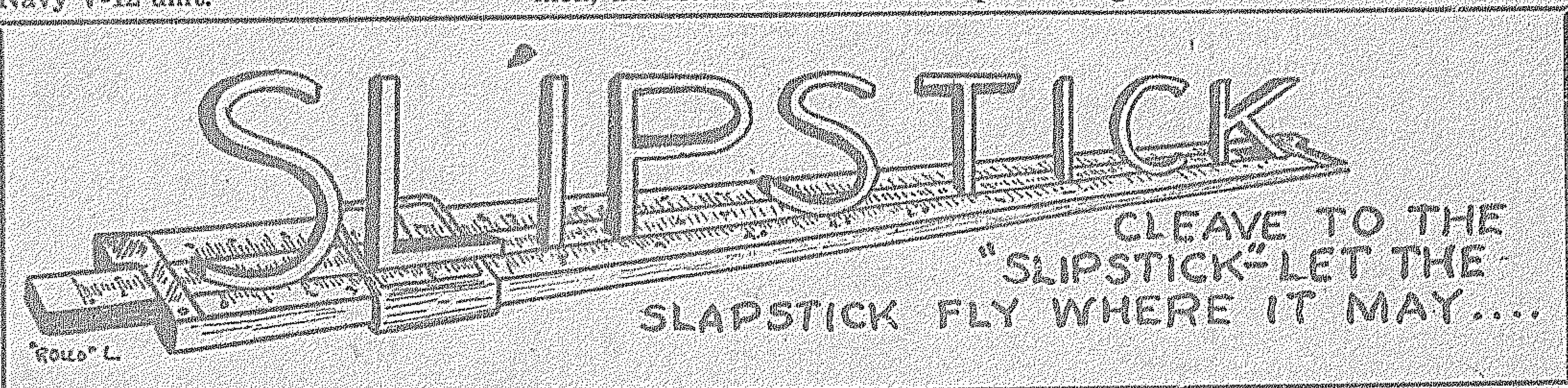
5:00 p.m.—Dance Club—Every one welcome—Auditorium.
5:00—Tau Beta Pi—Faculty Club.

Thursday, July 29

5:00 p.m.—Sphinx—Technology News Office.
5:10 p.m.—Glee Club—Auditorium.

Friday, July 30

10:00 a.m.—Math Club—214 Chapin.
2:00 p.m.—Phi Lambda Upsilon 406M.
10:00 a.m.—ASCE, 220C.



They were on their honeymoon and the train had just passed through a very long tunnel. They nestled closer, and oh what fun they did enjoy. As they emerged into the daylight he said, "Do you know, dear, that that tunnel cost two millions to build?"

"I don't care," she replied fervently, "It was worth every cent of it."

V V V
AN OLD ONE DUG UP

"It's funny this town population never seems to increase," said the traveling salesman to the postmaster. "Don't you have any births here?"

"Sure," said the P.M., "but every time there is one, about three fellows leave town."

V V V
Brrrr

Take away my iceman-husband—I get chills from his cold feet,
What I want is a red hot fireman
To exhaust me with the heat.

V V V
The maiden lay upon the sofa, taking a little snooze,
The villian crept into the room, ugly and full of booze.

He gazed upon her lovely form, but when he lamped her map
He muttered as he clenched his fist:
"Gwan finish your nap."

V V V
Marge—"Isn't she the homespun girl?"
Larry—"Sure is. Spins yarns, sows her oats, dusts off your bank roll, drinks needle beer and puts a stitch in your back."

V V V
When the honeymoon field's a bed of weeds
Where it once was a bed of clover,
And he snores at night—oh, yes, you're right—
The honeymoon is over.

V V V
AIN'T IT THE TRUTH

Many a little switchboard operator has landed a

sugar daddy by making the right connections for him.

V V V
THE SEAT OF TROUBLE

The widow of old COLONEL Morton Ploffbottle went to the cemetery where he was buried, laid flowers on his tombstone, then proceeded to sit on the grave. There happened to be a thorn half-buried in the grass where she sat down and she leaped to her feet with the yell, "Morton Ploffbottle, still up to your old tricks."

V V V
"Do you still see that little blonde you used to go with before you were conscripted?"

"She's married now."
"Answer my question."

V V V
SOLDIER: I gave my girl a wonderful present last night.

SAILOR: I gave mine a wonderful past.
The sailors may have a sweetheart in every port but the soldiers seem to have one on every davenport.

V V V
HINT TO THE GOBS

The girls who long to kiss aren't the ones who kiss too long.

V V V
The camp barber thought he'd kid the bald officer.
"Your head feels just like my wife's cheek," he chuckled.

The bald man felt of his own head, then said, "By golly it does, don't it."

V V V
C.P.O. So you want to be a navy hostess—had any experience?

APPLICANT: Oh, yes sir. Some very wonderful ones.

V V V
That's enough of this corny stuff. I guess I'll study a little—Say that's a swell breeze coming off the lake, guess I'll go for a swim.—Girls too, ah life. Solong.
Biss (snuffy) Smith