

Proposed Honor System hits polls for vote

Christmas Dance, Dec. 19, swells Yuletide spirit

And now for the details! The sophomore Christmas dance, Saturday, December 19th. The orchestra for this gay affair will be Ernie Nordeen and his cohorts. These white coated lads will mingle sweet and mellow rhapsodies with live wires such as "Praise the Lord", "The Steam is on the Beam" and others.

Ernie has a six piece orchestra and rivals the "sweetest music this side of heaven." On the other side they say that if Ernie's piano player ever breaks into Boogie Woogie it'll be just too bad for all jitter-bugs. They just won't be able to control themselves.

Bids are now on sale in the student union. So on the double engineers, one and all! Roy Andres, newly appointed sophomore social chairman taking the place of Perry Anderson who answered the call to war, promises a lively and entertaining evening.

Jack LeVantis and Phil Richman of the decoration committee have every nook and corner picked out in which to hang sprigs of mistletoe, etc. Right now the boys are praying for a little more snow to make snowballs they can throw at anyone who won't buy a bid and partake of the festivities.

Get your bid at the bid headquarters in the student union or from Pete Minwegen soph class president, Roy Andrews social chairman, Mike Coccia, junior social chairman, Mario Silla, senior civil and many others.

Once again we'll stress the fact! Please don't wait till the last minute, call her now! All phones are available to the Tech students as of this minute.

As announced in the last issue of the TECHNOLOGY NEWS, wild western movies will be an added attraction with double features running at intervals. The lounge will be in its glory and the lunch room will whip up cokes, sodas, and shakes for all who thirst after a dusty ride across the plains or after a hot medley of tunes.

South campus cafe improves facilities

Because of the increase in the student body the facilities of the lunchroom have been inadequate since the beginning of the semester. In consultation with Miss Lipert, director of the cafeteria, the ITSA board has been seeking a solution to this problem.

At its last meeting the board voted, effective yesterday, to open the balcony of the auditorium to students who bring their lunch and do not require the facilities of the cafeteria. The balcony will be open from twelve to one o'clock. Waste containers will be provided and the students are requested to use them and keep the balcony free from paper. In addition the cafeteria has made arrangements for the sale of milk.

Komarewsky predicts '44 rubber supply

By October, 1943, America will have a synthetic rubber production capacity sufficient to provide her military needs, Dr. Vasili I. Komarewsky, professor of chemistry at Illinois Tech, announced last Wednesday at an open meeting of Sigma Xi.

"Synthetic rubber is here to stay", declared Dr. Komarewsky. "With the knowledge now available and the processes yet to be improved, the synthetic rubber which will be marketable in the early months of 1944 will be better than the natural product". Dr. Komarewsky pointed out that one million pounds of synthetic rubber, twice the United States' need and all the world's needs in peace time, will be an actuality at the beginning of 1944.

In explaining the four processes of synthetic rubber production, acceptable by the United States for immediate production, Dr. Komarewsky reviewed the work concerned with a process of improving the manufacture of synthetic rubber. The research activities of the Gas institute have been related to the preparation of butadiene, the principal raw material of synthetic rubber.

Dr. Komarewsky's address was presented to members of the Illinois Tech chapter of the honorary scientific research fraternity and patrons interested in synthetic rubber.

Peebles clarifies student war status

Dean J. C. Peebles of the south campus sounded a reassuring keynote last Thursday, December 10, in an address which gave members of the Armour student body definite information regarding their status in the war effort. He voiced his opinion on the wartime future of IIT, in order to quell rumors which have raced around the campus.

The occasion as Pi Kappa Phi fraternity's Founders' Day Banquet. Dean Peebles was guest of honor and speaker of the evening.

Freshmen enrolled in the Navy's V-1 program, will remain in school through next semester. Then some or none of these men will commence active duty if their services in active duty are deemed more necessary than their continued education.

There is a silver lining, according to Dean Peebles, for underclassmen not yet enlisted in any branch of the service. Those in the Enlisted Reserve Corps will probably be called for duty at the end of the present semester. Enlistments in the Navy (see PEEBLES on page 3)

Music clubs present Christmas program

Under the able direction of Gordon Erickson, musical director of IIT, the combined Musical Clubs of both campuses will present their annual Christmas program Wednesday morning, December 15, at 10:15 o'clock. As has been the custom in the past the entire student body will join in singing Christmas carols at the opening of the program.

All departments will be closed for the periods including the library, lounge and cafeteria.

Mr. Erickson's new song, "From the Four Ways We're coming" will be given its first presentation at IIT before the students at the coming assembly.

THE PROGRAM

Christmas Songs	Student Body	
A Yule-Tide Potpourri.....	Orchestra	Delamarter
Adoramus Te		Palestrina
Hark the Vesper Hymn.....	Glee Club	Russian
Adagio Pathetique	Orchestra	Godard
I Sing		Paisley
Song of the Jolly Rogers	Glee Club	Candish
Ballet Egyptian	Orchestra	Lugiui
Moonlight and Serenades		Erickson
From the Four Ways We're Coming	Glee Club	Erickson
A Voice of Freedom.....	Glee Club and Orchestra	Rubenstein

Accident? Suicide? Oldenburger decides age-old question

A man falls off a building. Is it accident or suicide? An answer has been provided by the scientific investigations of Professor Rufus Oldenburger, mathematics instructor at IIT.

If a man merely loses his balance and falls, the body will first describe a circular arc and then follow the course of a parabola. It will strike some distance out from the building. This distance, for a given height of building, varies somewhat with the height of the man, whether he stood erect or crouched, and whether he gave himself some slight impulse after losing his balance.

Doctor Oldenburger investigated all the ways in which a man of varying proportions, can accidentally fall off a building—first mathematically, then experimentally.

The experiments were made with sticks of small models which were allowed to fall off a ledge in the laboratory. They were then photographed by the Armour Research Foundation with a camera making 15 exposures per second, so that the position and altitude of the model was shown at various points of the fall.

Characteristic of the accidental fall is that the body turns end over end while falling. This is due to the initial circular motion which occurs after the man has lost his balance and continues until his feet have left the ledge. This turning continues throughout the fall.

On the other hand, if a man merely steps off a ledge, he will fall nearly vertically. If he walks, runs, or jumps off a ledge, he will land farther out than if the fall had been accidental. In none of these cases will there be much if any turning.

The amount of energy a man puts into a jump may be calculated from the distance away from the ledge at which the body lands. Doctor Oldenburger further backed up his findings by having young athletes do some jumping for him. He found that the maximum energy which the

(See OLDENBURGER on page 2)

Japanese IIT grad injured quelling riot

Ten men, including a graduate of IIT, were wounded December 7 during an outbreak in the Japanese relocation center in California.

In the outbreak Fred Tayama, EE '29, was attacked by six men who were among the pro-Axis agitators. After being taken to the hospital, Tayama was spirited to safety outside the camp by loyal attendants who frustrated an attempt to remove him.

Mr. Tayama is a past officer of the Japanese American Citizens' League, which is devoted to making better citizens out of Japanese-Americans. He is an active civic worker and has always done his best to demonstrate the loyalty of the Japanese-American.

Trial ends in mass meeting Friday at 10

Plagued by charges and counter-charges, the Honor System will meet its final test next Friday, December 18, at 10 a.m., when the Honor Board holds an assembly and referendum in the Student Union.

After a month of trial, in which the Honor Board has dealt successfully with several cases of violation, the Board will present a report to the student body at the mass meeting this week. All IIT members including faculty, administration, and students are invited and urged to attend this assembly.

On Friday, as soon as is practicable after the termination of the assembly, the ITSA will conduct a closed ballot of the entire student body. At this time the opinions that have been flying around the campus will be definitely expressed. The will of the majority will become the will of the school.

During the month of the trial period the Honor Board has had several cases to decide, the essence of which will be disclosed at the assembly. The members have also been beset by various members of the student body who have wished to persuade them one way or another as to the merits of the system. Such phrases as "Gestapo", "That's none of my business", "darned good system", "working fine", and "seems to be O.K." have been voiced to the board members, who have carefully weighed these points and will try to present them clearly and in an unbiased fashion to the assembled multitudes on Friday.

As in the previous meeting the students and the faculty will be allowed to express their opinions on the floor of the meeting. Of course, these dissertations will be limited to the point so that only pertinent ideas will be presented. All classes, including co-op's, will be excused for the assembly and if it runs for longer than one hour the succeeding class will also be excused. Thus, the Board hopes to get the entire body out to vote and to express their views on this timely topic.

Tech Timetable

- Wednesday—December 16
 - 10:00-12:00—Christmas concert—Auditorium. There will be no classes during this period.
- Friday—December 18
 - 10:00 a.m.—Honor Assembly and referendum.
- Saturday—December 19
 - 9:30 p.m. to December 20—Christmas Dance — Student Union.
- Christmas Vacation
 - December 21, 1942 to January 4, 1943.
- Tuesday—January 5
 - 6:00—Tech News Man a g i n g Board. Technology News Banquet and announcement of staff for coming year.

Musicians perform at Rockford

Seventy tired musicians left Rockford last Thursday after one of the busiest and most enjoyable trips which the Musical clubs have ever taken.

At 12:30 the Glee club and Orchestra presented their concert to the Rotary club of Rockford. The concert was well received. A contributing factor to its success and to the success of those following, was their popular nature, including such hits as "Praise the Lord" and a novelty arrangement of "Der Fueher's Face".

On the basis of their performance, the entire group was invited to entertain the night shift of the Woodward Governor company of Rockford.

In the afternoon the Tech men met the freshmen co-ops who are studying at Rockford college. Following this, the fellows had the pleasure of an afternoon dance with sixty beauties from Rockford college, yeah!

After supper, a short concert was presented in the lobby of the Faust hotel. In view of the presence of a number of Rockford co-eds the Music clubs member's efforts was supreme.

The audience was ready and waiting at the Woodward plant when the men arrived. The concert was

Dean forsees ERC call

Dean Peebles announced last week that, according to present indications, the freshmen and sophomores enrolled in the Army Enlisted Reserve program would be inducted into the Army this February. However, it is probable that many of these youths, after satisfactorily completing their preliminary training, would be permitted to continue their education. They would then be assigned to schools selected by the Army and would be subject to Army regulations under that plan.

No definite information concerning the policies of the Naval Reserve has been received as yet. It is believed, however, that the plans concerning the inducting of these youths will be announced shortly.

Due to the drafting of students, it is expected that the enrollment will be smaller during the coming semester. However, this will not necessitate the dropping of any courses from the curriculum. In general, the class schedule will remain practically the same.

The Institute is awaiting word from the War Department concerning a speed-up engineering course. It has already been decided, however that all classes will be held during the sixteen week summer term.

the best that the group had presented during the day. One of the highlights of the visit to the plant was the tour of the shop. The boys were amazed at the modern planning in evidence throughout the plant.

Rube Goldberg aids fuel study

A laboratory set-up reminiscent of the Rube Goldberg newspaper cartoons has recently been installed in the physics laboratory at the Armour Research Foundation. Dr. Ernest W. Landen, who previously made photographic studies of Diesel combustion and spectral analyses of the combustion flame, is using a variation of the Lyman spark method now nearly a decade old, to study the absorption spectroscopy of the combustion flame. This is believed to be the first time which this method has been used on Diesel engines although it has previously been applied to gasoline engines. The quartz crystal window developed by Dr. Landen makes possible this new application of the Lyman method.

The complete spectrum is obtainable by this method from a single flash in an electrical discharge tube of high intensity. The discharge passes from one electrode to a 1/12 capillary of quartz to another electrode. The capillary is 1-1/4 inches long and is viewed through the fused quartz window.

A condenser 0.035 microfarad capacity is charged with 30,000 volts with a direct current rectifier and is then discharged through the tube. The current surge in the capillary produces the intense source of radiation which has an active temperature of nearly 25,000°C. This source of radiation is suitable for absorption spectroscopy.

Engineer or lawyer? Educational Aptitude tests give answer in jig time

As the first semester draws to a close, some freshmen begin to wonder if they made a wise choice when they decided to enter the profession of engineering. To determine this with any degree of certainty requires long and elaborate tests. Fortunately there is a test called the Strong Vocational Interest test which is particularly valid for engineers.

If a man receives a C on this test it is almost certain that he should avoid entering engineering as a life profession. If he receives an A on the Strong Test and at the same time has high scores on the orientation tests which measure mental ability and quantitative thinking his chances for making a success as an engineer are very good.

Professor Strong developed this test after he noted that successful people in certain professions such as engineering, medicine, law, accounting and the ministry had a pattern of likes and dislikes which differed from people in general. Individuals who had the characteristic pattern of interests of the profession in which they were engaged usually were happy and contented with their work. Those who did not, eventually changed their occupation to one more in keeping with their pattern of interests.

The Strong Test differentiates between 34 different professions. It is so difficult to score that it has to be scored 136 times on an electric scoring machine. This costs the Institute one dollar per test and is offered to the students at cost.

To quote Dr. W. C. Krathwohl, Director of the Educational Testing Department, under whose instruction their tests are taken:

"In the past many students have taken this test. Where it said 'yes' a feeling of confidence was created because the young man felt he was on the right track. Where it said 'no,' the question arose whether he should change to a liberal arts college or remain at the Institute. In the latter case, other information sometimes shows that he should enter an occupation in which he can use his engineering education to advantage such as patent attorney, technical advisor, supervisor, or salesman."

Miss Mary Frost appointed librarian

Mary A. Frost has been appointed as assistant librarian on Illinois Institute of Technology's west side campus, it was announced today by President Henry T. Heald.

Miss Frost, who has been assistant librarian in the public library at LaGrange since 1940, will report to Illinois Tech Dec. 15. She was graduated from Beloit college with a Bachelor of Science degree in 1938. She received her Bachelor of Science in Library Science from the University of Minnesota in 1940.

Miss Frost succeeds Rosemary Stewart who resigned to take the librarianship of Pit and Quarry, monthly trade publication of non-metallic minerals.

Organizations

AICHE

Coach Wagner of the school faculty was the guest speaker at the AICHE meeting held last Friday morning at the south campus. In his enlightening address he described many of the aspects of engineering work that he experienced during three years in the field before assuming his duties at IIT.

Home Economics Club

Meeting in the 6th floor apartment Friday morning December 10th, the Home Economics club initiated the following new members: Constance Arrington, Francis Bell, Harriet Hicks, Hope Iverson, Rosalyn Koznitsky, DoDris Listik, Shirley McMacon, LaVerne Murray, Lorna Steinberg, and Zelda Weiner.

ASCE

Henry Penn addressed a special meeting of the ASCE at 10 o'clock last Friday in 202M. His talk on "Functional Design of Steel Structures" was aided by slides and showed the boys many points that cannot be found in textbooks.

Mr. Penn is advisor for the American Institute of Steel Construction and has a thorough practical and theoretical knowledge of steel structures. At one time he was a professor at Armour and hence was accepted by the Civils as one of them rather than just another speaker.

President Jack Kasman announced the contest being conducted for engineering students by the Lincoln Arc Welding company. Both Mr. Penn and his brother, Professor John C. Penn, commented that this was a golden opportunity.

The annual civil dance is scheduled for January 8, 1943. It is being held at this early date so that the graduating seniors may attend. All civils are expected to attend and to bring their friends.

Alpha Chi Sigma

On Friday December 11th, Alpha Chi Sigma, professional Chemical fraternity, pledged ten new members. The following is a list of the pledges: John Humphreys, Gordon Theurich, George Cherimpes, Frank Grothman, John Schwemberger, Ben Borgerson, John Gregor, Eugene Stevenson, Paul Dalenberg, and Richard Alm.

The pledging period will last until the formal initiation, which is expected to take place soon after the Christmas vacation.

Medical Arts Guild

The Medical Arts Guild was conducted on a tour of the Cook County hospital at 11:00 a.m. Thursday, December 11, and witnessed a first hand autopsy.

Upon arrival at the hospital, an interne was assigned to the group to serve as a guide and a walking answerman. A tour of the wards and laboratories proved very interesting and educational, and the afternoon was climaxed with a lecture given by the coroner after he had performed an autopsy. Different sections of the body were displayed and the diseased organs were featured.

Rho Epsilon

At 5 p.m. yesterday, initiation began for eight men of the Rho Epsilon fraternity. After the initiation ceremonies, the entire fraternity at-

tended a dinner at the Triangle restaurant. Professor Reed who is the faculty and technical advisor, and Mr. Witeman, were among those present.

This addition of new men brings the chapter's total to thirty-four men. The eight new men are: Al Roberts, Frank Novak, Vic Graziano, John Pottenger, Jules Simon, Casmir Roudonis, John Stovar, and Ulysses Backas. The eight new men will be required to construct an antenna, regardless of weather. This feat should prove of interest.

• Oldenburger (continued from page 1)

strongest of them could put into a jump, after losing balance, was 100 foot-pounds. If then the calculations show that the man's jump exceeds this energy, it is conclusive evidence that the jump was made before he lost his balance, and the verdict is suicide.

The New York Life Insurance company had a case last summer that inspired this work. A man weighing 150 pounds, 5 feet 8 inches tall was found on the concrete pavement 30 feet below and 14 feet away from the building. Was it accidental or suicidal? After much deliberation Doctor Oldenburger was called in and in a report which was published in the Journal of Applied Physics, (Volume 13, Number 7 pages 460-469, July 1942) he proved conclusively that it was suicide.

There is an article concerning Doctor Oldenburger's work in the January 1943 issue of the Science Digest.

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Heald gets \$50,000 from IIT alumni for campus development

The alumni association of the Illinois Institute of Technology, which held its first meeting Wednesday night, December 9, in the LaSalle hotel, presented Henry T. Heald, president of the institute, with a founder's roll emblematic of the gift of more than \$50,000 to the institute from the members of the association.

The money was given for use in the campus development at the institute and was contributed by 2,670 members, graduates of the old Armour Institute of Technology and Lewis Institute, as well as recent graduates of the Illinois Institute of Technology.

There were three objectives of the 1942 Alumni Fund: contributions toward a Field House Fund, gifts for a fund to equip the new Carman Memorial Library when it can be built (funds for which are now available); and gifts to the general development program. The greatest number of gifts were undesignated and went to the general fund. This amounted to approximately \$35,797.00. The total toward the Field House Fund now amounts to \$10,-

489.00. This does not include a student association gift of approximately \$10,000. The gifts designated for the Carman Memorial Library total \$3,484.00. In each case the Institute will strictly adhere to the will of the donor so that these monies will be reserved for the purposes designated by the donors.

The alumni have completed the formation of their merged Illinois Tech Alumni Association, which includes the old Armour and Lewis students as well as the new Illinois Tech graduates by electing their first officers.

George Von Gehr, 140 Park avenue, Glencoe, a 1928 graduate of Armour, was elected president. Sidney B. Westby, 482 Parkside avenue, Elmhurst, a 1928 graduate of Lewis Institute, was named vice president and Mrs. Alexander T. Reynolds, 6420 Stewart avenue, a 1941 graduate of the Illinois institute, was elected secretary treasurer. Directors named were Leonard P. Zick, 9728 South Loomis street; Claude A. Kneupfer, 918 Jackson avenue, River Forest, and Jules Brady, 451 Wrightwood avenue.

Honor men hear Circuit judge



Left to right seated at the Interhonorary banquet are: Dean Clarke, Judge Lewe, Bob Rose, P. C. Huntly, John Schommer, J. I. Yellott, and Sonny Weissman.

Illinois Tech's annual Interhonorary banquet was held at 6:30 Wednesday evening, December 9, at the University club. One hundred twenty-five members of all honorary fraternities on both Tech campuses were in attendance.

Bob Rose, president of the Interhonorary council, introduced the guests of honor, who included J. C. Peebles, dean of the Armour College of Engineering; C. L. Clarke, dean of Lewis Institute of Arts and Science; P. C. Huntly, head of the Civil Engineering department; John I. Yellott, head of the Mechanical Engineering department; Sonny Weissman, Student union boss, and John J. Schommer, placement director and what have you. Each of the above men gave a short speech of greeting. Schommer, in addition, produced a short, punchy speech concerning the labor problem in the United States war industries and showed how these industries were cramped because of lack of engineers. He urged that no one enlist till his potentialities as an engineer had been checked by the Placement office.

The principal speaker of the affair was John C. Lewe, judge on the Circuit Court bench of Illinois.

Judge Lewe stated that America is the most crime-riddled "civilized" country in the world. Twelve and a half billion dollars are spent annually by law enforcement agencies. Eighty percent of the crime repeaters or habitual criminals come from blighted areas, of which Chicago has several. In fact, the entire area of the city inside Belmont avenue, the lake, 63rd street and Cicero avenue is considered to be blighted by some crime authorities. In closing Judge Lewe said,

"... in the human plan
Nothing is worth building
Unless it builds the man."

Got a gal? Buy that bid! Jive Jan. 16!

Illinois Tech's last big dancing party in the first half of the school year, the "Techawk War Dance", will be held Saturday, January 16, 1943, in the Terrace Casino of the Morrison Hotel. What with graduation and selective service induction imminent in the near future, this party will be the last opportunity for many students to "get together" for a big festival.

The ornate Terrace Casino is widely known throughout the Middle West for the beauty of its architecture. Musical host at this dance will be "Commander Cunningham and his Midshipmen", a 13 piece aggregation of top-notch instrumentalists. Though known as the "Midshipmen" and dressed in ensigns' uniforms, they are not members of the U. S. Navy. The authorization to wear the official Navy garb was granted them by Commander Stephens, of the U. S. Navy, whose interests in the orchestra is that of sponsor.

Bids will be on sale immediately after the holidays at \$2.75.

Mint calls for coin exchange

"Praise the Lord and pass the pennies". Well, anyway, pass the pennies, because our favorite uncle needs them. If you've tried to get your hands on some copper wire recently, you're probably aware of the fact that there is not too much copper floating around the country. Fact is, there is a drastic shortage of the stuff. One reason is that there are millions of pennies, and other small coins, lying idle in piggy banks, glass jars and the like, in homes all over the nation. As a result of this, the Mint has to use up precious copper each year to replace the coins which are being kept out of circulation. Just to give an idea of how the thing mounts up, last year the Mint used 4600 tons of copper in the production of one-cent pieces alone. That made about 1,500,000,000 pieces. Now a good part of that 4600 tons could have been used directly in the war effort if some of the pennies which are lying around gathering dust had been put back into circulation.

The moral is that we want to avoid using that much copper again for pennies this year. And we can avoid it if we get those hoarded pennies back into circulation. Of course, if you break open your kid brother's piggy bank — purely patriotic motives, of course—you will be expected to turn over to him the war savings stamps you buy with his pennies. (After all, remember the Honor System!) Of course, you can just turn your pennies in for coins of larger denominations, of which there is an ample supply.

This is a serious matter. The Director of the Mint is asking the heads of schools all over the country to get their students and faculty to do everything they can towards getting idle pennies back into circulation. This is an important part of the "War of Production" so let's all pitch in—our pennies.

GE engineer talks to WSE

Doctor Everett S. Lee will speak to the Mechanical Section of the Western Society of Engineers in the auditorium of the Engineers building, 205 W. Wacker drive, tonight, December 15, at 7:00 p.m.

Doctor Lee, who is an engineer in the General Engineering laboratory of the General Electric company, will speak on "Mechanical Engineering Applications of Electrical Measuring Methods". All students are invited to attend, particularly mechanical and electrical engineers.

• Peebles

(continued from page 1)

are still open to those under 18. Army Air Corps' ground school still offers opportunities for aspiring meteorologists. They are drafted in the first three years of college. IIT students will rise rapidly in the ranks.

Sophomores, the dean continued, at present stand an excellent chance of deferment. Meteorology, mentioned above in connection with freshman prospects, is also open to second- and third-year men.

Many juniors, Dean Peebles stated, possess 2A deferments. These deferments are renewable, and the dean believes that the majority of the junior class will graduate.

Seniors are very unlikely to have premature calls to duty. The major problem confronting seniors not yet enrolled in the armed services is that of choosing between actual war service and effort in industry's trenches.

The latter alternative, while not one of glamour, was recommended by the dean as a service of incalculable value. "The scarcity of engineers in industry," he said, frankly paraphrasing an oft-repeated remark of Professor John Schommer's, "is a bottleneck which must be broken. You can't fight without the materials of war."

Seniors may still, however, obtain appointments to commissions as ensigns in the Navy or as second lieutenants in the Marine Corps. These commissions will be given upon graduation provided satisfactory application has been made. However, he condemned the policy of enlisting in the armed forces before consulting with Professor Schommer, director of placement, on the needs of war industries and the opportunities they offer.

"What will happen to the Institute in the near future?" Dean Peebles stated, "IIT will not close its doors as a result of the war. An educational institution has more lives than the proverbial cat." Will the school be taken over by the armed forces, as in the last war? The dean's reply was an emphatic "No". He explained that, in his opinion, IIT is too precious a training field for engineers to be forced to this extreme.

Next summer will, in all probability, see all students hard at work, sandwiching an additional semester between the normal ones. The dean alluded to the possibility of 1000 uniformed men on the campus. He predicted that all V-1 Navy enlistees will be uniformed, as well as many Armed Enlisted Reserve Corps students Tuition for these men, he felt, would be paid by the armed forces.

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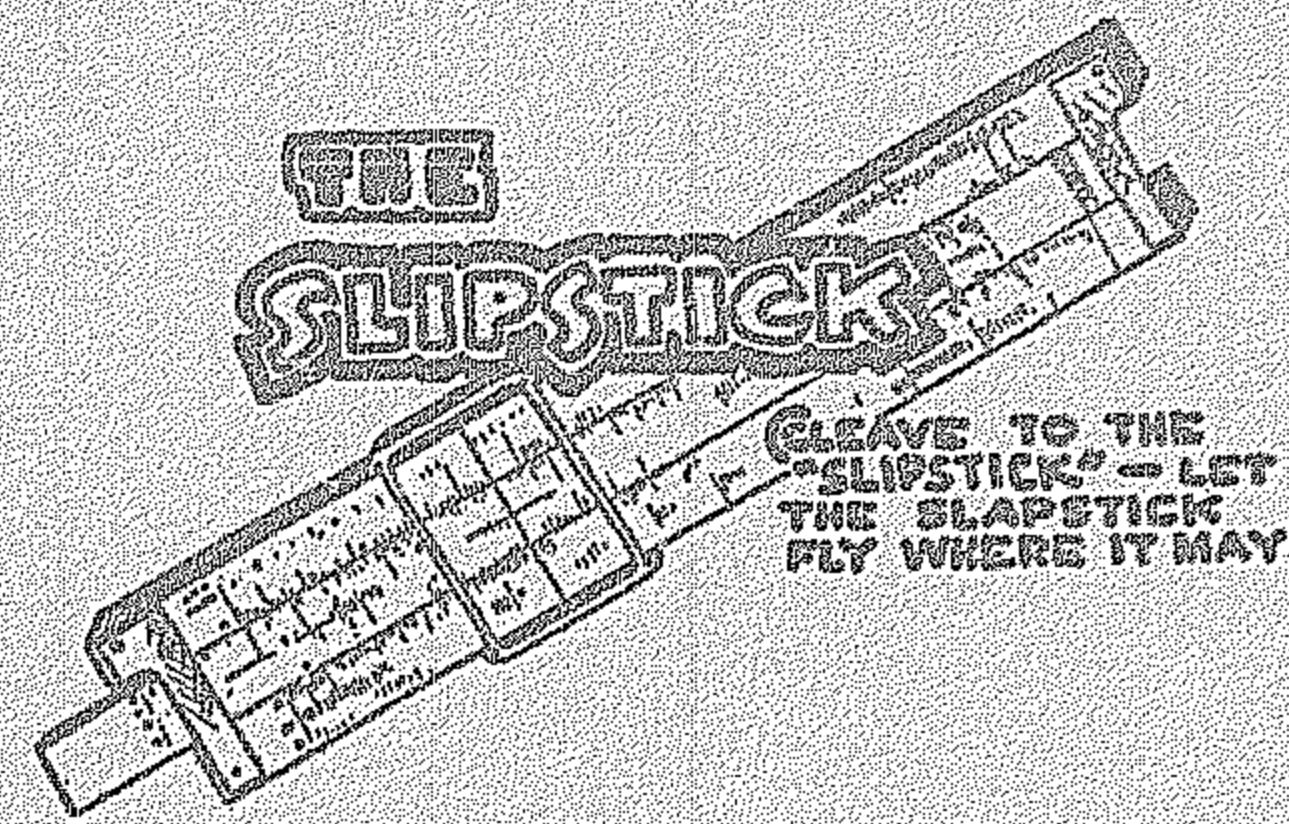
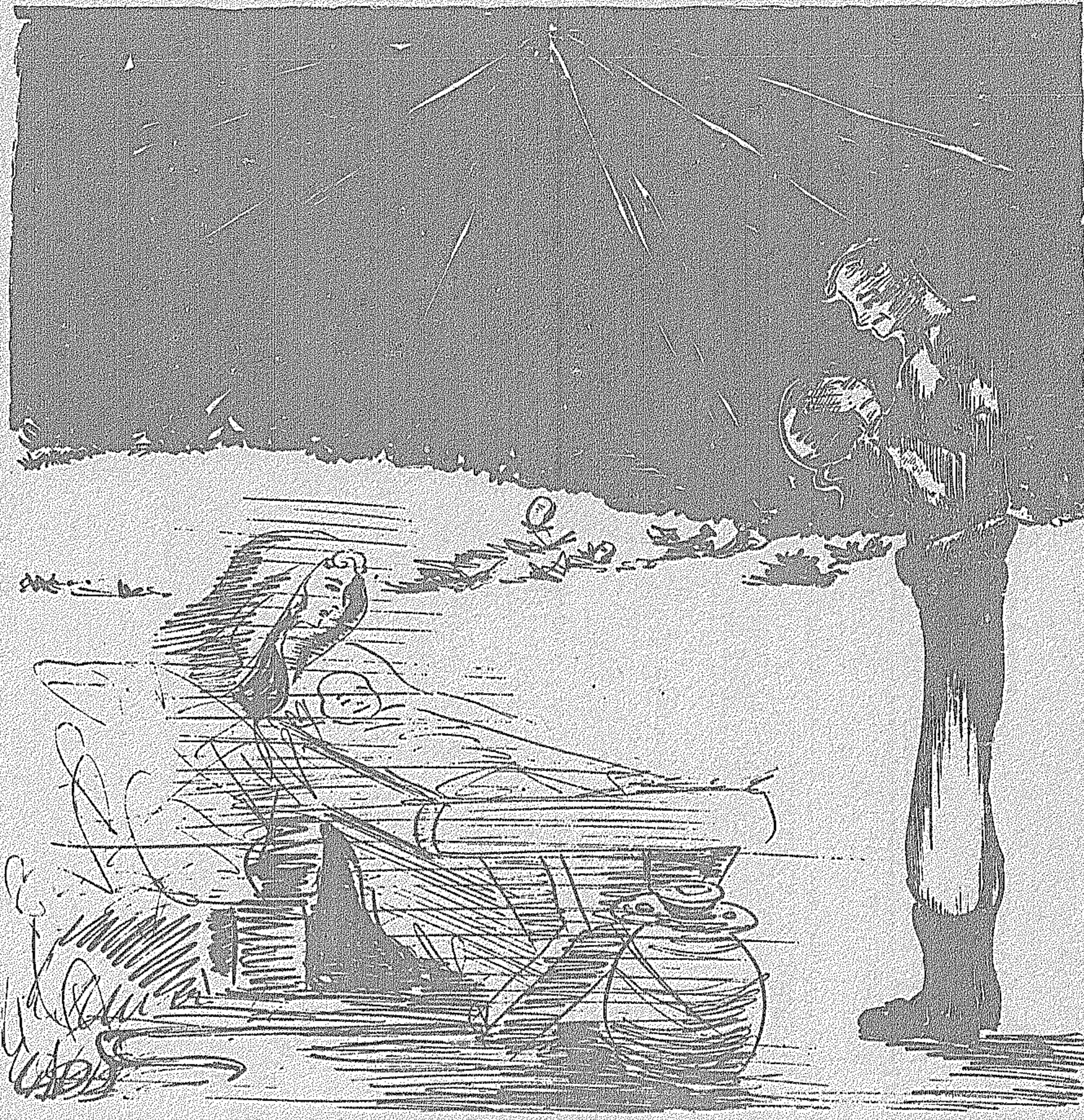
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CEASE FIRING!!



Jingle, Jingle, Jimminy jitterbugs do you jayhawkers know there's only a few days left till that jovial day of jubilant joy, yes indeed! And to start things off for the Christmas season remember the Christmas dance this Saturday 8:30 p.m. This issue brings the year of 1942 to a close.

So
here's
wishing
happiness
and every joy
for a very merry
Christmas to each
of you.

* * *

Girls: Creatures who are fond of pretty clothes, but are not necessarily wrapped up in them.

* * *

Bids 75c

Kindly Old Gent: "Are you lost, little boy?"
Tough Kid: "No! I'm making a geographical survey."

* * *

Ernie Nordeen and Orchestra

Paul Revere (shouting at window): "Husband at home?"

Lady: "Yes."

P. R.: "Tell him the British are coming."

(Shouting at another window)

"Husband at home?"

Lady: "No."

P. R.: "To hell with the British."

* * *

Bring your own Christmas Belle.

Sergeant (sweetly addressing his men at the end of an exhaustive hour of drill): "When I was a little child, I had a set of wooden soldiers. There was a poor little boy in the neighborhood and after I had been to Sunday school one day listening to a stirring talk on the beauties of charity, I gave them to him. Then I wanted them back and cried, but mother said: 'Don't cry, Bertie; some day you'll get your wooden soldiers back.'

"And believe me, you lopsided, mutton headed, goofus brained set of certified rolling pins, that day has come."

* * *

Sat., Dec. 19—8:30 p.m.—Dec. 20th

When a fellow breaks a date he usually has to.
When a girl breaks a date she usually has two.

* * *

Movies, dancing, and christmas trees etc. in the lounge.

Birthdays Gift

Uncle: "I'm sorry you are not enthusiastic about your gift, especially as you had your choice between a large check and a small one."

Nephew: "Yes, uncle, but I didn't think you were talking about neckties."

* * *

Mother: "Marge, John brought you home very late last night."

Marge: "Yes, it was late, Mother. Did the noise disturb you?"

Mother: "No, dear, it wasn't the noise. It was the silence."

* * *

"And so to bring this year of 1942 to a close, I'll wish each and every one of you the merriest Christmas you've ever had and special wishes for a prosperous and most enjoyable New Year."

Peter Arthur Minwagen.

Christmas—

And it came to pass in those days, that there went out a decree from Caesar Augustus, that all the world should be taxed. (And this taxing was first made when Cyrenius was governor of Syria.) And all went to be taxed, every one into his own city. And Joseph also went up from Galilee, out of the city of Nazareth, into Judea, unto the city of David, which is called Bethlehem, (because he was of the house and lineage of David) to be taxed with Mary his espoused wife, being great with child.

And so it was, that, while they were there, the days were accomplished that she should be delivered. And she brought forth her first-born son, and wrapped him in swaddling clothes, and laid him in a manger; because there was no room for them in the inn. And there were in the same country shepherds abiding in the field, keeping watch over their flock by night.

And, lo, the angel of the Lord came upon them, and the glory of the Lord shone round about them; and they were sore afraid. And the angel said unto them, Fear not: for, behold, I bring you good tidings of great joy, which shall be to all people. For unto you is born this day in the city of David a Saviour, which is Christ the Lord. And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger.

And suddenly there was with the angel a multitude of the heavenly host praising God, and saying, Glory to God in the highest, and on earth peace to men of good will. And it came to pass, as the angels were gone away from them into heaven, the shepherds said one to another, Let us now go even unto Bethlehem, and see this thing which is come to pass, which the Lord hath made known unto us.

And they came with haste, and found Mary and Joseph, and the babe lying in a manger. And when they had seen it, they made known abroad the saying which was told them concerning this child. And all they that heard it wondered at those things which were told them by the shepherds. But Mary kept all these things, and pondered them in her heart. (Luke 2: 1-19.)

Even in the time of war and constant wrangling and strife, the world will stop to observe the birthday of the Prince of Peace. Christmas has not ceased to mean the birth of the Christ despite the growth of commercialism centering around this period.

The above sentences are very positive statements. Christians and other men of good faith throughout the world still find comfort and courage in this fact. Very often in modern times, the celebration of Christmas has become mediocre. People are too busy shopping and feasting to think of the basic reason for their seasonal happiness.

BLITZKRIEG!!

Well, another week has passed—time to write "Blitz" again—Christmas just around the corner—New Year hugging its heels—Final exams sure to come bigger and worse than before—and me a perfectly genuine wreck,—just look. Can you bear it? Don't answer! So, anyway, let's get down to business.

To begin with, there are bells—Christmas Bells, church bells, school bells, dinner bells, wedding bells and lastly pretty bells. It is the last two bells that JOHNNIE MOYER is going to combine soon. He already has his "pretty belle" to whom he's just become engaged, but as far as wedding bells are concerned—well, the draft board's going to decide.

There will also be the familiar sound of wedding bells for Alda Karis and Bill Massman on December. Nice going kiddies that's the way we like to see the merger effect students.

Talking about Christmas bells makes us remember WARREN ANDERSON. Did you know that he's been playing Santa Claus for the kiddies in his church? WARREN promises to remember all the Lewis lads and lassies with appropriate toys for the nominal sum of a short beer. Cheap enough, eh what?

The following is directed to OLGA MARKOFF and REVA MILLER: Dear Kids: Please don't worry about your Physiology exam because it was a sting(?)er for the others too. It is our genuine desire to put a match to 'em and watch 'em go up in flame. Anything rather than get the results.

Other members of the Chemistry class are wondering how MEYER and JOHNSON rate special tutoring from their instructor during class.

AL SIMMONS is really a swell guy, we like him a lot, and like to see him happy, but AL, please, old boy, a little less volume in your laugh. It hurts our tympanie membranes and disturbs our kibitzing.

Something to thrill our hearts: the looks that silently pass between CORINNE LENSE and ERNIE HARRISON. It must be swell to be in love and get an Honor "I" from the one and only.

It seems to us that GLORIA KLOUZER has been exhibiting more than just a natural interest in her class at Armour on Tuesday nights. First we thought it might be the ride

in the station wagon, but then, finally eliminated that. Dear, dear, GLORIA, tell us who he is.

Ignatz Travitch, you're stepping on thin ice, we warn you. What's the idea of trying to impress JUDY EISENSTEIN, with yourself? You know that the other suitors might object and that'd only lead to bloodshed. (Why not save it for the Blood Donors Unit on January 14 and 15; —You're sure to win her approval then.)

Why was SID SHERR getting green around the gills last week when the MAGGIES (Medical Arts Guild) were at the Morgue? How come, boy, can't you take it?

Advice to the lovelorn: GRACE TAGLIERI has received an invite for a date. Go with him GRACIE, he's strictly O.K.

JACKIE and LOUISE CADWELL are anticipating going to Northwestern next semester. Don't leave, twins, we want you here.

BOB EBNER, we understand that you took a test down in the cafeteria the other day. Frankly, BOB, we're more than just a little surprised at the numbers you used. Oh, EBNER.

"DICTATOR" FINKLESTEIN requires an "allah" for anything checked out from the Chem storeroom. Note HY: no priority card is needed to obtain steaks for fat eyes.

Talk about "luck o' the Irish" ED FARRELL has plenty of it. What with seeing the gals off on various street cars and "L's" the other night he got so entranced he lost his "memory". But thanks to advertising ED will get his "memory" back.

Latest flashes from the library tell me that the termites have done it again. They got at one of those new chairs and ate it right out from under BOB WALLACE. Very inconsiderate of them I should say.

How does DR. BODER rate those large malted milks he's been getting of late. What with two full glasses plus, when we are doing good to get one glass plus. Could be the gal that makes them has a crush on him.

Until after New Years then, we end with reminding you to register for the Blood Donations. Registration, this week in the second floor lobby.

Happy Holiday and to all a good night!!!

Your 7th Columnist.

Co-op Capers

by Lou Wengel

As yet the military status of Illinois Tech is undetermined but as soon as any information is available an assembly will be called by the Co-op Office and any changes affecting the Co-ops will then be announced. Until then the advice is to sit tight and not accept the rumors that persist in floating about the campus.

The Co-op Office gives notice that all cooperative students will have a two week Christmas vacation from December 21 to January 4.

Late election returns have finally determined the B group representatives to the I.T.S.A. Board and also the Student Union Board. The new representatives are now Lou Wengel, 3B, for the I.T.S.A. Board and Fred Sternberg, 4B, for the Student Union Board. Any complaints or suggestions should be forwarded to the proper man for quick action.

Professor Martin's diagram of a welding generator had the 4B's wondering whether the prof was a doodler of the originator of Rube Goldberg.

In the recent series of the 3B bowling league, Evert Wern easily won the high game money with a solid 220. The high team series prize was captured by "Mac" McLaughlin's team with a total of 943 pins. Still holding first place is Lou Wengel's team having won six games and lost none. Further interest in bowling is shown by the seniors who have challenged the 3B's to a match duel for interesting stakes.

To enliven the Christmas spirit and also strengthen the bond of friendship, the sophs are planning a class party. Dick Keyes, chairman, John Costello, and Ken Sanders as a committee of three promise a good time for their classmates.

A recent source of grief for most senior Co-ops is the limitations placed upon securing interviews with prospective employers. At the present, a release is required from the cooperating company and a good reason must be given before such a release can be obtained. It is true that the cooperating company should be shown preference but then the prospective graduates should be free to seek the most lucrative positions offered just as other graduates have done in the past.

In Professor Wade's opinion, "Strength of Materials", Mech. 311, is a kindergarten course. At that rate the 3B's have been attending kindergarten for only fifteen years.

Amongst the 4B's vibrating in the ethereality are Del Zeighler, whose current heart throb still has Del in a dither, Bob Davison, and Clyde Fuchssteiner, who have been dressing up for certain EDT beauties.

Membership in the ASME is now open to all Co-ops and applications will be accepted until December 18. A representative in each class will be appointed by John Briggs, 4B, and students interested in joining should see their class agents. This organization is the leading national society for mechanical engineers and the \$3.00 initiation fee includes membership, subscription to the "Mechanical Engineering" magazine during the school year, and the organization's identification badge in the form of a pin or a charm.

Behind The Curtains

By Anon

Illinois Tech, in the near future, will be the only school in the United States for the training of men for the Internal Security division of the Provost Marshal General. In short, plant protection. This is quite a thing for the school. John Yellott and assistant Weissman are the hard workers on this project.

When the News bureau was taking pictures of women in war work, they asked one lady if she was married? She replied, "Not now."

We had a prediction in this column last week as to Military German. Well, it's here. The basic idea of the program is to teach a technique in interviewing prisoners. The plan is to teach Army officers and men with one year of German. Maybe you can get an idea of what is coming from this.

Illinois Tech is going to have the Red Cross mobile unit at school sometime in January. They will be here three days and they need 500 men. Ray Smith is in charge along with the rest of the War council.

Recently the mobile unit wanted to go to Loyola. Loyola had to call off the engagement because the school was demoralized because of recent enlistment announcements. We will tell the Red Cross here and now, "come hell or high water" the IIT men will be here with their blood.

Our boy Schommer gave the "belly brass" men a piece of his mind at the recent Inter-honorary banquet. The test was: seniors get into industry.

We will predict here how the senior class will go:

Mechs	50% to industry
Chems	90% to industry
Firemen	10% to industry
Civs	65% to industry
Elects	70% to industry

The seniors will get a questionnaire trying to check where they are going and a few other things.

At last the yearbook is on the press, except for a few sports pages. Therefore the Integral will appear the third week in January. Schulz, Lambin, Kriesberg, Kenny, Keigher, Pilat, Ryan, Smith, and Bartusek deserve special commendation for the tremendous job they did. The book came out in one-half a semester as compared with three for the last book.

You may have noticed the different telephone slugs for the telephones around the school. They are a lead-zinc alloy. The slug company called in all the brass slugs for the war effort.

The boys who bring their lunch are going to have to eat it in the balcony of the Student Union. This is to relieve some of the stress in the lunch room. Milk will be sold up in the balcony, too.

The co-ops are complaining about the music in the auditorium. They have a some-what

legitimate gripe. The co-ops sort of have a monopoly on this study place. And the music does interrupt study.

Miss Lippert says that there has been more noise in the lunch-room since the installation of the music. We still maintain that the choice of music is the reason. Ask the Industrial relations department of General Motors, or the A. O. Smith company, or Toffenetti of Triangle restaurants as to the choice of music.

The ITSA is still kicking around the Tech News situation. Is the board controlled by Mr. Heald? The President presented the complaint to the board. If they make a wrong decision, President Heald has the power to use other methods. It still is a student board, or is it?

Remember the Junior dance in January and the immediate Soph dance this Friday. It will be swell.

Every one is invited to the Honor System assembly next Friday. Everybody means the faculty, administration, and students. The fellows should feel no fear of talking in front of the profs. They really are human.

Well gang, Merry Christmas and Happy New Year to you. Appreciate this one boys because no telling where you will enjoy a similar one. It may be Trinidad or Bataan, and here is hoping that it is in Berlin or Tokio next year.

For the seniors comes a tremendous social schedule for January and the first week of February. Included is graduation, the Junior dance, Glee club concert, stags galore, Senior closed dance, fraternity going-away parties, and dozens of small personal parties. Don't forget to add New Year's eve. Remember you have a diploma fee to pay as well as a cap and gown fee. Remember the Christmas bills, too. So seniors, watch your pocket book or you will miss some enjoyment that you wanted to have.

The dean sent a letter to the President of the senior class thanking the class for what they have done for the school.

Well, again we are back on the same stuff. There will be dozens of jobs that need being done around the school after January and that means that plenty of men will be needed to fill them.

The feature editor over the holidays will write a story of the senior class and the men in it. It will cover the two pages of feature in a future issue.

The Honor editions of the yearbook as well as the Queen of the Integral will be announced some time during January. These Honor editions will be the reverse of the standard covers and will have the names of the men on the front.

So long until next issue and Happy Holidays.

Steam Shovel

Latest association to be organized on the South Campus is the ABCDEFGHI. To the uninitiated this is the American Boys' Club for the Defense of Errol Flynn's Good and Honorable Intentions. This group is recruiting members from amongst the Techawks to lend the lad some moral support . . .

Phil Schubkegel takes the bashful way of displaying his affection for one of the local women, whenever he encounters this rather forward lass. Many people might make an open display of their feelings, but Phil takes the unusual method of becoming flustered, flushed, and muttering a feeble protest to her advances. He covers up his feelings by professing an ardent hatred for the girl. However students of psychology know better . . .

Jimmy Johnson, the local efficiency expert, has been scouring the city for a wife during the past week. Seems that Jimmy has a chance for a \$300 per week job with the Navy. All he needs is a wife. He first thought of librarian Pat Johnson, since he would inconvenience her the last, inasmuch as she wouldn't even have to change her name. Jimmy lost no time in proposing. However Miss Johnson gave a polite but firm refusal . . . After this rebuff, James J. took up with one Helen Olsen whom he met on the streetcar. Jimmy's girl in Kansas City blew him off, according to the mighty mite . . .

The Senior Civils, led by Mario Silla, paid tribute to Ray Sauer, master bridge builder. In homage to the great one's genius, the boys endeavored in their humble way to emulate the blonde one. Ray has a penchant for flouting his belly brass (frat keys) on his breast. So the boys all came to class with their chests decorated with a piece of string from which hung egg-beaters, knives, and other trinkets. Needless to say, Sauer was deeply touched by this tribute.

Sophomores slated to give out rings over the Christmas Holidays are Jack LeVentis, Phil Richman, and Jim Gibbons.

During the recent Glee Club trip to Rockford, Bruce Worchester succeeded in losing himself after the concert was all over. The Gestapo reports that Bruce met a svelte blonde and spent the remainder of the evening touring the night clubs, etc. The Fireman wandered into Chicago at Five A.M. He missed three classes, and slept through the rest.

The Senior Mechs threw one of their epic stags last Friday night . . . As this is being written, pertinent data is not available . . .

A little tale has come from the Art Institute concerning the doings of that wondrous architect, Wendell Goldwyn Chistensen. It seems that in one of their lighter moments, the architects formed a pool, wagering on the number of nails contained in a small keg. The two organizers of the pool duly counted out the number of nails and recorded the amount on a slip of paper to be kept secret from all the participants. However Wendell Goldwyn engaged in a little conniving and managed to find out how many nails were in the keg. Fifty percent of the pool was to go to the closest guessers, 25% to the runner-up, and the remaining 25% to charity. (In this case the organizers.) After all bets had been laid, Wendell shouted the proper number to the house-tops. However, since he has a reputation as a prolific bull-shooter, no one paid any attention. Whereupon, the architect proceeded to insist upon backing up his guess with \$30 cold cash. Out of the goodness of their hearts, his fellows stopped him, kindly explaining that there was only \$0.70 in the pot and that even if he did win, he would only collect \$15.30. The transaction would cost him exactly \$14.70. Some boys, these architects.

We close this week with a contribution from Arny Rosner, who gave us this definition of a pink elephant; a beast of bourbon. So long, see you next week.

ARX NEWS

Ahoy, gents! This week we'll hop the Cupidville express and tour the land of "Love Me Always". Hold your hats, we're off . . .

Mother Artie Bastian is having trouble keeping its little chick, "Marshymellow" Rissman, under wing. It seems our broad-beamed friend, who has learned his love from books, is slowly discovering it doesn't quite pan out in real life . . . Continuing our trip through Cupidland, we come upon Jaque Brownson sitting under a mistletoe tree with little Leona J. Seems he's whispering the traditional sweet nothings in her ear.

Three reliable individuals: Binkley, Bluestein, and "Limey" Hyams, have dropped hints concerning an accidental run-in with "Box-cars" Christensen when he was in the process of being pursued from a honky-tonk by three of his feminine admirers, or is that the way the story goes? Anyway, our advise is: watch out, "Chubbins".

That wolf of the yearling class, Card Hutch-

ins, recently augmented his romantic resources by the purchase of one (1) shirt, as loud as Don Schiller, the resonant drum-head of the lower school.

(ADVT.) Is your heart broken or slightly bent? Do you feel run down after being hit by a truck? Are you the proud possessor of a lonely heart? See Al "Shatterbottom" Glassgen. Al has toted filing case up to that drafty garret, the soph room, and claims to provide pulchritude for prince and pauper, provided the paupers have plenty of pennies.

A little more now on the serious side of love and its quirks. If any unfortunate arx have been troubled with feminine problems, don't hesitate to unravel them troubles to W. W. (Wolf Wolf) McMaster, who not only has a fine philosophy about love, but practices it.

See you more later than sooner. And a Merry Christmas.

A PROPOS

The Gael

Techawks, Jack Byrne break Forest jinx, 56-36

Forward leads with 22 points

In defeating Lake Forest a week ago tonight the Techawks ended a five year jinx. Coach Ed Wagner played on the last team to beat them and since that time we had lost ten consecutive games to the Foresters.

The cagers dropped a heart-breaking opening game to North Central, losing by a score of 36 to 31. By combining their football ability with Wedsworth, a flashy, high scoring forward, the North Central gang managed to eke out the very slim victory. Wedsworth was high point man with a total of seventeen points.

That slow freight through Arkansas, Ray Lagodney, without increasing his tempo was high scorer for the Techawks. Indulging in his favorite pot-shot, Ray scored twelve points. Co-captain "Jackson" Byrne was close behind him with seven points.

Tech features slow break

The starting team of Byrne, Futterer, Franks, Lagodney and Kilgariff wasted no time in putting IIT in the lead. However the Foresters led by Reed at guard and Williams at forward cut down our advantage and matched us basket for basket. The Techawks using a slow break most of the time befuddled their opponents and Byrne and Kilgariff, taking the step-ins kept ringing the bell. "Goose" Lagodney and Gordie Fliescher alternating at center did yeoman's service in retrieving the ball off the backboards and in tipping in rebounds. Bill Smart, scoring ace, troubled with a weak ankle, was not his usual self. But during his short stay in the game he added five points to his growing total.

Byrne gets hot

It was in the second half that the Techawks poured on the heat. Led by Jack Byrne, the team put the game on ice. Jackson, enjoying one of his hot nights, ran up twenty-two points, which is plenty good enough to lead the field in any league. The final score was 56-36.

In a return practice game played last Friday night the cagers were nosed out by a group of medicos from the University Dental School. Deprived of the efforts of Jack Byrne who was removed early in the game due to a little misunderstanding, they came out on the short end of a 30-28 score.

While the men played a good defensive game, they could not put over their scoring punch. Both Futterer and Puchalski played bang up ball at the guards. The two centers, LaGodney and Fleischer, alternating at that spot, were mainstays on offense as well as defense, scoring most of the team's points.

I.I.T.			NORTH CENTRAL		
G	FT	P	G	FT	P
Smart	2	0	3	8	1
Franks	0	1	1	3	2
Lagodney	4	1	1	1	4
Fleischer	1	0	1	0	2
Byrne	3	1	1	0	2
Futterer	0	0	1	4	2
Puchalski	1	0	1	0	1
Peterson	0	1	1	0	1

I.I.T.			LAKE FOREST		
G	FT	P	G	FT	P
Kilgariff	6	0	2	5	2
Franks	0	1	0	3	0
Kidd	0	1	0	1	4
Lagodney	3	0	0	2	2
Fleischer	2	0	1	1	2
Byrne	8	6	1	0	0
Futterer	0	0	0	3	1
Dambrose	1	0	0	0	0

LEWIS ALL-STAR TEAM

Following the close of the Lewis touchball tourney, the captains of the various teams met to choose the men whose play they considered to be outstanding during the season. The Senior Electricals, who won the tournament, were declared ineligible as they are representatives of the south campus. The first two teams and those receiving honorable mention are:

FIRST TEAM		SECOND TEAM	
Dick Farmer	Reserves	Bob Ebner	Reserves
Wally Collett	Raiders	Bob Johnson	Raiders
Ed Burke	Raiders	Howie Cummings	Raiders
Paul Brockman	Reserves	Hank Pachowicz	Reserves
John Moyer	Reserves	Art Bever	Blitzers
Jack Fuqua	Raiders	Al Crane	Blitzers

HONORABLE MENTION

Marcus McAuliffe	Reserves
Joe Bagger	Blitzers
Bob McCarthy	Blitzers

Puck prodders push practice; Pardhun provides parlor

by "Lars" Larson

When the thermometer almost cracks from all the mercury trying to get into that one little bulb at the bottom and you nearly bust open a red flannel trying to get to Chapin before you are converted into a moving imitation of absolute zero, just remember that polar bears and the hockey squad are getting a break.

But tossing the polar bears aside for awhile, the hockey team is really getting a well deserved break after several years of placid acceptance of the "get thee hence" order whenever practice was involved, by the installation of a rink where the tennis courts once served as a refuse pile for the neighbors.

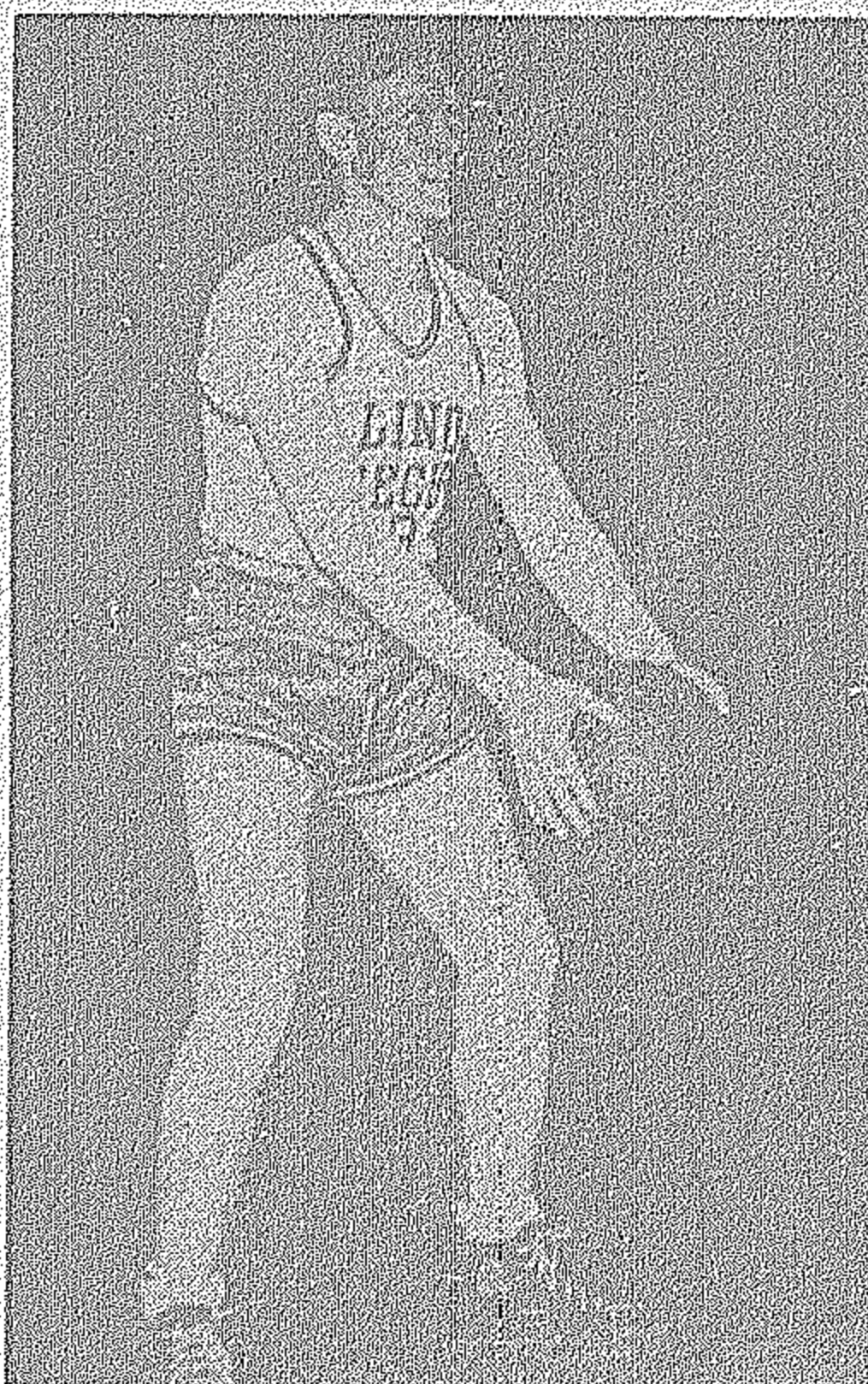
Its A money turns trick

This year, however, backed by eighty dollars raised through Hockey Hops and such, and a little over twice as much voted them by the ITSA board, they have been able to convert the tennis courts into their badly needed rink. A great deal of credit for the carrying out of this venture should go to Mr. Parduhn and the maintenance department as they have diligently worked on its construction for the past two weeks.

From latest reports the work has been completed, and all that remains before the board are taken from the field house and erected in place, is the arrival of a shipment of nuts and bolts to fasten them to the screen. Its completion will not only mark the beginning of better hockey teams, but it will provide a place for students to skate during free periods.

Burkhardt does managerial works

A great deal of time and energy has also been put in by Dick Metcalf, Bob Burkhardt, and Bill Watson and Bill Parks. Bill designed most of the work on the rink after Parks had surveyed the grounds. Watson has been arranging with Rho Epsilon for a loud speaking installation so that he and co-captain Metcalf can direct the practice sessions with more facilities. It has been Bob's job as manager to generally rush



Co-captain Jack Byrne after spark-plugging the cagers to 56-36 victory over Lake Forest.

around and pick up all the loose ends and to arrange for a large part of the work. Bob also has written to over one hundred and fifty schools in the midwest for tentative games, and to suggest that teams be organized if none then existed.

Although the lads are all in fairly good shape because a large majority of them have been working out with the current teams their only practice has been individual skating at the Arena. Though interesting, it is not the type of practice that makes for an efficient and aggressive unit, so actual combat was scheduled for last Sunday against a team composed of Northwestern students providing good hockey weather prevailed. A successful execution of plays learned primarily under the tutelage of Coach Hal Davey last season were stressed in this encounter.

The lads had planned a trip east during the holidays including Buffalo and Cleveland. Gas and tire rationing stepped in to give this plan an emphatic no. Present plans have it the eastern tour will take in Gary, Hammond and South Chicago.

LOST AT LEWIS

One pair of rimless glasses, Thursday, December 3, between 2 and 3 p.m. in third or four floor womens' rest room. Reward if returned to Mrs. Shields, War Training Office for Men.

CAPTAINS CORNER

by Jim Schoke

About this time of the year we turn our sport minds to thoughts of the basketball campaign. With a new coach directing the squad we look forward to a most successful season. To substantiate this the team has won two out of its four games so far. Since basketball is in the limelight it is only fitting that we introduce you to the co-captains of the squad.

I'd like you to meet Wally Futterer one of the co-captains of the team. Rather mild mannered in everyday life, but quite different when you put him into basketball togs. He's been on the team for four years, and of the varsity calibre all the way. His steady play has always been a big factor in the Techawks' victories.

Mr. Futterer is a 5B coop and will leave IIT in February. Right now he is a production engineer at the Liquid Carbonic plant and will probably continue there in a full time capacity immediately after graduation.

Wally believes that a captain should be a good all-around-fellow and should keep the fellows steady on the floor during a game. He says that there is a preponderance of material this year and the result is that IIT has a really good team.

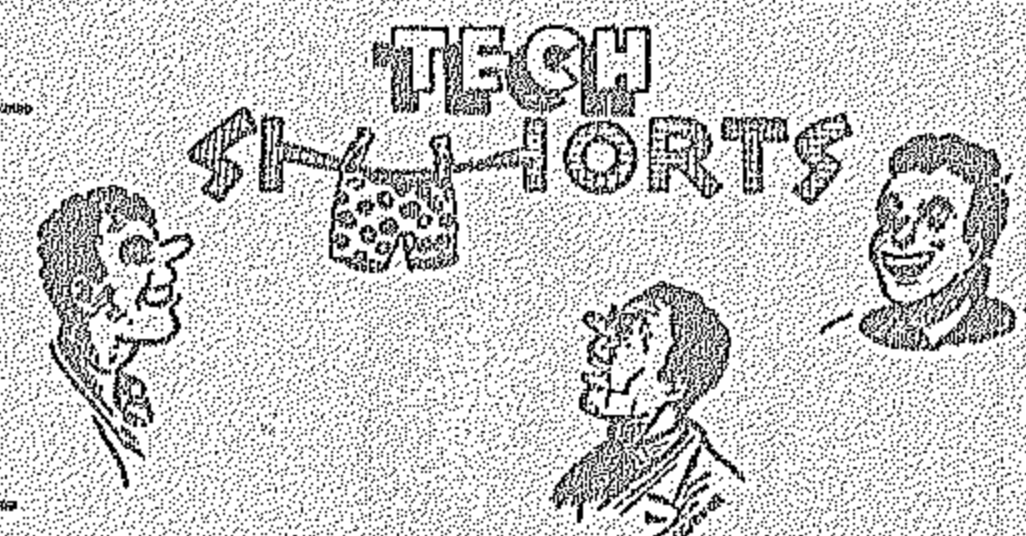
This sterling fellow is not just a

work horse, however, he also believes in relaxation and this is the way he spends his leisure time. Wally likes to dance to the smooth stuff, nice and relaxing. He is a member of Phi Kappa Phi and is active in their social activities. He was also elected to Honor I.

Co-captain with Futterer is Jack Byrne the little fellow who does big things on the basketball floor. Jack is a Senior Mech with fond hopes of graduating in June. He then will be assigned to Midshipman Training School for schooling as an Ensign in the Navy. He is now playing his third year on the basketball team and has always been a spark plug on the floor. He specializes in left hooks and, man, he really "sinks em." Jack is also very active in intramurals with the Mech teams.

Byrne played basketball at St. George High School in Evanston before coming to IIT. To supplement his basketball abilities he has played some fine basketball for IIT in the last two years. He backs up Futterer when he says, "The most important job of the captain is to keep the team steady on the floor." As president of Honor I he is active in all social and political events around school.

With two such leaders as Wally Futterer and Jack Byrne we see why the boys are in there fighting all the way.



In a recent game between our cagers and Illinois Dental School tempers flared when Jackie Byrne collided with forward Batina of the I.D.S. squad. Further happenings were squelched when Sonny Weissman intervened to stop the squabble, but the damage was done as Jack was banished from the game.

At a recent meeting, Honor I announced the tardy pledging of Adam Jemsek, 5th year coop and captain of the golf team. He was not able to perform the duties of a pledge during the regular pledge period because of an absence from the city. As a penalty he must secure twice as many signatures on his paddle as were required of the other pledges. He can be identified by the man-mountain golf bag he sports daily, and his quizzical expression as to tries to decide whether that fellow with the major letter is one of his potential "friends?"

The way the golf tournament roared into action last fall certainly didn't indicate the rapid disintegration of interest resulting when the field dwindled to eight men. The lads were paired off according to their scores, and told to go to it at their leisure, the winner of each match to receive a medal. That they did go at it at their own leisure is attested by the returns even at this late date. Junior Chem Don McMillan, was one upon Claude Anderson, Junior mech, as he carded an

86 for his 18 hole duel in one of the playoffs. Harry Gillespie, another junior, then bested the only freshman, Harry Baness, to tackle medal play.

That handsome man-of-all-sports Tom Kilgariff is currently sporting the latest in facial attire. Those lovely scratches weren't inflicted by an irate female or an outraged charge of Clyde Beatty, but by those mean boys from Lewis. He claims it helps scare his basketball opponents, so it's not all in vain.

To ex-sports ed Bob Bechtolt we bow in homage. We didn't believe it could be done, but "Bubbles" is not a fitting name for the new, sleek, streamlined Bechtolt. For all those who didn't believe in miracles, we point with pride to our beloved "Bubb-less", and weep. Twenty-three pounds have been shed already by the hollow-cheeked lad so that Naval requirements can be met.

NOTICE!

Referees are badly needed to handle the intramural basketball games which started this week. Games will be played from 12-2 daily and from 3-5 on Tuesdays and Thursdays. Any men who have these hours open and who would like to referee games should see either Ken Jacobs, Pete Zemaitis, R. Johnson or any member of the Tech sports staff.

Tech Relays on at request of Big 10 - Schommer

Techawk tusslers toppled by Wheaton college titans

Little 19 champs stop IIT lads, 18-16

Wheaton college's grapplers played host to our wrestling team last Wednesday evening. Scene of the meet was Wheaton's beautiful new field house. Wheaton wrestling fans turned out in large numbers to witness this closely contested meet that they won, 18 to 16.

Illinois Tech's squad showed in this, their first meet, promise of being one of the strongest teams in Tech's history of wrestling. In previous years, Wheaton, traditionally the strongest team in these parts, had beaten Illinois Tech by large scores. This year it was a different story and the result was not known until the last match was over. Had Hurvitz pinned his man instead of winning on a decision, the meet would have ended in a tie and a moral victory for the Techman.

Wheaton took an early five point lead when Brooks pinned Bill Dunlap in 6:25 but Illinois Tech came back and tied the score in the second match. In the 128 pound class a newcomer, Frank Vessels, pinned his man in three minutes. This was Frank's first competitive match.

Jackie Eulitt continued his fine wrestling as he pinned his man in six minutes of tough tussling. This made the score 10 to 5 in Tech's favor. Captain Ed Ozimek then dropped the 145 pound match to Saunders in a close decision. Ernie Harrison, wrestling ten pounds under his weight, also lost; this time by a fall in six and one-half minutes.

Claude Anderson, another newcomer to the squad, met with a little too much experience and he found his shoulders against the mat in slightly less than four minutes. The score then stood at 18 to 10 in Wheaton's favor.

Two old standbys, Pete Zemaitis and Harold Hurvitz, proved their worth in the 175 pound and heavy-weight class. These victories added six points to Tech's totals but were not quite enough to give our matmen a victory.

Bob Smitt, captain of Armour's team of '36, acted as coach in Sonny Weissman's absence.

Fraternity hoopsters start winter meet

Triangle has been the most active team in the inter-fraternity basketball tournament during the past week. On Thursday, their greater height predominated over Rho Delta Rho to the tune of 24-16, but earlier in the week Triangle was defeated by the current fraternity champs, Alpha Sigma Phi. The small scoring done by both sides, 17-15, reflects the lack of practice for this early game.

Pi Kappa Phi's early practice showed to advantage in their victory over the Delta's, 33-16. The victors took the lead in the first quarter and held it throughout the game.

Inter-fraternity sports manager, Bob Klein, says that ping pong has been postponed until next semester. Bowling will start after the first of the year.

Interdepartmental swim Thursday

Hear Ye! Hear Ye! On Thursday night of this week an intramural swim meet is to be held. The meet to be held at the Ida B. Noyes pool, is open to any number of teams from each department. There will be no distinction made between classes, thus sophomores and seniors may swim on the same team provided that they all represent the same department, i.e. (Chems, Juicers etc.).

The pool is located at 59th street and Kimbark Ave. on the U. of C. campus. The meet is scheduled to start at 7:30 p.m.

The events to be held are the 40, 60, and 220 yard free style, 40 yard breast stroke, 40 yard back stroke, and the 120 yard medley relay. Diving events will be held if requested. A man is eligible for any number of events but lettermen are barred from competition.

Remember Thursday, December 17 at 7:30 p.m. in the Ida B. Noyes pool. See you there.

Basketball, ping pong intramurals in view

This week two intramural tourneys will swing ahead at full speed. The ping pong tourney, already off to a flying start, has some eighty to one hundred men vying for the school championship in the singles and doubles events. Results of the first round of play are already in.

Last year's tourney ended with Herschel Franks copping first place, Bob Adelson second, and Bob Johnson third. Of these three men only Johnson is returning to play in this year's battle.

In the doubles bracket last year, Aaron Krus and Aaron Kolom won out over Ed Franks and Hal Jacobs. Krus and Kolom are returning as a team for this year's event.

On the basketball front nineteen teams have signed up and this year's tourney promises to produce some real "knock 'em down" and "drag 'em out" battles. Eight games have been carded for the week of Dec. 14-18. The schedule of these games appears on the I.M. bulletin board in the Student Union.

Heading the list of teams that are to play this week are the Sr. Juicers, featuring plenty of height, the Sr. Mechs (no need of further introduction), and the Cicco Wizards, the Leo lads who did so well in the football tourney.

If practice means anything another team you might watch is the Sr. Chem outfit which has made its home in the gym. (Gad don't those guys have any homework!)

Conspicuous in their absence is a 2A co-op team, winner of last year's tourney. Although the loss of Bill Smart to the regular basketball squad undoubtedly hurt them it seems unfair that they aren't going to be able to defend their championship.



Victorious Armour campus all-star touchball team after beating the west campus team 49-12 on snow-covered Ogden Field last Thursday. Reading left to right in rear row are: Ladevich, Swan, Dambros, Sella and Bell. Front row: Hurst, Zemaitis, Goluska, Jones and Kilgariff. In front are Byrne and Martinek.

Armour tramples Lewis in battle of All-Stars 49-12

by Chet Swan

Armour's All-Star touchball team overwhelmed the Lewis All-Star contingent by a score of 49-12 in their annual encounter. The game was played on snow-covered Ogden field on the south campus, Thursday, December 10, and witnessed by about 100 spectators from both campuses.

The condition of the field negated the use of any running plays and the water-logged football eliminated any long passes or punts. High scorer of the game was Mitch "Hutson" Goluska, who caught three touchdown passes and three point-after passes for a total of 21 points. Pete Zemaitis, elected field captain, was prominent in both offensive and defensive play. Lewis' Allan Crane, Jack Fugua and Paul Brookman sparked their team-play.

Lewis scores on second play

Lewis received the kick-off deep in their own territory but returned the ball to their own 45 yard line. On the second play, Paul Brockman threw a short pass to Al Crane who dashed twenty yards for a touchdown. The attempted pass for point-after was knocked down. The Armour squad then launched a powerful attack and scored two quick touchdowns on passes to Mario Silla and Boydie Jones. The first touchdown was set up by Jack Byrne who intercepted a first-down pass and slithered down to the Lewis 15 yard line before he was stopped. On the next play, George Martinek lined the ball to Silla for the first Armour score. At the half the score was Armour 13 — Lewis 6.

Armour steamroller moves

In the second half the Armour six, unleashed an aerial attack which completely bewildered the Lewis defense. Time and again, Jones, Kilgariff, Ladevich, Byrne and Goluska stole behind the secondary defense to catch passes for long gains. Early in the third quarter, Al Dambros threw a long pass to Boydie Jones who caught the ball over his shoulder while on a dead-run. With the nearest opponent more than 15 yards away, Jones scored easily. Shortly after, Jack Byrne on a "sleeper" play caught a long pass from Martinek and began his run toward the goal. The safety man who dashed up to make the tag was effectively taken out by Pete Zemaitis. The cross-body block executed by Pete was the finest block of the season—the opponent being sprawled over and thrown for about six yards. A long kick-off gave Lewis the ball on their own five-yard line. On their first play, Collett attempted a run around left end but Jack Byrne, alert defense back, fought through the line and smeared the ball carrier behind the goal-line for a safety score.

Dick Farmer, Lewis, blocked a punt by Jim Bell and a short pass, Fugua to Crane, placed the ball on the five yard line. A flat throw from Crane to Johnson accounted for six points. The try for extra point was frustrated. The demands of the spectators for the famed Senior Mech "I" formation was satisfied early in the fourth quarter. The six men lined up, one behind the other, and at the signal "shift" they broke away in all directions. Chet Swan playing back, threw the pass to Mitch Goluska for a touchdown.

Box score of the game is as follows:

Pete Zemaitis (Capt.)	FB	Wally Collett
Jack Byrne	C	Ed Burke
George Martinek	E	Dick Farmer
Mitch Goluska	HB	John Moyer
Chet Swan	HB	Jack Fugua
Bob Ladevich	E	Paul Brockman

—Substitutes—

Mario Silla	Bob Ebner
Boydie Jones	Allan Crane
Tom Kilgariff	Art Bever
Tom Hurst	Howie Cummings
Al Dambros	Bob Johnson
Jim Bell	Hank Pachowicz
Touchdowns: Armour—Jones (2) Silla (1) Byrne (1) Goluska (3). Lewis—Collett (1) Johnson (1). Extra Points—Goluska (3) Jones (1) Kilgariff (1).	

Fifteenth meet held March 13th

by Don Keigher

Last Friday, John J. Schommer, athletic director at Illinois Institute of Technology, announced that plans for the Fifteenth Annual Illinois Tech Relays are being speedily moved forward.

Announcement of the meet was affirmed when the Western Conference and allied major universities placed the Tech Relays on their list of important track meets of the coming year.

Probable date of the fifteenth running of the Relays, stated Schommer, is March 13, and in the University of Chicago fieldhouse, home of all the past Relays. The Illinois Tech Student Association voted funds for the meet last week and full permission of the administration was likewise granted then. The University of Chicago granted the use of the fieldhouse, but on the condition that cancellation of the meet might come at any time, depending on the war situation and military needs. Kyle Anderson, acting athletic director of University of Chicago, stated that Navy needs are foremost in the use of the fieldhouse.

Big Ten wants the Relays

A very impressive group of universities have already filed intentions to bring as many of their best stars as the war emergency permits. A partial list of these includes Michigan State, Wisconsin, Northwestern, Chicago, Minnesota and Drake. Notre Dame, Ohio State, Illinois and Indiana also filed intentions during the meeting of the collegiate athletic leaders here in Chicago last week. These latter teams have never sent strong squads to the Tech Relays, but have concentrated on the Butler Relays. The Butler Relays have rivaled the Illinois Tech Relays for many years but they have now been postponed for the duration of the war.

Small colleges hard pressed

In the small colleges, interest in the Relays is not as strong as in former years, but many are intending to send at least two or three of their best performers. Some of these schools and two of the small college conferences have dropped indoor track, but this does not wholly prevent their appearance. Primary difficulty of all schools will be the lack of transportation facilities.

To compensate for the probable reduced number of the college class enterants will be the possibility of a galaxy of servicemen running for the many mid-western military stations and camps. As in other years there will be a full complement of high schools and junior colleges.

Major track and field meets scheduled for the Big Ten this coming season are the conference indoor meet at the University of Chicago fieldhouse, our own Illinois Tech Relays, the Drake Relays and the outdoor conference meet at Northwestern. This definitely places the Relays as the largest indoor track meet in the United States during 1943, since nearly all the major track meets are being or have been cancelled.

GREEKS

Alpha Sigma Phi

About a week ago the Alpha Sigs met and defeated Triangle fraternity in both ping pong and basketball. The boys took the ping pong match rather handily but had quite a little difficulty with the Triangle basketeers and were only able to win by a score of 17-15.

Brothers Erickson, Dunnell, and Lind along with Pledge Faulkner were the Alpha Sigs to journey with the musical clubs to Rockford last Thursday. It is the unanimous opinion of Lind, Dunnell, and Faulkner that Erickson is a wolf of the first degree. This opinion was substantiated by the actions of Erickson at Rockford College (a girls school, as you all know) . . .

Alpha Sigma Phi had the extreme pleasure of President H. T. Heald's presence at dinner last Thursday evening. Dr. Heald stayed after dinner and talked to the boys regarding the school and the war in general.

Delta Tau Delta

Delta Tau Delta announces the pledging of Norman Kastman.

Sunday, December 13, Delta Tau Delta's Mothers' club held its annual Christmas tea. They were entertained by the "Delt Octet."

A Christmas dance is in the

offering Friday night. It will be quite an affair because the Delts won't be having any more dances after this one till next year.

Kappa Phi Delta

Having successfully completed their cookie sale, the girls are still receiving compliments on the tasty tidbits sold.

Plans for the Christmas holidays are being made which include a party at Ruth Body's house, the first week of vacation and a theatre party the second week.

The girls join in wishing all faculty members and students a very Merry Christmas and a pleasant year to come.

Pi Kappa Phi

By quickly subduing the Delts 33-16 last Thursday the Pi Kaps started on what may be the victory road in the current basketball series. Fast moving feet, keen cooperation and correct timing insured good results.

The annual Pi Kappa Phi Founder's day banquet took place Thursday night, December 10, at the Michigan hotel. Dean Peebles, guest speaker addressed the alumni and undergrads on "The Position of the Institute and Undergrads Alike in the War Effort." Ed Farrell acted in the capacity of toastmaster.

Sigma Alpha Mu

This must be a war that affects people in all walks of life, for now even the life of a lowly fraternity pledge has felt the impact of war.

No more will the pledges of Sigma Alpha Mu at IIT be subjected to the meaningless tasks and the hazing that customarily belong to any fraternity pledge. Earl Sherman, pledgemaster announced last Thursday that the Sigma Alphas will substitute a "leadership training program."

A war measure, the plan was adopted because it was felt that in these times any non-constructive use of even a pledge's energies was a shameful waste. Now, according to Sherman, only "essential duties" will be performed by the pledges during their neophyte days.

Crux of the "leadership training" plan for pledging is a class which will be held every two weeks. All pledges will be required to attend these sessions at which various successful alumni of Sigma Alpha Mu will speak on the qualities of leadership necessary for success.

"The War Manpower Commission has stated that engineers are America's most critical shortage," says Sherman, "and so we feel that rather than making our pledges per-

form satisfactorily our whims, it is more important that we help make them satisfactory leaders."

Zeta Beta Alpha

The home of Nate Iglitzen was a very busy place on the night of Sunday, December 13, 1942. At that time the ten men pledging ZBA received the third and final degree of their initiation. After the formal part of the initiation was over, the informal part, under the direction of the host, was administered.

The rest of the month is going to be a very busy one for Zeta Beta Alpha. Starting on Monday, December 14, 1942 "hell" week began. This is followed by "hell" night, which will be held on the night of Thursday, December 17, 1942. The final affair, which closes the pledge period of this semester, is a pledge banquet to be held on the night of Friday, December 18, 1942. This outstanding affair is going to be a mixed affair, and will be held at the Chez Paree. On Wednesday, December 23, 1942 a bowling party is going to be held. On Saturday, December 26, 1942, a splash and dance party is to be held at the New Lawrence hotel.

A final important event is to be a New Year's Eve Theater Party.

Research Briefs

Miss Siegel Dunham, of Callao, Mo., has joined the staff of the Foundation as an assistant in the analytical laboratory. Miss Dunham received her bachelor of arts degree from Central college, Fayette, Mo., in 1941. She has recently been studying at Wayne university, Detroit, Michigan, and working in Women's Hospital, Detroit as a candidate for the degree of registered technician.

Dr. Martin H. Heeren and Dr. Ibert Mellan of the Chemical Engineering Section recently returned from attending the twenty-second annual meeting of the Highway Research Council in St. Louis, Mo.

Dr. George Ziegler, Dr. Frank Trimble, and Dr. Thomas Poulter of the Foundation staff were in Washington last week in connection with research work for the armed forces. Dr. Donald E. Richardson will leave for that city Friday on similar business.

Dr. Vincent S. De Marchi has accepted an appointment to the research staff of the Institute of Gas Technology. Mr. De Marchi resigned his position as research chemical engineer with the United Color and Pigment Company of Newark, New Jersey.

HOLIDAY GREETINGS

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