



TECHNOLOGY NEWS



"World's Greatest College Newspaper"

VOL. 28—NO. 13

Z143

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

JANUARY 20, 1942

Junior Prom Features 'Strong Appeal' With Bob Strong And Orch.

"Best Ever" At Stevens
Hotel, Feb. 27

Featuring Bob Strong and his music with that "Strong Appeal," this year's Junior Prom will be held in the distinctive Boulevard Room of the Stevens Hotel, Friday, February 27th. With plans for the school's top social affair now complete the class of '43 is boasting that this year's Formal is to be the best ever.

Installment Buying

Since the average student at IIT never has more than seventy-five cents in change, laundry tickets, and cigarette coupons in his pocket at one time, this year will again see the famous installment payment plan in operation. Any one desiring to do so may pay in installments of seventy-five cents. Every Friday morning from 10:00 to 1:00 there will be a table in the lobby of the Student Union where these payments may be made. To all who follow this procedure until the fateful day of February 27th arrives, will be given, without further charge, a handsomely printed bid to the Junior Formal.

To those capitalists who are able to scrape together five dollars and seventy-five cents in one lump sum the bids may be had at once.

Ray Kaeding, M. E. '43, in whose capable hands plans for the Formal have progressed, points out that Bob Strong is strictly a collegiate band. He has played at proms for Minnesota, Wisconsin, Iowa, Grinnell, Nebraska and many others. One of the country's best known radio bands, the Strong outfit has been heard regularly on Uncle Walter's Doghouse and Avalon Time and has been featured at the Sherman Hotel, and the Aragon and Trianon Ballrooms. The popularity of these famous bandsmen with the smart set is due in part to the freshness of their material. For Bob and his boys are composers of their own tunes as well as musicians. At present Bob is featured on the "College Humor" radio show.

Petite Songstress

One of the main attractions of the musical group appears in the person of petite, brown eyed, auburn haired Mary Ann Mercer. Mary had planned to be a medical student but her singing at the University of Michigan was so popular with the students there

(continued on page three)

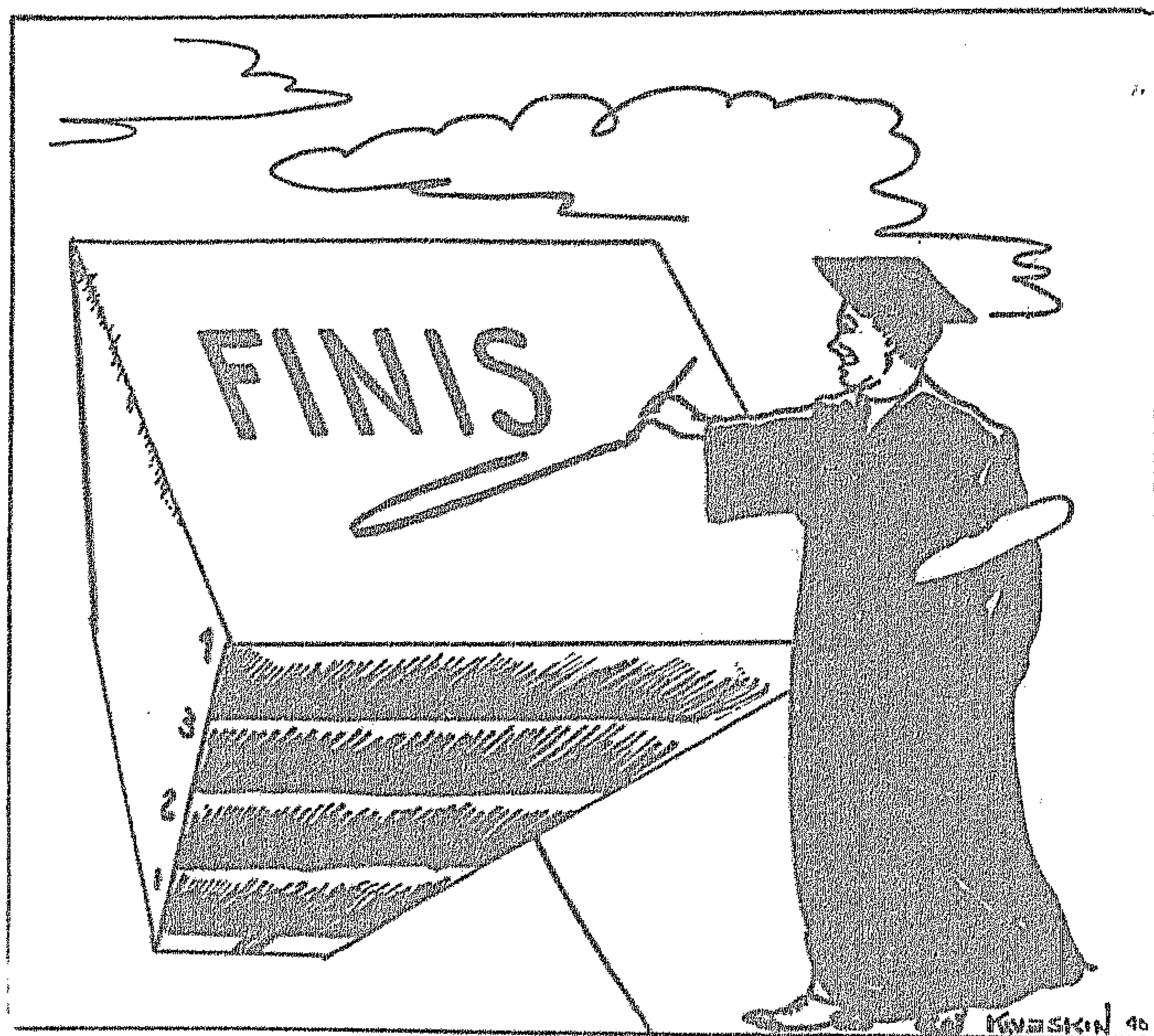
ESMDT STUDENTS GET NEW COURSES

Additional courses are scheduled to be offered by the ESMDT program in chemistry in the near future.

The courses offered are "Synthetic Rubber" which will be taught by an authority in the field, and "Explosives." These two courses require organic chemistry as a prerequisite.

Other courses offered requiring only high school chemistry as a prerequisite are: Organic Chemistry for Engineers, a lecture course; Industrial Chemistry Analysis, a laboratory and lecture course; and a course in metallurgy.

AS MUST TO ALL STUDENTS



Doc Davey Ties Perfect Knot To Hurrahs Of SAM And ASME Members At Meeting

At a joint meeting of the ASME and SAM in Science Hall last Friday, Professor Goetz introduced the guest speaker, Mr. Peterson, who is director of training for the Commonwealth Edison Company. Mr. Peterson gave a demonstration lecture on "Job Instruction Training." He reviewed the methods used by his company for training superintendents in the art of instructing new men put on a particular job.

When the task of making superintendents fit for training purposes is undertaken, he said it is first necessary to impress upon these men that there is actually a need for such a program. The chief purpose of training new men is to fill millions of positions either recently created or vacated by military conscription. Mr. Peterson gave what he termed the "supervisor's formula for success,"—namely, "Surround yourselves with well trained assistants." The obvious question now was how to train such assistants efficiently. By following a definitely outlined plan much more can be accomplished than by merely giving a man the necessary information as he needs it.

Four Point Program

Mr. Peterson finds he has four principal points which he impresses upon the supervisors. The first of these consists of preparing a man for instruction by putting him at ease, and also getting him interested in his job. Inquiring as to his past experience gives the trainer a means of working up to the second point which is the presentation of information. After a verbal description and a demonstration the instructor commences with the third, or performance step in which he allows the learner to try the process or job for himself. After any mistakes are corrected the learner reverses the process by actually teaching the instructor how to do the job. This procedure helps to impress upon the mind of the new man the actual order of movements. The final step, and probably the most important, is called the follow-up. The learner is put on his own,

the superintendent regularly checking on the progress of the individual.

Mr. Peterson demonstrated his four points on the courageous Dr. Davey. The object of his instruction was to teach this learner the method of tying a fire underwriter's knot. Although seemingly failing to put the shy professor at ease, Mr. Peterson ably succeeded in reaching his objective—Dr. Davey tying a perfect knot. Professor Yellott supplemented Mr. Peterson's lecture by explaining his methods of distributing to companies throughout the city this information, which comes under the title of "Training Within Industry."

HUNGRY MUSICMEN TO STARVED ROCK

Plans for the mid-year tour of the Musical Clubs have been completed. One of the highlights of the trip will be furnished the men Sunday, February 1, when they will be housed in a beautiful lodge at Starved Rock. The building is known as one of the show places of the Illinois park system.

After breakfast at the lodge Monday, the men will travel the roads toward Davenport, Iowa. Here they will present one concert before the Rotary Club at noon and another in the evening at the St. John's Methodist Church. Members of the Alumni Association have arranged a dance for the men to follow the evening concert. An opportunity to tour the Tri-Cities and obtain a "telescopic" view of the arsenal is also being planned.

Early Tuesday morning the club will proceed to Pontiac, Illinois, where they will perform before the combined civic groups of the city. Following the concert, the men will take the trail returning home.

So far, Mr. Erickson, Musical Director, has made but three requests: Two white shirts, a black bow tie, and an eleven o'clock curfew at Starved Rock.

New Co-op Courses In I.E. And Chemistry Formulated

INTERFRATERNITY FORMAL JAN. 30

Illinois Institute's Interfraternity-Sorority Council will hold its annual formal dance Friday, January 30, 1942, at the Sovereign Hotel on the North Side, 6200 N. Kenmore. This dance is the outstanding event of the fraternity and sorority social calendar. All the "Brothers" and "Sisters" will be there to do some rhythmic wriggling to the excellent music of Carl Schreiber and his fine orchestra. String music will be provided for those who come early for dinner which will be served at 7:30 p.m. The formal dance will begin at nine and continue until one.

This year's dance promises to be the finest ever held by the council. Certainly the bids are tops and the location is just right for the type of dance to be given. Social Chairman Richard Taylor of Phi Kappa Sigma has arranged everything with a nicety which assures a successful evening's entertainment for all the lucky Greek letter folk present.

You Lewis and Armour gals hint around to that bashful fraternity friend of yours that girls appreciate a formal now and then. A happy evening to you all.

Registration To Close February 7; Registrar Offers Student Aid

Registration of students in next semester's classes started January 12, 1942 and will close February 7, after which date the students will be assessed a \$1 fee for late registration fees. The registrar's office will be open from 8:30 a.m. to 4:30 p.m. during the week while on Saturdays the office will open at the usual hour and close at 12:00 noon. The Office of the Registrar has extended an invitation to any students that may find difficulty in completing their programs to come into the office where they will receive aid in filling out the semester's schedule.

The Institute reserves the right to make any necessary changes in the schedules and no student will be permitted to carry more than 17 semester hours of course work per semester without special permission of Dean Clarke.

Classes will begin promptly ten minutes after the hour (such as 8:10, 9:10, etc.) Monday, February 9, and all tuitions, fees, and deposits must be paid in advance of registration day, checks to be made payable to Illinois Institute of Technology.

Evening class registration will begin February 2, and on thru February 7. This will take place in the Office of the Registrar and a special advisory board, headed by Mr. Setterberg and Professor Smale and Dutton, has been detailed to give all the necessary information to inquiring students. Further information can be found in the schedules put out by the office, concerning the prices and courses offered.

Profs Murray And Lease Collaborate

Two large developments in the Cooperative courses at IIT were announced last Friday by Professor M. J. Murray of the chemistry department and Professor L. J. Lease of the cooperative office. In addition to the established courses in mechanical engineering and business management, courses in chemistry and industrial engineering will be instituted next semester.

As in the cooperative mechanical course, the students will alternate between work and school continuously for five years. However, the length of these periods will be increased. The first will start in February, the second in June, and a third period will begin in September. The tuition will be the same as in the existing co-op course, averaging \$240 per year. It is felt that the longer periods of school and work will cause less interference with the program of the regular day school.

Scholastic requirements for the cooperative courses are the same as those for the regular four year courses of Illinois Tech. Also, the student must have maintained a scholastic standing within the upper fourth of his high school graduating class, and he must pass the standardized tests which are given applicants to the cooperative courses.

The co-op chemistry course, which already has thirty students enrolled, will be conducted on the west side campus. The chief employment for the chemistry students will be as technicians, and, upon graduation, they are capable of becoming a valuable addition to the staff of any company.

The industrial engineer course answers a demand for a different type of engineer. The industrial engineer is taught the basic subjects of engineering and special

(continued on page four)

LEASE, BECHTOLT ELECTED TO WSE

"Crime costs each one of you \$300 per year." Thus began the address of Mr. H. B. Michael, of Underwriter's Laboratories, at the FPES meeting of Friday, January 16.

Mr. Michael also told how, in these times, the protection of certain materials against fire is vital to the nation's victory effort, especially since these materials are not easily replaceable. He stated that both of these economic wastes must be reduced, and that the reduction of these wastes is a duty of the Fire Protection Engineers in the war.

Holdup and burglar protection was also described by Mr. Mitchell. He told of the race between the respective ingenuities of engineer and burglar, the factors involved in the testing of bullet-proof materials, and the various types of burglar alarm systems.

At the meeting, William Lease and Robert Bechtolt were elected FPES representatives to the WSE.

MANY COLLEGES SEND REPRESENTATIVES TO CHICAGO CIVILIAN DEFENSE MEETING

PROFESSOR J. B. FINNEGAN, EARLE HUXHOLD HEAR PLANS FOR STUDENTS' PART IN HOME DEFENSE

"Plans to broaden civilian defense activities on the campus were discussed Saturday morning, January 17, by student body representatives and faculty members of eleven colleges and universities in the Chicago area who met in the Regional Office of Civilian Defense, Civic Opera Building," it was announced by Major Raymond J. Kelly, Director of the 6th Civilian Defense Region.

"James Ward, national co-ordinator of college activities for the youth division of the Office of Civilian Defense participated in the discussion centering around the principal theme of student morale and campus war attitudes," Major Kelly said. He indicated that special emphasis will be placed on the problem of integrating student volunteer services with the civilian defense program.

Other speakers were Major Kelly, Roger Holden, head of the American Red Cross for this area, and John F. Langdon, head of the youth program for the 6th Civilian Defense Region, who presided at the meeting.

"We plan to develop a full-range program of defense activities for high school and col-

leges," Langdon said, "which will include student participation in air-raid protection committees, fire-fighting, health and medical services, publicity work, conservation committees, consumer problems, money-raising committees, civilian morale, community morale, and cooperation in USO work."

An important feature of the conference was the exchange of views on programs already under way at certain campuses and new programs planned for fuller student participation in civilian defense work.

Urging intensified defense work on the campuses, Major Kelly, declared that:

"Our national war effort needs all of the student volunteer services and the resources of colleges and universities that are available. Campus participation is required for an adequate civilian defense program."

In attendance at the meeting Saturday morning were Joseph B. Finnegan, professor of fire protection engineering at IIT, and Earle G. Huxhold, president of the student association. Representatives from other colleges and universities in the Chicago area were also present.

Junior Professional Assistant, Student Aid Exams Announced

Annual Civil Service examinations have been announced for Junior Professional Assistants and Student Aids. They are the annual examinations designed to recruit young college graduates and junior and senior students for positions in the government service. Applications for these examinations must be on file with the Civil Service Commission's Washington office not later than February 3, 1942.

Many Options

Optional branches in the Junior Professional Assistant are many and varied with the eligibility requiring a bachelor's degree with major study in the field of the optional subject.

Options in the Student Aid include engineering, political science, public administration and statistics. Eligible are students who intend to complete three years of college work by July 1, 1942, and who have indicated majoring in the option.

Complete details and copies of the examination announcements and the application forms may be secured at first- and second-class post offices or from the Civil Service Commission, Washington, D. C.

STUDENT OPINION SURVEY SHOWS THAT YOUTH APPROVES BOMBING OF JAP CITIES

OVER NINETY PERCENT FAVOR RETALIATION FOR NIPPONESE REFUSAL TO RESPECT OPEN CITIES

A great majority of the American college students are all hepped up about the Japs bombing open cities. Before the World War II, much was said in regard to the advantages and disadvantages of dropping explosives over civilian population centers, but in recent weeks it has been shown that bombing cities has become an integral part of modern war strategy.

Students were lukewarm toward the idea of bombing civilian populations. However, since the Japanese bombed Manila, strong feeling has flared up in the hearts of every red blooded American towards retaliation on our part.

Despite this feeling toward the Japs, the Student Opinion Survey revealed that more than one-fourth of those interviewed specified that our fliers should attempt to strike at military objectives only. This is how opinion divides:

"Do you approve or disapprove of the U. S. air force bombing Japanese cities?"

Approve	63%
Approve, but military objectives only	29%
Disapprove	6%
Undecided	2%

The problems involved in singling out military objectives, and the geographical difficulties of attacking the Japanese Islands from the air, are, of course, not taken up in this survey. All this is reflected in the general attitude of college students, many of whom, since the army and navy air corps prefer college-trained men, are the potential pilots who will participate in the raids already promised the Japanese.

Little difference of opinion is shown among the youth in the eastern and western parts of the country. Perhaps it is the nearness of the Pacific conflict to the westerners and the realization of their own danger from the sky that makes them say "Bomb Jap cities, but only military objectives."

	East	West
	U. S.	U. S.
Approve of bombing cities	65%	56%
Military objectives only	27	35
Disapprove	6	6
Undecided	2	3
Whatever the final decision may be, let's "keep 'em flying" so that they can precipitate showers of lead on the "Yaps."		



THE SMOKE OF SLOWER-BURNING CAMELS CONTAINS

28% LESS NICOTINE

than the average of the 4 other largest-selling cigarettes tested...less than any of them...according to independent scientific tests of the smoke itself!

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

CAMEL

—THE CIGARETTE OF COSTLIER TOBACCOS



Six Leçons de Mademoiselle La Paxin Et Les Jour Des Bacheleurs Sont Fini

DANCE CLUB POSTPONES PARTY TO NEXT TERM

Because of the shortened time before final exams, the Dance Club party has been postponed until next semester. Final arrangements, including the place and the date, which will probably be Fri-Feb. 13, will be discussed at the first meeting of next semester, Wed., Feb. 4. The party will be open to all students who are members in good standing from the present semester.

Advanced Instruction

On Wed., Feb. 4, Lucille Paxin and Daniel DeWald will instruct the present members in advanced steps. Thereafter, for the following twelve weeks, a continuous course of instruction will be given by Mr. DeWald. Students desiring to join the club should come to room U2W at 6 p.m. on Feb. 4.

At the last meeting of the club, more than forty girls from St. Xavier came to the Institute to meet the club members. During the coming semester enough girls are expected to come so that there will be a partner for every member.

PLANS AFTER MAY 14 NOT CERTAIN

In order that no misunderstanding will arise from an article published in last week's TECH NEWS, concerning the announcement of changes in IIT's program, Dr. Grinter wishes the following clarification.

"Plans beyond May 14 are entirely tentative. These plans are being studied by the United States Office of Education for all colleges of engineering. IIT will meet the requests of the Federal Government when they are made. Although the three-year program seems reasonably probable at this time, we cannot be certain that it will receive Federal encouragement."

It was stated definitely in the last issue of the TECH NEWS that "The class of '43 will graduate in February of 1943. Members of the present second year class will be graduated in September of 1943 and men now freshmen will finish in June of 1944." Mr. Grinter wants it to be clearly understood that this schedule is not definite but probable.

SEVEN PLEDGED TO HONOR SOCIETY

Sphinx, Illinois Tech's honorary journalistic society, announced the pledging of seven students outstanding on the Institute's publications. In addition, Mr. Marcel Fodor, professorial lecturer in social science, and prominent journalist, was pledged as an honorary member.

The seven students pledged are all veteran members of Technology News staff, and have all shown great interest in the publications. Patricia Arns, junior arts and science student, attained the position of associate managing editor of Tech News in her sophomore year, and she competently handled the west campus news staff for a period of one year. Charles Ball, a senior civil engineering student, worked as rewrite editor and feature columnist. John Butkus, another senior civil, was elected into the society for his work as sports columnist. Edward Doran, senior mechanical, gained entrance through his diligent work as copy editor of Tech News. Milton Pleva, senior civil, has done a commendable job of acting as feature columnist. The news department has been fortunate to have the services of Herman Tachau, another senior civil, for the past three and one-half years.

Mr. Fodor, former Chicago Daily News foreign correspondent, and now writing a column for the Chicago Sun, was the first honorary member to be brought into the society for the past few years.

Ralph Pearson Speaks On Electrolysis At Chem Club Regular Meeting

Ralph Pearson, Lewis Institute '40, returned to the scene of his undergraduate days Tuesday, January 13, to deliver a lecture before the Lewis Chemical Society at their regular monthly meeting. The talk, entitled "Electrolysis of the Grignard Reagent," summarized the results of his research at Northwestern university which awarded him a fellowship in chemistry.

Working toward a doctorate, Ralph has already made remarkable progress on his research problem which is of utmost importance to the science of chemistry since the Grignard reagent is highly essential in organic chemistry reactions. As a result of his study much information will be made available concerning free organic radicals and thus many unexplained reactions of the Grignard reagent may be interpreted.

Entering Lewis on a competitive scholarship as an honor graduate from Sullivan high school, Ralph soon began to make a name for himself both scholastically and socially. Among his many achievements were his appointment as an undergraduate instructor in his junior year, and junior class, senior class, and Daedalian fraternity presidencies.

Junior Formal—

(continued from page one)

that she was whisked away to sing for such bandmen as Vincent Lopez and Mitchell Ayres.

With respect to the Boulevard Room all connoisseurs of fine places of entertainment will recognize it as the city's most attractive locations. The dinner tables are located on a terrace surrounding the dance floor, the terrace being several feet above the floor.

PRESIDENTS OF COLLEGES CONFER ON STUDENT DRAFT REGISTRATION

ASCE Hears Talk On Suspension Bridge

Prior to the tragic failure of the Tacoma bridge, the fourth largest suspension span was the Bronx Whitestone Bridge. Its span is now exceeded by only two structures which have an unsupported length greater than 2,400 feet.

F. H. Preuman, engineer for the American Bridge Co., resident engineer in charge of its construction, addressed the Illinois Tech chapter of the ASCE Friday, Jan. 16. His talk featured the solution of construction problems which were confronted on this gigantic project.

The design and construction of the foundation piers and towers followed standard procedures. Ingenuity came into play in the spanning of the distance between towers. Two inch diameter wires were first strung between the towers. Timber stringers, overlaid by wire mesh were placed horizontally over the supporting wires. This provided a catwalk, sufficiently strong and safe against overturning by wind currents, because of weak wind resistance. A tramway built on the catwalk provided the means to spin the main cables. Moving pictures, accompanying the lecture, illustrated the ease with which this operation was done, once the equipment was set in motion.

The finished cables contained 37 strands of wire, each strand containing 360 individual wires. The design load was estimated at 80,000 pounds per square inch. With the diameter of each cable at 23 inches, one can readily realize the tremendous carrying capacity available.

Gigantic plate girders were then set in place supported by wire ropes suspended from the main cables.

The colored motion pictures helped to show the enormity of the undertaking, and the apparent ease with which it was completed.

H. T. Heald Heads Meeting Of Sectional Tech Schools

The National Conference of College and University Presidents on Higher Education and the War, at a meeting in Baltimore early in January, resolved that "The institutions of higher education of the United States be organized for action, and they offer united powers for decisive military victory, and for the ultimate and even more difficult task of establishing a just and lasting peace."

This meeting recommended that "immediate consideration be given to the ways and means for accelerating the programs of students" through their curricula. The resolutions committee also advised "an immediate study be made by the National Committee on Education and Defense, and the United States Office of Education Wartime Commission as to the needs for, and bases of, Federal financial assistance to higher education for the duration of the emergency, in order that the training for students for national service be accelerated."

The committee realized from the first world war that selective service by its very nature insures the best utilization of man-power in placing the individual where his capacity will best serve national needs.

In accordance with the war program, the members of the Baltimore meeting requested that bona fide pre-medical and pre-dental students be allowed to complete their training, provided that they have completed not less than two years of the college curriculum.

Pre-theological students, who have been approved by their appropriate ecclesiastical authority, were recommended for deferment until the completion of their degrees, by the meeting of college presidents.

The National Conference of College and University Presidents on Higher Education and the War, elected President Henry T. Heald to the position of chairman of the Sectional Meeting of Technical and Professional Institutions.

Fit to fly with the best!

It's a great service—the Air Corps! Picked men and picked equipment! One of its latest radio devices—the Western Electric throat microphone—transmits speech clearly in spite of roaring motors, leaves the pilot's hands free, doesn't interfere with his oxygen mask.

This new "mike"—and many other kinds of special radio equipment for the armed forces—grew out of Western Electric's 60-year experience as manufacturer, purchaser and distributor for the Bell System.

We're glad the knowledge and facilities gained in our telephone job—more important than ever today—enable us to help "Keep 'em Flying!"

Western Electric

... is back of your Bell Telephone service

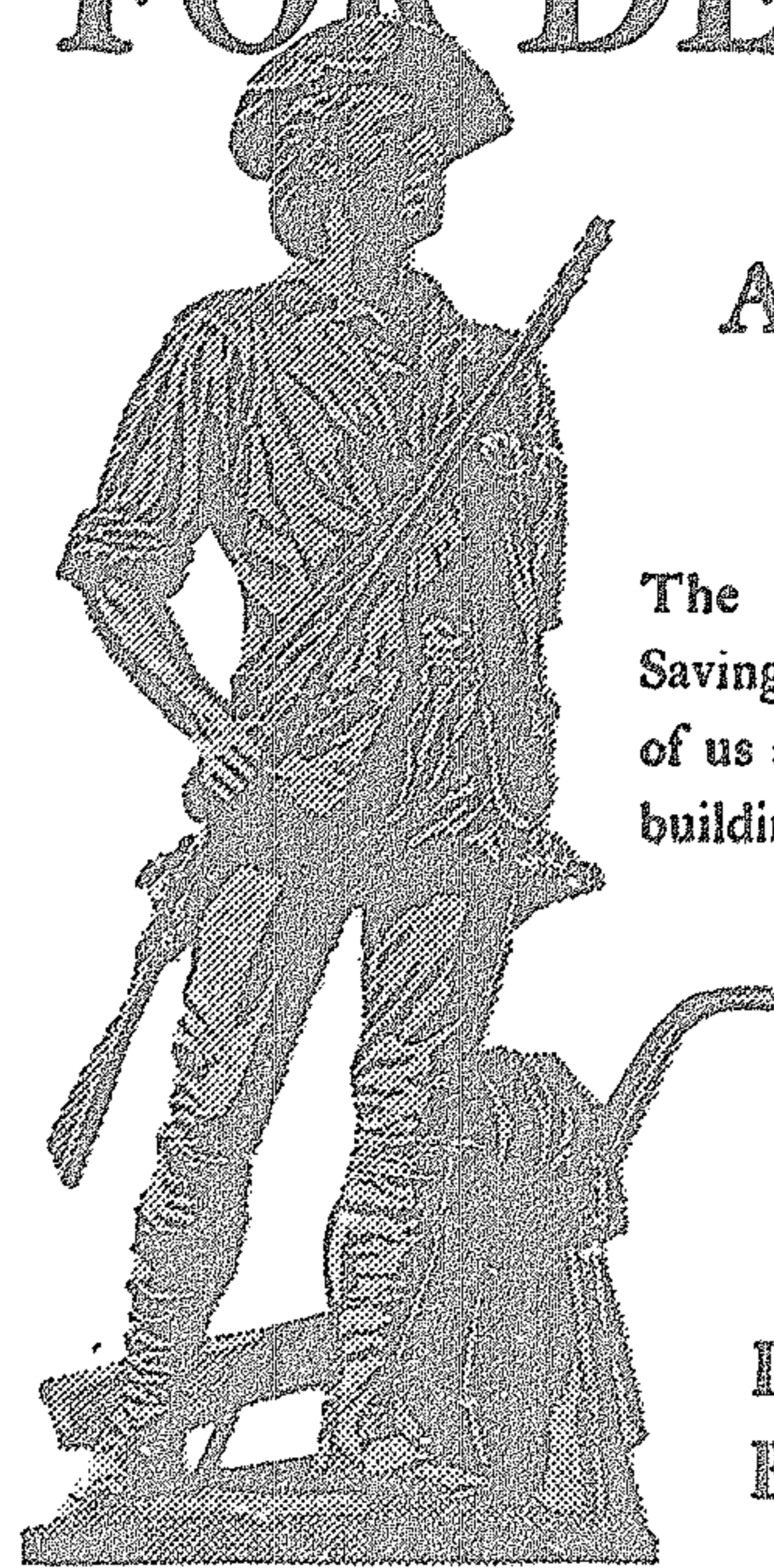
FOR DEFENSE

BUY A SHARE IN AMERICA

The new United States Defense Savings Bonds and Stamps give all of us a way to take a direct part in building the defenses of our country.

This is the American way to provide the billions needed so urgently for National Defense.

★ United States ★
DEFENSE SAVINGS
BONDS and STAMPS



TECHNOLOGY NEWS

Student Publication of the
ILLINOIS INSTITUTE OF TECHNOLOGY
3300 Federal St.
CHICAGO, ILLINOIS

Published Weekly During the College Year

By the Students of I. I. T.
REPRESENTED FOR NATIONAL ADVERTISING BY
National Advertising Service, Inc.
College Publishers Representative
420 MADISON AVE. NEW YORK, N. Y.
CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

"Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879."

\$2.00 Per Year Single Copies, 10 Cents Each

MANAGING BOARD

EDITOR-IN-CHIEF THOMAS BROWN
MANAGING EDITOR DANIEL BROWN
ASSOCIATE MANAGING EDITOR PATRICIA ARNS
SPORTS EDITOR WARREN SPITZ
FEATURE EDITOR ARTHUR MINWEGEN
BUSINESS MANAGER ROBERT FUNK
FACULTY ADVISER WALTER HENDRICKS

EDITORIAL DEPARTMENT

SATURDAY EDITORS

NEWS EDITOR EDWARD HANUSKA
HEADLINE EDITOR EDWARD FARRELL
DESK EDITOR GORDON WALTER

Assignment Staff Armour Editor, Hugh Story
Assistants: Art Olson, Julian Bowers
Lewis Editors, Ellean Robinson, Joe Minga

Rewrite Editors Charles Ball, Gordon Walter
Copy Editor Edward Doran
Associate Feature Editor Mary Flasher
Rewrite Staff Robert Arko, Edwin Franks,
Joseph Hind, Herman Tachau.

Copy Staff Bob Mabassek, Chester Swan
Office Managers Julian Bowers, Lewis Johnson

PHOTOGRAPHERS

John Cox, Howard Reiser.

CARTOONISTS

Erwin Geiger, Jorma Leskinen

FEATURE STAFF

Charles Ball, Richard Bergstrom, Tom Cafas, Bob Creagan, Ed Farrell, Emil Galandak, Ed Hanuska, William Hasskari, Helen Marzullo, T. Ray Maslanka, Bertram Milleville, Peter Minwegen, Richard Neil, Charles Peller, Milt Pleva, Mike Pollack, Chester Swan, Herman Tachau, Ted Van Gelder, Bruce Worchester.

SPORTS DEPARTMENT

Assistant Editor John Butkus
Sports Writers: Bob Anderson, Bob Reichtolt, Ed Colander, Morgan Fitch Jr., Don Keigher, Dick Larson, Hank Pachowicz, Earl Sherman, Fraternity Sports Editor Ed Franks

REPORTERS

Harry Anderson, Florence Bartusek, Julian Bowers, Howard Brown, Milton Burkart, Bob Buckhardt, John Coopersmith, Blanche Fried, Egon Guba, Richard Herst, Norman Hyams, Dick Johnson, Bruce Kunde, Edwin Kurek, Steve Mark, Tom McAvoy, Earl Mills, William Nash, Richard Neil, Sheldon Plotkin, Bill Ponton, Richard Prendergast, George Simpson, Bob Tandrup.

BUSINESS DEPARTMENT

Advertising Manager Charles Peller
Circulation Managers Bob Carlson, Bob Lift
Circulation Assistant Dave Rester

VOL. 28—NO. 13

JANUARY 20, 1942

SWAN SONG . . .

"Parting is such sweet sorrow," Will Shakespeare said once upon a time, and yea, and verily, so it is.

With twenty-eight editions of Technology News under its belt, the present staff is going to bat for the last time with mingled feelings of sadness and relief. This journalistic business gets in the blood. Yep, it's great stuff! But from here on, we give the business to a new and, we think competent, group, while we old birds sit back and take it easy.

A time like this is a good one for reminiscing. During the past year a great many important events have occurred that have been our job to report and comment upon. Some of these events may in the future be considered as vital, in the history of Illinois Tech. In the pages of the last year's issues of Technology News are recorded the beginning and growth of the EDT program here; the founding of our \$1,000,000 Gas Institute; the phenomenal student lunchroom uprising; the inauguration of the Co-op Book Club; the announcement of definite building programs for 1942; the holding of the first all-school dance ever thrown here in a really big way; the new war acceleration program; and now, in this issue, the announcement of the new Chemical Co-op program. Never before, perhaps, has any new staff at either Armour, Lewis, or Illinois Tech, had the privilege of covering so many real news flashes.

In our editorial columns we have endeavored to write in as honest and unbiased a fashion as possible. If we were at times severely critical, it was because we were zealous for the elimination of flaws that might hinder the progress of Illinois Tech. And we feel no little pride in the realization that not only is Illinois Tech big enough to accept criticism but flexible in attempting improvement.

As for Technology News itself, we have enjoyed continuing and improving a make-up and style which is sufficiently modern and streamlined that other college papers have seen fit to copy. That there are sufficient flaws in our system to keep the next staff, and many other new staffs, busy in improvement we are also humbly aware. We

wish to thank the many interested students and faculty who have given so many helpful criticisms of the paper.

Looking ahead, we are of the opinion that the future of Technology News appears very interesting. If Illinois Tech adopts a summer term, it is possible that for the first time our paper will be published in the summer. And as the school expands with the building of its new campus, it appears very likely that the Tech News will become a daily. Nor is it improbable, with the night school supplement or, perhaps, a complete night school edition may be adopted. All these things are, of course, in the dream-stage. But, the handwriting is on the wall . . . Illinois Tech is growing in leaps and bounds, and with it will grow Technology News.

And, with our best wishes, we hand this future of Technology News—lock, stock and barrel—over to a fresh group of industrious students, the appointment of whom will be announced next week. Ah! How refreshing it will be to read Technology News every Tuesday morning without knowing beforehand what will be in it. What a thrill to be able to look every man, woman, and child, in the face and say, "We didn't do it!" Aha! Yes, indeed, chillun, we exit laughing.

STUDENT HEALTH PLAN

No student health plan this semester? Yes, that's right—no health plan. Why? We ran out of time; didn't get around to seeing all the people we should have seen. But alas! Perhaps it's for the best. Now we can conduct a very thorough investigation of the Civic Medical Center. Now we can prove to those that are skeptical that it's really true you get all that's promised.

At the next meeting of the ITSA, a committee of student and administration representatives will be appointed to conduct a thorough investigation of the plan. This probe will probably take several weeks and if the plan is found acceptable, it will be submitted to the student body for a vote of approval. The investigations will check on the following details:

1. The reputability of the Staff.
2. The financial details of the plan.
3. The equipment and hospital used by the Medical Center.
4. Determine exactly how comprehensive the plan will be.

Not mentioned in last week's article was the establishment of a clinic on the campus, or near the campus if there is no space available, for the convenience of the students. This will be staffed by a doctor, and for the first several weeks of a semester a laboratory technician to take samples for analysis at the downtown laboratory.

The student body will receive detailed information from the committee whenever such reports are received. Several faculty men, who are members of the plan at thrice the price it is offered to us, speak very highly of the plan, staff and equipment.

Before the plan is brought to vote, the students will have complete assurance that it is reliable and worthwhile.

COOP INDUSTRIAL COURSE

A complete course in industrial engineering is now available to co-operative students in addition to the established mechanical engineering course, it was announced by L. J. Lease of the Co-operative Office. The first classes in the course are to begin about June. At the present time, positions are being secured for students planning to enroll in the course.

Industrial engineering answers a new and increasing demand of industry for a different type of engineer. The industrial engineer is taught the basic groundwork of engineering, but (instead of specialized training in the present fields of engineering, as Power Plant Design) the engineer gets his training in production planning, cost analysis, material control, manufacturing methods, time and motion study, marketing, accounting, etc. This type of engineering has to do with the handling of human beings rather than the engineering of materials. Engineers make good managers because they have been trained to think straight and they understand the manufacturing processes.

The plan, as adopted now, would be a regular five-year course. The tuition for the five years would average \$240 per year. Fees and text books would involve an additional expense of about \$75 per year. The tuition of \$120, plus the fees, is payable at the beginning of each semester.

The students are paid at the regular wage-rate for the kind of work done for the time they are at work, not for the time they are in college. Students are not permitted to change industrial positions without the knowledge and consent of the co-ordinator.

Scholastic requirements for the co-operative course are the same as for the Institute's regular four-year courses. Also, a student must have maintained a scholastic standing within the upper 25 per cent of his high school graduating class. A student must have had, in high school, three semesters of algebra, three of geometry, two of physics, and two of chemistry.

IIT RESEARCH FOUNDATION LAUDED IN AMERICAN CHEM SOCIETY PUBLICATION

Job Chances Good For Senior Class

January has been a busy month for the placement office. A great many interviews have taken place, although few definite decisions were made. A most encouraging note is the almost unanimous opinion of the interviewers that the present senior class is one of especially high merit. As many interviews as possible have been postponed until after examinations.

Many Interviews

Representatives of the following companies have visited the Armour campus: Swift & Co., the American Locomotive Company, the Carnegie-Illinois Steel Co., the Teletype Corporation, the National Advisory Committee for Aeronautics, the Bendix Corporation of South Bend, the General Electric Company, Curtiss-Wright from New York, Standard Oil, Westinghouse, Phillips Petroleum, the International Harvester Company, and the Goodyear Tire and Rubber Company.

Outstanding among these was the General Electric Company who interviewed all Mechanicals and Electricals, and who left twenty-two offers.

BARNES OF IOWA U. GIVES MOTION STUDY DISCOURSE AT LEWIS

Dr. Ralph M. Barnes, professor of Industrial Engineering at the Univ. of Iowa, will give a lecture on "Motion Study Research," on Wednesday, January 28, at 7:30 p.m., in the Lewis Auditorium. Dr. Barnes is well known to the engineers for his work not only in time and motion study, but for his work in industrial engineering and management as well. This lecture has been arranged by Mr. James S. Perkins, supervisor of time and motion study courses in the Engineering, Science, and Management Training program at IIT.

On Monday, January 19, 300 students were added to the ESMDT program. Their course of study will continue until Saturday, April 11, at which time they will be classed as Under Inspectors in the Ordnance Department, and subject to reclassification as Junior Ordnance Inspectors.

ALLISON ARRANGES FOR SELLING BONDS

IIT's treasurer, George A. Allison, is setting up machinery to distribute defense bonds for the convenience of the faculty, employees and students at the cashier's offices of both campuses. Bonds and stamps should then be purchased through the school so that IIT can make a good contribution towards the fight for victory.

Coop Course—

(continued from page one)

izes in production planning, cost analysis, material control, time and motion study, marketing, and accounting.

The students are paid at the regular wage rate for the type of work done with their company. The great advantage of the co-op courses is that they give an opportunity to study practical applications in industry of the technical theory of the classroom.

2400 Research Projects In Last Five Years

"Industrial Research Progress at Armour Research Foundation" is the title of an article appearing in the December issue of the News Edition of the American Chemical Society. The article noted that in the five years that the foundation has been in existence a total of 143 long-term research projects have been undertaken. The number of short-term investigations initiated now number about 2300. All this work has been done for a total of 1050 companies, individuals, and other agencies, who have availed themselves of the services and facilities of the Foundation. The unusual success enjoyed by the foundation may be credited to their method of research, which constitutes the Armour Research Plan. Under this plan, which at present is very unique in the field of research, the responsibility for a project is given to the foundation as a whole, which then assigns qualified men to the job. This system provides for those persons engaged in research the benefits of all the facilities of the Foundation, including equipment and the knowledge of qualified men in many diversified fields.

Another feature of the plan consists of periodic meetings in which all the men engaged in research get together and discuss any problems with which they may be having any difficulty. The effectiveness of the idea may be illustrated by the following: One of the Foundation's men was having difficulty in trying to find a new, more effective method for mixing the components of chewing gum. During one of the periodic discussions a metallurgist suggested freezing and pulverizing the individual components, and then mixing them, and a new industrial process was born.

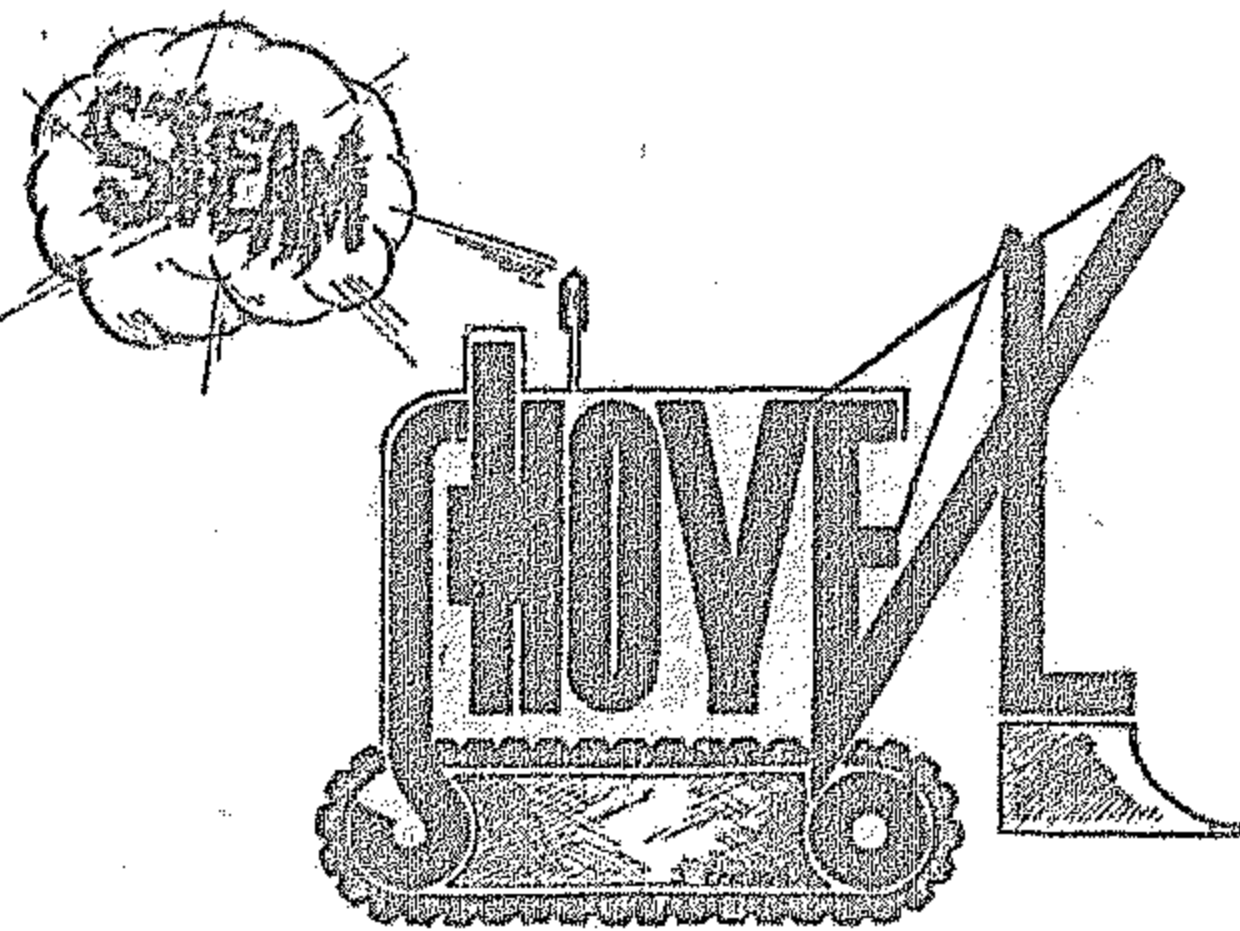
The Research Foundation has now added the new experimental engineering building to its facilities, and is now building a metallurgical research building, which is expected to be in full operation by March of 1942. In addition, sixteen new laboratories have been added, including ceramics, airflow, stress analysis, and Diesel laboratories.

Travel Film Shown Faculty Womens' Club At Party In Union

Julia Beveridge Scholarship Party, sponsored by the Faculty Women's Club, was held Saturday, January 17, at 7:00 p.m. in the Student Union. Professor Henry P. Dutton, Dean of the Evening division, contributed his part to the entertainment by showing some of his travel pictures. During the course of the evening all persons attending had the opportunity to partake in any of the games that had been planned, play cards or buncos, or dance in the lounge.

An Afghan quilt, made and presented by the Welfare Service Group, was raffled. The proceeds from this raffle were placed in the Julia Beveridge fund which provides scholarships for either Armour or Lewis students.

At the monthly meeting of the Literary Forum of the Faculty Women's Club on January 29, Miss Mollie Cohen, member of the language and literature department, will speak on Tangore, Hindu Poet and Philosopher. This meeting will be held at the home of Mrs. Henry T. Heald.



We find it very difficult to write anything this Friday eve because there is too much noise in the News office. The boys have just unearthed a bunch of old issues of PM, Field's New York publication, and are beating each other to a bloody pulp grabbing those issues that contain "personal" photos of our American beauties! The place is a mad-house, what with such wolves as Bob Arko, "Morgue" Fitch, and Art Minwegen on the fly. Cripes, you'd think the mugs had never seen a nice girl before. Hey, who the heck is that? Let's see that, will you? Wow!! What a beauty! Whew! Look at that sweater! . . .

Well, well, well!!! What do you know! Our old friend "Cappie" Kapranos has finally fallen into our clutches! For two long years we have been trying to get something on this "pal" of ours and now, all of a sudden like, we get enough on this guy to hang him. What good fortune! Goody, goody! "Cappy" has finally given away his secret. He's in love—yessir, really hit—but good, yet! Who is it, you say? None other than that charming young science student, Miss Rosamond Golden. In due respect to this budding romance, the Junior Chems have adopted the tune "Rose o' Day" as their class anthem and can be heard rendering this piece at every opportunity (every time "Cappy" is around. Very touching!!

Honor was once more brought to the Armour campus when Vlad Filko, local man-about-town became the holder of the world's record for the shortest engagement in the Midwest. He obtained this award on the basis of his activity on the now gone and forgotten last New Year's Eve. Vlad took his ex-lady love to a party that night and presented her with the "bracelet" at approximately 10:30 p. m. After performing this ceremony, he adjourned to the bar to celebrate the momentous occasion, at which task he remained for the next two hours. He made one little mistake however, and that was that he neglected to take his tootsie with him. After said celebration, Filko, in some manner, managed to navigate back to the little woman only to find her dancing with another lug. Irritated by this "lack of faith", Filko decided to blast this "louse" off the map. It was at this moment, as he was shouting out his intentions, that his apple dumpling calmly ripped the ring off her finger and hit poor Vlad between the eyes, scoring a T.K.O. After Filko had been revived, he made a few startling announcements:

1. That he would return to school to receive his flunks.
2. That he would stay drunk until after the exams.
3. That he would join the Foreign Legion as soon as he got official notification of his "grand slam" of course failures.
4. Women?? Nyeh!!

"Those" Jr. Mech's, disheartened over their present failure in the intramural bowling tournament, have decided to turn their attention to other sports—ones in which they are more successful. If you doubt their success, just ask that lowly, but flavid, freshman who dared to ride the elevator last Thursday afternoon. It is a confirmed report that he stayed at school until 7 p. m., that night, waiting for his clothes to dry before he proceeded on his way home.

FLASH!! We have just been handed a late bulletin (very late), stating that Wally Gow came back from visiting his gal in New York, without a wedding band on his finger. We understand that her old man tried his level best to do right by his daughter, but due to the present ban on shot gun shells, found himself stymied. Consequently, Wally escaped with his neck, but the boys in the know are laying 4-to-1 that Wally's next trip will be his Waterloo.

SOOPER SNOOPERS

Blitzkrieg!

Now that the cold wave has left our windy city (we hope), the coeds are once again returning to school without their ba-booshkas, earmuffs, and slacks. Spring is on its way and with it comes the thoughts of a moon . . . a girl . . . a park bench . . . and . . . Oh! . . . There I go, just dreamin' . . . but let's skip it and get down to business.

Last Tuesday in front of lockers 281 and 282, respectively, two figures stood. From the back it was hard to tell who they were. Could they be espionage agents? Slowly one figure began removing clothing, first a jacket came off, then a hat, scarf, sweater, and —Oh my gosh!!! At least twenty other pieces of top clothing and by golly if the strangers didn't prove to be the twins, Jackie and Louise, who were all bundled up beyond recognition for protection against the sub-zero weather.

All set to go for a joy-ride in Jack Chakolan's car, George Drevikovsky and Red Johnson were quite disappointed when they discovered that the weather had gotten "Leapin' Lena" down, and she just refused to run. Finally after pushing and tugging they got started. All this work was not done in vain, however, for George achieved a slight layer of ice on his "cookie duster" which gives him a right to the title of possessing the "first oddity of the year!"

In the lobby of our west side campus occurred the championship bout of the year. John Poyle, Frank Maurer, Frank Oddi and Jim Vocheck had a free for all. As yet we do you know what blonde's telephone number they were arguing over, but they did prove one thing. NOTE: "Sonny" Weissman, they have the makin's of wrestlers!! Speaking of wrestling Phyllis Haeger and Jim Sullivan were having an Indian wrestling match in the lunchroom the other day. Who won? Well, Phyllis seemed to put up a good fight.

Rather discouraged Ethel Witt announced that her prize rats were not accepted by Lennie Wezeman, her guest in the lab., but don't take it too hard Ethel . . . could be that he was interested in a different specimen present.

Lawrence (6'5") Kjellberg's most embarrassing moment occurred at the Stadium

last week, when his mother called, "Jr. don't light your pipe here!" Oh!! Mom!

The physics survey evening class is sure having a gong up time. Dr. Countryman has a new "fan-dangled contraption" connected to his room clock which is supposed to ring out every hour. Due to some cross in the wires the bell began ringing every minute. But did this discourage our friend and "countryman?" No! He only remarked "I'm glad I don't have to give a cigar every time it rings." Have patience students . . . Give him time.

If any of you noticed a certain person hobbling up and down the stairs, it's only "Hop-Along" Body, suffering the effects of a week-end of ice skating. Another student having difficulty in locomotion is Red Johnson. He was seen walking very slowly into chem lecture showing all the traits of paralyzed pedal digits. The case was rapidly diagnosed by the "Herr Doctors" of the Chad-rewal Clinic. Their accurate diagnosis revealed two pair of shoe laces tightly knotted.

Any calls for help that were heard echoing from the third floor, last week belonged to Connie Cary (she certainly was in a predicament). Several fellows had tied her hands on to her home ec. apron strings and then on to the knobs of the first and sixth lockers, just far enough away for her to worry about how she could untie herself. Time and struggling proved for the best and once again "Red" went about her business not a bit mad, proving she can take a joke . . . That's the spirit!

Back with us is Jack Halloran, who slid down some highly polished stairs (a week BEFORE New Years) and dislocated his shoulder. We all hope you'll be O.K. in a short time.

I didn't want to say anything sooner, for it would probably bring about some loud Oh's . . . and Ah's . . . but, exams are this week. Although the professors may pretend to like you, they still would like a change of faces in their classes so come on get to work and see if you can't get all A's like yours truly.

SIXTH COLUMNIST.

Did You Know?

By ART MINWEGEN

How much is a billion dollars? Yessir, it's a tidy sum anyway you look at it. In fact if you owned a billion dollars and undertook to count it at the rate of \$100 a minute, 48 hours a week, you would need more than 66 years to complete the job. By that time you'd be a wee bit too old to have any fun out of the money.

A pursuit plane has 15,000 parts in fuselage and wings, all held together by 78,000 rivets, plus welding. There are more than 6,000 parts in the motor, and approximately 190 in the propellor. There are at least 90 instruments, dials, knobs, buttons, and valves for the personal use of the pilot.

Cattle thieves more dangerous and ruthless than any in the history of the West overrun the island of Marajo at the mouth of the Amazon in Brazil. They are the giant crocodiles that infest the swamps and marshy fields of this river island—larger in area than Switzerland.

These deadly marauders take a heavy toll of farmers' cattle, but the natives have novel means of fighting the reptiles—with lassos and harpoons. It would seem logical, and much less risky, to shoot them. But this is impractical, as a crocodile that has been shot at, whether wounded or not, may survive to continue his career as a cattle killer.

So the farmers have adopted surer means. When they come upon a big crocodile mark. ed for death they lasso him with the skill of a Texas cowboy, drag him ashore, and dispatch him with an axe. When the victim is in deep water they set out in frail dug-outs, and with uncanny accuracy hurl a harpoon into the barely visible animal and drag him ashore to be bludgeoned.

Either method is very perilous. A crocodile can bite off a man's leg, or break him in two with a blow of the tail.

Brakes now being made by industry for defense purposes are so powerful that they

must stop 80-ton bombing planes rolling along the ground at 80 miles per hour in 10 seconds flat.

REMEMBER PEARL HARBOR
(Dec. 7th, 1941)

REMEMBER THE MAINE
(Feb. 15th, 1898)

With the new war slogan, "Remember Pearl Harbor" most people think of a similar war-cry "Remember the Maine" but few know more than that.

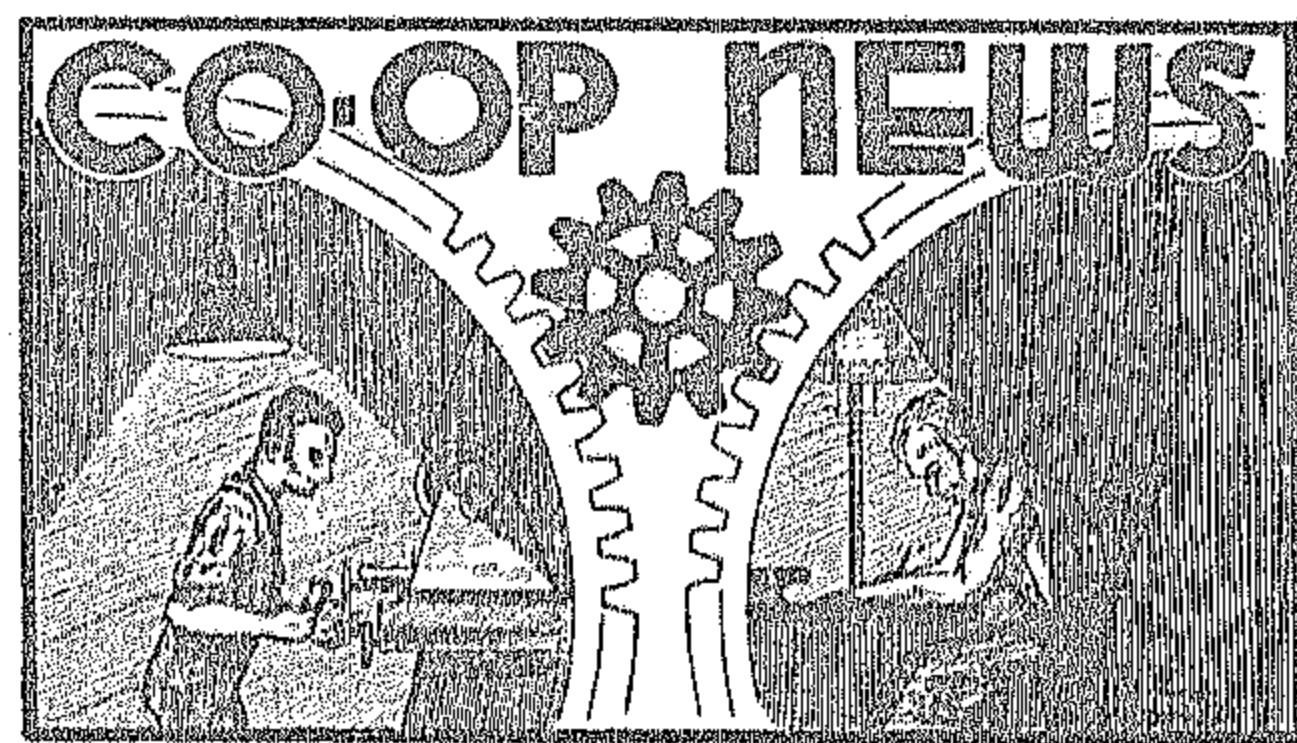
Public feeling in the United States at the time had been gathering intensity over the state of suffering in Cuba which resulted from Spanish treatment of insurrectionists. On the morning of February 15, 1898 this feeling was fanned to fever height by the destruction in Havana Harbor of the United States battleship Maine with a loss of 260 killed and 90 wounded.

News of the disaster caused great excitement and accusations were made against the Spaniards by leading American newspapers. Soon the temper of the nation was crystallized in the slogan "Remember the Maine," events moved rapidly to a climax and on April 20th war with Spain had begun.

Investigation of the wreckage of the Maine shortly after the sinking revealed that there had been both an internal and external explosion.

The conclusion was that most likely a mine had been the primary cause and that the forward powder magazines ignited as a consequence. No direct evidence could be discovered which would fix responsibility for the placing of the mine and some experts asserted that spontaneous combustion in the coal bunkers may have been responsible.

The wreck remained in Havana harbor until 1911 at which time Army engineers built a coffer dam, sealed what remained of the vessel and floated it to sea. On March 16th, 1912, with its flag flying and the guns of accompanying warships booming salutes, the Maine sank slowly to its final resting place on the ocean bottom.



By Bert Milleville

The reaction to last week's column was really terrific—especially in the matter of suggesting a new name to replace "Co-op Column." Perhaps our difficulty is our own fault, since we did neglect to mention that any name submitted MUST be printable. Besides, we think the names suggested were purely personal opinion, and not representative of the opinion of the majority.

As that famous old philosopher, Justad A. Shortertoo would say: "Never let a kick in the face get you down in the mouth." Braced by these noble sentiments, we grit our teeth (both of them) and carry on.

John R. Nieman pulled the big surprise of last week when he marched in on his old classmates (4B's) in the C.E. drafting room. It's Sergeant Nieman, now—he had three chevrons on his sleeve and a little bundle of Texas sunshine on his arm. Typical reaction, as voiced by Fred Brown: "Why the --- have I been trying to keep out of the army?" John explained that he was on his way from Texas to the officers' training school at Norfolk, Virginia, to start work toward a commission.

The graduating seniors are planning a whirlwind climax to their five years of all work and some play. The commencement will take place on Wednesday, January 28, in the auditorium of the Museum of Science and Industry. Mr. Raymond J. Koch, president of Felt & Tarrant Co., will give the commencement address. On Thursday, a "bunch of the boys" are going to whop it up at a stag party—(Yippee! Hie!) Then on Friday, the class of '42 bids its fond adieu at a dance. Presumably, the adrenalin will then be rationed out and the new B.S.'s will set out on their divergent ways.

HELP! HELP! HELP!

We need contributions from our readers, if any.

The Junior basketball team continued down the victory trail last week in their title defense, defeating the Sophomores and Seniors in stride. After working hard in the first period to earn a 13-8 lead at half-time, the Sophs were held to 2 points in the second period, as the Juniors scored almost at will. Merle Dargel and Wayne McCullough accounted for 24 of their team's 28 points, and close guarding by Dan Shearer and Leif Lunde slowed the Soph's offense down to a walk. The final score was 28 to 15.

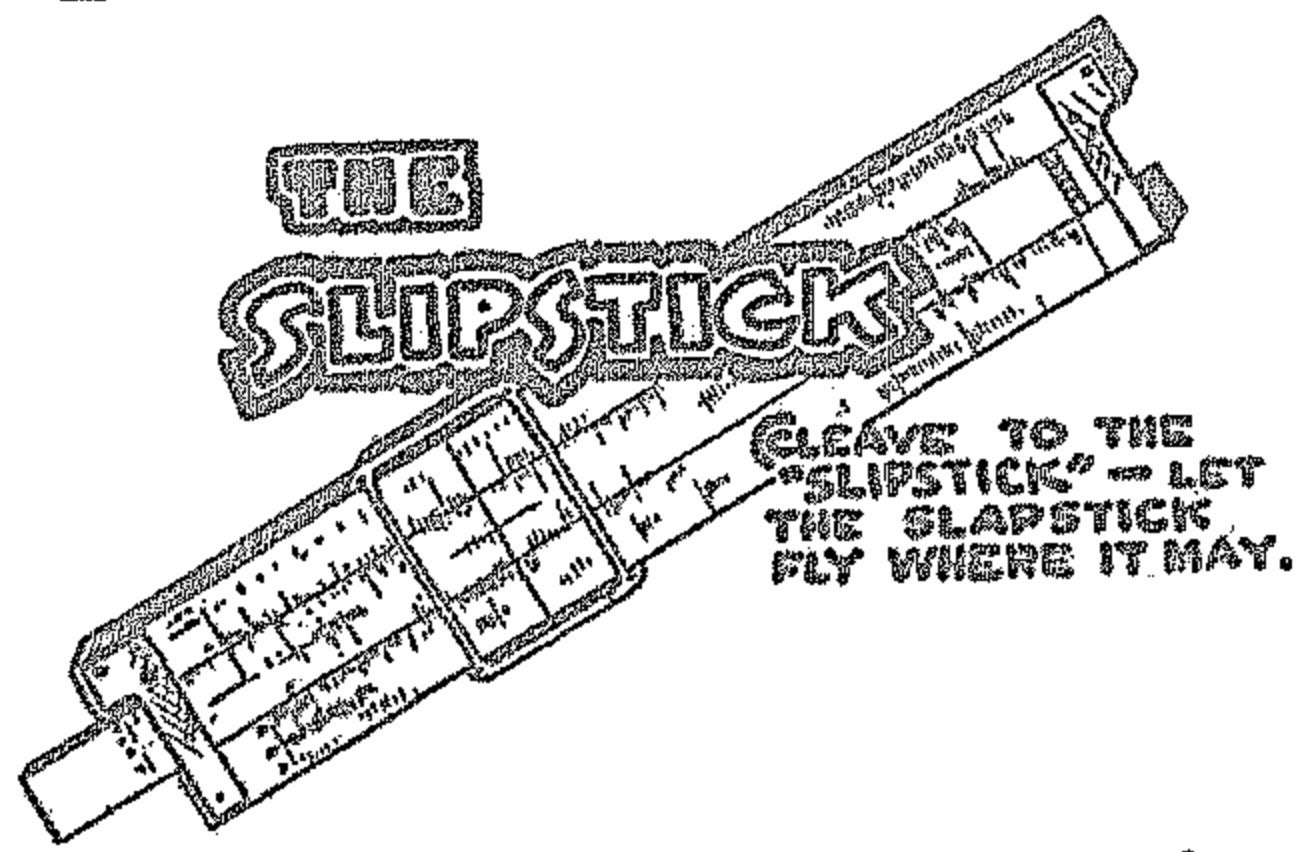
In their second game of the week, the Juniors swamped the Seniors in a rough-and-tumble session, 39 to 16. The Seniors led momentarily at the start of the game, but were hopelessly outdistanced as the Junior sharpshooters started to hit. As usual, McCullough led the scoring with 17 points. Ansell (Gangleshanks) Winterbauer finally found the range, scoring five baskets from the floor.

After having the misfortune to play their opening game against the defending champs, the pre-juniors defeated the Frosh, last Thursday, by a score of 38-23. Cross led the winners in high scoring honors, with Ceroke, Swan, Sholeen, Sternberg, Ferkan, and Platzner all contributing to the downfall of the Frosh. In all fairness, due credit must be given to the stellar play of Costello and Hess, of the first-year men who, incidentally, have scored over 86% of their team's total points this season.

Attributing his team's showing to a rejuvenated offense and defense (what else is there?), Captain Swan of the pre-Juniors has issued a challenge for a return match with the Juniors. Poor Chet—never knows when he's had enough.

The Standings To Date

	W	L	Pts.	Op.Pts.
Juniors	3	0	82	43
Pre-Juniors	1	1	50	38
Sophs	1	1	41	48
Frosh	1	2	90	90
Seniors	0	2	42	86



The zero hour again. Polish off those exams and take advantage of that short break next week cuz there's a long winter ahead.

* * * *

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

Ray: "How so?"

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

* * * *

"Where did you get that black eye, Jack?"

"My gal, Lorraine, found an old letter in my pocket that I forgot to—"

"Forgot to mail?"

"Forgot to burn!"

* * * *

While visiting the Hawaiian Islands last summer we had a very thrilling experience. We met two hula girls who loved the same man, so they pulled straws for him.

* * * *

SUCCESS STORY

Stuttering Sam Smith sighed sadly. Sue saw sad Sammy sitting sorrowing. She said, "Stuttering seems so silly, Sammy, Surely, slow speech should stop stuttering. Say, 'she sells seashells' slowly."

Sammy smiled. "S-s-sorry, Sue. S-s-something simpler."

"Sure," she said. "Say 'six senators start shooting season'."

"S-s-six senators st-st-start sh-shooting sheason," Sammy stuttered.

"Say," Sue said, "suppose solitude smooths speech!"

Sam stood suddenly. "Some secluded spot someplace?" Sam spoke.

Sue smiled sagely.

Soon settled, Sam squeezed Sue's soft shoulders. "Sue," said shy Sammy, "Something stirs soulfully."

"Sam," Sue shouted, "stuttering's stopped!"

"Swonderful!" Sam screamed. "Sue, I love you."

* * * *

"So you had a date with an Illinois Tech boy?"

"No, I tore my dress on a nail."

* * * *

And then there was the ambitious young man who started on a shoestring . . . and got slapped.

* * * *

FINISHED

I'm done with all dames.
They cheat and they lie;
They prey on us males
To the day that we die;
They tease and torment us
And drive us to sin—
Say! Look at the blonde
That just came in!

* * * *

Two little urchins were watching a barber singe his customer's hair.

First boy: "Gee! He's hunting them with a light!"

* * * *

Reformer: "And, furthermore, hell is just filled with cocktails, roulette wheels, and naughty chorus girls . . ."

Voice from the rear (faintly with a sigh): "Oh, death, where is thy sting?"

* * * *

A young man addressed a letter to another young man pointing out that he understood the second fellow had been taking his engaged girl out. He requested that the offender call at his office and talk the matter over. Two days later he received this reply: "Received your circular letter. Will be at the meeting."

* * * *

And then there's the one about the Follies queen who woke up the morning after the raid to find herself fully clothed. She screamed: "My God, I've been draped."

* * * *

"Here is a letter from your wife saying you are the father of a ten-pound boy."

"Does she say anything else?"

"That's all, except at the end of the letter she says 'Truly yours.'"

* * * *

Enough's enough! See you next semester, I hope.

OH MIN.

The Greeks Had A Word For It

GODS

Bob Creagan and Tom Cafcas

What's the most important thing that could be said in this column this week? The boys and gals got together and decided to hold an Interfraternity Formal at the Sovereign, Friday, January 30. Carl Schreiber will wave the little stick for his boys who will agitate the air with pleasing sounds.

Who's going to be there? Well, in brief, everybody, but some of the specifics will be *Gay and Tay* (chairman), *Wood and Carol*, *Bunce and Betty*, *Abe and Guzzly*, *Moe and Helene*, *Hackbarth and his flame*. We're hoping that the little blonde "Venus of Westville" can come to dance and dazzle. Remember the dance; forget your can'ts. (corn).

Pi Kappa Phi held its election of officers last Thursday. Results: *Archon, Edward Collender*; *Treasurer, Harry Heidenreich*; *Secretary, Ed Farrell*; *Historian, Jack Morse*; *Chaplain, Vic Schellschmidt* and *Arnold Kramer* (Co-ops); *Warden, Walter Poppe* and *Walt Stephenson* (Co-ops).

Alpha Sigma Phi lost to Rho Delta Rho in their second ping pong match. The Sigs had beaten the Phi Kaps in their first match. The pledges in the house are becoming a bit concerned about their coming "Hell Week." This event will be enacted between semesters with formal initiation on Thursday, January 29. Look out, pledge Christianson!

The Delts won their two ping pong matches so far over the Pi Kaps and Triangle. Exams and reports have the boys doing all their sleeping in classes these days. *I'm still trying to get a date, but in any case, WE'LL see you at the Formal, January 30. (I hope).*

It was only after reading a newspaper account of his experiences that the Daedalians finally learned the whereabouts of their "long-lost" brother, Eugene Potter. Gene left Lewis during a short period of illness, and then more or less disappeared as far as anyone could learn. From the story of his downing two Nazi planes over the English Channel while on a patrol flight we know that he's alive and well; after getting his first wings here, he's now a "D" in the R.A.F.!

Arx News

We're sorry to say that this is the last ARX NEWS we'll write. A new columnist will take over in next semester—wearing a straight-jacket, a haggard look, and our tarnished halo. We've received our share of bribes, blackmail, and big, blue bruises, and we can't be hoggyish about this thing. In our remembrance, the dirt-dishing has passed from SPECS to SCENTER to S. TINKER to GUS TOPPO to US. You'll agree it's time for another change.

Economics, mechanics, graphics, steel, constitutional law . . . the school is going nuts! . . . and the department has its little white whips out of hock, driving us onward, blazing trails of graphite through IC grit. Hope you make it, kids . . . but at any rate, don't miss the Open Forum today . . . the time is 2:30 instead of 1:30, as previously announced. See you there.

Georgie Storz hasn't been with a carramba since Christmas. We trailed him several nights over the holidays, and, egad! out with a different dish every night. Takes 'em to Shanghai's, we discovered, and makes woo over the "fled lice." He's been moping around a la Center, the guy with the gal and the greenish neckties . . . And speaking of "luhv", we hear Michaelson and Lindy are having trouble in working nights undisturbed in the lower school . . . and the scoop of the week: Larson wore down a bushel of mistletoe in celebrating Yuletide. Yes, we said LARSON! Reach down and shut your mouth!

The juniors are goin' to town with nicknames. We list the following: *DEACON, STICK, BUNNY WABBIT, SMILEY, DUMBO, MOOSE, SLUMP TEST, and KEWPIE*. The ushers will now pass among you with translations. *Flash!* Our junior spy informs us that Burleigh should no longer be known as *MOOSE*; the name now is *LARSS*. Ande Borre says Chris is short for *Crisco*.

Well, this is farewell, and the best ones are brief. "Ta!

ANN EBRIATED.

GODDESSES

Helen F. Marzullo

Classes, studies, exams, "hell weeks," initiations—all these keep the Lewis Lovlies quite busy!

Kappa Phi Delta sorority girls are making important plans for an effective hell week—a program to be presented strictly by the Kappa pledges. Plans for Informal and Formal Initiations are also being considered. A detailed account of the activities will be revealed at a later date. June Keifer will resume her studies at Lewis and she also will join her Kappa sorority sister in their social activities, as well. (Glad to have you back, June).

Cupid is doing his work very efficiently among the alumni members of the Sigma Omicron Lambda sorority! Lillian Snodgrass, a graduate of 1941, was next on the list. She has become engaged to Al Reynolds. Best wishes to you! (Ed note: Mine, too!) The actives will have their monthly meeting at the home of Lorraine Anderson, on Sunday, January 25.

The girls are also very busy making plans for the Informal Initiation of their pledges. The event is to take place on Friday, February 6, at the home of Mary Ann Knirsch. Further plans are not definite.

Sigma Beta Theta girls were entertained by their sorority sponsor, Mrs. Stevens, on Saturday, January 17. After a dinner party, held at the home of Mrs. Stevens, the girls attended the Goodman theater.

Girls from each sorority have volunteered to join classes in order to aid the American Red Cross. Many of them will knit; some will make surgical dressing; and others will take a course in Home-Nursing—but all will do all in her power to "Keep 'Em Flying!"

"Well, folks, that's all there is; there isn't anymore."

At the final business meeting of the "D's" for the fall semester, Regent Tom Cafcas announced that he is leaving the Institute after having completed the required work for his degree. Others who finish at mid-year are Ernie Lillek and Ted Kowalski. Jim Sullivan is leaving on Jan. 27 to join the U. S. Army Air Corps—he passed his physical exam last week.

The draft has finally reached into the ranks of Zeta Beta Alpha, taking Scribe Maurice Rubenstein during the last week.

MY SWEETHEART

There is a sweetheart I adore,
She is my heart's desire,
Each time I gaze along her curves
It sets my blood on fire.

She's absolutely right for size,
She's steady as an oak,
Her manners are above reproach,
She doesn't drink or smoke.

Her curves are just where curves should be,
She's satin smooth to touch,
And for the pleasure she affords
She doesn't cost me much.

For sleeping, say, she can't be beat,
She makes me feel at ease,
Her gentle, rolling motion is
The kind that's sure to please.

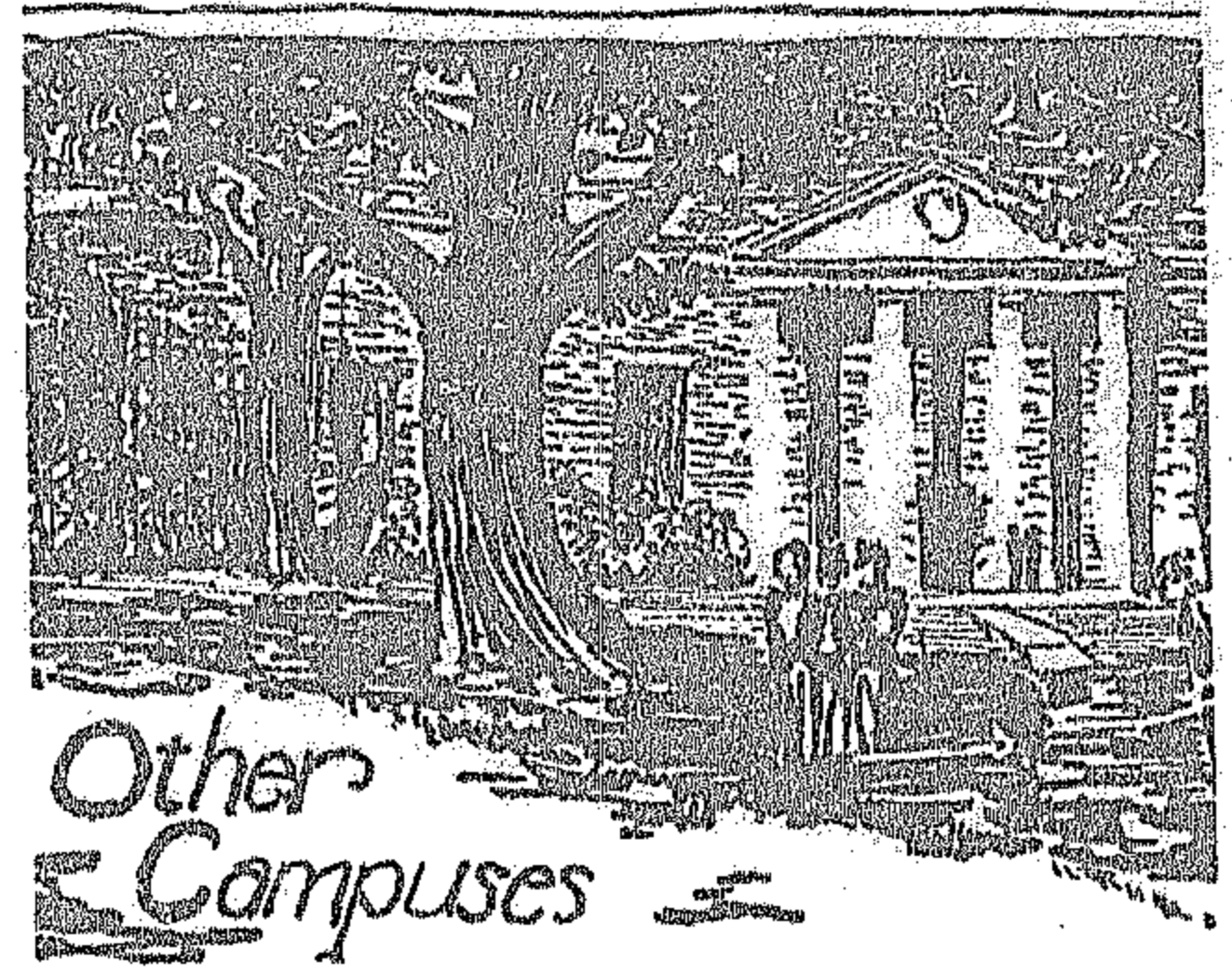
I've fondled every curve and rib,
I've felt her every joint
And cannot seem to find one fault
Of which to make a point.

She's sensitive, though not too much,
But like all things much used
Will show a little wear and tear
If too much she's abused.

The one thing I partic'larly like—
She never answers back
And never weeps if, when she's bad,
Her bottom round I slap.

Just thoughts of life without her and
A lump comes in my throat—
I still maintain she is the best
Of any BOAT afloat.

M. A. BOYE.



By Raymond W. Sauer

Frank L. Winship, director of the drama loan library of the University of Texas, is convinced that Texans are honest.

Last year the library mailed out 26,235 plays having a total value of \$13,000, to readers all over the state with only their word as security. Less than \$50 worth of the plays failed to return.

The largest play-lending library in the world, the drama loan library contains more than 30,000 titles including all major plays. Plays from its shelves are available to anybody in Texas who is willing to pay the postage — which usually amounts to six cents.

* * * *

Northwestern's Purple Parrot told of a student who turned in a 20-year-old term paper from his fraternity's files. He got an A minus, and a note from his prof which, roughly, ran like this: "This was an A paper when I wrote it, and by golly, it's still worth an A minus!"

* * * *

Rexford G. Tugwell, governor of Puerto Rico, formerly was chancellor of the University of Puerto Rico.

* * * *

A survey of social scientists, men who may be available as translators, interpreters, statisticians, and lecturers in defense work, is underway at the University of California.

When the survey is completed, President Robert Gordon Sproul will place in the hands of the government a complete record of the faculty men in the social sciences who will be available for defense work. The survey is similar to one conducted several months ago in the physical sciences.

* * * *

When Jessica Dragonette appeared at Kent State University (Ohio), to present a voice concert, she received a new addition to her collection of hats with meanings.

The addition was a Kent State 1945 freshman dink. Robert Byrne, president of the freshman class, presented the dink to Miss Dragonette at a press conference.

* * * *

Under a labor-study plan in operation at Berea college, Kentucky, students are required to spend less than \$150 a year.

* * * *

The old argument on the pros and cons of the theory of evolution will probably never stop, but Prof. J. M. DeHaan of Michigan State succeeded in closing his Wednesday afternoon philosophy class' discussion of the problem very abruptly.

Discussing an old Greek philosopher's theory that "man in the beginning was a fish," Doctor DeHaan remarked philosophically that "one might add that sometimes it seems the process has not developed any too far."

* * * *

Short items about activities of Grinnell students are being sent to home-town newspapers.

Everytime a student's name is mentioned favorably in the Scarlet and Black, the news item is sent to both the student's high school and home-town paper.

* * * *

The Catholic University, of Washington, D. C., possesses the largest collegiate campus in the District of Columbia—more than 150 acres.

* * * *

University of Minnesota extension division is offering a course in cartooning under Len Kleis, Chicago Tribune cartoonist.

* * * *

Park college is about to get out of the utility business which it edged into accidentally 40 years ago by supplying the city with a water system. The city voted to turn over the provision of a water system to a private company—a decision that was approved on all sides.

ALUMNUS DONATES \$2000 FOR FIELDHOUSE

TECH WINS TWO FROM CONCORDIA

Meet Grand Rapids U. Here Thursday

Illinois Tech won both games of a double header at River Forest last Saturday evening as the Varsity walloped the Concordia Teachers 44-34 and our Frosh quintet scored a 42-31 victory. The game was a charity match and 50% of the gross receipts were turned over to the Red Cross.

To help swell the purse the students paid a nominal admission price, ordinarily their athletic passes admit them gratis. A full capacity crowd was in attendance and the evening was spotlighted by much gaiety and band music.

Ray LaGodney tallied 10 points for the Techawks with 5 field goals and Capt. Howie Pendlebury sank 3 buckets and 3 free throws for a total of 9 points.

For the first 9 minutes the players averaged 2 fouls per minute in a vigorous exhibition of hard play. Throughout the game there was only a 2 or 3 point difference. 2 baskets were scored in the last 5 seconds.

The win was Tech's fourth victory against 6 defeats. The five will meet Grand Rapids university on our home courts on Thursday, Jan. 22, and will meet the American College of Physical Education at their school Friday.

Tech dropped its second contest of the season to Chicago Teachers College, last week, by a 31-21 score. Howie Pendlebury and Ray LaGodney scored three baskets apiece, also tallying three and one free-throws, respectively. Spelling doom for our Techawks, was the new fan-shaped backboards which have been installed on the CTC home court.

Shooting for Illinois Tech was, in general, very poor and the free-throw average (normally 45 per cent), was as low as 30 per cent. Seven charity shots were dropped out of twenty-two offered to Remie's boys.

It can be said that if our men had practiced previously on the new type back-board, the results of the game would have been altered considerably. The battle was fought furiously all the way and the score was kept down by close guarding.

Score at the half-time was 16-7, with CTC on top.

Student	Fieldhouse Fund
ITSA	\$10,000.00
Claude Knuepfer	2000.00
Class of 1941	96.38
Honor "I"	25.00
Loose-Change	19.30
E.D.T.	13.00
Evelyn Winbolt	10.00
Wm. Bauch Jr.	5.00
Robert Schmidt	1.00
????	????

CUTTING THE ICE!



Tech hockey men fight furiously to regain lead over Chicago Maroons. The game was played at Stagg Field on very soft ice.

University of Chicago Scores 6-3 Win Over Fighting Hockey Squad

Last Friday night, "Doc" Davey put the best hockey team of his two-year coaching career on the ice. However, the team came out on the short end of a 6-3 score against the Maroons, on their ice.

The boys from IIT were somewhat handicapped by a smaller than regulation hockey court. Due to the temperature, the ice was not hard enough for a fast game, which the boys play better. After one minute of play, it was practically impossible to slide the puck across the ice on account of the snow on the ice.

IIT played most of the game with a somewhat risky one-man defense. Chicago managed to dodge this man more than once going down the ice. The Maroons had a more polished passing attack than Tech stick handlers. Most of this passing proficiency could be attributed to the competitors' advantage of playing on their home ice.

The coach gave the team a good pep talk and the team made two goals. Co-op George Crawford, veteran of two seasons, and Dick Osberg, freshman chem, made the two scores. Dukeworth of Chicago then came forward and served two goals unassisted.



Hal Davey

Rahill of Chicago started off the third period with a tally. A tragedy hit then when Chicago's stellar goalie got a four-inch gash on his forehead. Andy Park took over Chicago's net and in fairness, "Doc" put Carl Forresberg in the IIT's nets. Then each team scored goals, with Osberg and Dukeworth tallying the points. Both teams were well tired out after playing on the slow ice.

IIT plays a return engagement with Chicago on Monday, Jan. 26.

Hockey Line-up

IIT	Chicago
Wittekindt	G Khym
Parks	D Bernstein
Wittenberg	D Rowler
Watson	C Dryden
Evlitt	F Dean
Deberg	F Hersches

Spares: IIT—Metcalf, Crawford, Brown, Ozimet, R. Johnson, Walter, de Broff, Forresberg; Chicago—Dukeworth, Simon, Park, Rasmussen, Pattou, Rahill, Priest, Evers, Rueckert.

Goals: 1st Period—Dean (Dryden, Herschel), Bernstein; 2nd Period—Dukeworth, Crawford, Osberg, Dukeworth; 3rd Period—Rahill, Osberg, Dukeworth.

Lewis Rifle Club Expands Organization

In a meeting presided over by William Sell, acting as temporary chairman of the B group Co-op rifle club, the members decided to affiliate with the Lewis Institute Rifle and Pistol Club. The Co-ops have organized four teams which will frequently meet in informal competition so that the Co-ops may bring their marksmanship up to the standards of the club's elder members.

The LIRPC is a self-supporting association in existence for several years. Thomas Cafcas, president; Lowell Stevenson, treasurer; and Duncan MacMillan, faculty adviser, direct the activities of the group which also lists as members Melvin Schultz and Alvin Turley of the chemistry faculty.

Since the addition of the sixteen Co-ops, the club has increased its activities on its range beneath the auditorium, and is now preparing for matches with other schools. Any liberal arts student is eligible for membership, annual dues being \$2.00 and a \$1.50 initiation fee.

Claude E. Knuepfer, Civil 1915, Presents Gift to Illinois Tech Fund

TECH SHORTS

By John Butkus

The rifle team is going great guns to put it generally. For the first time in years the riflemen on the team have pelted the bulls-eye for a score of 185 or better. Last season 185 would have been tops on the team in most meets. This year the sixth man, Cwiak's 182 leaves him only with a position on the second team. Yessir, a powerhouse of a team.

FIGHT FANS ATTENTION

The services of Paddy Kane, the CYO boxing chief, has been obtained for refereeing the Tech boxing team's first seasonal meet. So don't forget to come up to see the boys in action against St. Joseph college this Friday the 23rd.

Surprise! and surprise! What is this? What powerhouse team, composed of "star" athletes, has been pounding the cellar position of the intramural bowling tournament?

By the grace of Oscar's beard! It's true, the Jr. Mechs have the stinkers rating. Sad, very sad, but the lads sure have a strangle hold on the last place. Boys! How could you!

It's a pleasure to drop into the Milo-Weissner alleys for several hours. There, one can relax to the music of crashing pins, sound of thudding balls, screams of contestants and groans of bystanders and pin boys.

It is with strange feeling that this writer, commonly known as the assistant to the Sports Editor, on behalf of the members in the same category, scribbles his last few lines. Strange in the sense that leaving the Tech News in an official manner is an experience happening for the first time.

Yet, leaving the staff and its memories to the new men, gives me some satisfaction in knowing that they will derive some certain joys and sorrows during their stay. Luck to the new staff!

Civils Top List

Leading the pack at this writing are two Civil teams. The Sr. Civils No. 1 team and the Soph Civils are tied for first place with five victories and one loss chalked up for each one. These standings should not be considered as much of an indication because before the season is over each team will have played four times as many games as it has now and plenty can happen in those remaining contests. The true trend will begin to show itself in the next week's score.

Several impressive highs have been hung up so far in the com-

Generous Offer Helps Swell Student Drive

Illinois Tech's new Fieldhouse Fund was substantially increased this week with the reception of a \$2000 donation from Claude E. Knuepfer, C.E. '15. Without being solicited, Mr. Knuepfer, vice-president of the Armour Alumni Association, generously responded to the needs of his alma mater and thus is among first AIT graduates to contribute to the fund.

Active Undergrad

As active in his undergraduate days as he has been in the alumni association since graduation, Mr. Knuepfer visited Camp Armour with the civil engineering class in 1913, where he was an instrument man and director of the commissary. As a result of his activities there, the song "Brother Knuepfer, may we go for a sail?" was composed, remaining popular with civils until graduation.

President of Firm

During his four years at Armour, Mr. Knuepfer, in addition to being business manager of the 1914 Cycle, was an active member of Phi Kappa Sigma, Sphinx, Armour Civil Engineering Society, and Polemium Society, a literary discussion club. Residing in River Forest, he is at present president of the General Engineering Works, Chicago.

Encourages Drive

Mr. Knuepfer's generosity provides an inspiration for the school—its faculty, students, and friends. It is one step further along the road towards making IIT. We hope that Claude Knuepfer's challenge will not go unheeded and that other alumni will remember their school.

Dr. Calkin of the Department of Mathematics is going to help Uncle Sam win the War. He will go on a leave of absence at the end of this semester to join famous Professor von Neumann at the Institute of Advanced Study in the mathematical investigation of a war research project.

FACULTY BRIEFS

TWO CIVIL TEAMS TOP GREAT TECH 1942 INTRAMURAL BOWLING TOURNEY

IIT's bowling tourney gathers momentum as it rolls on into its third week. The teams have all bowled at least two games apiece to date, and thus the standings are stretching out as the wins and losses pile up.

Leading the pack at this writing are two Civil teams. The Sr. Civils No. 1 team and the Soph Civils are tied for first place with five victories and one loss chalked up for each one. These standings should not be considered as much of an indication because before the season is over each team will have played four times as many games as it has now and plenty can happen in those remaining contests. The true trend will begin to show itself in the next week's score.

Several impressive highs have been hung up so far in the com-

petition. Bob Zelin, Jr. FPE, holds the individual top score for high game and high series with a 223 and a 593 for the respective items. The Senior Juicers came through with an 869 game to lead the field in the high team game bracket. Knocking off a 2543 the Sr. Civils have so far copped the honors for the high team series.

Standings as of Friday, Jan. 16

Team	W.	L.
Soph Civils	5	1
Sr. Civils No. 1	5	1
Jr. FPE	4	2
Sr. Mechs No. 1	3	3
Sr. Juicers	2	4
Sr. Civils No. 2	2	4
Soph Chems	2	4
Jr. Mechs	1	5

Four other teams are competing in the tourney but complete results have not yet been posted by these teams.

More Men Needed For Track Team; Poor Turnout At Practice Sessions

Lettermen Expected To Carry Attack

Hampered by adverse practice facilities, semester exams, emergency war-time program and a small turn-out, the Illinois Tech track squad has begun its second week of practice. With its initial meet scheduled in the second week of February the squad has but a scant few weeks to get in mid-season form.

"Remie" Leads Team

This, the first season under Coach "Remie" Meyer, acting mentor for Norm Root, bodes to be less successful than other great seasons in the past unless more potent green material can be found. The sturdy band of nine veteran lettermen, led by Co-captains Dick Barry and Wayne McCullough, are all practicing under severe handicaps. Nearly everyone is an upperclassman and hence carrying redoubled scholastic programs due to war-time conditions. It is expected then that freshmen and sophomores, especially the frosh, will have to carry the brunt of the work on the squad. At present only four or five yearling candidates have responded, yet there are nearly thirty frosh in school who were track letter winners in high school. Kerney has stated that more equipment will be issued at any time that at least twenty more outfits can be distributed.

Lost Only One Letterman

The track squad lost only one letterman last season through graduation, but more severe blows were struck when Coach Root was confined to a sanitarium and Manager Bill Vizard renounced his duties because of a heavy scholastic load. Then the weak response of candidates has failed, as yet, to bolster the team hopes.

At present the eleven indoor events are being taken care of by these men. Co-captain Barry will handle both hurdles and participate possibly in the pole vault. Co-captain McCullough can run

any distance from the half-mile up to the two-mile. "Mac" can also double in the high jump and pole vault and on occasion ran a good leg on the relay team. Last year's captain Harry Heidenreich, all-around field event star, will be top man in the Tech pole vault and high jump departments. Harry's specialty is the javelin throw of which he is the school record holder at 16 feet 4 inches. Jack Tregay, weightman extraordinary, will account for plenty of firsts in the shot put. Only other major letterman on the team is Bob Osborne, phenomenal freshman of last year who scored 118 points in 11 meets. "Ozzie" will specialize in the quarter and 60 and run the anchor leg on the relay team.

Other Stars Back

Another sophomore who should come into his own this year is George Erkert, a very promising 880 and mile specialist. Don Keigher, veteran hurdler, will be one more expected to grab off plenty of seconds and thirds in the high sticks. Ray Sauer will do his share of point getting in the middle distances. Sophomore Bill Parks although doubling in hockey may reach new heights in the high jump.

In the non-letter group of candidates Chet Swan and Ira Lipschutz are in the shot. Bill Watson may star in any event. Ratner, Matthews, Johnston are potentials in the distance events. Mills looks good in the jumps.

Need More Men

But the above tracksters are only a nucleus, a framework. For a good all-around team at least double this number must be working out. No event is so fortified it could not do without at least two more men.

Ping-Pong Tourney Reaches Semi-Finals

Intramural ping-pong at Armour is reaching its final stages. Only three quarter-final matches remain to be played in the singles competition whereas the doubles teams have come to the semi-finals. Final examinations will hold up the tournament this week. However, Milt Pleva, Intramural Manager, has stated that deadlines will be strictly enforced after school resumes. Penalty for not meeting the deadline will be a forfeiture by the participants.

Close One

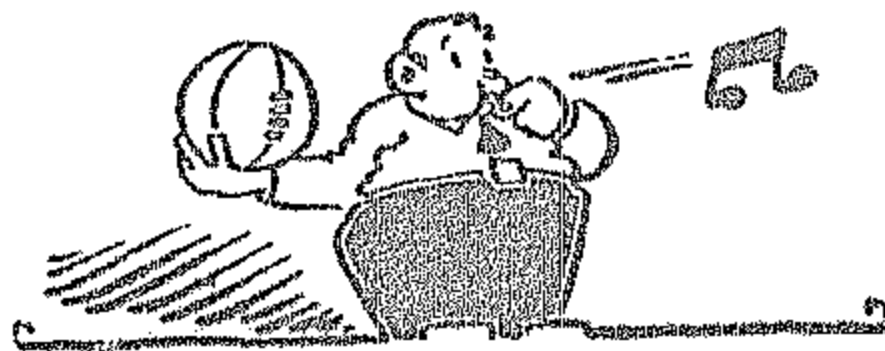
Best game of the week was played by Bob Adelson and Jack Byrne. Bob won 18-21, 21-16, 22-20. Byrne took the first rather easily but could not maintain enough control over Adelson's shots in the second game. The final match was finally won by Adelson after a love game. This contest puts Bob in the semi-finals.

Participants in the quarter-finals include Pete Zemaitis playing Bob Johnson, Herschell Franks contesting Aaron Kolom, and Philip Huguelet challenging Leonard Shane.

Upset in Doubles

The upset of the week came in the doubles tournament, when Aaron Krus and Aaron Kolom beat Jack Byrne and "Lefty" Mongeau. This put the two Aarons up against Herschell Franks and Bob Adelson in the semi-finals. Edwin Franks teamed with Jacobs against Jim Gleason and Al Cole in the other match.

TIME OUT



By Warren Spitz

Lightly tripping over the type-writer keys with two fingers, amidst the steady rattle of the linotype machines and presses, we, for the last time, gently lay to bed another sports column. We take this "Time Out" with memorous recollections of the past year.

We feel very greatly gratified that in the new leaders of your paper, you will find hard-working and clear-thinking students, who are, despite much criticism, fighting every inch for a better, bigger and fully developed Illinois Tech. Congratulations, boys! To you, the torch of progress.

Well, let's jump into a review of the news.

Of course, one of the first events we think of is the annual running of the Illinois Tech Relays, because as a freshman this event earned your reporter his first big story and by-line on the sports pages and, as a senior, he looks forward, more than ever to the Games, John Schommer, and their significance in Tech's endeavor to be on top.

Sometimes last March we wrote a column about letter awards. Since then the I-Tech monogram has grown and will continue to mean something more than just another athletic award.

Then came the opening of the baseball season, at the end of which, Tech had annexed the conference title—the pitching of Al Yursis—the nine will miss him plenty.

Came Open House — we were sick, but our great sports staff carried on. Johnny, "Bubbles," Micky, Don, Earl, Dick G., Eddie, Bob A., Dick L., they've done a hell of a swell job all year.

The ITSA banquet. If there was ever one like it, it will come in the future, but never was in the past. Then vacation.

In the fall we returned to editing the sports of IIT and enjoyed a great pleasure in helping to do our part in the instigation of the Fieldhouse Fund, our greatest Pep Rally, a terrific crowd at the Chicago basketball game, the hospitalization plan and a better school. We saw Tech's biggest dance and all-in-all, the greatest year in the history of fight, pep, spirit — achievement.

So long, sports pages. May you continue during our nation's effort, to keep your efforts worthy of your school and country.

—Thanks all!

RED CROSS APPEAL

The United States is at war—total war! Not only do our Army and Navy need the Red Cross, but even you and I and millions of other civilians like us, may be the beneficiaries of its mercy, for no one knows where total war may strike. To give to the American Red Cross War Relief Fund is not only patriotic, it is humane.

Americans are giving—not because they are asked, but because they want to give. Your help is needed, and I hope that you will respond to this appeal promptly by filling in the Red Cross subscription cards and leaving them at the Cashier's office at either the South or West Side campus.

Henry T. Heald,
President.

FINALISTS DETERMINED FOR INTRAMURAL WRESTLING AND BOXING CHAMPIONSHIPS

Tech Graduates In Service Of Nation

By Dick Larsen

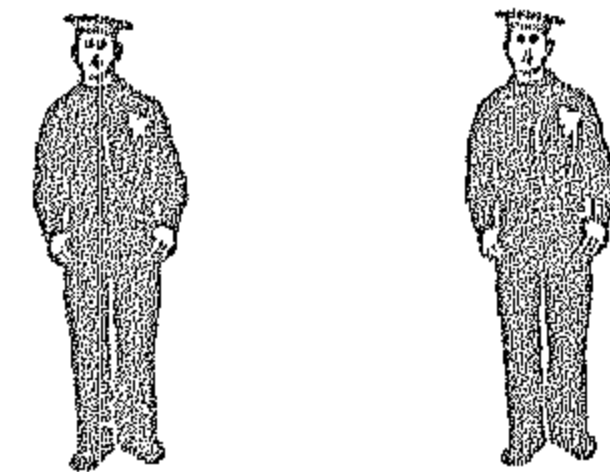
At least thirteen men whose names have been prominent on these sports pages during the past few years are now fighting for their country as they once fought for their schools. The Army and Navy Air Corps are predominantly the choice of these sturdy athletes, but nearly all branches of service are represented in the sections.

Former Sports Editor of Technology News, and cage star, Jim Fahey '40, is now serving as a lieutenant in the Army Air Corps at Selterfield Field, Michigan. Harold Anthon '33, tennis star, is also a lieutenant in the same branch, at Baker Field, California.

Score As Instructors

Serving currently as instructors in the Naval Air Corps, are Ray Pilaum, Mech. '34, and Warren Umbright, recent Fire-Protection. Both were members of the basketball squad. Ray is stationed at Pensacola, and Warren at Jacksonville, Florida.

The Providence, Rhode Island, Naval Ordnance claims last season's basketball and baseball co-captain, Ensign Bill Krause; whereas Frank Pfeffer, last season's shortstop, is located here in Chicago in the U. S. Army Ordnance department. First Lieutenant Jack O'Connell, Ch.E. '38,



is with the Air Corps active in the present hostilities at Nicholas Field, Hawaii. Jack, incidentally, is the brother of our current cager, Danny O'Connell.

Former Cage Captain

Hank Sliva, captain of last year's basketball, holds down an ensign's post in the Naval Ordnance at St. Louis. Another ex-cage captain, Ed Swanson, is an ensign in the Air Corps attached to the Atlantic fleet.

FPE Charles Matt, is an Army Air Corps cadet at Victory Field, Texas while Wally Rozanski, '40 wrestler, is training at Kelly Field, Texas, and Jack Euenck, '40 boxer, makes his home at Randolph Field, Texas.

Perhaps you'd be interested in the whereabouts of other of our grads and undergraduates who have joined the services. John Segner, drummer in the band and orchestra from '39 to '40, is in the Army Air Corps, as is former Arch student, John Coyle, now located at Kelly Field. Bill McCormack, soph mech, recently left school to make use of his C.A. training in the Army Air Corps, and Leo Lackner, soph architect, left school to take a post in the Marines.

Some Arch Students

Former arch, Ray Ostegren, is joining his father, "Bobby" Ostegren, former professor in the architectural faculty, who holds a reserve commission. Also, Lou Jacobs, '39, and Henry Michalak, '38, recently passed their State Board architect's exam and are now enlisting as ensigns in the Navy. John Weese, who left the arch department last summer to join the Army, has been promoted to the rank of corporal.

"Sonny" Guides Tourney To Climax

Under the capable direction of "Sonny" Weissman, that affable pedagogue of the fine arts of wrestling and boxing, a very successful intramural tournament is rapidly drawing to completion. In the wrestling tourney, one champ has already been crowned and the other two classes have reached the finals, while the finals are just starting in the boxing elimination.

Enlitt Wins

George Martinek tangles with Al Glasgen for the 170 to 190 lb. title in the wrestling competition. Bill Watson takes on Sherman Sieman to determine who will meet Charles Bachman in the finals of the 140 to 150 lb. class. Jack Enlitt has already copped the medal in the 135 lb. class by conquering Jerry DeGiorgi. These are all six minute bouts with a one minute time advantage used to determine the winner.

In all, 33 men participated in the wrestling and to date 20 interesting bouts have been run off. The next action for the tug and toil team will be at Beloit on February 14. On the 21st and 28th the squad will have meets with DeKalb, first there, then here. The season will be concluded at the Wheaton Invitational Meet on March 7th.

Title to LaCivita

Bob LaCivita has crashed thru to the 135 lb. title in the intramural boxing tourney by out-pointing Eugene Demet. The competition was tough in this class and the finals produced some classy glove toting. Ramon Mankus and George Martinek will meet for the heavyweight title, while Bill Plice and Bill Watson will batter it out for the 147 lb. championship.

St. Joe Friday

This Friday at 4 p.m., our Scarlet and Grey squad will engage St. Joe college in a match in our gym. As an added attraction Paddy Kane, CYO coach, will referee the bouts. In the forthcoming Golden Gloves, Coach Weissman will enter Leroy Simpson at 146, Warren Sadler and Ed Strauss at 135, Jerry DiGiorgi at 128, Bob Lukes at 145, and Arthur Ellis at 118.

Boxers Meet St. Joe Here This Friday

With the Golden Gloves tournament scheduled to begin January 28, seven Illinois Tech boxers are sharpening their punches. Their punches are aimed at the best boxers of the mid-west which they will come up against.

Scheduled to carry the Techawk attack in the coming tourney are Art Allis, 118, Jerry de Giorgi, 128, Warren Sadler and Ed Strauss, 135, Co-op Roy Simpson and Bob Lukes, 145, and George Martinek in the 175 pound class.

The lads will have a chance to get into fighting trim before the curtain raiser, as St. Joe does not travel here until next Friday.

The wrestlers will begin rolling again when they travel to Beloit on February 14. Following this, on February 21, the grapplers will battle DeKalb on the latter's home mat. A return match is scheduled with these lads a week later on the Illinois Tech pads.

TECH RIFLE TEAM GUNS FOR TITLE

Illinois Tech's rifle team which is aiming for a national championship next March seems destined to win the coveted crown. If the consistent improvement of the sharpshooters is an indication, the team is undefeatable.

Excellent Record

Against Northwestern, two weeks ago, the team shot a 923 to tie the Wildcats. This 923 was one of the highest team scores in years. Then last week they won over State with a 933, a new all time school and team record.

This week the team put together an invincible 945 points out of a possible 1,000 against Missouri School of Mines. Being a postal match the match has not been decided but there is little doubt of the result.

In this match, Norm Carey and Capt. George Borre led the team with 193 and 192 respectively. The other three placers are Bob Newman, 188; Ray Smith, 187, and Fil Witte, 185. A strong sixth man, although not considered in the score is Cwiak's 182.

Shatter Record Twice

Thus in two weeks running the Tech gunners have shattered the all time team record twice. This is some shooting.