

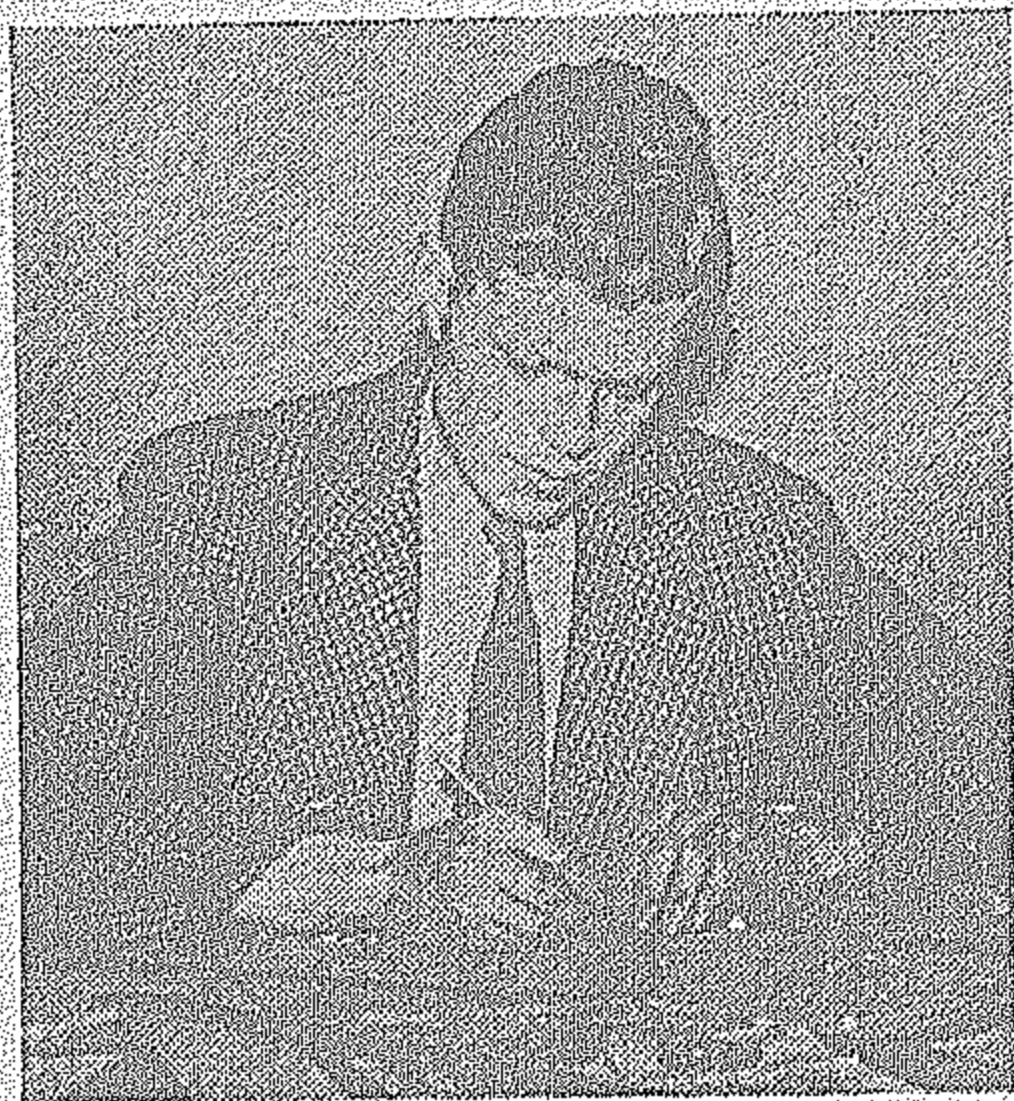
Schommer secures Armory for Tech gymnasium

Hugh Story resigns; Bechtolt assumes managing editorship

Managing Board appoints Keigher new sports editor

After faithfully and earnestly serving the TECHNOLOGY NEWS as managing editor for nearly three quarters of the year, Hugh Story, resigned his position last week. His decision in relinquishing this task was affected by his increased activity as president of the Illinois Tech Student Association, governing body of the school.

Hugh Story was elevated to the post of managing editor from that



Hugh Story

of assignment editor in January, 1942 at the annual staff change. During the summer session Hugh guided the sprightly "Armour Gazette" as editor-in-chief. The informative, educational and entertaining "Activities Handbook" distributed at the opening of the fall term to new students and freshmen also engaged literary and organizational talents of Mr. Story in his capacity of co-editor.

Robert Bechtolt, formerly sports editor accepted the vacated mantle of managing editor. Bechtolt's position was filled by elevating the venerable D. J. Keigher, former and fire protect, from his former altitude as associate sports editor.

• Tech timetable •

Tuesday, October 20

- 1:00 General assembly in Student Union.
- 2:00 Sports meeting in Lewis Gymnasium for all male students.
- 4:00 Kappa Phi Delta Rush luncheon served in sorority apartment 606.
- 6:30 Managing Board of TECHNOLOGY NEWS argues in Editors' office.

Wednesday, October 21

- 10:00 Army-Navy general assembly in Lewis auditorium for all west campus students.
- 4:00 Radio club meets in 111C.
- 5:10 Senior announcement committee in U2E.
- Swimming candidates in U2W.
- SAM meets in 202M.

(see TIMETABLE on page 9)

J. Schommer, esquire, opens goat hunting

"The open season on the white, hairy beasts of football is now on," says John J. Schommer, noted football official, former Chicago all-American griddier, and for the last 20 years director of athletics at Illinois Institute of Technology. He makes this statement in "Where's That Goat," an article appearing in the November issue of Esquire magazine.

Schommer contends that "though not tabulated on the sports pages, goat hunting is one of the great American sports." Or in other words, he reports that football officials get paid mostly for taking the rap from sports writers, fans and coaches for making honest decisions.

Schommer, who has been prominent in midwestern football circles since his all-American days at Chicago in 1907-09, being a Big Ten official from 1912 to 1941 and a National Professional official since and a former member of the Inter-Collegiate Football rules committee, recounts many of the problems of the officials. He points out that four officials can't possibly see all infractions of the rules and that football rules actually have but 75 to 95 per cent coverage of all the things that might happen in a football game.

ITSA finds one-half bar of Ivory soap in its nice, new, neat nest

by Jim Gittelson

The pigeon has come home to roost! After endless years of flitting about the campus, nesting behind doors, in corners of the cafeteria which the freshmen hadn't taken over yet, under tables and over them, whenever business had to be transacted, the ITSA, that voice of undergraduate activity, has at last found a "nest"! The "nest" is a beautifully appointed office in 112 Chapin; physical assets as follows:

- Two (2) desks, lacking one (1) drawer
- Three (3) chairs of various description
- One (1) wastebasket (in good shape)
- One radio, one generation removed from Uncle Pud's crystal set
- One-half (1/2) bar of 99.44% pure Ivory soap, slightly used

However—"be it ever so humble, there's no place like home". The important thing is that we now have a central clearing house for student affairs.

Kaluzna explains election procedure at frosh meeting

The opening gun of the Armour freshman class election was fired last Friday, when Irving Kaluzna senior advisor, conducted a frosh class meeting. This, the first scheduled meeting, was for the purpose of giving the whys and wherefores of the method of electing the temporary frosh officers, president, vice-president, secretary, treasurer, social chairman, ITSA representative, and Student Union board member. The election is to be held next Friday, October 23, and nominating petitions must reach the ITSA office in Chapin Hall by next Thursday. All freshmen, except co-ops, who will elect their own officers at a later date, are eligible to run, providing they submit a petition. These petitions are to consist of sixty names each, and no one can sign the petitions of two candidates for the same office.

About a dozen early birds who had petitions in circulation, were lined up at the meeting so that the voters could see who was running for what office, but this does not close the gate to other potential politicians.

"The class of '46 has an opportunity to really add to the Institute," Kaluzna said, "and with good leadership you can do it." So let's get the cream of our freshman leaders into the race, and voters, choose your men carefully. They will represent you.

Democracy...

"The aim of true democracy is to secure the active participation of every individual up to the limit of his capacity in the conduct of all his social, vocational and political affairs." We are fighting and dying for the preservation of democracy over the totalitarian way of life.

Think! You may die for democracy! Is it a vague philosophy or a working system that you are a part of and participate in? "This is not a time for appreciation—it is a time for participation—Democracy is something to be worked 365 days a year."

The principles we are now fighting for are the very same which apply in the conduct of school affairs. In this small scholastic world of ours centering about Illinois Tech, we the students are the "people" and the ITSA our governing body. Good government can come only from an alert democracy fully cognizant of its duties and obligations in the selection of members of the governing body.

This week you have the opportunity to elect your class leaders. Your student union representative is responsible for the successful operation of the Union building, your ITSA representative for the wise distribution of \$35,000 of your money. This is democracy, this concerns you. VOTE!

HUGH STORY
President ITSA

Yellot to address National Safety Congress

IIT staff members will play an important part in the forthcoming National Safety Congress to be held in the Hotel Sherman during the week of October 26. Professor Yellot will speak to the Cement and Quarry section on, "Training for War Industry," on Wednesday. In a symposium on Safety Education, Professor Yellot will speak on the subject "College-Level Safety Training." Mr. Ernest Beaumont, Safety Director of the Peoples Gas, Light and Coke company, and one of the safety instructors, will present the instructor's point of view. Dr. Jack Hazelhurst, prominent in the Personnel Training activities of the War Training program, will conduct the special early morning section, which is a feature of the Safety Congress. Mr. Edmund Sheehan, vice-president in charge of Foreman Training in this program will speak on this subject. IIT's Industrial Safety Engineering course will be represented by a booth at the exposition which is a part of the National Safety Congress.

New facilities to provide for 1500 students

For the past month Professor John J. Schommer has been negotiating for the use of the 108th Engineers' Armory on Wentworth as a gymnasium for the IIT student body. This has involved negotiations with Governor Green, Adjutant General Boyle, and Major Higgins, custodian of the armory.

Due to the fact that good physical condition is a prime requisite, not only for the armed services, but industry as well, it is necessary for students in the officers' reserves, to adhere to a rigorous course of physical training. Therefore, to provide these facilities for approximately 1500 men, the inadequate facilities of the Institute had to be augmented by additional equipment. The negotiations ended this week with a settlement for rental of the armory which is equipped with approximately 500 large steel lockers, shower rooms, and seats. The armory will be open between 4:00 and 6:00 p.m. It is contemplated by "Uncle John" that additional equipment for two extra basketball courts and for at least one volley ball court will be purchased.

Physical training will be compulsory for all students registered in the various reserve corps. It will be necessary for every individual who partakes in this training to undergo a medical examination and show a certificate of physical fitness.

Rho Epsilon builds station

In the light of present day developments and the subsequent increase of the importance of electronics and radio in our lives, it was with some jubilation that the radio society announced their construction of a new radio station.

In itself, this development is of considerable value, inasmuch as it is the first in the history of Armour or Illinois Tech. Of equal importance is the fact that it is to be of the newly heralded frequency modulation type. Call letters have not yet been assigned, but will be received upon completion of the unit.

Sponsored by Rho Epsilon and with the advice and counsel of the electrical engineering department, this project is being constructed entirely by students. Joe Whiteman, a transmitter engineer, is technical advisor. Students now enlisted in the United States Army Signal Corps are assisting in construction work and will later take part in operating the station. All branches of the armed forces use frequency modulation radio sets.

There are in the vicinity of the metropolitan Chicago area some 12,000 F-M sets and it is to these that the programs will be broadcast.

The transmitter will be located at Lewis while the studio will be installed at Armour. Regular series of broadcasts have been scheduled

ITSA Action . . . ITSA Action . . . ITSA Action . . .

Last week's paper carried a pertinent editorial concerning the past work of the ITSA. Some of the criticisms made were perfectly justified; many may have confused the reader. To clarify the issue and denote the progress of the past, and advances of the present, this editorial has been written. A democratic government always brings forth criticisms. Therefore, the democratic gesture is to acknowledge and correct the faults if they exist.

Three meetings of the ITSA were convened during the summer session. Inasmuch as the seniors were, more or less, the only students present—other classes being on vacation—no functioning of the ITSA as the governing body in manners of general decision was possible without representatives of the freshman, sophomore and junior classes.

To foster class organization and the systematizing of all interclass relations the ITSA Board appointed a co-ordinator of campus activities, Don Keigher. Keigher has arranged a very complete schedule of campus activities for several months hence. A campus calendar covering the activities of the current school year will be posted in the Union lobby this week. To properly orient the freshman and new student in the customs, traditional and general physical plant of Illinois Tech the ITSA published the "Activities Handbook."

Any deferment in the run-off of class elections may be attributed to a conscientious desire for cooperation with the co-ordinator of campus activities. Necessary time was allowed for new students to become acquainted. Each class having held its meeting last Friday is now prepared to nominate and elect efficient officers. To properly familiarize the student with the procedure of class elections as held at Armour the ITSA issued bulletins for the respective classes.

Concerning mass meetings, the ITSA promoted the all important "Health Plan" Assembly during which a plan for student hospitalization and medical care was presented. This plan, subsequently accepted by the

student body in a referendum vote, is now before the Board of Trustees for final approval.

The ITSA in its promotion of interclass and intramural activities carries forth its part in the appointment of an intramural manager, Ken Jacobs, and an assistant manager, Pete Zemaitis, whose duties are to plan tournaments, schedules, etc. Provision of necessary equipment and the awarding of medals or trophies to tournament winners is also a function which is assiduously carried out.

The constitution of the ITSA provides that a budget must be prepared and submitted for approval by the board on or before the 30th day of the school year. Compilation of the budget for the ensuing year hinged upon the decision of John J. Schommer concerning the "War Physical Training" program. That decision was rendered last Friday, October 16, and publication of the budget will follow within the week.

Continuing its program of student service the ITSA's most recent achievements are the acquisition of an office, music for the lunchroom and the construction of new touchball fields. An office at 112 Chapin Hall has been secured for ITSA use. Here students may confer with their representatives on such matters that may require ITSA attention.

The usual noisy clatter of the cafeteria will be muted by the strains of the current favorite orchestra as broadcast over the new public address system. This music will be heard daily from eleven to one; an ITSA appointed student will take care of record changes during this period. The installation of the system is being carried out by Rho Epsilon, ITSA providing the materials.

During the past week the maintenance department has been surfacing and conditioning the area east of Ogden Field for intramural touchball fields, two and three. This action followed a conference with president Heald by a representative of the ITSA.

ITSA HAS ACTED!!!

HUGH STORY,
President, ITSA

Editor's letter

Dear Sir:

In the October issue of TECHNOLOGY NEWS one of the students of Illinois Institute of Technology soundly berated the present policy of general assemblies. Some of the facts stated by Mr. Bruce Worcester are correct. But I hasten to add the reasons and justifications of the present policy.

Last June the ITSA board appointed the Student Union Board of Control in charge of co-ordinating the various activities on the south campus as well as handling the campus calendar. At the first meeting of the SUBC the policies for carrying out the program were laid down. In a meeting with Dean Peebles the following policy was evolved for the use of 10:00 a.m. Fridays (weekly free hour).

Each Friday is allotted on a pre-arranged basis to the professional societies, WSE, class meetings and extra special assemblies. It was further decided that the lounge, cafeteria and library should be closed during this hour. Also no intramural equipment is to be allowed out or used during this same hour.

In one way this may seem to be dictatorship to some students. But most of the students fail to understand the reason and privilege of having all classes excused at 10:00 a.m. on Fridays. It was scheduled by the Registrar's Office as the one hour of the week at which all the various meetings could be held without interfering with classes. The hour was given not as a recreational or study hour but as a free hour for all classes to attend meetings. Hence it is justifiable to close all recreational and study facilities to induce or shall I say further swell student attendances at the many meetings each week.

But to further clarify our policy I will state a few points I would like all readers to remember about 10:00 a.m. Fridays.

1. Compulsory attendance is required at the most important of assemblies.
2. All study facilities are not closed. All the many classrooms are still open for use.
3. The cafeteria is only closed for 40 minutes instead of the full hour. For those who must eat during that hour the doors are thrown open at 10:40 a.m.
4. There is no need for sports equipment being given out at 10:00 a.m. The intramural program does not allow for any athletic activities at that hour.

DONALD J. KEIGHER
President of SUBC

Cafeteria Report—

The following is a report of the income and expenses of the Armour Cafeteria for the year ending August, 1942:

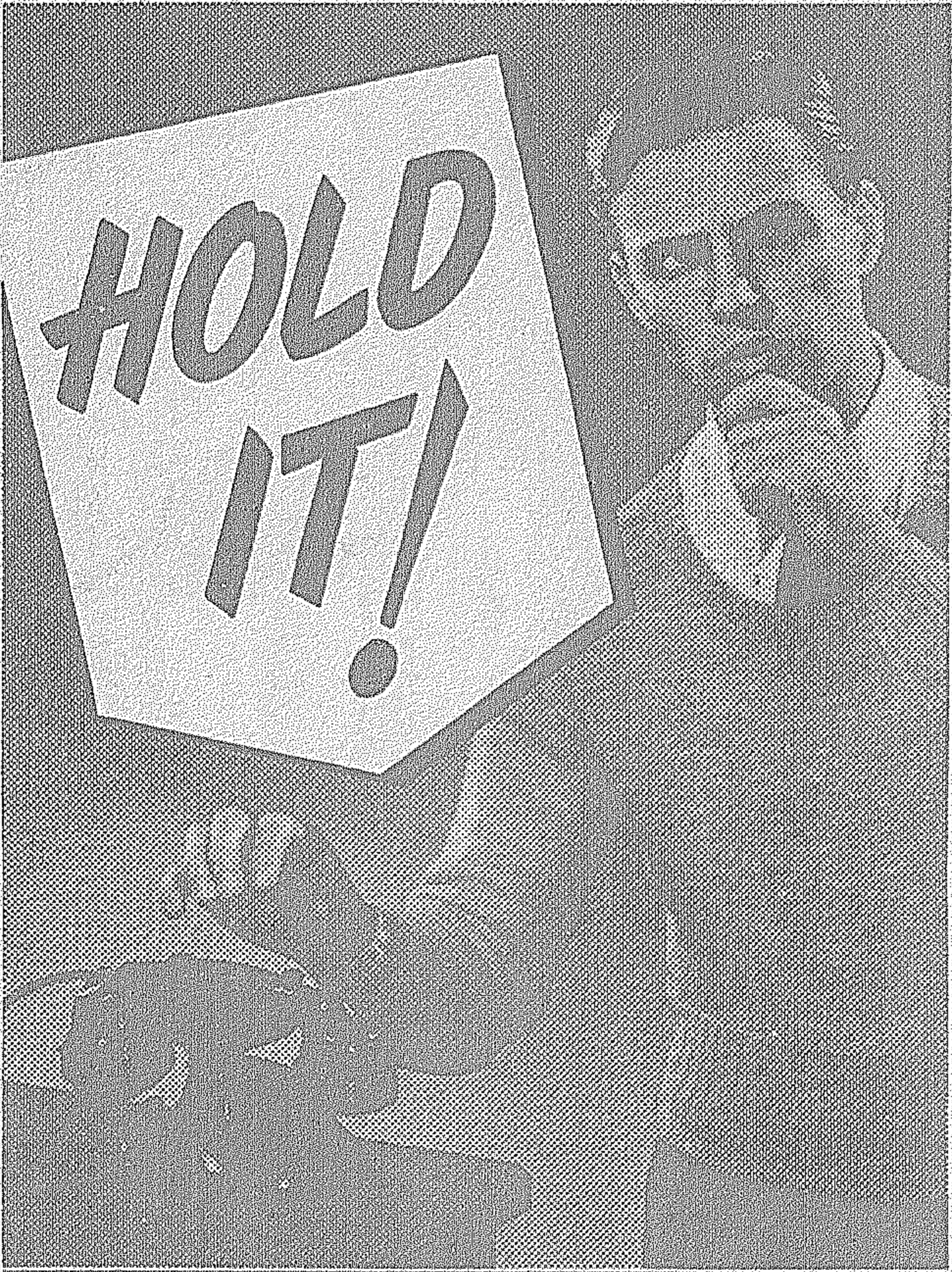
	Amount	Per Cent of Sales
Cafeteria Sales	\$63,146.77	100.0
Expense:		
Direct:		
Food	\$33,779.84	53.4
Fountain	5,307.82	8.4
Cigarettes	3,571.70	5.7
Kitchen supplies	1,868.94	3.0
Maintenance	944.38	1.5
Equipment	2,546.41	4.0
Sales Tax	1,447.22	2.3
Salaries and Wages	14,730.20	23.3
Total direct	\$64,196.51	101.6
Indirect:		
Heat, Light, and Power.....	\$ 1,200.00	1.9
Telephone	100.00	.2
Administration (including buying, accounting, supervision, etc.).....	1,994.40	3.2
Total indirect	\$ 3,294.40	5.3
Total expense	\$67,490.91	106.9
Net Loss.....	\$ 4,344.14	6.9

The Armour Cafeteria operated at a loss of \$4,344.14 for the school year ending August 31, 1942. A study of the above statement will show there was even a loss of \$1,049.74 after deducting the direct costs of food, supplies, and labor.

Since present management has resulted in a loss there was but one immediate solution—raise prices. This was done. There is another solution—better management. This is expected in the appointment of Miss Vivian Lippert as the new Director of Food Service of Illinois Institute of Technology.

Financial statements on the operation of the Cafeteria will be made available monthly. If a surplus instead of a loss results, the following improvements will be made in this order: (1) improve the service, (2) serve better and more food, and (3) reduce prices.

If a more constructive policy of improving the Cafeteria operations is possible, the administration would welcome your suggestions. The increased student enrollment has added a new burden to the cafeteria management. Cafeteria facilities are not adequate to handle satisfactorily the volume. Regardless of that, improvements can be made. Your patience for another two months is requested.



Before you call Long Distance, please ask yourself:

1. Is it really necessary?
2. Will it interfere with war calls?

TELEPHONE lines—especially Long Distance circuits—are crowded as never before, these war days. Materials to build new lines—copper, rubber, nickel—are needed for the shooting war. So we must get the most out of present facilities.

You can help us keep the wires clear for vital war calls if you will do these two things: (1) Don't call Long Distance unless it's urgent; (2) Call by number if possible and please be brief. Thank you!

WAR CALLS COME FIRST!



•Nest
(continued from page one)

direction of Ken Jacobs, intramural manager. Regular postings will be kept of all intramural programs, game schedules, scores, and standings. So—

Come on, come all
To Chapin Hall
To gripe and smite and criticize.
And make your howls heard to the skies!
What's that racket? Hear that din?
That's Tech's men fighting to get in
To 112 Chapin. Heed the call
And visit our new waiting wall!

Cafeteria chaos calls for action now

Many solutions offered for lunchroom problem

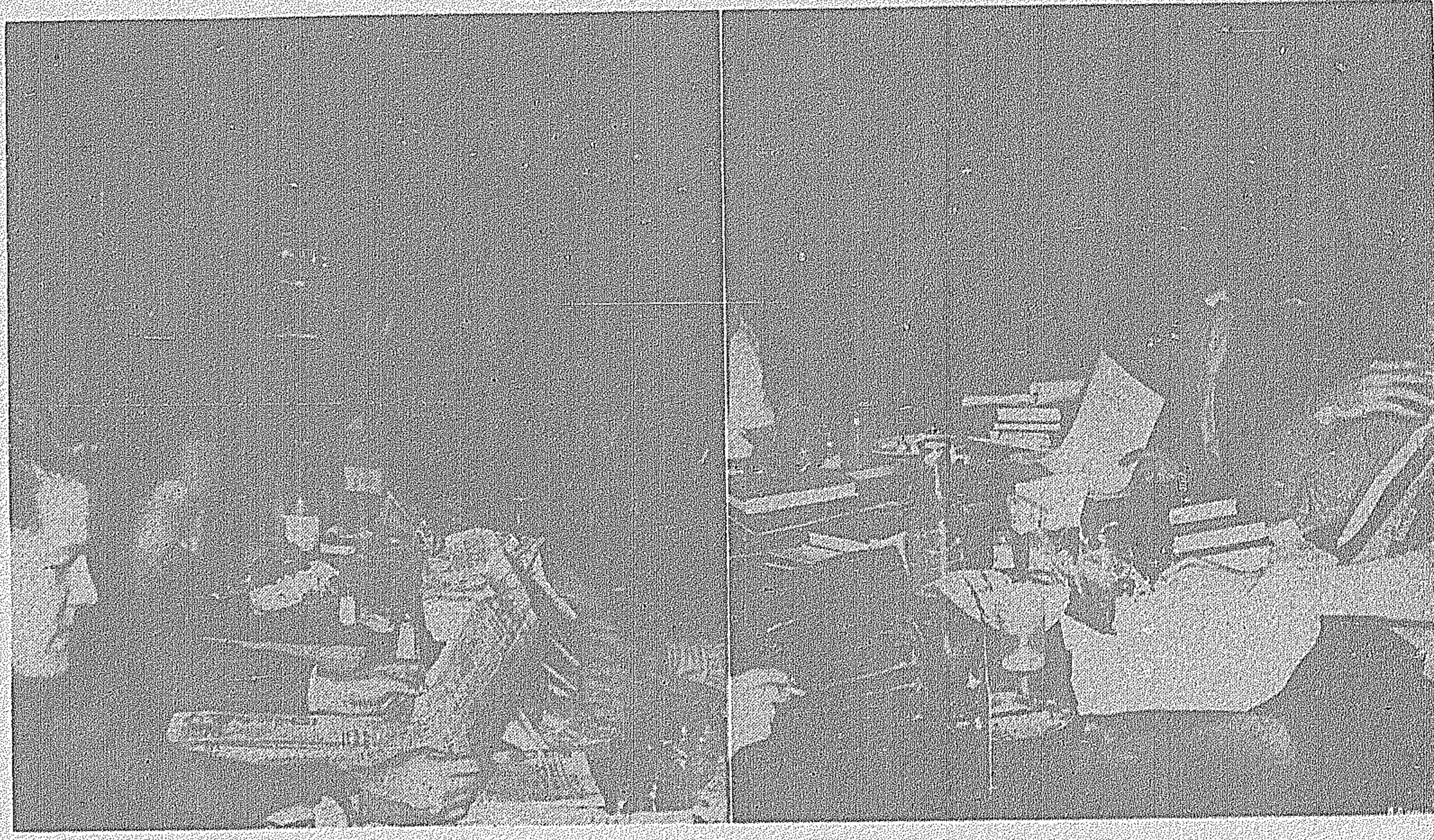
Short-orders offer one of many problems. One must be alert to get service. Likewise one must be husky to get to and away from the counter. To alleviate the confusion it is suggested that another rail be installed, and that a line separate from the others be formed.

Double and triple lines at the cashier's desk offer another problem. The lines come from the short-order stand, the regular dinner line, and from the fountain. One must wait for traffic to clear. Then having gotten your slip, you pay the cashier. Here is a conundrum. The cashier adds up your meal the second time while you wait. Many times the cashier and first teller smilingly fail to agree. Fine, the next slip is fixed and more time is killed. Looks as though one of the two is unnecessary. The cashier's corner thus offers three problems: the multiple lines, the waste of time and uselessness of a slip-tallier, and the confusion caused by the proximity of the fountain.

Proceeding to a seat, one is immediately struck by another problem. There is nearly always a stack of dirty dishes, cups, glasses, trays, and lots of dirty papers on the tables. Not enough help seems to be the cause. More help is obviously one answer. Although the cafeteria is now advertising for busboys, few answer. We suggest that the wages be raised.

Finding a seat is quite a problem. Students studying, exchanging the latest in choice scandal, eating their own lunches, and just resting, occupy seats that might better serve a student who wants to eat the food he had so much trouble in getting. Opening of other rooms for students who bring their own lunches is a suggested answer. Likewise it would help to enforce the ban barring studying in the cafeteria during the rush hours. More room, of course, is an answer, but that seems unlikely. Student cooperation in moving out faster would also help.

The lunchroom problem thus turns out to be a series of problems that begin when one enters the room and do not cease until an exit is made. Even then a problem may lie heavy upon your stomach, but at least you did get food. Complaint upon the quality and price of the food has died down, perhaps due to the new problems.



Upper left—The latest in news, or when was this table cleaned off last. Shows that some have eaten their own lunch there.
Upper right—Homework and more homework. All amidst the confusion of a dirty table.

Lower left—Get 'em hot! The short-order counter, root of much trouble.
Lower right—Waiting in line. Slow service here apparently.

Your baby, Miss Lippert

"Hey, Joe, I think there's two over there."

If you got a seat in the lunchroom, congratulations, Joe. We know it wasn't easy. We know there is a continuous chaotic babble of students in the cafeteria during lunch hours. We know it isn't easy to get food and we know it's not appetizing to eat it surrounded by litter from the previous hour. We believe these things are conditions of acknowledged fact and we believe there is cause for a change.

Short-orders a mess at the beginning of the line, but when students line up double and stick an elbow in your gravy at the cashier's desk, the situation begins to get you. By the time you've waited, paid, and tcted your tray around looking for a seat, your enthusiasm for food begins to fade. And as you sit down finally, and notice the papers, dirty dishes, and the trays

generously distributed near you, that appetite has completely faded. The food tastes flat, whether it is or not.

Our ambitious lunchroom committee and the ever-loving administration have neglected the matter. The committee has made half-hearted attempts to help, but lacks thought and pep. Now it is waiting for the new boss to arrive. The administration, having called for Miss Lippert, is recounting the greenbacks they collected from the umteen-hundred freshmen, and does not wish to be disturbed by the suffering students.

Some problems are presented on this page. Some solutions are also offered. Miss Lippert is guaranteed to have her hands full because the students will insist on decent conditions. We want the cafeteria cleaned up. Let's have something done—and now!

Student opinion asks change in lunchroom

Student opinion is united in saying that the lunchroom situation must be altered. The crowd, confusion and messy tables have caused more students than ever to bring their own cold lunches. They are inconvenienced by the necessity of eating wherever they can find room. Meanwhile those who must eat in the cafeteria find no particular pleasure in doing so.

Pictures on this page show the standing room only situation that exists during the rush hours. Illustrated also is the short-order stand, seat of many a crushed toe, and the cause of much of the confusion that exists from one end of the counter to the other.

Doing homework in the midst of empty bottles, papers, trays and dirty dishes is also pictured. Heretofore the lunchroom has been available for study, now if one studies there he is occupying valuable space. The admittance of so many freshmen has caused a problem of space that no one has yet solved as far as the lunchroom is concerned.

Also illustrated is a typical row of tables, littered from one end to the other. The cashier's corner, center of many a problem, is likewise given a space of its own. Here are found the problems of who's first at the teller, what shall be done with the fountain, and is the double check system necessary. Confusion, delay and many an injured extremity emerge from the corner.

From lowly frosh to wornout senior, from secretary to professor, the cry comes for a change. Junior Ray Tubergen claims that, "there just aren't enough things in the right places. No room, no seats, no service, and no organization."

Sweater-girl Ruby Lempke joins in the cry for a change. Claiming that one meal there was enough, she plans to bring her own lunch until the situation is improved.

Instructors claim that they never saw anything like it in their undergraduate days and have no desire to see the mess perpetuated.

Quotations and statements from students by the hundred are available. But the theme is always the same. Many have solutions, many attribute the effects to different causes, but all insist on a satisfactory settlement.

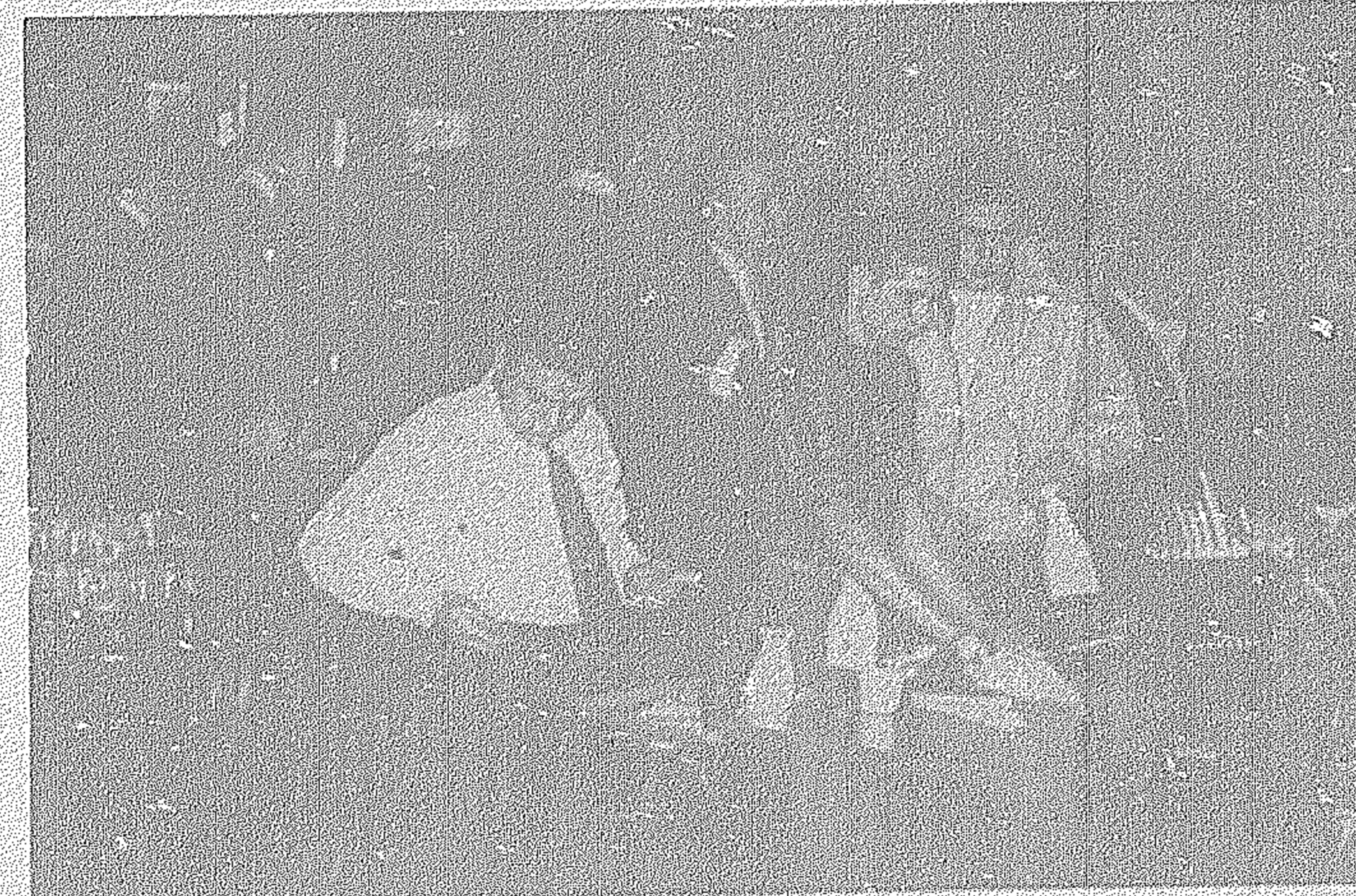


Left—Crowded to the ceiling and from end to end. Standing room only and that's what many seem to be doing. Meanwhile the line at the counter slowly grinds out none to add to the crowd.

Right—Double line; waiting to get in line; waiting for the check; digging for the dough; fountain service—are all shown.

PHOTOS BY ED JOHNSTON

TEXT BY HARRY ANDERSON



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Associated Collegiate Press

War Work?

When the war first started an EDT program was started on the campus. Since its inception, less than two years ago, the program has grown into one of the major programs, if not THE major program of the institute.

Under this program a certain amount of student aid is required. This aid amounted to about one hundred dollars or so every two weeks at the start but now it has become a two thousand dollar per week payroll, average.

When the program started, there was a group of boys that were willing to spend extra time in working for the program. As ESMWT, as it is now labeled, grew this group of boys were able to move in on it.

As a result of this condition certain filthy rumors were started. Among them, the Mechs control the war training work, the boys gamble their money away at cards and dice, and do not use it for their education, the boys working put down more hours than they work, and there is free money to be had.

This editor got in awful hot water investigating these rumors, but the result is worthy of explanation.

The Mechs did control the majority of jobs. The Mechs do hold the better jobs. This is because they were and are willing and need the money bad enough to sacrifice certain scholastic gains to make the money. They have the seniority. As it stands today, the program still needs men and Weissman says there is absolutely no discrimination. Work is available periodically and the program gets the men when they need them.

Practically all of the Senior Mechs will be through in February and a more balanced program will result.

So far as we can check, there has been no card playing or gambling of this money, lately. If there ever is, it means discharge of the boys participating.

The boys do put down more hours than they work. One reason is that under the program the boys are allotted time for car-fare. They do not work very hard in some jobs and many sit down two hours out of the four; this is due to the nature of the work.

If anyone figures that this money is free, Weissman will teach you differently. This is war and every cent wasted means less battleships and airplanes.

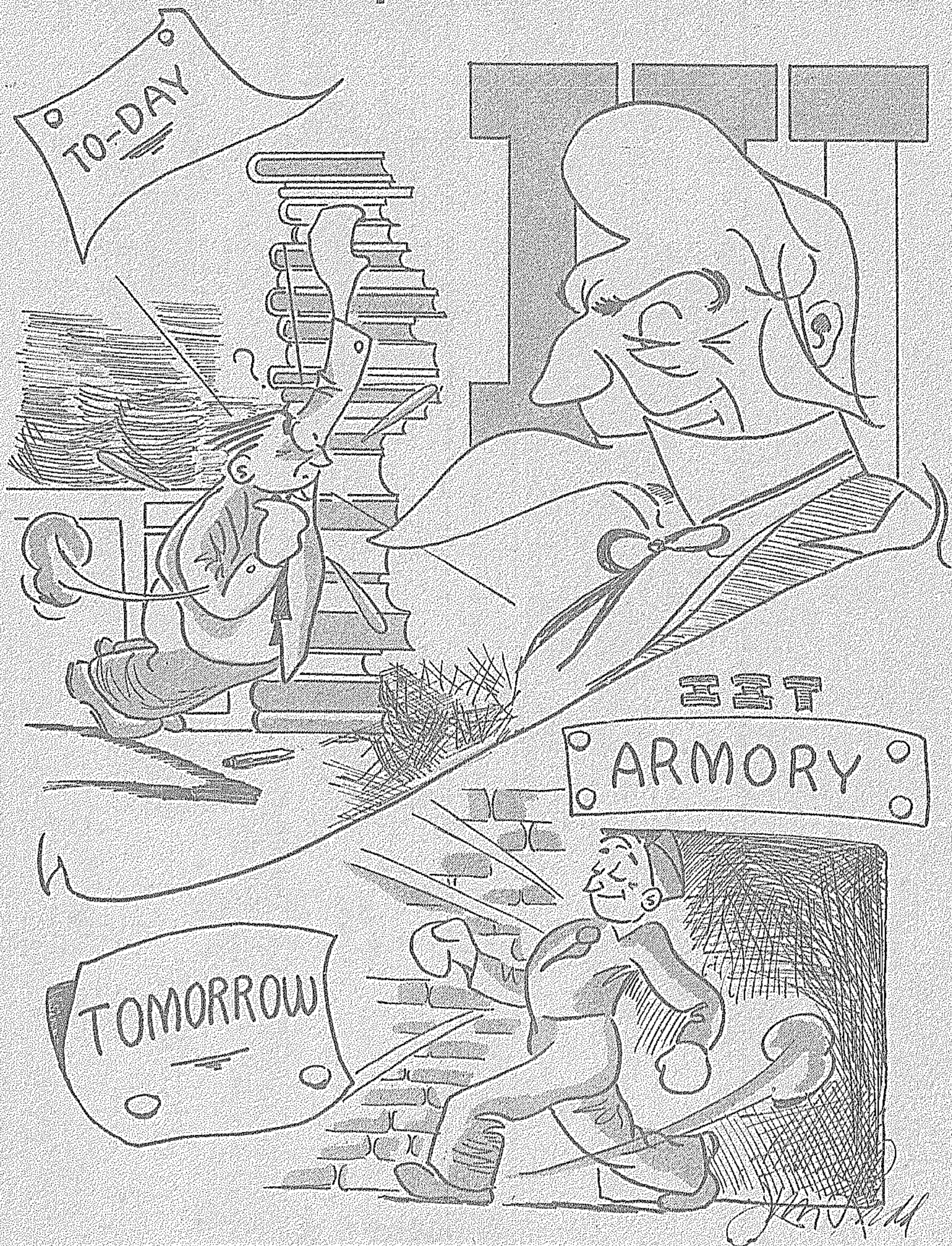
The cause of the investigation was the fact that the school was having trouble hiring people to work in various jobs including the lunchroom and the library. As a result, it was found the "working conditions" under ESMWT were far better for the boys than under the school. There was a wide discrepancy in pay between the two and the school offers no opportunities for getting better pay.

The school has raised the pay ten cents per hour but they will have to be more aggressive to compete with ESMWT. If the need for more help increases, it may be necessary to set up a campus placement bureau. No matter what happens, there is a need for a co-ordination of employment policies.

One source of man power still untapped is the vast resources of the freshman class. This source need not be tapped. There are many sophomores and juniors too timid to ask for jobs.

There are jobs available around school and outside of school. No person can complain of financial stress in these days. AND, if you have any complaints against what ESMWT is doing, they want you to come out and work. They know what they are doing and they are

Uncle Sam cooperates with Uncle John



When Irish eyes are smiling, it's Jack Halloran "Man of the Week"

Lewis Senior Class president is in itself a title of sufficient importance to warrant the holder being feted as Illinois Tech's "Man of the Week." To Jack Halloran, however, this is just another accomplishment to add to his lengthy list of achievements.

When your scribe proceeded to beleague Jack with the journalist's third degree, Jack retaliated in the customary cooperative Halloran manner. His 68 inches of smiling Irish



geniality revealed the following details of his curricular and extra- activity.

Jack began his prep career at Quigley Preparatory Seminary, but soon transferred to Saint Ignatious on Chicago's near west side from which he graduated after playing a little football despite his 145 pound stature. After a year at Loyola university our "MoW" migrated to the hallowed halls of Lewis where he has remained.

Entering Lewis as a chemistry major, Jack satisfied with the results. If you want to argue the methods they use, the best argument is a better idea—they will listen.

—Morgan Fitch.

was soon pledged to Gamma Rho, leading male social fraternity on the liberal arts campus. In addition to being Gamma Rho's treasurer last year, he was elected president of the Inter-Fraternity Board of Control, liberal arts fraternity governing body. As treasurer of last year's junior class, Jack received a seat in the Lewis Student council and was in turn elected treasurer of that group.

Not content with participation in student government alone, Jack somehow found time to engage in intramural sports. Specializing in touchball and softball, he played on the Molecules, a team that long reigned as Lewis intramural sports king, in addition to Gamma Rho teams.

Strengthening his claim for the "Disprover of 'Time Waits for No Man' Proverb" title is the fact that Jack has filled a key position on TECHNOLOGY NEWS' west campus staff for the past two years and is Rewrite Editor of the 1943 Integral. Not satisfied with the petty job of carrying a full scholastic program and a fuller extra-curricular schedule, Jack holds a full time position with the Board of Education. Further complicating his day is a chemistry course he is taking to complete his degree—it is at the University of Chicago three days a week. And yet our "MoW" finds time to do everything well.

Jack's goal is research chemistry and that he is well on his way is evidenced by another of the many things he is doing this year—serving as freshman chemistry laboratory instructor. He is not forgetting the cupidical side of human nature, however, as the same school teacher has been wearing his fraternity pin for some three years now.

Hazel-eyed Halloran lives with his parents at 4643 Emerald, a location far more contiguous to Armour than to Lewis. Since he has so much free time, Jack is a fire watcher in his block. He is at present in civilian clothes by virtue of a 2-A occupational (school) Selective Service deferment.

BLITZKRIEG

Greetings, knaves, don't you ever behave? Well, now that we've been foolish enough to ask, we have a little shovel of dirt to scatter around these fair portals.

Last week's events sure put a lot of serious expressions on some of our illustrious clan. . . . What with class pict'n everything?

And speaking of class pictures, can't that gal CONNIE CARY ever keep a serious face on her? She taxed the photographer's patience to a frazzle while she tried to keep from giggling. Every time the group was smiling pretty, Cary would burst out in a grin that would put a Hippo to shame.

ZELDA WEINER is using a new make-up consisting of H_2SO_4 . How come, ZELDA? the other stuff isn't rationed yet.

A new chapter of the B.B.'s (see last week's Blitz), is opening this week for women students. All those with possible qualifications consult EDYTHE PLAVNICK or PEARL MOSKOWITZ for applications for admission.

Flash . . . "ultimatum reached by STEVE STEVENSON" . . . He's mad. He says that either they stop taking the storeroom men away or he's going to crawl back into the woodwork and join the rest of the termites.

FLOSSIE MOSS received a present from ANNIE ANDERSON. The present consists of four "uppsie wuppies," five "downsie won-sies," and four "hangy downsies." What is it? We don't know but we have our ideas.

Ration Dance News . . . DICK JOHNSON tried his best to get a date for the dance with freshman ISABELLE WINTERS, but the Gods were against him, and nothing happened. It's a cruel world, isn't it, DICK?

BOB WEISS made a sojourn up to ALICE MOFFET's finishing school last week and met some of the beauties that attend. Now we know the reason for that dissipated look, BOB, too much beauty at one time, eh?

All those interested in learning the ten cranial nerves for physiology (and by a short and sure method, too) see JUDY EISENSTEIN for the initials that belie the secret connected with learning them.

GLORIA LANDIN gets out of German class by giving the prof a cigarette. I call that bribery, n'est ce pas?

MISS EPSTEIN: If you haven't as yet found a good 6th grade arithmetic book, we have one here in the news office that you may use.

MIKE ROBINSON had a birthday last week, and by the looks of the flowers that she was wearing she really celebrated. Say, MIKE, why doesn't someone tell GUS that there is a pretty stiff price on orchids, or in this particular case doesn't money matter? HUH?

What happened to IRA LIFSCHUTZ this week? He's been so quiet and has done very well in making himself as scarce as possible.

We got wind about that KITTY gal in embryology class raving about the pinnacle of masculine charm in bathing trunks. KITTY, CIESLAK likes apples too.

We always thought that them there engineers were never very bright, but now we know. One sap-head came across the blank marked sex on his orientation exam and filled the blank as OCCASIONALLY, guess he didn't know he was male.

Your editor believes that Damen Avenue should be spelled thusly, DAMEN, but who are we to quibble with the administration on the spelling. Check the main entrance of Lewis for their way of spelling it. If you are too lazy to look, here it is DAMON.

FRANNIE SNOW, where has your little boy LARRY RADEMACHER flown?

There has been a shadow of doubt cast upon the relationship of PAT ARNS to BUCKY WALTER. ED FARRELL claims that she is Bucky's married sister-in-law.

If you put on anymore weight, MR. HARRY WALDORF CARLSON, the Air Corps will have you carrying a 50 pound pack and a 19 pound rifle. But then again you could join the Navy, because the Navy flying boat "MARS" is the only aircraft that could possibly have space enough for you to fit into.

The Seventh Columnist

For an Odd and Ender try the **Ice follies** of 1943 at the Arena. Said to be the best presentation of the Ice Follies yet. Casting the **Sport light** into the What's Cooking Kettle we see **Northwestern's "Wildcats"** toppling over the mighty **"Buckeyes"** of Ohio State, while **Notre Dame** will put another stop on **Illinois**. Why not take in the N.U. game up at Dyche Stadium Saturday?

Sigma Beta Theta sorority presents "Witches Whirl"

Taglieri, Kennedy, and Tukich arrange Hallowe'en dance

Traditionally the Sigma Beta Theta sorority has started off the Lewis social whirl with their annual dance. Although this year the "D's" beat them to it, the girls have made arrangements for the "Witches Whirl" Friday, October 30, in the Lewis gymnasium from 8-12.

Tukich new president

Officers of the Sigma's are Violet Tukich president, who took her position after Ann Mossner, president-elect, married and left school; Corrine Lense, vice president; Grace Taglieri, secretary; and Betty Kennedy, treasurer. Grace Taglieri is chairman of the committee in charge of the affair and with the able assistance of Vi Tukich and Betty Kennedy will have several surprises in store for those who come.

Tickets are 35 cents apiece, and music for the occasion will be provided by an orchestra, the name of which insistent questioning by your scribe failed to uncover.

Witches, cats, and pumpkins

Decorations of witches, black cats and pumpkins will adorn the gym and a diversified program is planned.

Remember now, October 30! Sigma Beta Theta's "Witches Whirl!"

Signal corps graduates 450 radio and electrical communications experts

Four hundred and thirty men, who will call signals for the strongest team in the world, the United States Army, completed their training course at Illinois Tech on Thursday, October 15.

The men are officers and enlisted reserved in the Army Signal Corps who have been trained as ultra-high frequency radio engineers, electronics experts, and radio technicians and mechanics.

The graduation was held October 15, in the auditorium of the Museum of Science and Industry.

A general assembly of all Armour students will be held on Tuesday at 1:00 p.m., in the auditorium, to explain the present draft situation.

President Heald and Professor Schommer will speak. Mr. Heald has just returned from Washington where he has received the latest facts on manpower allocation. It is hoped that this assembly will relieve some of the indecision displayed by most students in regard to the proper course to take in this crisis, and to determine the part the university will play in the war effort.



Violet Tukich, Corrine Lense, Elinor Wick, Angeline Fuscone, and Grace Taglieri are shown as they check costumes, write bid copy, and cut decorations for Sigma Beta Theta's Hallowe'en dance.

Staff photo by Ed Johnston

Student returns to syncopate for "D's" at Ration dance

Swinging out at the Daedalian dance last Friday in the Lewis gymnasium from 9:00 to 12:00 p.m. was Buddy Brandon, a former IIT defense course student, and his five piece orchestra.

Arrangements for the successful evening were made by Harry W. Carlson, Dick Johnson, Gordon Campbell, and Roger Veatch.

Still following the theme of "Rationing" a museum was set up in the southeast balcony of the gymnasium including small bottles of sugar, coffee, and tea as well as the now scarce object commonly known as a rubber tire.

Camouflaged by crepe paper decorations the gymnasium looked most inviting. Aside from a large backdrop was a characteristic "D" representing the boys (not in scholarship). Bids which were 75 cents a couple, cleverly designed, were well appreciated by those present.

Metallographers and lab technicians train here

Embryo metallographers and X-laboratory technicians are now in training at Lewis. This class in metallurgical techniques started October 5, and has an enrollment of eight pupils!

A class in industrial drafting will convene for the first time on November 1, while one in industrial chemistry has its first meeting November 16. Each of these classes has an enrollment of 40 pupils.

Liberal art campus to operate Sundays

Because of the tremendous demand for instruction in inspection and radio, the Lewis campus will be operated by the War Training Program all day on Sunday for the next 16 weeks, and probably for the duration.

The radio training program, under the direction of Dr. Hobson, has enrolled more than 1,000 evening students, undoubtedly the largest in this field in the country. The inspection program under Professor Kozacka has enrolled approximately 600 individuals.

In order to provide adequate laboratory time for these two courses, the Lewis building will be operated on Sunday. Machine Shop work will be given in the Fundamentals of Engineering course on Sunday as well.

Tech timetable

(Continued from Page 1)

- 5:15 Student Union Board of Control meets in Faculty Grill
- Friday, October 27
- 10:10 All women's assembly in Room 535, Lewis
- 10:10 General assembly in Student Union, WSE presents Sam Campbell and Nature Study films.

Newly-named Ring acts to clarify architecture

Vagtborg announces four appointments

Four appointments were announced recently to the staff of the Armour Research Foundation by Director Harold Vagtborg.

The four men are Martin Kalena, Iowa City, Iowa; R. S. Olsen, Chicago; Leonard F. Griffith, Mt. Pleasant, Iowa; and Louis A. Lembach, Lexington, Nebraska. They will serve on the metallurgy, ceramics, physics, and photography staffs, respectively, of the Foundation.

Kalena is a former instructor at the State University of Iowa. He received Bachelor of Science and Master of Science degrees from the University of Saskatchewan, majoring in physical chemistry.

Olsen, a graduate of the University of Indiana, has served as ceramist with the International Smelting and Refining company of East Chicago, Indiana. He lives at 7526 Eberhart Avenue.

Griffith, appointed to the physics staff, was formerly chief engineer of the Indicating Instrument Division of the Burlington Instrument corporation in Mt. Pleasant. He attended Iowa Wesleyan college.

Lembach, now of 5481 South Blackstone, was formerly office manager of the Royal Sound Equipment company. He will be assistant photographer with the physics staff at the Foundation. He attended the University of Nebraska.

IIT's professional architecture fraternity, the Ring, acted last week to promulgate an exhibit which will bring the fraternity closer to its goal, the clarification of architecture.

John D. Randall, chairman of the exhibit, stated that the material will be trifoliate in format, showing the work of IIT's department of architecture, of outstanding Chicago practitioners, and of members of the so-called "international school" of modern architecture.

Presented under the aegis of the Wilmette Women's club, the exhibition will be open to the public from 7:30 to 10:00 p.m. on November 18 and 20. Ring members will be on hand to provide and to guide visitors through the freltic quarters of the Women's club building, site of the exhibit.

Conceived as a travelling display, the architecture exhibit may, if well received in Wilmette, be presented elsewhere. Wesley Pipher, president of the Ring, shrugged his shoulders when interrogated and said philosophically, "Who knows? Anything can happen."

The Wilmette exhibit is only one phase of the activities of the Ring. The organization has been pinguidly occupied since it severed itself from Scarab fraternity. Nameless for many months, the new professional fraternity nevertheless has been active not only in the formulation of new principles but in actual work in architecture.

Rules and Regulations for Student Union Building

I.-Management

1. The management of this building, excepting the dining hall and book store, is in the hands of the student union and the appointed manager. (The manager shall be in direct charge. Any controversies arising shall be settled by the board.)
2. The management of the dining room and the book store, as well as all financial matters pertaining to the Student Union building, is in the hands of the treasurer of the Institute. The student board and the manager shall assume responsibility for student conduct in the lunchroom and the bookstore.
3. The board shall meet the first and third Wednesday of every month and any other time as may be considered necessary by the chairman of the board. Adjournment over a definite period of time shall be voted upon by the board.
4. Students having complaints or suggestions to the board should file same with the chairman of the board or the manager of the Student Union at least two days before the board meets.
5. Requests for rooms (meeting or dining) or the entire building must be in the hands of the manager at least one week in advance of the day desired. A policy of first come, first served shall apply until circumstances warrant a change.

II.-Hours

1. The Student Union building will be open for student use on: Weekdays (except Wednesday and Saturday)—8:00 a.m.-10:00 p.m. Wednesday—8:00 a.m.-5:00 p.m. Saturday—8:00 a.m.-12:00 noon.
- These hours do not apply to either the dining hall or the book store, and they are subject to change without notice by either the manager or the board.
2. The Student Union building shall be open for use at any other time as may be deemed necessary by the manager or the board.

III.-The Dining Hall

1. The dining hall shall be the only room to be used by the students for eating purposes.
2. Card playing, chess, checkers or studying is PROHIBITED at all times.

IV.-Study Hall and Auditorium

1. Smoking or card playing will not be permitted.
2. The chairs and tables are not to be moved.
3. That a degree of silence conducive to study be maintained.

V.-Lounge

1. Studying in the lounge will NOT be permitted. Studying here applies to written work. Reading will be allowed.
2. The lamps are not to be moved.
3. The larger chairs should not be moved. Any small chair moved should be returned to its proper place.
4. Card playing should be confined to the tables as provided. Gambling will NOT be tolerated.

VI.-General

1. In all cases, gentlemanly conduct is expected of all students. Suspension from the use of the facilities of the building for a definite period of time shall serve as the penalty for any infraction of the rules, or the understood rules of good conduct.
2. Any room in the Student Union may be closed at the discretion of the manager or the board.
- Students found guilty of damaging or destroying property of the Union building will be charged for the necessary repairs.
4. All intramural equipment will be kept in the check room.

Emergency action? • • •

Late last Wednesday afternoon a Lewis co-ed was stricken by the acute and unendurable pains of appendicitis. When the anguish doubled her into a writhing mass, an attempt was made to summon a physician. The switchboard operator gave the name of Doctor Lewis T. Baxter whom she had listed as school physician. Doctor Baxter was called and the ensuing conversation proceeded along the following lines. (Note that the entire conversation was with the doctor's receptionist despite the fact that he was asked for.)

"Doctor Baxter's office."

"Is the Doctor in?"

"Yes."

"May I speak to him?"

"What is it you want?"

"I would like him to come to Lewis Institute right away." (relayed to LTB)

"What's the trouble?"

"There's a girl here with severe abdominal pains." (relayed to LTB)

"What are they from?"

"I don't know. Possibly from ptomaine poisoning." (relayed to LTB)

"The Doctor can't come. He's all alone here."

"Well, what'll I do now?" (relayed to LTB)

"You'll have to bring her over here."

"How can I bring her over there when she is in so much pain that I can't even turn her over on her back?" (relayed to LTB)

"Well I'm sorry, the Doctor is all alone—he can't come over."

As things went a doctor was finally located, who heeded the call of emergency illness although he was probably more alone than Baxter was. The girl was rushed to a hospital in Illinois Tech station wagon. An emergency appendectomy was performed shortly after midnight, and at this time the patient is well on her way to recovery.

TECHNOLOGY NEWS wish to present bouquets of verbal orchids to those people who, unlike Baxter, believe in corporal works of mercy—to Miss Corrine Lense, Lewis switchboard operator on duty at the time; to Doctor William E. Helm, who answered the call in less than fifteen minutes; to the cafeteria staff who gave their facilities and assistance to the doctor; to the Signal Corps in Pre-Radar Hall, who contributed a stretcher; to Don Ihrig, station wagon chauffeur, who stayed on the job many hours past his quitting time; to Raymond J. Spaeth, Illinois Tech's Business manager, who is giving his whole-hearted cooperation in seeing that the situation is remedied; to Mrs. Olive P. Hazel, Women's Athletic director, who generally allowed the use of her office for both patients; to Norman Kharasch of the chemistry department, for his valuable advice and assistance.

The following day a student in a Signal Corps class collapsed. He also required medical attention. Fortunately one of his classmates is a physician. Therefore Baxter was not called, but we are forced to presume that he would not have responded in this case either.

We believe the need for a humane physician who will handle such cases as these at Lewis is apparent. We recommend that the Institute make an agreement to this effect with Doctor Helm, because of (1) his cooperative nature, (2) his location (1 North Western), and (3) his record. We further recommend that the Institute sever all relations with Baxter who we believe is more of a menace than an aid, since his relation instills false confidence in him. We also think that these two unfortunate episodes together with the athletic injuries received by two engineers on the Armour campus this year should clearly demonstrate the need for the Health Plan which has evidently been lost in the limbos of red tape. If health will hasten victory, let's have action!

—FARRELL

Patricia M. Arns, Lewis student leader, stricken by appendicitis on campus

While executing the duties of her student service position in the Lewis Business Office last Wednesday afternoon, Patricia Arns, liberal arts senior, became suddenly ill. By seven o'clock conditions necessitated a doctor's visit, who subsequently diagnosed acute appendicitis.

Illinois Tech's station wagon and a Signal Corps stretcher were hastily commandeered, and the comely coed was rushed to her home where the family physician awaited. After a hasty examination he advised surgery and accompanied her to Saint Elizabeth's hospital where an emergency operation was performed at midnight.

As TECHNOLOGY NEWS goes to press, Miss Arns is improving and apparently well on the road to a rapid recovery.

Student government at IIT will be handicapped by Miss Arns's absence since she is second vice-president of the ITSA, president of the Lewis Student council, president of the Pan-Hellenic council, president of



Sphinx Honor Literary society, and president of the Lewis Glee club.

Patricia has been a member of Kappa Phi Delta sorority for four years, serving as president last year. She has also been active in intramural sports, being woman's badminton champion in 1940.

Two 'Queens' enter contest



Staff photo by Ed Johnston

The Integral Queen contest has to date produced Virginia Scharer (left) and Alicia MacDonough (above).

Both campuses represented in Integral race

by Larry Ryan

Look boys! This page is adorned with pictures of some of the entrants in the Integral Queen contest. Nice aren't they? But I'll bet you're thinking your gal can match these in pulchritude and all around charm, so let's see the evidence in the form of portrait photos most likely to win her the title of Queen of the 1943 Integral. The place to bring these indications of feminine loveliness is the Integral Office on the fourth floor, first entrance, Chapin Hall. Lewis under-grads can turn in the photos to the Activities Office, Room 302 on the west side campus.

The first two entrants for the Integral Queen were submitted by Earl Sherman, tennis major from Armour, and Paul Breitsprecher from the liberal arts campus. Earl submitted as his Queen Alician Bysshe MacDonough who dwells in the "Windy City" at 10555 Avenue R. Paul's lady of the yearbook, also ekes out existence in Chicago at 1643 North Melvina Avenue.

This contest, something new on the IIT campus, is the result of many observations that the Techawks have superb taste in the choice of their female acquaintances and that something should be done to let the world know about it. The two pages in the year-book will preserve the picture of IIT's loveliest girl friend for all posterity. These pages are being designed to give the best possible background for the Queen. Nothing will be spared in an effort to provide an atmosphere that will do her Majesty justice.

The Queen will be crowned at one of the larger school dances this fall. So come on, fellows, get those pictures into the proper office by October 28 at the latest.

War woman waves from WAACS to winsome WEEDS

To the WAACS, WAVES, WAES, WIRES and WASPS, now add the WEEDS.

For WEEDS—formerly only a word used to designate obnoxious little plants in gardens and ruining flowers—now stands for the newest group of America's war-time "alphabet women," a group which has just been organized at Illinois Institute of Technology in Chicago. They are the Women's Emergency Engineering Drafting society.

Composed partly of women who have completed engineering drafting courses in Illinois Tech's war-training program, some of the WEEDS are at work in war plants throughout the Chicago area. Also included are the women currently preparing for war jobs at the Institute.

Robert Murphy announces sophomore petition deadline

Military authorities accept physicist's sound recorder

The wire sound recorder, developed by Marvin Camras of the Armour Research Foundation, has been accepted for military uses. Dr. George E. Ziegler of Physics Research returned Monday after spending a week in Washington D. C. in connection with the adaption of this new magnetic recording device to war needs.

Wire magnetic records require no processing after recording and may be used indefinitely. Records forty years old are still usable; many have been played 200,000 times without wearing out.

An eight hour experimental machine is now under construction. Theoretically there is no limit to the length of a recording made on this type of machine.

As early as 1898 Valdemar Poulsen, a Danish professor, attained some degree of success in recording sound on wire. It remained, however, for Marvin Camras of the staff of Armour Research Foundation to devise a practical method for wire recording.

In the newly developed technique, symmetrical recording around the center of the wire removes distortion resulting from rotation. The use of sharp variations in magnetism permits a slower speed and the use of one-fifth of the length of wire required with the Poulsen type of recorder.

Co-op schedule revised to allow shorter course

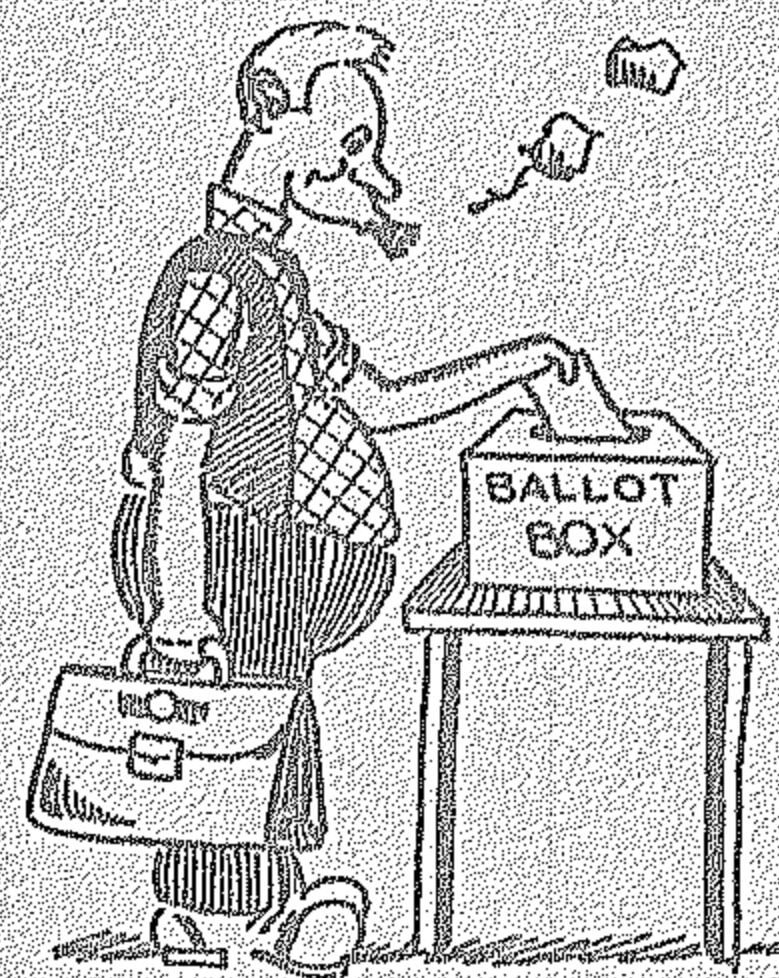
In view of pending government restrictions as to the time a student can spend in college, the present Co-op schedule was thoroughly revised with the result that the Co-op's will now graduate in four years.

Starting February, 1943, all students will be registered for a term of 16 weeks. The course will consist of four alternating sixteen week terms making a total of 112 weeks at school to complete the required work for a BS.

The fourth year Co-ops will furnish their course in one sixteen week term. The third year Co-ops will be required to complete two sixteen week terms plus six hours of night school.

Peebles warns assembled students of Freshman-Sophomore rush injuries

Friday, October 23, was named election day at a brief sophomore class meeting on the south campus last Friday morning. Ex-frosh president Bob Murphy announced that all aspirants to class office should have their petitions in by Thursday.



Class sweaters will be discussed in a mimeographed sheet to be handed out soon to all sophomores.

Dean Peebles, referring to the regrettable incidents of last Junior Week, reminded his audience that these are not the days to play around in a peacetime manner. The men injured during the Freshman-Sophomore Rush were forced to lose a semester of school.

Research foundation photo staff makes 250 prints in one day

With the printing of two hundred and fifty 8-1/2 x 11 photographs, the Armour Research Foundation dark room reached a new high in its daily production. The prints, made from thirty negatives by only two men, were enough to fill five large volumes. For one particular report several thousand pictures were taken, but only half that number used.

These photographs of various setups are used in illustrating reports. Many of the pictures show the movements of instruments which are too quick for the human eye. In one case the vibrations of a bridge, as a train went across, was recorded. Photographs taken of this instrument revealed vibrations that the human eye might have missed in the split second it took the train to cross the bridge.

ORGANIZATIONS

ARMOUR PLAYERS

Casting for the IIT super production for this season was begun Friday, October 16. Some parts were cast but many others are still open. Singers, actors, dancers and musicians are needed. Freshmen, sophomores, juniors and seniors are all eligible. Come out and make your play a success.

The production will take the form of a cafe theatre party and promises to be surprisingly different from anything IIT has ever done before.

Miss Lou Meyers, under the able supervision of Dr. Carl Richter, will direct the production this year. Singers from the Glee club will contribute their talents to the druvology of the occasion. Dr. Richter states that he is certain that this show will be the finest ever produced at IIT because of its originality.

Next casting will be held Tuesday at 5:00 p.m., October 20, in the Auditorium. Come out!

MEDICAL ARTS GUILD

The Medical Arts Guild, composed of pre-professional students, had its first meeting of the fall term last Friday. The guild was formed to activate the interest of future professional students in their selected fields, mainly medicine, dentistry, and the biological sciences.

After an introduction, presented by Dr. Hedrick of the biology department, selection of the Guild officers was made. Gertrude Eisenstein was chosen president; Robert K. Weiss, vice-president; and Shirley Evenstein, secretary-treasurer.

Future events for the fall semes-

ter consist of visits to an operation, an autopsy, and later, to a state asylum for mental cases.

The Medical Arts Guild promises a very enjoyable and profitable season, this fall, and looks forward to many new members.

ARMOUR EYE

Armour Eye, Illinois Tech's Camera club, held its first meeting of the current year in its studio on Wednesday, October 14. Bruce Kunde was elected president and Charles Rowbotham, George Ligger, Ken Perger were chosen as vice-president, treasurer, and secretary respectively.

Plans were set forth for the remodeling of the studio, which should act as a further inducement to prospective members. Because a limited membership has been decided upon, students considering membership should make formal application as soon as possible. Plans for a salon for the new members is already under way. The Eye will continue, as it has in the past, to display pictures in the lobby of the Student Union Building.

SAM

The Society for the Advancement of Management will hold its first meeting of the year next Wednesday afternoon at five o'clock in the faculty grill. The purpose of the meeting will be to reorganize the society and admit lower classmen into the organization. An important discussion of some subject pertinent to the interest of the student body will also take place.

In the past many well known speakers have addressed the group about problems of management. The members have also participated in many lively debates among themselves.

All students interested in business management and related subjects are welcome to attend. Dr. Dutton is the faculty sponsor of the group.

AIEE

"Opportunities for electrical engineers in the armed services" will be the title of the lecture to be given by Major Rohman of the Signal Corps and Lieutenant Eddy, USN, in the Lighting Institute of the Chicago Opera building at 7:00 p.m., Tuesday, October 20. This lecture will be of special interest to electrical engineering students, and they are urged to attend.

Professor Roesch directs automotive lab improvements

The Automotive laboratory, located just north of Machinery Hall, has seen a number of changes and improvements recently. Mr. Charles Roesch, who has been at Armour for 31 years, is in charge of this lab.

The course in ME 412, diesel engineering, formerly made up of lectures only, now includes lab work as well. The first students to make use of this course were the 4-B section Co-ops this summer. The lab now possesses six cylinder Hercules Diesel engines, a one cylinder Fairbanks-Morse Diesel Electric unit, and a four cylinder International Harvester Diesel tractor power unit, as well as other compression-ignition engines.

Airplane engines emphasized

The scope of ME 414 in aero engines has been increased and a new enlarged manual, prepared by Professor Roesch, on Automotive Engine Testing, with special emphasis on airplane engines, is being used. Altitude Power measurements, Super-charging Effects, and Power Recovery Test Cells are studied. The airplane engine equipment has been supplemented by a Wright-Cyclone nine cylinder engine and a Pratt and Whitney nine cylinder Hornet engine.

Some new Automotive laboratory equipment has been designed by Professor Roesch, and constructed by Mr. C. C. Frae, the laboratory assistant. Included are a Diesel nozzle testing bench, a Diesel fuel pump testing bench, and a pitot tube using a high speed Brewer Tornado blower, capable of creating an air current of 275 m.p.h. velocity. A device has also been created for quickly evaluating and visually demonstrating the relative thermal conductivity of brass, copper, aluminum, steel, and cast iron bars. This device illustrates the heat transfers of airplane engine cooling fins or engine cylinder and piston heat transfers.

Importance of torque wrench

A means has also been provided to illustrate the importance of torque wrench tightening of bolts and nuts, which is of such importance in modern engines. The efficiencies of load applications are determined and comparisons made between dry and lubricated threads.

A new Sun Master Engine Analyzer and a Sun Distributor check for spark advance with speed and vacuum, are recent additions. Several types of exhaust analyzers are also included.

FACULTY BRIEFS

Dr. Linton Grinter, vice-president of Illinois Tech and dean of the graduate division, will edit a literary column on technical books in the Chicago Sun. Dean Grinter will head the staff of reviewers. Many of the reviewers will be from the staff of Illinois Tech.

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On Friday afternoon, Miss Kathryn L. Judkins, supervisor of "women in industry" of Illinois Institute of Technology, gave a talk to the Chicago branch of the National Council of Negro Women on "Training Women for New Fields."

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Dr. Ruth Cowan Clouse, grand ephalyte of the home economics department, and Miss Lola Janis will attend the Annual Convention of the American Dietetics society in Detroit, from October 19 to 22. Dr. Clouse will report on "The Compilation of New Figures for Nutritive Value of Foods."

* * * *

Miss Ida Didier will be in charge of the Consumer Information Service program sponsored by the Office of Civilian Defense. This is a training course for chairmen and staff members of the Service. The subject of the program is, "What wardrobes will include and how they will be cared for." It will be held on October 21.

* * * *

Dr. J. E. Hobson, director of the electrical engineering curriculum, commutes to Milwaukee, Wisconsin, on alternate Tuesday evenings to lecture to the engineers of the Allis-Chalmers company. There are about 65 men who attend to further their interests in symmetrical components and power transmission.

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Mr. P. T. Wagner, laboratory instructor in freshman chemistry, was presented with a baby last week.

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Dr. Frederick W. Sullivan, Jr., scientific director, recently gave addresses before the American Gas association on "War and Post War Research at the Gas Institute," and at the Interstate Oil Compact commission meeting at Chicago recently.

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Kenneth W. Moore, recently in charge of the photographic dark room at the Armour Research Foundation, has received his 1st Lieutenant's commission in the Army Air Corps and has reported for training at Miami Beach, Florida. Mr. Moore's previous wide ex-

perience in aerial photography will be of great value to the armed forces. He is succeeded by Mr. Norman Bartley, who was his assistant.

* * * *

Gordon C. Lund, Assistant Director of the Illinois Tech News Bureau, will soon leave Illinois Tech to join the Army. Mr. Lund has been at Illinois Tech a little more than one-half year, and in that time he has done much time in putting Illinois Tech on the map. Illinois Tech loses a valuable man until victory.

* * * *

Dr. Paul E. Peters, formerly of the North Shore Chemical Industries, has been appointed to the research staff of the Institute. Others who have recently joined the staff are: E. P. Walter, recently of Stepan Chemical company and formerly of Universal Oil company and of Corning Glass Works; Paul W. Garbo of New York City, who was recently with the Barrett Division and Johns Manville corporation.

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Dr. Clark E. Thorp, a member of the chemical engineering staff, was a recent visitor at Mellon Institute in Pittsburgh, Pennsylvania.

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Mr. Martin H. Kalina has been appointed to the metallurgy staff. Mr. Kalina was formerly associated with the State University of Iowa.

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Mr. Harold Vagtborg spoke recently at the American Society of Mechanical Engineers meeting in Rochester, New York, on "The Research Program of the Gas Institute."

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Dr. Raymond Spencer, Mr. Ardelle Glaze, Mr. C. B. Haynes, Dr. Henry G. Fisk, Dr. Frank H. Trimble of the metallurgical section, and Mr. Harold Vagtborg, director, attended the American Metals Congress in Cleveland, Ohio. While in Cleveland they also attended two steering committee meetings with representatives of industrial concerns upon projects under way at the Foundation.

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Mr. V. L. Wanselow, manager of the Truck and Bus Line Division of the B. F. Goodrich company, addressed members of the staffs of the Armour Research Foundation and Institute of Gas Technology Wednesday and gave a demonstration of the making of "Ameripol," a synthetic rubber. He also showed motion pictures of the rubber industry and rubber uses.

ARMOUR FRATERNITIES

TRIANGLE

Triangle announces the pledging of Jerry Haule, junior civil, and S. Godelas, sophomore chemical. All the pledges in the house are making plans for the Halloween dance, which promises to be the major house dance of the semester.

Last Saturday one of the popular "record" dances was held, with all the Triangles and their ladies attending. Ed Nidel, popular social chairman, certainly seems to be adept at making sure that everyone has a good time, with the result that social activities at Triangle are reaching a new peak.

PHI KAPPA SIGMA

The Phi Kappa Sigs were rather inactive this week for a group of men who have such a high reputation. Monday afternoon football practice was held, the pledges showing well. At least two rugged men were discovered. These boys have their eye on the cup. Monday evening was featured by a short-lived pledge rebellion. The pledges won a cold shower.

A Halloween party will be held Saturday, October 31, from dark to dawn. A feature of the party will be the playing of three new records.

RHO DELTA RHO

Rho Delta Rho is proud to announce the election to membership of five former pledges at the regular meeting held October 7.

The men so honored were: Marvin Berman, IE, '45; S. Seymour Entman, ME, '45; Herbert Gertz, EE, '45; Earl Lichten, ME, '44; Max Reiss, ChE, '45.

The plans for their informal and formal initiations are in the extremely capable hands of Ben Levin, who is being welcomed back after an absence of a year.

Rho Delta Rho announced the pledging of the following men on

Monday, September 28, 1942: Irving Backinoff, Arthur Blumenthal, Louis Brody, Leonard Clyde, Marvin Cohn, Leonard Eller, Kenneth Epstein, Donald Friedlin, Paul Friedman, Leonard Fript, Joseph Feldstein, Jerome Hollander, Marvin Jaffe, Marvin Kagan, Gedaliah Katz, Saul Messer, Samuel Meyer-son, Albert Migdal, Herman Mirochnick, Ted Nathler, Eugene Nedwick, Marvin Quateman, Edward Rabin, Arnold Rosner, Robert Narofsky, Morris Shapiro, Allan Simon, Ralph Solomon, and Harold Vogel.

This large class is being rapidly organized under the firm leadership of Sheldon Plotkin, pledge captain.

PI KAPPA PHI

Pi Kappa Phi held formal initiation last Friday night and initiated the following new members: Walter Koelle, Bert Legg, Paul Streit, and Ray Tubergen.

The Pi Kapp social season will start with a Halloween party Friday night, October 31, supervised by the members of the new pledge class.

The Pi Kapps had the pleasure of entertaining Tuesday night one of IIT's beautiful secretaries, duly escorted by H. Anderson. It was a formal affair—ties and "tee" shirts

(see FRATERNITIES on page 9)

TECHNOLOGY NEWS investigates felony; larceny victim interviewed

•Fraternities

(continued from page eight)

—macaroni and cheese were on the entree.

ALPHA SIGMA PHI

At a recent election the Alpha Sigs chose Harry Gillespie to succeed Bill Plengey as president. Bill graduated in September and is now an instructor in electrical engineering at Lewis. The election was followed by an informal induction as the boys treated the new and old prexies to a tubbing party.

The pledges conducted their own election on the same night. They elected Lloyd Johnson as pledge captain until the initiation in February. Lloyd hails from Youngstown, Ohio, and is on a scholarship in fire protection engineering.

October 31 is the date set for the Hallowe'en party to be given by the pledges. There are rumors to the effect that Jack Reinhart and his orchestra are to furnish the music for the dancing. The dance will be a closed affair.

The Alpha Sig dark room has been bustling with activity these last few weeks. It is here that most of the recent pictures for the TECHNOLOGY NEWS and Integral have been turned out. Some of the other boys in the house have been bpsy setting up a salon in the ballroom. All this has been made possible by the installation of a second enlarger and the addition of other special equipment.

TAU BETA PI

Preliminary steps toward the selection of candidates for Tau Beta Pi were made at a meeting of the honorary engineering fraternity last Wednesday, October 14, in 202 Main.

Bob Rose, president of the Armour chapter of Tau Beta Pi, distributed questionnaires to the upper tenth of the junior class, which had been invited to the meeting.

Prospective candidates for the honorary were required to fill out the questionnaires, recording honors received in high school and college, scholastic averages, and activities in which they had participated.

Theft of her wearing apparel handicaps and infuriates Engineering, Science and Management War Training student

Advertisement, bulletins fail to activate thief's Samaritan instincts

by Judith Eisenstein

After turmoiling the entire west campus in the ptotic pursuit of a pair of pinguid pigskin gloves, J. Rix last Thursday cast aside his or her shield of anonymity and consented to be interviewed by a TECHNOLOGY NEWS staff representative.

Appearing niveously at the appointed place long before the appointed time, we (yes, it was indeed us) clutched in one hand a spiral notebook of the type approved by Tribune foreign correspondents, as well as a few of the native-born scribes. In our other grimy palm was firmly clutched a rosy red apple intended for J. Rix itself. However, by the time J. Rix appeared, 13 minutes late, we had given up and devoured portions of the globous fruit. Needless to say, the late J. Rix is a woman.

No smoke rings

J. Rix, confronting us in that crotomatic corridor, took our breath away. We haven't been able to blow a smoke ring since Miss Rix appeared. Chagrined as we of course are; more so would we be were it not for the fact that we have been all our life unable to pymorgulate a smoke ring. We cannot exhale circumambiently, but that of course is beside the point. Miss or Mrs. Rix took our breath away. Why? Because J. Rix is a stunning beauty. Although we, Judith Eisenstein, have indomitably and perversely laid claim to possession of perfect pegs, we must admit that J. Rix' legular pulchritude closely approaches ours. The Rix person, furthermore is sylph-like, which we regrettably aren't, and indices at the world a normal quota of sclerotic brown eyes. J. Rix is, in a word, lurgical.

Picking ourselves up by the scruff of the neck and dusting our bottoms, we pressed J. Rix indelicately with probing questions. Of paramountic import, naturally, was the Rix marital state. She confided singularity. Was she an ESMWT student, perchance? Yes. Miss Rix, give us the full story of the loss of your yellow pigskin gloves.

At this point a telusic tirade loosed itself.

Huge financial loss

Miss Rix apparently was hurtgly hurt by the loss of her hand covers. She explained that the gloves had cost \$1.49 and that the money had been accumulated by dint of scrofulous saving while employed in sweeping the floor of her grandfather's celery shop at a stipend of \$9 per 60-hour week. This calc'lates out to a meager compensatory rate of 1.5 cents per hour. It was on this income that the gloves' sinking fund burgeoned. They represent a total net elapsed celery-sweeping time outlay of more than 99.999 hours, or over 1.666 of Miss Rix' working weeks. Assuming that Miss Rix will live to the ripe old age of 13 summers, the druvilogical vandal who dispossessed the fair young lady of her palmar protection also absconded with more than .088 percent of her life-span. Since the life-span of the mammal (and Miss Rix is a mammal, no doubt) compares unfavorably with the existence-period of many other fauna and such notable flora as the giant sequoias of California, such a life-span should not be tampered with, Miss Rix contends.

Not Janet

While Miss Rix paused to rummage for invective, we twisted our tongue at a 90-degree angle and got a word in edgewise. It was "Janet!"

"Huh?" queried Miss Rix.

"Your first name Janet?"

"No. And if he doesn't give them back by the first big frost—"

We broke in again, inquiring as

to J. Rix' first name. Her dialog-factory apparently induced itself into a trauma or abulia, and we were forced to guess the first name of our pigskin glove claimant.

"Jane?"

She shook her head no.

"Juliet?"

No.

"Joan? Judith? Jennifer? Juanita?" No.

We kept trying. Josephine? No. Jean? No. Jeanette? No. June? No. Judy? No. Jezebel?

"How on earth," said Miss Rix, "did you guess my name?"

Lost in lounge

We tried to explain how simple it was, but Jezebel was off again. She told us how she lost the gloves in the Lewis lounge, which opens off the seventh floor corridor. She told us of the hurtgly helpless little note she timidly and ptotically posted on the second floor's biforculating bulletin board. She explained the manner in which the note was defiled by removal of its signature by perhaps the same druvilogical vandal who displacified her even balance in the first place. She went on to recumber the masochistic method she devised for maculating her manxome Meod by means of an advertisement in the unclassified section of TECHNOLOGY NEWS. It was at this point, we might add end, that staff members of your rather redictive journal became acquainted, not with Jezebel Rix, since she conducted her business by phone, but with her plight.

And so the advertisement on page 3 of volume 30, number 1 of TECHNOLOGY NEWS was niveously slarned. And the hunt for J. Rix was on. The search for Miss Rix' gloves was pursued, of course, with less enthusiasm than was Miss Rix herself, but that is only natural. At any rate, not a stone at Lewis was unturned. Primal results were obtained when the first stone was turned and Dick "Stinky" Johnson was revealed. He was not wearing

INTEGRAL PHOTOGRAPHY SCHEDULE—ARMOUR

(All pictures will be taken in the Student Union.)

Tuesday, October 20

- 2:40 Integral Business staff
- 2:50 Integral Editors
- 3:00 Co-op Class presidents
- 3:15 Beta Omega Nu
- 3:30 Radio club
- 3:50 Senior Photography committee
- 4:00 Senior Commencement committee
- 4:10 Senior Cap and Gown Committee
- 4:20 Senior Social committee
- 4:30 Senior Curriculum committee
- 4:40 Senior Jewelry committee.
- 4:50 Senior Publicity committee
- 5:00 Rho Delta Rho
- 5:15 Student Union Board of Control
- 5:30 Inter-Fraternity council
- 5:45 Senior Class officers
- 6:00 Sigma Alpha Mu

a pair of ladies' pigskin gloves, however, inasmuch as the weather was warm.

Search continues

The Lewis copy editor of TECHNOLOGY NEWS co-operated to the extent of examining all pairs of gloves stolen by him in the past fiscal year to determine their pigskin potentialities. Meanwhile the Lewis managing editor did his part to the extent of not lorculating in argil for a period of months.

All this tenous and consergent repetend accomplished but one accomplishment: Jezebel Rix was allocated. Her cowardly hog-hide hand-covers, however, are yet in a spot remote rather than contiguous, as far as the relation of near to far which proves the far closer than the near with the further between. Hencely, all Lewis students and other high-school graduates are fretlicly requested to seek both high and low to endeavor to look glovelly wherever they go, wagging their tails behind them.

MEN ?

Men are what women marry. They have 2 feet, 2 hands, and sometimes 2 wives, but never more than one dollar or one idea at a time. An eligible bachelor is one of obstinancy; entirely surrounded by suspicion. To make a husband out of a man is one of the highest plastic arts known to civilization. It requires science, sculpture, common sense, faith, hope, charity—mostly charity. It is a psychological marvel that a soft, fluffy, violet-scented sweet, little thing like a woman kissing a big, awkward, stubby-chinned, rum-scented thing like a man.

If you flatter a man it frightens him to death, and if you don't, you bore him to death. If you permit him to make love to you he gets tired at last, and if you don't he gets tired of you in the beginning. If you believe in all he tells you he thinks you are a fool, and if you don't he thinks you are a cynic.

If you wear gay colors, he hesitates to take you out, and if you wear a brown hat and tailored suit, he takes you out and stares all evening at a woman in gay colors. If you are a clinging vine type, he doubts whether you have a brain in your head, and if you are

modern, advanced, and independent, he doubts if you have a heart. If you are popular with other men, he is jealous, and if you are not, he hesitates to marry a wall flower.

A man is but a worm of this dust. He comes along, wiggles for a while, and finally some chicken gets him.

signed:

WOMEN

Poem

If he parks his little flivver,
Down beside the moonlit river,
And you feel him all aquiver,
Baby, he's a wolf.

If he says you're gorgeous lookin',
And your dark eyes send him cookin',
But your eyes ain't where he's lookin',
Baby, he's a wolf.

When he says you are an eyefull,
And his hands begin to trifle,
And his heart beats like a rifle,
Baby, he's a wolf.

If by chance when you are kissin',
You can feel his heart amissin',
And you talk and he won't listen,
Baby, he's a wolf.

If his arms are strong like sinew,
And he stirs the gypsy in you,
So you want him close agin you,
Then, baby, you're the wolf.



'YE ED DROOLS'

TECHNOLOGY NEWS has become noted for the crazy things that come out of its office. The newest and strangest of the doings is the changing of editors in the middle of the stream. Now you all know (boy, do I sound like the preacher) that it is never wise to change horses at this point in one's journey. However, there is good reason for the change and the parties involved feel that the ultimate outcome will be for the best.

As the future (for the rest of the semester) managing editor of this newspaper (?) I will not have the magnificent opportunity to force my attentions upon youse bums. Therefore, I would like to get in a parting shot before I wind up the drooling and pass it on to D. J. Keigher.

For some reason the injury situation has been more acute so far this season in the touchball tourney than it was in years previous. The reasons for this are many and have no immediate bearing on the problem, at hand. As a result of Mitch Goluska's kidney injury last week there has been a motion afoot to purchase several sets of kidney pads for the use of the players in the touchball games.

When you read this it will be sometime after Tuesday morning at 9 A.M. Monday (yesterday as you read this) the ITSA board met. This

problem was up for consideration. Although I do not know whether it was passed I can say that in pre-meeting talks with members of the board there was an overwhelming opinion expressed in favor of the motion.

Now that we can safely (I hope) assume that these pads have been ordered let's see how they are going to be, or should be, used. To obtain the fullest protection for the competing players it should be compulsory for all players, whether in a league game or not, to wear these pads. So far, it has been the case that all the major injuries have taken place in league games. However, it always takes one exception to prove the rule. Thus, for full protection to all players we suggest that no man be allowed to play without the protection of these pads.

This naturally will cause some little trouble for the players in donning this equipment, but we can all see that in the long run and maybe even in the short one that we'll be a lot better off as a result. So let's cooperate when and if this program goes into effect.

So long fellows, (and the several girls who might glance at this) keep your eyes peeled for a bigger and better sport's page under the tutelage of Donald (D.J.) Keigher.

—R. B.

TECH SHORTS

Notes in the sports box: Within a week or two the set of twenty kidney pads purchased for touchball by the ITSA funds will be put in use . . . Wrestling and boxing are expected to have the largest turn out on record tonight. Weissman will need to expand his quarters in the band-box, we hope . . . Tentative sports plans indicate a super tough obstacle course on Ogden Field next spring . . . Honor I is out hanging pledge ribbons, hence, watch for the typical mantle-eating pledges for the next two weeks . . . Latest loss to the Tech letter ranks is veteran tennis player, Jim Ferg-

uson, who rated No. 3 position last spring. Jim is now a neophyte radio man in the Signal Corps.

"Mitch" Goluska, hard-driving Mech, received an injured kidney in scrimmaging which necessitated an examination by a doctor and a subsequent hospital confinement for a few days.

Warren Sadler, spark-plug of the Junior Civil team, stumbled in a freak encounter with an opposing guard and suffered a bruised ankle. Sadler is now hobbling around on crutches and is smiling bravely in spite of the accident.

Hockey team lays plans for coming season

The fightenest team on the campus—the hockey squad—is currently launching their fourth campaign. Never has a Tech squad overcome so many obstacles in establishing itself as a major sport, but no team has ever waged a fight so successfully.

Given three years to prove that it was no mere flash in the pan, its members have proved to a doubting public their unwavering loyalty to their sport, their willingness to undertake all traveling expenses personally, to travel far and often for practice, and to find their own means of travel to games often scheduled in other cities because of lack of home facilities.

Their fight is not yet over, however. Recovering from one of their severest blows, the loss of their firmest supporter Coach Hal Davey, co-captains Dick Metcalfe and Bill Watson are working with manager Bob Burkhardt in an effort to make this their best season to date. Every indication points toward this as they outline the future with last year's peak squad returning intact, as a basis. Fifty schools within a radius of 100 miles have been contacted, and probable tussles have been scheduled with the Maroons, who tasted defeat at the hands of our Techmen last season, City of Lake Forest and South West Falcons. Further possibilities are also in the form of George Williams and Northman teams.

Attending the inaugural meeting last Friday in addition to manager Burkhardt and co-captains Metcalfe and Watson were Jack Eulitt, Jack Weidenmiller, George Crawford, Glenn Wittekind, Bill Parks, Don Wolter, George Martinek, Bob Johnson, Ed Johnston, and Dick Osberg, all veterans of last year's squad. To augment these lads will be the ex-Maroon ace goalie Joe Khym, who having received a degree in chemistry is now pursuing one in chemical engineering. Joe, incidentally remembers the Tech-hawks for several stitches in his forehead last fall when he halted a flying puck with his noggin.

Calisthenics and chalk talks are the main program for the hockey hopefuls until Mother Nature sees fit to send the boys some ice. Much of the success of the team will depend upon their ability to get a place to practice. As a solution to this major problem in past years, the hockey team is going to suggest the possibility of installing a rink on the Armour campus at the next ITSA meeting. Such a rink could be had at a total cost of well under \$250, one-third of which is already in the hockey team treasury. It would be constructed in the tennis courts and will be available to students at certain times. The rink is the primary object of the team at present, but also high on the list is the student support, both of which are essential to 100% success.

HELP WANTED

Tank squad need proficient aquatic performers. Applications accepted Wednesday afternoon from 5:10-5:30 P.M. in room U2W.

Larry Ryan, Manager

Name Pledges for Honor I

by Cliff Oliver

Jumpin' Jonas, split lips and sore muscles; pass the arnica, please! Get it while it's hot or before they cool down. Who? The Honor I pledges.

Starting off with the initiate from that little publicized but very difficult sport, we have Adam Jemselk, captain of the golf team and one of the best golfers this school has ever seen. Another singleton is our own Dick Larson, TECHNOLOGY NEWS staff member, and fighting racquetteer.

The grapplers have pledged three of their members. They are Bill Dunlap, the man with the shifting eye and shiftier feet, Harold Hurwitz, "that little fella" and Pete "Cowboy" Zemaitis. By the way the "Cowboy" is just a rumor or have you seen his legs.

Herb Bay, Joe Gleason, Bob Johnson, and Ken Shearer are the representative of the baseball team in the pledge group. Herbie Bay, affectionately called "Fat", is a wrong handed hurler who makes life miserable for fellows like Ken Shearer, man behind the bird-cage-over-the-head. Bob Johnson is a busy fellow around the keystone sack while Joe Gleason, a strong, silent man, keeps the grass short in the outfield.

And now for a surprise. The track team has the unusual honor of pledging more than any other organization. Earl Mills, Ray Sauer, Ed Johnston, Don Keigher, and Bill Parks are the staunch supporters of

Intramural golf enters final round

by Ulysses Backas

Did you ever try finding a little white golf ball in an acre of leaves, every one looking like the ball? Try it some time. It isn't fun. Take it from me and a score of Tech men who played intramural golf the week before last. It is a wonder some of them didn't go absolutely crazy while conducting their individual searches for those precious pills. With these things in mind it will be easy to understand why most of the boys didn't break 90.

Don McMillan played the best game of the group, shooting a nice 89 game. Following him were Robert Afton, and two freshmen Leonard Baness and Marshall Garmon. These four lowest scoring men have been paired with the next four lowest scorers. In this group we have Don Cecocni, Clade Anderson, Perry Anderson and Harry Gillespie. The matches between these eight lowest players were played last Saturday morn, but the results were not available and the winners of the four medals will be announced in next week's issue.

this supremacy. Earl "Legs" Mills specializes in the broad jump. He is a first place man, but it is said he uses springs in place of spikes. The procedure used by Mills is transferred to the vertical plane by Bill Parks, another gam man. There is no verification on the springs. Ed Johnston is a flashy performer over the low hurdles route and co-captain of the team.

(See PLEDGES, page 12)

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Undaunted ref reports

by Bob Duerrstein

From the realms of the ostracized clan, the intramural referees, comes this tale of woe and misunderstanding. Banished from the friendship of his fellow engineers, scorned upon by the underclassmen as "that jerky ref", he often has a chance to meditate and wonder of things in general as he officiates at one of the "massacres". From the deep realms of his troubled mind came forth those gems of wonder as the Monday afternoon quarterbacks madly cheered the last vain efforts of a dying team, the Senior Mechs.

The Senior Mechs, by the way, were sadly outrun on practically every play by one hundred fleet Coop ends who, as winged Mercurys, waltzed thru Mechland with the touch of Don Hutson on a binge. Mud bespattered and weak of limb and leg, the brave little referee stood up to Swan, Martinek, Zemaitis, and why go on, and calmly paced off penalty after penalty. With derision ringing in his ear the same thing was duplicated in the Senior Civil-Soph Mech game. This game proved to be a masterpiece of misjudgements as an "interference" decision proved highly unsatisfying to the losing Senior Civil team.

With sprinkler heads dangling and standpipes dragging an unknown group of Samsons known as the Senior Fire Protects have just challenged the Bears to a Practice game. From their ranks have come many of those bedraggled referees, due no doubt to the extensive program of those mistreated firemen. Laboring under the terrific load of ten hours those same Fire Protects have proven unbeatable so far. Come one and all, the Firemen go on forever.

Backs weakened from ale kegs and root beer bottles, the Senior teams in general have been scraping the bottom of the barrel at the end of the first half. Panting and blowing the Senior Chems bowed to perhaps the best Soph Juicer team ever seen on Ogden field. Two brutal juicers, La Cavita and Sheppard, short-circuited the best efforts at saturation by the Chems.

Deep from the heart of Texas comes a wail low and mournful. Soon the upperclassmen and the Senior Mechs are to receive their old age compensation and retired to a quiet little chicken ranch where solitude will take the place of losses, draft and female elevator operators. It really behooves one to take notice of the expanding waistlines of the Seniors in general; the large receipts of ice cream in the cafeteria during the summer session, and you would take heed lest year fall.

News has just come in from our reporter on the Stalingrad front; the Russians want the Senior Mechs to please come home, all is forgiven. Along with them it is requested that any and all Illinois Tech referees return as well. The Vodka brewers would also like to see any chemicals, synthetic Vodka now being used to run tanks, burn factories, grease engines, as well as being the sole salvation of all defeated touchball technicians.

LINING, DIGGING, JUMPING



Intramural touchball really gets going. In the top picture Al Kole, Charles Peller, Jack Mahoney, and Joe Anony Mous cooperate in the lining of the Ogden field touchball rink. The center picture presents the maintenance crew hard at work preparing the new ball fields on Dearborn between 32nd and 33rd. At the bottom we see Michael Plotz making a desperate leap for one of Al Dambros's long heaves. Unsuccessful as you can see.

Splashers paddle out plans for war curtailed season

The swimming team will start making plans next Wednesday when Captain Larry Rademacher calls for all candidates for this year's team. All embryo swimmers are to be in U2W of the Student Union building at 5:10 o'clock. All returning members from last year's team are also asked to attend.

Last year's team was one of the most successful teams on the IIT campus, winning seven out of nine meets. Leader of that bunch of tankmen was Earle Huxhold, a stellar backstroke. Larry Rademacher, this year's boss splasher, claims that all indications point to even greater success this season. Among the returning men who will make for a well balanced unit are Jim McNerney, Jack Tragey, Jimmy Bell and Bill Maier.

Condolences are offered to the families of all deceased referees. Exemptions are in order for Jack "Mulrooney". Innocently and naively Jack has passed on this horrible task to unsuspecting flunkies.

Since the Navy has taken over Bartlett pool, site of practice session in previous years, the team will move to the pool in Ida Noyes hall on the University of Chicago campus. The new pool is located at Fifty-ninth and Woodlawn avenue, just off the Midway. Hours for practice will be announced at the meeting.

The war transportation emergency has effected the team as it has every one else in the nation. Since traveling plans are very uncertain, the boys will be forced to hold their meets with teams in the very immediate vicinity of Chicago. Teams in this class are Loyola, De Paul, Chicago, Lake Forest, Chicago Teachers, Wheaton and others.

The ITSA board has set aside \$650 for all expenses of the team. Managing the team this year is Larry Ryan. Brother Ryan wants an assistant to take over the team after he graduates in February. Anyone interested should contact Ryan at the team meeting next Wednesday.

Senior teams lose: Touchball rolls on

The opening guns of the touchball parade roared last week, and sad to relate, Senior squads appeared to be the main targets. Lowly Sophs, untried and unheard from, rose from their separate shelters to find new worlds to conquer; and conquer they did to the man.

Upset number one reared its ugly head in the form of six determined Soph Juicers. Sparked by Bob LaCivita, ace Tech boxer, and Jack Sheppard, the juicers found themselves in the second half in time to convert a 7-0 deficit into a 26-7 rout of the Senior Chems.

Backas started the electrical's scoring when he snared a long pass from Sheppard in the end zone. The conversion failed, however, and the Chems held the lead until LaCivita eluded their secondary to score again. After Backas' conversion, Sheppard eluded the charging Chems to jaunt half the length of the field on a fake pass play. Joe Kovar scored the extra point.

Another Sheppard pass found Steve Baluk to finish the scoring. To add insult to the injury, each juicer played the entire game, and every man scored at least one point. Sheppard's and LaCivita's pass interceptions were the main reason for the onesidedness of the fray.

The Soph Mechs found the Senior Civil's a little tougher, but the result was the same. Logan did all the scoring for the Mechs, running the length of the field for one tally, and going over from one yard line on another run after a pass in the end zone was declared good due to interference. The Civil's scored when Earl Sherman blocked a kick and a pass from Silla found Lachman's open arms two plays later. Final score, 14-7.

The Civil department found some consolation, however, when the Sophs waged a successful fight against the Junior Mechs. Both teams battled to a scoreless first half, but the Civils returned from the intermission with blood in their eyes.

"Feets" Swanson passed to Jim Hinde for the first counter, and Jim liked the idea so well that he returned a punt the hard way, all the way from his own goal. Good blocking on the part of Roy Andrews and Milt Garfinkel featured the play. Hinde then snared Swanson's pass for the conversion.

Pete Minwegen got the idea and grabbed a touchdown for himself. There was no stopping the Civs then, and Roy Andrews intercepted a pass in midfield to score again. Final count: Civs 25, Mechs 0.

Seniors found the range at last when the Junior Chems found the Senior Juicers' Tom Clarke behind their goal too often. Starting like the Bears, the juniors rolled over the goal twice in the first six minutes. A pass from Marv Larson to Dick Larson broke the ice and Arnie Jirasek found the ball knocked into his hands in the end zone four plays later.

Jim McDonald found the range for the juicers when Clark broke in to the clear for the first time. The conversion was unsuccessful and the half ended with the Chems six points ahead.

Dan Workman broke through to

Last Friday in the mud of Ogden Field the Senior Mechs No. 1 again went down in ignominious defeat. A week ago it was the galloping firemen of the Senior Class, this time it was the 2A Coops who gave them a taste of defeat. The score was 14-7. The game was not a regular league game as many of the bystanders thought but was merely another practice game for both teams. The Coop teams have a regular schedule of their own but this particular team is desirous of entering the regular competition. The Coops would provide excellent competition but their school is over in November and the league competition is never decided until well in December. This makes for a difficult situation since it does not seem fair to let this team eliminate other teams from the tournament and yet not play all of the regular league games.

The game was definitely not an upset because the 2A Coops outrushed, outpassed and outkicked the highly touted Mechs. The Mechs were the first to score when Martiniek took a long pass from Pete Zemaitis, and they promptly put over the extra point. The Coops then came back to score with a beautiful pass from Dick Gilbert to Herb Howe. This pass play was exceptional in that the safety man for the Mechs was caught sleeping and allowed Howe to get behind him. The Coops missed the try for extra point and the half ended with the Mechs leading 7-6.

In the second half it was all Coops and with only 5 minutes of the half played Gilbert threw another pass to Howe on the sidelines and he again went across for the touchdown. The Coops again missed the point and the Coops led 12-7. The Mechs came back on the kickoff but failed to score and lost the ball on downs to the Coops who in their turn failed to get anywhere. Then Gilbert kicked to the Mech's 1 yard line and on the first play Chet Swan was tagged behind the goal and the Coops led 14-7. From then on the game was a seesaw with Gilbert intercepting a pass on his own 5 yard line to break up the last Mech drive.

In way of closing all spectators saw an excellent exhibition of rushing by Buzz Hillman and Ralph Sullivan. They made Pete throw them too fast or else blocked them completely. This was an important reason for the defeat of the Once unbeatable Mechs.

Marv Larson behind the goal on the second play after the kickoff. The Chems punted and Jim McDonald took a pass over his shoulder soon after to bring the count to 14-12.

Misery still dogged the Chems as Tom Clark counted twice more on long passes. With three minutes to go the Chems began to roll again. Ted Anderson grabbed a pass from Dick Larson that nearly every man on both teams had their hands on, and raced down the sideline to score. Harry Anderson added the extra point. Gordie Fleisher's pass interception gave the Chems another chance, but the drive failed when Larry Rademacher knocked a pass out of Fleisher's reach.

TECH TALLIES — as found by Don Keigher

Shades of hades, three senior teams took defeats last Friday. Just shows what the accelerated program did to the esteemed intellectuals. Only the fourth year juicers and the fire-protects won last week. The juicers won a wild scoring fracas in a hap-hazard manner, while the firemen sat by quietly as they took a forfeit victory. Come, come, men, we must get in the old form. You know the eldest must first, quoth, unquoth . . .

Notwithstanding, fellows, the tournament is off to a brilliant start. Play has been spectacular and colorful, plus plenty of grueling, punishing football. Already this department will have to modify some of its predictions. New addition to the dark horse list is that combo of iron-men, the 2-A coops. They deserve that victory over the Senior Mechs, not so much on their ability but on their spirit and fight to play the whole hour with six men. Indeed, a record, indeed!

According to Ken Jacobs, master of intramural matters, the entries of the touchball tourney have been finally tabulated. Sixteen teams have turned in their lineups in the upperclass tourney while thirteen frosh sextets will tussle for the frosh crown. If these three hundred footballers don't create enough football

to satisfy the most rabid pigskin follower, we'll turn him over directly to George Halas and his Bears as the world's number one fan.

Last week we mentioned here the most disgraceful condition that has arisen on the athletic front. Namely, the continual insult to the colors of IIT that is provoked every time a foreign or high school letter is seen here on the Armour campus or over at Lewis. What's the matter, guys, do you hate the school and its athletic name, or are you just small-minded bragards? Maybe you "guys" don't know or never heard that a time-honored right of Honor I has been to enforce this letter rule. Usually they (the Honor I men) go around quietly and firmly request the fellows not to wear any athletic award that is not a scarlet I. But they can and have in the past used more positive methods. It has not been necessary to resort to these methods but it is imminent. The effective method soon to be applied is the forcible removal of the offending letter plus all the surrounding sweater by means of some sharp instrument; be it scissors, buzz saw or meat axe. Need more emphasis be made.

Another item along this trend of thought is some standardization of these so-called jackets, co-op sweat-

ers and other items of adornment. The chenille emblems are becoming far, far too close to the honored scarlet I. Yes, we know a standard was once approved by the ITSA board as the correct seal for intramural medals and other emblems. The design has deteriorated to where at present it takes a five minute search to determine that there is really an I and a T flanking those large central I's. We have always maintained that the design is fine for medals and rings, but definitely not for class emblems. The similarity between the athletic I and these emblems is at times most embarrassing. Outsiders, ignorant of customs at Illinois Tech, often get the false impression that practically every one on campus is a letter winner. This erroneous idea must stop by changing the system, this fall.

Here is the plan we think best to put in operation to alienate these conditions. 1. All class emblems must be submitted to the ITSA board and Honor I before being used. 2. The present design will no longer be used on any class jacket or sweater. 3. The emblem must not be more than twenty square inches in area or four inches in height. 4. The school colors of scarlet and gray should never be used

Lewis touchball practice starts

Lewis intramurals will start today in Union park. The first practice games for the touchball tourney will begin at 2:30 p.m. So far, there are just a couple of teams entered and the call is still out for more entries. The regular schedule will be placed on the gymnasium bulletin board Friday morning.

There will also be another sport's meeting in the gymnasium today at 2:00 p.m. and the tentative rules and regulations for touchball will be discussed. If there are any students who wish to play but are not on any of the teams, leave your name with Coach Stenger and arrangements will be made to place you on a team. All team captains are asked to submit a list of player's names in the gymnasium office Tuesday or Thursday afternoon.

Basketball will begin in a few weeks, so let's get the ball rolling so that the disorganization that the touchball tourney had to contend with will be eliminated. These entries also, should be submitted to the sport's office.

in the color makeup of the said clothing. Think it over, sophomores, you're next to design and purchase class jackets and sweaters. Why not start the ball rolling in the right direction . . .

Mahoney new head referee

Assistant intramural manager Pete Zemaitis announced last Friday the appointment of Jack Mahoney as head of touchball officials. Mahoney will be czar of all the touchball referees and linesmen, as well as being in charge of the field and equipment maintenance.

Mahoney, also known as "Mul-rooney", is a senior mechanical whose presence has always been felt in intramural officiating circles. Last summer he was an official softball umpire who worked some of the most important games. During the last two weeks of the senior summer session Jack laid out the plans for the fall intramural system of officiating. Under the new head referee is a capable staff of almost fifteen officials.

Also coming under the Mahoney jurisdiction will be the care and marking of the playing fields.

• Pledges—

(continued from page 10)

And now to the two veteran mainstays Ray Sauer and Don Keigher. Both men are seniors and have completed their college competition, graduating in February. Ray Sauer competes in the quarter mile and Don Keigher is a high and low hurdler.

IN THE TANK CORPS *they say—*

"COWBOY" for tank driver

"SLIP THE CLUTCH" for complain

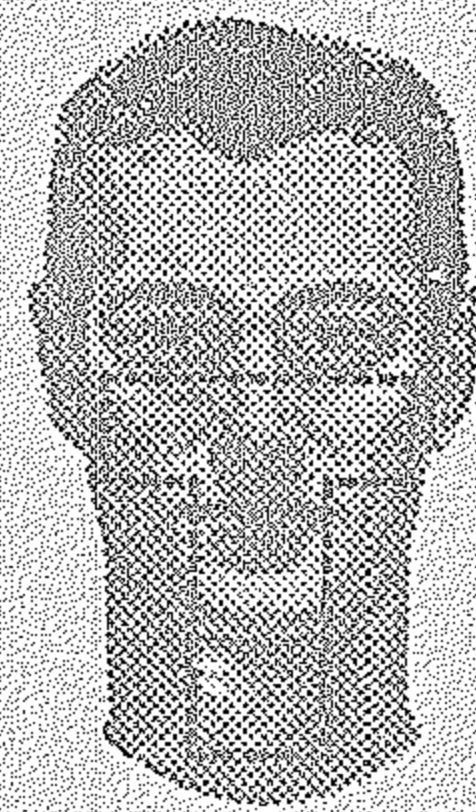
"BUTTON UP" for closing the turret cover

"CAMEL" for their favorite cigarette

★ With men in the Army, Navy, Marines, and Coast Guard, the favorite cigarette is Camel. (Based on actual sales records in Post Exchanges and Canteens.)

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

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where cigarettes
are judged



The "T-ZONE"—Taste and Throat—is the proving ground for cigarettes. Only *your* taste and throat can decide which cigarette tastes best to you...and how it affects your throat. For your taste and throat are individual to *you*. Based on the experience of millions of smokers, we believe Camels will suit your "T-ZONE" to a "T." Prove it for yourself!

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WANT—MILDNESS
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