

DO THE NAVY MEN stationed at George William College represent IIT or George Williams? This has been the source of considerable discussion since the question was published in a letter to the editor last week. The letter decried the fact that the George Williams team is composed chiefly of IIT V-12 men stationed on that campus. This team soundly trounced both Illinois Tech and the University of Chicago in basketball recently.

The conception of having the students on one school play under the name of another is ridiculous, but such is the case. According to the latest statement by Lt. W. A. Hamilton, commanding officer of the IIT V-12 unit, the situation will remain as is unless a special order is issued by President Henry T. Heald.

I don't believe that it would be wise to make a change at this stage. The matter should have been taken care of before the basketball season began. Now we would not only antagonize George Williams and the navy players themselves, we would also bear the stigma of hard losers. I do feel that immediate action should be taken to prevent the recurrence of another such problem in the future.

THE ELECTRICAL engineers are becoming the gentlemen of IIT. Last year Dr. Jesse Hobson, head of the EE department banned the term "juicers" as being too commonplace for an engineer. The electricals have assumed further dignity with the formation of the "Always Be Careful and Don't Ever Swear Club." The ABCDES have made any resort to blasphemy punishable by two sharp blows to the offender's arm, the blows to be administered by fellow club members. Not trusting their own ability the boys have sanctioned the use of the words "hell" and "Damn".

NORMAN OFFENBERG is a new reporter for *Technology News*, who was assigned to cover a story on the Armour Eye last Friday. He obtained his story alright, but before the ghoulish officers of the club were through with him, he had been divested of fifty cents and was signed up as a pledge of Armour Eye.

ASME Meeting to Feature Recorder

Argentine music played from the magnetic sound recorder will be featured by Dr. Francis Godwin, assistant director of the Armour Research Foundation, at the Chicago meeting of the ASME tonight.

Along with the demonstration of the sound recorder, the color motion picture, "Argentina—Land of the Old and New", will be presented.

"The program will start at 7:30 p.m. in the Main Auditorium of the Central YMCA, 19 S. La Salle St." stated James Cubbage, president of the Illinois Tech Chapter of the society. Cubbage urges all members of ASME to attend the meeting.

Richter Gives Rapid Reading Instruction

A course in German rapid reading is being given by Dr. Friedrich K. Richter to Gas Institute graduate students.

This course is offered every Wednesday for three hours at the graduate house at 4710 Drexel Avenue. Since every person studying there must complete the course within his first two years, Dr. Richter urges all those who have not yet enrolled to do so next semester.

He added that the course is too far advanced for anyone to enter it this semester.

Dr. Richter is a professor of German in the English department of Illinois Institute of Technology.

Cohen Elected IIT Integral Queen By Freshmen

Unanimously Chosen in Lewis Class Election

Hyman Cohen was unanimously chosen president of the Lewis freshman class, Friday. He will replace Walter Czeropski, who was elected chairman of the class at its first meeting two weeks ago.

All officers for the present semester were elected at the meeting. These are Gorman Quinn, vice-president; Joan Nicholas, secretary; and Vance Willcox, treasurer. All of the officers elected were second semester freshmen. This is due to the fact that only four first semester freshmen attended the meeting.

Cohen will now act as a permanent member of the student lounge committee at Lewis along with other class presidents.

IIT Integral Queen



NEW QUEEN—Natalie Eckland was crowned IIT Integral Queen at the Drake Hotel Saturday night.

The crowning of the Integral Queen by Henry T. Heald, president of the Institute highlighted the IIT Integral Dance Saturday evening. She is blonde Natalie Eckland, a senior at Hyde Park High School.

The names of the ten finalists in the contest were read by Ted Pilat, Armour editor of the Integral, and then the Queen's court was called forth. Marilyn Stevens was runner-up, followed by Shirley Peterman and Rosalie Covig. Each girl was given a deluxe photograph, a bouquet, and a certificate signifying her honor, by Pilat.

Ted then introduced Dr. Heald, who presented the Queen with her awards and escorted her back to her table, after which dancing was resumed.

Natalie's picture was entered in the contest by Cameron Wren, freshman mechanical, who recently entered the army. She was escorted by one of Wren's friends.

The outstanding IIT dance of recent years, according to Mike Coccia, A/S, All School Social Committee chairman, took place at the Gold Coast Room of the Drake Hotel Saturday night.

The dance was a complete success, Coccia said, 450 bids being sold instead of 400 as originally planned. Due to the unexpectedly large demand (See INTEGRAL QUEEN on Page 6)

100 to Play at Yule Concert

Over 100 IIT musicians and singers will present a Christmas concert for students and faculty at 11:30 a.m., Friday, Dec. 24.

Never before has IIT been represented by such a galaxy of musicians. Arrangements are being made to close all departments, reported O. Gordon Erickson, director of the music clubs. This will allow all the students, faculty and secretaries to attend.

The orchestra, glee club and combined bands will participate in the concert, which will be in the Student Union.

These clubs are also scheduled to play in Rockford Thursday, Dec. 16.

June Graduates To Hold Election

Nominations for June graduate class officers will be held 11:30 a.m., Friday, Dec. 17 in room 214 Chapin. The nominees will be voted upon the following Wednesday, and any necessary runoffs will take place two days later.

As soon as class officers are elected committees will be appointed by the class to assume the various responsibilities of commencement.

Only Yellow Pants and Farmer Shirts to Be Worn at Sophomore Party Saturday

Registrar Checking Graduates' Records

The records of February and June graduates are now being checked for graduation, it was revealed today by William E. Kelly, assistant registrar.

Kelly stated that these men should see him in the registrar's office immediately so that their records can be completed. This procedure will avoid last minute difficulties due to discrepancies in the students' records.

Wartham and Weitzmon Resign From Lewis Jobs

Lewis will lose a switchboard operator Dec. 24 and has lost Darlene Wartham of the Registrar's Office.

Rhoda Weitzmon is leaving the switchboard to work in the mathematics department at Armour, while continuing her studies at the University of Chicago.

Helen Binder has replaced Wartham in the Registrar's Office. Canadian born, Binder came to Chicago for further education.

Yellow pants, overalls, farmer shirts and the like will be the order of the evening at the Sophomore Party, with suits and ties being barred.

Final plans were made for the party, which is to be held this Saturday evening, at a meeting of the class last Friday. Beginning at 8 p.m., the affair will take place in the lounge and auditorium of the Student Union.

Dance music will be furnished by the juke box. Admission will be fifty cents per couple and should be paid by Wednesday to one of the members of the social committee, says Chairman Lawrence Johnson. Dancing will not be the main item of the evening, however, as two skits are being planned and movies will be shown.

The social committee consists of Lawrence Johnson, Richard Loomis, Glen Seegers, Robert DeBoo, Robert Whelan, Lawrence Simon, Herbert Schoen, Felix Rosenthal, Gil Katz, Harry Peyser and Thomas Ruck. They have stated that they are relying on the class to make the affair a real success.

Navy Curricula Soon to Be Compulsory for All Students

Certain Departments and All Present Sophomores, Juniors, Seniors Not Affected

All students who are not beyond their first sophomore term by March 1, 1944, will take those courses prescribed by the official navy curriculum. This decision was made by the curriculum committee at its meeting last Friday.

Only those students majoring in chemical and fire protection engineering, chemistry, and architecture will not be affected by this decision, since the navy has no program for undergraduates in these fields. Also unaffected are the civilian and V-12 students who will post their first semester of the sophomore year by March. They will be able to follow their present curricula.

Student Averages Being Recomputed

All student averages are being recalculated by Tau Beta Pi, national honorary engineering fraternity.

Bill Parks, A/S, president of the fraternity, said students were finding errors in their averages and that correct averages were needed in order to choose pledges for honorary fraternities.

As an answer to last week's "Letter to the Editor" Parks added that a composite average of grades received at IIT and from other schools will determine the average of students who have done work elsewhere.

IIT Plans New Tennis Courts

Tech students will not be deprived of their tennis courts. This was assured when the Institute's business manager, Raymond Spatch, stated that two new tennis courts will be constructed by next spring.

These courts will be all-weather concrete courts, and will be permanently situated in the vicinity of 32nd and Federal streets. The two remaining courts in back of Chapin will still be used.

The idea of permanent, concrete courts was first brought up at an ITSA meeting last semester. The project was discussed but was tabled until the cost could be ascertained.

This announcement should allay the fears which were expressed by many students that the construction of the new Parnly Foundation building might mean that IIT would no longer have tennis courts.

Physics Department Adds 5 Experiments

Lest life get dull for physics students, several new experiments will soon be put into use in the laboratory, it was learned from Laboratory Director Forest F. Cleveland.

One of the five new experiments, all of which are concerned with electricity, has already been put into operation, and writeups of the others have already been mimeographed.

Discharge of a Condenser Through a Resistor (Experiment 64) was available to the sophomores last week. The Wheatstone Bridge and Specific Resistance, Temperature Coefficient of Resistance and the Resistance Thermometer, Direct Current Motor, and Photoelectric Cell (experiments 64, 65, 66, 67, and 71 respectively) will be used in the freshman and army laboratories when they are available. With the exception of 71, they may eventually be incorporated into the sophomore laboratory, according to Dr. Cleveland.

When the army students begin their third term, more electricity experiments will be needed than have formerly been used in the laboratory, said Dr. Cleveland.

The inclusion of a new six semester course in general engineering was announced by the committee. The curriculum will be as specified in the navy's bulletin.

Navy aeronautics and aeronautical options in ME and CE will probably not be offered any more. "Crack aeronautical engineers are too hard to get now," said Dean James C. Peebles. Navy students entering their fifth semester and majoring in those courses will probably be shipped to another college in the V-12 program.

V-12 trainees who are now at George Williams will be required to major in one of the navy curricula at IIT next March. Those who are not engineering majors will be sent to other schools then, according to Peebles.

By the end of this week, the department heads of the navy required curricula will have to formulate the courses as they are now specified and as the navy requires them. Within two years, these department heads will be planning only courses as specified by the navy, said the dean.

Juke Box to Arrive Soon

The juke box for the lounge was ordered last Friday and will arrive soon, John Schommer revealed today. It was purchased from the Buckley Music System Inc. at a cost of \$200, \$100 of which will come from the ITSA and \$100 from the alumni fund.

The juke box is not a new one, but it is in excellent condition, Schommer said. It is four feet high and has a capacity of 20 records. The records will come from the existing collection in Bernard Weissman's office and more will be purchased as needed. Records will be changed every week.

Of course the nickel mechanism has been removed and so it will be merely necessary to push a button to hear a record. The juke box will be available at any hour that the lounge is open.

H. F. Perkins, sales manager representing the company from whom the juke box was purchased, is an Armour Academy graduate of 1907, and he is quoted as saying that it made him very happy to be able to do the school this favor, for it was a very good purchase, he said.

Co-op to Handle Magazine

Copies of the Mechanical Engineering Magazine will be distributed to ASME members by the Co-op Bookstore, Don Aronson, bookstore president, reports. A subscription to this monthly publication is provided for in the ASME membership fee.

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Men Of The Week

Distribution of Free Cigars Is Proud Papa Lou Wengel's Latest Past-time

By DICK KOENIGSBERG

Distribution of free cigars

As the newest "proud papa" at IIT, Lou Wengel receives this week's nomination as Man of the Week. When Lou began passing out cigars and began running around like the traditional new father, some of his friends wouldn't believe him; they didn't know he was married.

Robert Louis Wengel, born November 30, provided 9 pounds, 13 ounces of evidence, however, and so all is forgiven. Lou brought his family home last Thursday, and all concerned are doing fine. Naturally the new responsibilities of parenthood are taking a great deal of his time, but Lou manages to maintain his outstanding scholastic and extra-curricular record.

Lou began his career at IIT as a cooperative student, working at Republic Flow Meters Corporation to gain industrial experience which he feels will be valuable when he enters industry.

As a co-op Lou was eligible for membership in the Wranglers, late co-op organization formed to further the artistic and literary tastes of its members.

In recognition of his outside activities and a scholastic average well over 2.0, he was honored by election into Pi Tau Sigma, mechanical engineering honorary.

"Every student should take part in extra-curricular activities, for they are an integral part of his education," Lou says.

A life-long interest in music has led to the presidency of Pi Nu Epsilon, musical honorary; Lou lends a swelling tenor to the glee club. An enthusiastic camera fiend, he belongs to Armour Eye, school photography club. The rest of his hobby time is devoted to a coin collection of which he is very proud. As for commercial interests, Lou satisfies them by acting as advertising manager of *Technology News*.

In order to keep in shape for wrestling with young Robert, Lou bowls, swims, and "dubs around a golf course."

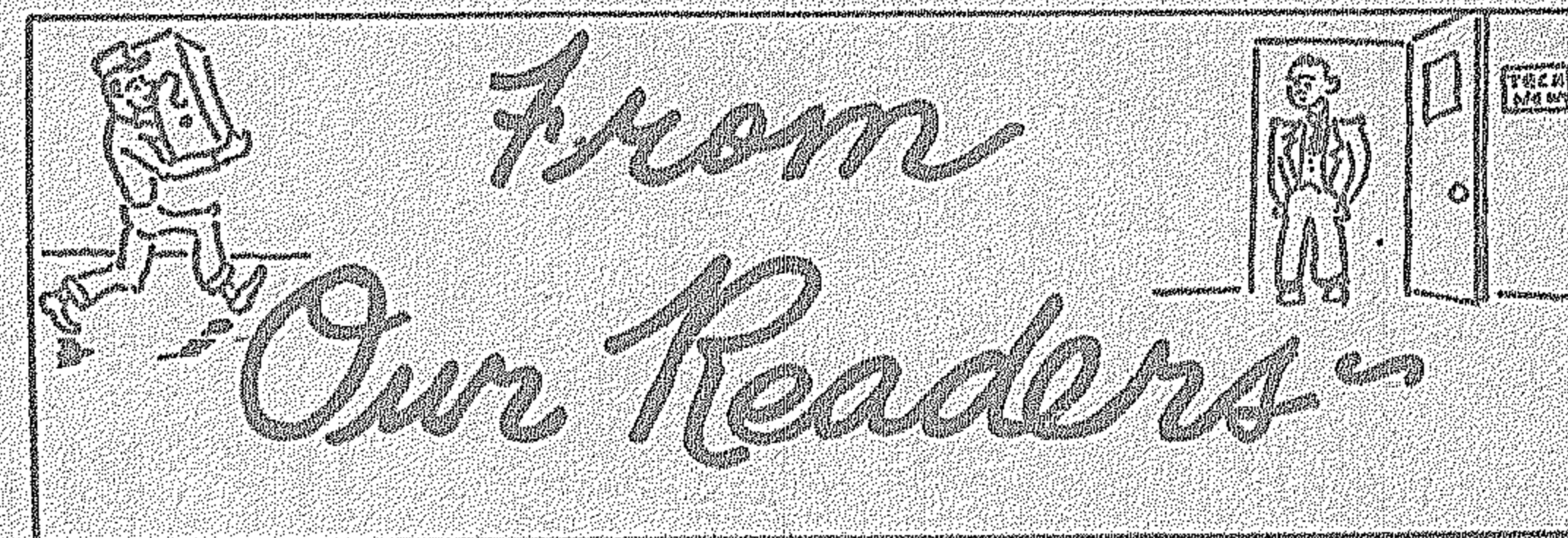
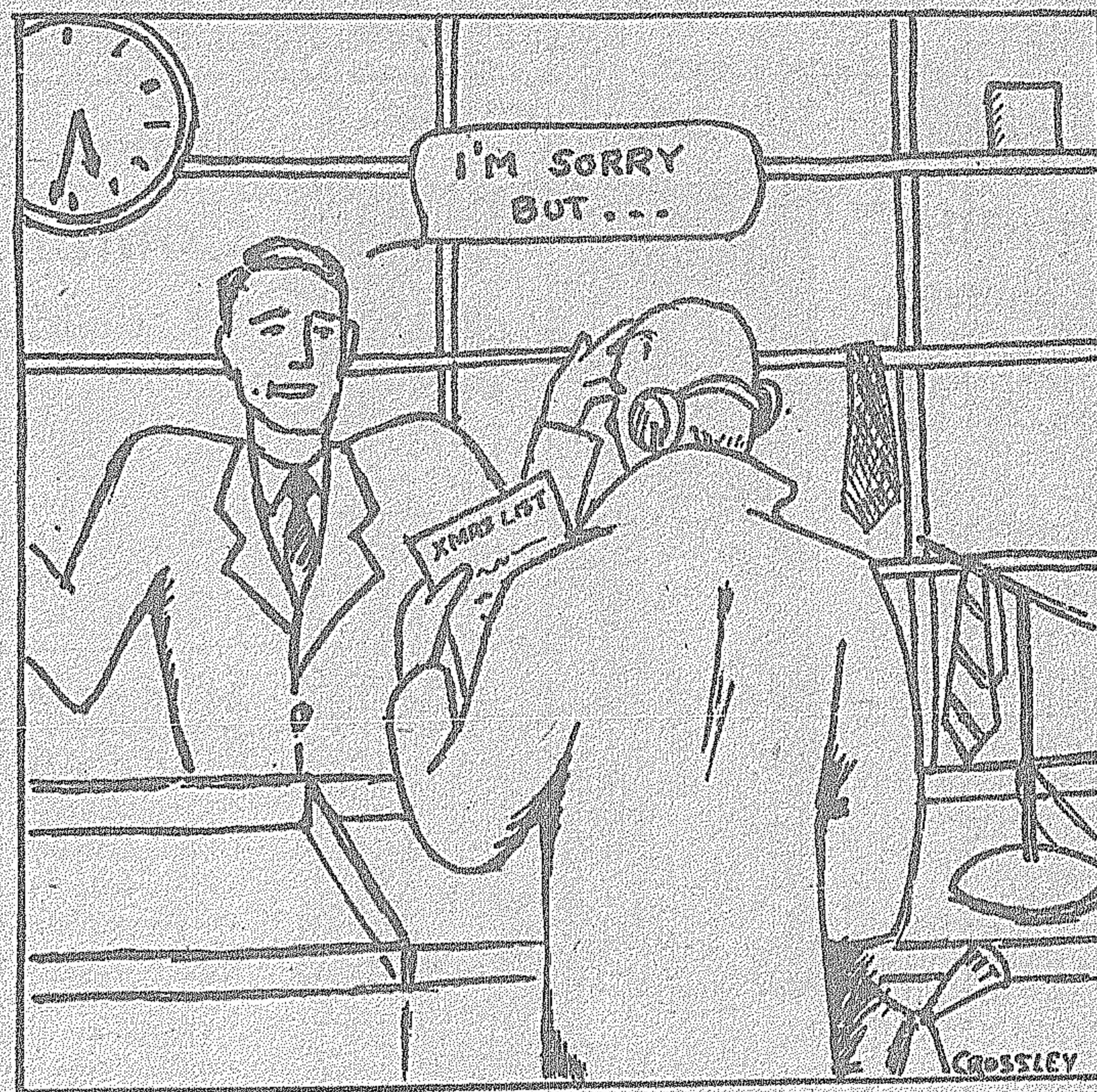
Because he felt it was one way of contributing to the war effort, Lou became an enthusiastic member of the Student War Council. He represents Pi Nu Epsilon on the Interhonorary Board, and still looks back on his term of membership on the ITSA Board of Control.

A February graduate, Wengel is contributing to his class by membership on its announcements committee. After graduation he plans to enter industry as a sales engineer, providing his draft board is willing. In the meantime he is too excited over the latest addition to his family to do a great deal of worrying over the future.



Lou Wengel

Christmas Eve 1943



A Year of Honor

IIT's honor system begins its second year this month. And we think this a good time to consider carefully how well it has worked during that period. While any length of time less than about four years is insufficient to establish such a system, the results of one year should certainly indicate whether it is, or ever will be, a success.

Most students, we believe, feel that it has not been a complete success, although the majority are in favor of it. Their complaints center about a few items.

"Do we have to write the pledge", is a question often asked of instructors, "and what will happen if we don't?" If we have an honor system, why do instructors make us use alternate seats and give out different quizzes to adjacent rows?"

In regard to the first point, we know that there are always a few men in most cases who will try to cheat. Without an honor system the others have no choice but to remain silent or to speak to the offenders. For no man would tell tales or snitch on a fellow student. But the honor board is composed of, and organized solely for the benefit of, the students themselves. A report to the board of deliberate cheating is to the best advantage of the class, the school and most of all, the offender himself.

But the honor system is not based on each student's being his fellow student's keeper. The backbone of any such system is the responsibility of each student for himself. Certainly no one has to write the pledge. That's completely contradictory to the whole idea. Each man should so conduct himself that he can sign the pledge, not only in the letter of it, but in the full spirit as well.

Objection to the use of alternate seats or quizzes is, we feel, rather childish. Almost all of the classrooms are of necessity greatly overcrowded, and when you are obliged to sit almost in your neighbor's lap, it is physically, if not morally, very difficult to keep your eyes on your own paper only. Most of the instructors cooperate fully within the honor system.

That newcomers to IIT might fail to accept the honor system is understandable. When first proposed here, it was the subject of a great deal of debate and discussion, and when finally adopted by a student vote, everyone on the campus knew what it stood for, what its purpose was, and what its good and bad points were. The new men have been told about the system, but not, of course, in such detail. When they have seen it in operation here for some time, and when the whole idea becomes more firmly established, there will, we are sure, be no more difficulty of this sort.

Honorable conduct is of the greatest importance to every person. To the servicemen on campus, and to those civilians who may enter the armed forces upon graduation, the honor system has, if possible, an even greater value.

—FRIED

It is the Editors of the yearbook who are in a position to put Armour and Lewis into one book as one school, but in several aspects they have failed, or perhaps we should say, are failing.

As the story goes, pages in the yearbook were set aside for the officers of the Senior class as well as those of the officers of other classes. Because the officers were not yet elected, through no fault of the students, these pages were eliminated, the Editors alibiing that these Lewis pictures were not in on time. They just couldn't save the page!! You might say they had the attitude of "Oh well, toss 'em in with our group. It doesn't really matter." This does, however, matter a great deal for it means that only Armour is recognized as having class officers.

Still throughout *Technology News* mention was made that pages were being held open for several occasions such as space for a picture of IIT's most popular secretary and a page for shots of the Integral dance. Seems rather strange doesn't it?

When you come down to brass tacks you find that it's the students (both Armour and Lewis, believe it or not) who pay the activity fees, and not the secretaries. Allowances should therefore be made when necessary as in this case.

Very calmly and reasonably now "Dear Editors" get down to some honest to goodness thinking and reasoning—do you think your actions have been according to Hoyle? Put yourself in the other guy's shoes for a while!!!

Senior, Junior & Sophomore class officers

Dear Editor, and the Coeds Concerned:

In regard to the letter written by "Five Coeds" concerning the recent popularity contest, I wish to state that there was NO rule that the girls could not vote. When I discovered that there was to be an election, and was informed of the details, I hastened to exercise my franchise

When I approached the poll worker, not a word was said when I asked for a ballot. It is entirely possible that I am well enough known as a student at the Institute that I needed no proof of identification: but if those poor little coeds experienced any difficulty, they had but to flash their \$150 slip of paper (registration receipt) under the worker's nose and they too, would have been able to vote for their favorite secretary.

This letter is not just to prove the fame of the writer but in hopes that there shall be no more misunderstanding for the girls. When they came to the Institute they must have realized that the south campus was predominantly male, and therefore when a sign, with one exception, says, "Men", those in charge are thinking of the general case, not the exception. The girls have only to remember that their registration and ITSA activities receipts are the "Open sesame" to all student activities.

Shirley Sexson, M.E.—'46

Dear Editor:

Some time ago there appeared in *Technology News* an article which bemoaned the fact that there wasn't as much interest shown in school-work among the civilians as among V-12 men as shown by the comparatively high per cent of absent members in the civilian enrollment. The records of the instructors show this to be true, but these records show another condition which must be taken into account:

Can a man who has been overtaken by the delightful sport of classroom sleeping be considered as present? An interesting observation has led me to ask this question. A census of the physics 202 demonstration at about ten o'clock on December 2 showed that fifteen V-12 men were 'out of this world' accompanied by two dormant civilians.

This may be an extreme case but it is certain that no one deny that the odds on this type of thing are at least four to one.

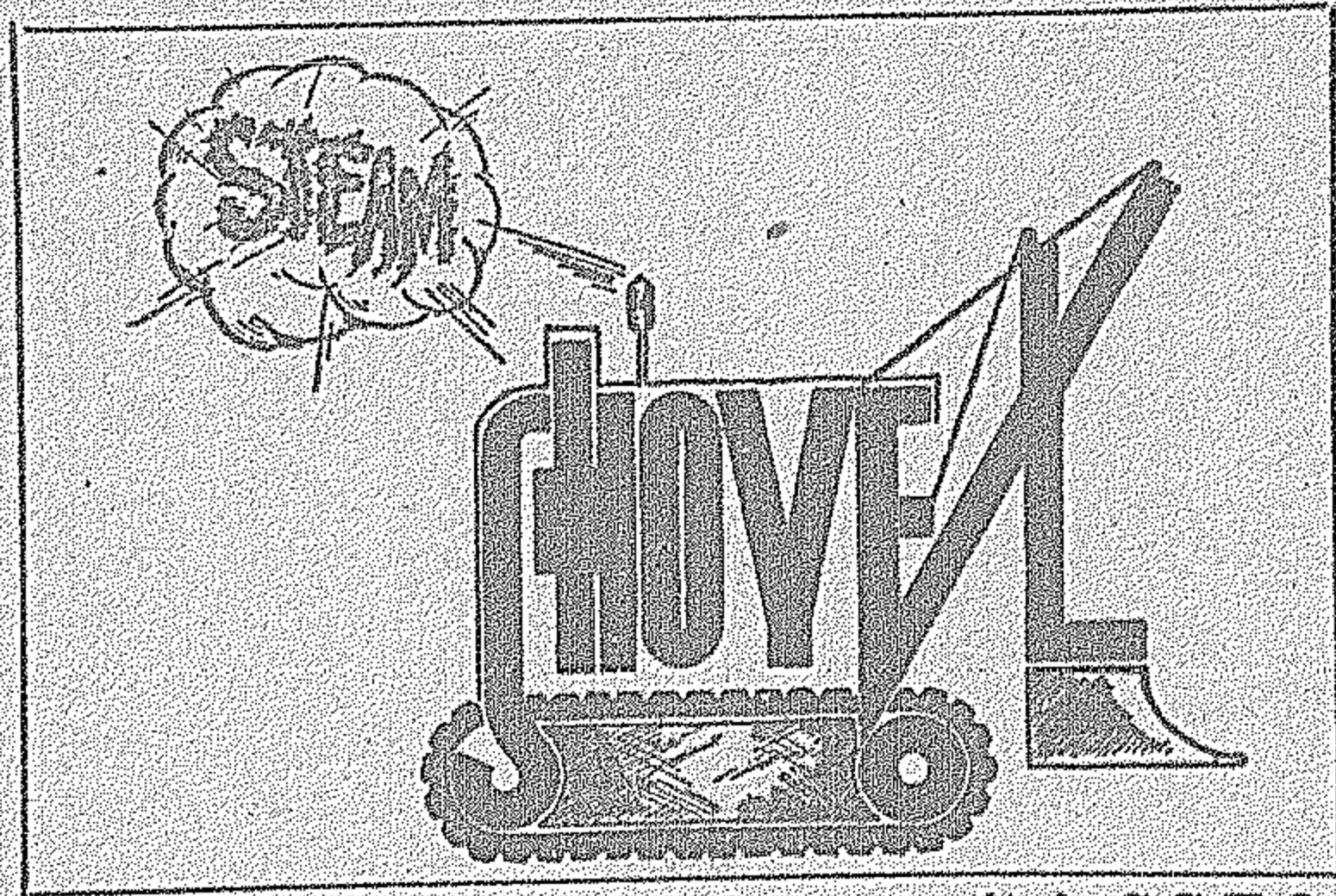
R.A.B.



JOSEPH ALGINO, junior mechanical, claims to be the only student at IIT who has never been outside of Illinois. The farthest Joe has ever traveled from Chicago was to Starved Rock... R is the signature of RICHARD R. RASMUSSEN, assistant in chemistry... After studying all day in the masculine Armour atmosphere, WALTER GRENGG and ED SCHASCHL, soph chemicals, twice a week attend a typing class at Carl Schurz Evening School. There they are the only males in a class of thirty... WALTER HENDRICKS, chairman of the department of language and literature, was an aviation instructor in the U.S. Army air force during World War I.

CHICAGO

Goodman Theatre Presents Christmas Play



Last week it was S.T.O.s., now its's S.S.T.O. (Smallest Small Time Operators). The organization is composed of those gentlemen on campus who have never had a date (maybe that's why they're gentlemen.) Three were uncovered on the Armour campus last week and naturally they're freshmen. The three sheltered guys are Don Slager, Milton Oran, and Eddie Walsh. The boys are trying, according to their spokesman, and advice would be welcome. Perhaps a package of Sen-Sen and a trip to the Link office would get them started.

Wally ("I trust my friends") Breich is having one put over on him right about now. His letters from a special number back home in Michigan have been coming in fewer and farther apart. Instead, the letterswriting talents have been directed toward a "friend" of Wally's. Said "friend" also attends Armour but apparently has a very good method of chiseling in on the babe. Looks like it's about time for a wolf hunt.

At first it seemed a good idea, but now Dick ("Hairless Joe") Skibbens is having trouble. He admired Dr. Boder's chin whiskers so much that he has been trying to grow a set of his own. It isn't working out quite as Dick hoped, however, The whiskers are a bit on the sad side, to say the least, and he is forced to flee whenever he sees the professor coming down a Lewis hall.

Goat of the Week

John Ross Humphreys III: He has been dating a dish for quite awhile now, and they get along fairly well together. While he is senior chem, Humphreys, unlike other senior chems, is rather shy when it comes to telling the young lady good night. She definitely isn't receiving the attention which she believes she is entitled to, and something should be done about it. Name: Jerry Abbott, and the enterprising ones can reach her at PENSacola 2285.

Newest claimant to the doubtful honor of Small Time Operator is Herbie Hyman, junior mech. People are saying that the guy has definitely been in a rut, having been dating one girl since he was thirteen. Moreover, he claims that he hasn't even been out with any other girl in that time. Maybe he believes the old line about one bird in the hand etc.

Add this to the list of available catalysts: People were wondering how Jim ("Efficiency Plus") Kordig got those 110% yields in organic lab. Now all has been explained on the grounds that he just saves a picture of Patsy in front of the apparatus, and things begin to hum. From here it doesn't seem quite logical, but it would be fun to see what Jane Russel would do to a Friedel-Crafts reaction.

Latest C.R.O. (Cradle Robbing Operator): Morrie ("Anything in a skirt"), Spielman who when introduced to Jim Abberman's 15-year-old cousin was heard to say, "Don't let that young thing get away, I'll bring her up the Spielman way!"

Apprentice Seaman Roy ("Country kid") Schimmelpeg (don't try to pronounce it, just call him "Shimmy"), wants everyone to know that his home is famous throughout the country, despite its population of "slightly" less than 1,000. "When a pilot sits down," says Shimmy, "What's he sit on?" (Well, that's a fair question). "I'll tell you," he goes on, "He sits on a plastic seat made in CAPAC, Mich." There's still some doubt in Quarters #2 as to just where Capac, (they roll the side-walks up every night) Michigan is located. Some say it's three miles west of Podunk Center.

Lester Verkler, a junior M.E., has literally been hooked by a bundle of charms who is a crane operator in a Gary industrial plant. Les has stated that the time and one half for over time comes in very handy about the fifth round, however he should be warned that 1944 is a leap year and it is mighty difficult to argue with a 10 ton ball and hook crane.

Since the beginning of this semester Jim Barris, Victor Moy, and Al Donahue, three civil engineers, have been entertaining themselves playing pinochle in class. These games are played during lectures by "always facing blackboard" R. L. Stevens, professor of civil engineering. Taking extreme advantage of the professor's back, the three have even managed to play up to five complete hands in one hour. Stevens only turns around when asked a question.

—BROTHER TINSLEY PHENORTEN

IN KEEPING with the Christmas spirit, the Goodman Memorial Theatre of the Art Institute is presenting a miracle play, "Tidings Brought to Mary." The play is scheduled for a continued run through Sunday night, with a Thursday afternoon matinee.

"Tidings Brought to Mary" is the work of the French author, Paul Claudel. Claudel became acquainted with America in his capacity as French ambassador. According to a spokesman of the Goodman Theatre, his works are noted for able craftsmanship, and beauty of language.

The current production of the Goodman, which is a part of the Art Institute of Chicago, is another in the present series showing what the Theatre's students have accomplished along the lines of acting, direction, production, and stage design.

IT APPEARS that everyone is trying to see "Oklahoma," the musical at the Erlanger now. At least enough people are trying to see it so that it has become a problem to get tickets, with gate reports stating that the show has a \$100,000 advance sale.

There are three approaches to the ticket problem: the personal visit, the mail order, and the ticket broker routes.

The personal visit is considered the best. Each week a new block of tickets go on sale on a strictly first come, first served basis. Tickets for the week of January 16 are scheduled for release this week.

When ordering by mail, it is wise to state several choices of performances.

The ticket broker is usually the last chance for the ticket seeker. Brokers' charges vary with the show and the ticket demand; not so long ago brokers were getting \$11 for \$4.40 "Oklahoma" tickets.

Tickets are now on sale for the "1944 Hollywood Ice Review" starring Sonja Heine. This talented group which presented an outstanding show last year will appear at the Chicago Stadium December 25 through January 15.

Research Reports—

Refraction Coil Makes Tech's Microscope More Versatile

(Editor's note: This column will present each week a brief report of the various research projects being carried on at IIT. Since *Technology News* is the student newspaper of a technical school, these articles will be of a more technical nature than would be possible in an ordinary newspaper, but they will nevertheless be written in such a manner as to be accessible to the majority of the student body.)

Dr. Copeland, Professor of physics, gets to see more and more. With the installation of a diffracting mechanism into the electron microscope by Dr. Copeland and Chester Davis, RCA service representative, it is now possible to examine and analyze the structure of solids such as gold and silver.

In the past only transparent and translucent objects could be examined in the microscope. With the refinement, opaque objects can also be studied, thus greatly expanding research potentialities.

The unit may be used as a diffraction coil to study opaque objects, or as an ordinary projection coil to view transparent materials. A quick turn of the switch effects the change.

How two atoms get together is the subject of Dr. Rudolf Samuels' research investigation. The study involves the combining of neutral atoms to form covalent molecules. With the use of band spectra, which are obtained by the use of a vacuum and flouiride prism, along with the spectroscopy, the energies of dissociation and combination can be determined for the various molecules.

Present theories can be used only to explain the action of simpler substances such as diatomic gases and the oxides. Through this research,

the alumni corner

Life begins at 74 instead of the proverbial 40, if one takes as a guide the acts of Melville B. Wells, professor emeritus of civil engineering. After lecturing on the subject of aerodynamics for 30 years, he started flying and has just recently been given his private flying license.

— IIT —

Eugene J. Terry, Armour '28, has been promoted to chief fire insurance rater of the Wisconsin insurance department. This is his fifteenth year with the Fire Insurance Rating Bureau.

— IIT —

Herbert Hansen, IIT '42, had his request for sea duty accepted. Prior to that he was promoted to lieutenant, j.g. He is now on submarine duty in the Atlantic.

— IIT —

When a "great outpouring of muck" was found necessary in the filming of a Paramount picture, the job was turned over to Lou Vance, Armour. He created a semi-circular tube, 130 feet long and 31 feet in diameter. He managed to have the great outpouring of muck (imitation mud) deluge Fred MacMurray and Claudette Colbert, who had to work almost continuously in his tunnel.

Such Is Life

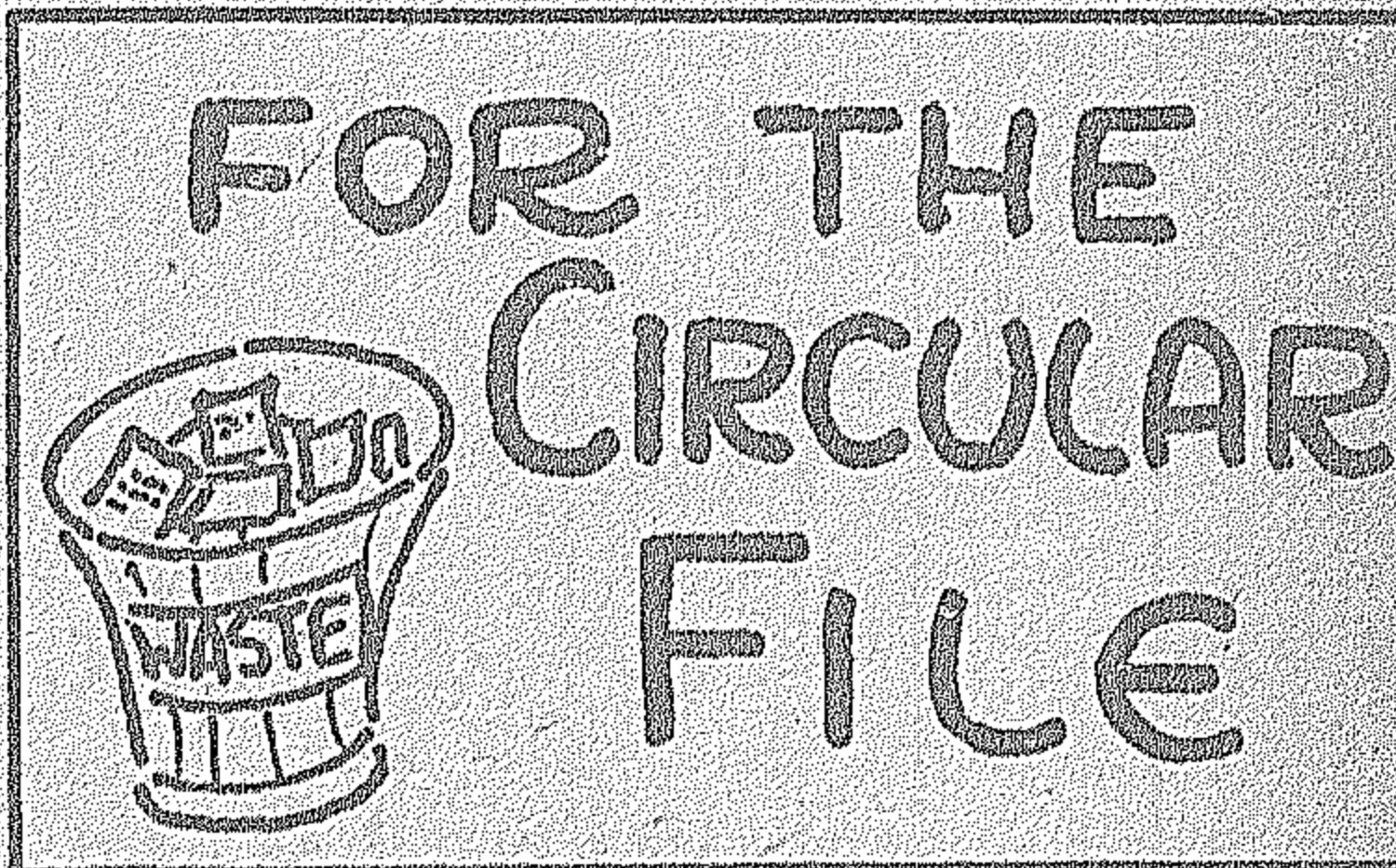
"Be a Trolley Pilot."

It's a plea we are hearing more of, and it tells of a thrilling wartime job with a real future for an engineer. True, Trolley Pilots are still civilians, but they drive a vehicle almost as destructive as a medium tank. Besides they wear a dashing blue uniform which makes them look almost as glamorous as a C.P.O.

It's a thrill to be a Trolley Pilot, too. Ask any Pilot having hours of riding time in his boyhood and he'll tell tales which would chill one's blood—stories of mad races to pass the supervisor's checking route on schedule, and of trips made from the shelter of the car barn in all kinds of weather.

But there's fun in the work too. Think of the joy of careening down Wentworth Avenue ripping the fenders from cars that venture too close. Imagine the thrill in racing a truck to every cross street. If a truck is hit, no Trolley Pilot ever worries, nobody ever wins a damage suit from the company.

Of course some misguided pedestrians come to hate Trolley Pilots. They don't realize the saddistic glee the Pilot finds in passing up a herd of shivering people with a sweet, "empty car just behind."



By A. N. NONNIMUS

This week's article is for the benefit of those who have trouble filling out complicated job application forms. A few of the more difficult questions which arise will be answered herewith. We shall use an actual job application of one of the larger manufacturing companies as our example.

The first space has its heading "Name (Print Here)". This is often misleading and causes a little confusion. If the applicant follows instructions and prints "here" in the space provided, the man's application may be rejected for using an alias, or else he may be called Mr. Here while in the employ of the company. It is catch questions such as this that test even the most alert individual.

Further on, one is faced with the question, "Color of Eyes". The IIT man will always answer "Bloodshot" in the space provided.

Next come two questions, headed, "Birth Certificate Number" and "Other Proof." For some cases, production of a certificate will be accepted as proof of birth, while in other cases, this will not suffice, hence the need of "Other proof". It is difficult to imagine how some budding engineers can prove that they were born and not merely synthesized.

Moving further along, we come to a brace of questions concerning the applicant's citizenship. This includes data on date of entry into the United States, name of ship, and port of entry. If the applicant desires more than normal attention to be paid to his application, he will answer in the following manner: Date of entry: June, 1942; Name of ship: U-boat 117; port of entry: Florida coast under cover of darkness.

Several lines are also provided for the applicant's answer to the following, "Activities 1914-19". There is one obvious answer to this question that cannot be printed.

The heading on another space "List of Titles, Publishers, and Dates of Publication of All Articles Applicant Has Written." Just what the prospective employer will gain by hunting up this author's only published article, entitled "What I Intend to Do during the Summer Vacation in 1934" published in my grade school paper is certainly questionable. But if he must have the information, who am I to stand in his way?

Another question reads "Extra Curricular Activities." While most employers fail to recognize the advantages of sitting in the cafeteria, they are impressed by certain senses that the student can develop while so occupied. Thus a man who enters solemn discourse on the merits of IIT secretaries may be unknowingly preparing himself for a position of personnel director. There is no doubt whatsoever in the minds of his victims that the purveyor of football parley cards is a shrewd financial wizard.

FOUR Rally by Soph Mechs Defeats Jr. Juicers 13-8

**Sr. Mech's #1 Trounce
Soph Juicers 26-0, Jrs.
Lose to Sr. Chems 8-0**

Trailing by 8 points until the last 30 seconds, the Soph Mech's staged a blitz-krieg to defeat the Junior Juicers 13 to 8 in the touchball tournament.

This game seemed to be in the bag for the Juicers until Irv Rebeschini intercepted a pass for the Mech's with less than 30 seconds remaining. On the next play a pass from Tom Kilgariff to Rod Fraser was complete in the end zone. The conversion failed and the score was 8 to 6 still in favor of the juicers with 20 seconds to go.

On the kick-off the ball was fumbled by the Juicers and rolled into the end zone where George Erhart recovered for a Mech tally. The conversion was good and the game ended in favor of the Soph Mech's 13 to 8.

Bob La Cavit's pass to Joe Gleason in the end zone scored the only touch down for the juicers. The other two points were scored on a safety when a Mech fumble rolled out of the end zone. The Mech passing attack was blanketed by the effective blocking of Ulysses Backas and Ed Jallits.

The Junior Civils tied the coops 0 to 0 in one of the most titanic touchball struggles of this or any year. This rough and tumble battle saw-sawed back and forth between the goal lines many times. The Junior Civils held a slight edge over the Coops as most of the game was played in coop territory.

Victory was almost in the hands of the coops when Jack Board intercepted a Civil pas on his own five yard line and ran three-quarters of the way down the field before being overtaken by speedy George Hildbrand. The final outcome of this contest will be decided some time this week.

The upset of the week was the 26-0 whitewash of the Soph Electricals by the Sr. Mech's #1. Displaying heretofore hidden power the Mech's proceeded to methodically shellack the Juicers. The Juicers seemed unable to bring into play their former touchball skill. This defeat eliminated the Juicers from the tournament. The "prima donna" Sr. Chems eked out a 8 to 0 win over the Jr. Chems. The lone touchdown was scored on a pass completion by Gordon Fleischer from Otto Krause.

The standings of the various teams are as follows:

Team	Win	Lose
Soph Mech's	2	0
Sr. Mech's #1	1	0
Sr. Chems	1	0
Sr. Mech's #3	1	0
Jr. Civils	1	0
Coops	0	1
Sr. Mech's #2	0	1
Soph Electricals*	1	2
Junior Electricals*	1	2
Jr. Chems*	0	2
Sr. Electricals*	0	0
Sr. Civils*	0	0

* — Dropped from tournament.
The games for this week are outlined below:

- Sr. Chems (Oliver) vs. Soph Mech's (Ruck).
- Coops (Puchalski) vs. Sr. Mech's (Gow)
- Sr. Mech's #1 (Lenzi) vs. Jr. Civils (Swanson)
- Sr. Mech's #2 (Wern) vs. Soph Mech's (Ruck).
- Sr. Chems (Oliver) vs. Sr. Mech's #1 (Lenzi)
- Sr. Mech's (Gow) vs. Jr. Civils (Swanson)

Oliver stated that game times are still to be arranged by team captains whom are indicated above in parenthesis. He further made known that game scores must be turned in before 5 o'clock Friday.

Basketball to Begin at Lewis Entry Fee Required; Refs to Be Appointed

Plans were drawn for an intramural basketball program at a conference last Saturday in the Lewis gym. The meeting was called by John Dolce, director of Physical Education on the west side campus and captains of the teams already organized attended.

The various problems were discussed and the following points were agreed upon: 1st, all teams entering provide a \$3.00 entry fee; 2nd, that only those specially appointed will be allowed to referee.

The entry fees will be used to purchase medals for the tournament winners, and for equipment consisting of shirts for the officials and the basketball participants.

Dolce expressed the belief that the tournaments would be in full swing this week.

IIT Scores Again



KILGARIFF SCORES—Tom Kilgariff adds another point to IIT's total in a recent game on their new floor in the Valentine Boys Club.

Techawk Five To Play Twice

Playing two games this week, the Illinois Tech varsity basketball team, with two wins and two losses so far, will be trying to climb above the .500 mark. They play North Central at 5 p.m. Tuesday at 34th and Emerald and travel to Concordia Saturday night.

North Central will probably be the chief barrier in the Techawks path, since Illinois Tech hasn't beaten them in several years. Last year, the Techawks lost a close one 36 to 31 in their only meeting.

Concordia did not prove so troublesome to IIT last year as did North Central. In their two meetings, Illinois Tech beat Concordia both times, 63 to 53 and 44 to 42.

Junior Mech's No. 2 Take IM Bowling Lead; Petronis Has 228 High Game, 640 Series

Last Friday saw a dark horse, the Junior Mech's #2, wrest the lead from the Senior Chems in the red-hot race for intramural bowling honors, to do this, they swept all three of their games with the Senior Civils #2. Angelo Angelus did his part for the winners by totaling 521 for three games.

Dropped to second place, were last year's winners, the Senior Chems. In winning two games from their opponents the Senior Mech's, Al Petronis, of the Chems hit 200 and had 506 for his series.

The Junior Mech's #1 solved the secret of Wiesner's alleys in two of their games with the Soph Chems. Russ Boettger of the Mech's got a 205 and 518 series while his teammate, Jim Polak, fell just short of

him with 203 and a 513 series. Holding high game and high series in the tournament, is Al Petronis, who last week, put together games of 207,205 and 228, for a series of 640. His team, the Senior Chems, won two games from the Junior Chems, missing a clean sweep by four pins.

Scores for last week:

Junior Mech's #2	705	745	814-2264
vs.			
Senior Civils #2	608	711	642-1956
Senior Chems	737	711	774-2222
vs.			
Senior Mech's	637	756	760-2150
Junior Mech's #1	664	843	774-2281
vs.			
Soph Chems	686	723	752-2161
Senior Chems	733	772	861-2366
vs.			
Junior Chems	737	613	655-2005

STANDINGS

	Won	Lost	Pct.
Junior Mech's #2	5	1	.833
Senior Chems	7	2	.778
Senior Mech's	4	2	.667
Junior Mech's #1	4	5	.444
Junior Chems	1	2	.333
Soph Chems	2	7	.222
Senior Civils #2	1	5	.167

IIT Tankmen Travel To George Williams

On Thursday, the Techawk swimmers will swing into action in their initial performance of the season. The meet will be held at George Williams College against a team composed largely of Navy V-12 trainees.

With their own team bolstered by the turnout of several V-12 men and backed by four returning lettermen Tech is looking forward to a highly successful campaign. As yet a complete schedule has not been formulated, but attempts are being made to obtain meets with most of the schools in the Chicago section.

Sadly needed on this year's squad are men who can swim the somewhat difficult breast stroke. In the backstroke and freestyle divisions the tankers will be paced by Bob DeBoo, Glen Seegers and Elliot Gage, the latter two being the freestylers. All are returning letter men along with Johnny Tregay who was one of the leading point makers last year.

Varsity Cagers Beat Chicago Teachers 58-30

**Neiswander, Fleischer
Lead Techawks to Win
In Display of Speed**

Displaying the speed and shooting ability which has been predominant in practice sessions the Techawk cagers swamped the Chicago Teachers College 58-30 last Wednesday. Getting off to a fast start for the first time this season they had a commanding lead of 19-11 at the end of the first quarter.

Five new men took the floor at the start of the second quarter and proceeded to build up the lead to 27-14 at half time. The third quarter saw the starting team set the same torrid scoring pace and pile up nineteen more points. Seaman Glen Neiswander was responsible for eleven of these as he threw in five buckets and one free throw. By virtue of this burst of scoring he took high point honors for the game with a total of twelve. He was closely followed by center Gordon Fleischer who scored eleven points, most of them coming on rebounds which he tipped in.

Mike McLaughlin and "Chick" Zomlefer of Chicago Teachers matched Neiswander's total as each accounted for twelve of his team's thirty points.

Again, however, the inability of the team to make free throws was apparent as out of twenty four charity tosses they made only ten. Thus for this season they have hit for twenty eight out of sixty four.

BOX SCORE

I. I. T. 58	C. T. C. 30
fg ft p	fg ft p
Kilgariff (f) 3 1 0	Pelta (f) 1 1 2
Neiswander (f) 5 2 0	Comphor (f) 0 0 1
Fleischer (c) 5 1 1	Dykeman (f) 0 1 4
Puchalski (g) 2 1 0	McLaughlin (c) 6 0 2
Longe (g) 2 0 2	Zomlefer (g) 5 2 3
Kidd (f) 3 2 1	Cosgrove (g) 0 0 4
Backley (f) 0 0 0	King (g) 1 0 1
Granum (f) 1 1 0	Pesckerman (f) 0 0 0
Koci (c) 2 0 3	Schwartz (f) 0 0 0
Oldshue (c) 1 0 0	
Cavin (g) 0 1 0	
Roberts (g) 0 1 0	
Oliver (g) 0 0 0	
Zdravetz (g) 0 0 2	
Kunicka (f) 0 0 1	
Dunning (f) 0 0 1	
Basick (g) 0 0 0	

Free throws missed: Kilgariff 4, Oliver 3, Kunicka 1, Neiswander 2, Kidd 1, Granum 1, Puchalski 1, Pelta 3, McLaughlin 2, Dykeman 1, Zomlefer 5.

Matmen to Hold Return Match

The wrestling team will travel to George Williams College tonight, to return the V-12's visit of two weeks ago. After this meet, the schedule will be tentatively as follows:

- IIT vs. Wheaton—Dec. 17—here (tentative)
- IIT vs. Navy Pier—Dec. 21—here
- IIT vs. Navy Pier—Jan. 14—there
- IIT vs. Wheaton—Jan. 10 (tentative)

IIT vs. Wheaton—Feb. 19—here
One meet a week is being planned for January. The Seahawks of Iowa City may be an opponent if travel problems can be solved, according to Coach Bernard Weissman.

Film on Reclaiming of Rubber Shown to AICHe

"Rubber Reborn," a film on the processing of reclaimed rubber at the Midwest Rubber Co., was shown at the meeting of the AICHe last Friday.

After their touchball game with the Junior Electricals, the Soph Mech's certainly deserve to be "The Team of the Week." Their win after being behind 8 to 0 with only 30 seconds to play was due in large part to their determination to win and their never say die spirit. The details are related on another part of this page. One interesting sideline isn't told, however.

As the Mech's lined up for the kickoff with 15 seconds to go and still behind by two points, they decided to try the only play that might give them a chance to score again. Since the kicking team recovers a kickoff if it goes beyond midfield even if the other team doesn't touch it, the Mech's planned to make a short, high kick and recover it themselves before the Juicers downed it. To clear up all doubt about the rule and prevent an argument the Sophs told the referee of their intended plans. Their strategy went awry, though, as the kick went deep into Electrical territory.

The Juicers at first decided to let the ball roll, but seeing it was going to end up in the end zone, they got panicky and one of the Juicers touched the ball. The Mech's were right down on the ball by this time and in the scramble, George Erhart fell on it in the end zone for a touchdown. The like of this game hasn't been seen for some time on Ogden Field.

The coming basketball game between the Armour and Lewis sophomores is the first intra-campus contest for two semesters. The game between the two campuses was last fall when the Lewis All-star Touchball team played the Armour All-stars. If enough interest can be worked up over this game, more such games can be planned. Contests of this type can go a long way in more closely uniting the two campuses.

Intramural basketball is confronted with many problems this season. The major one is a lack of gym facilities. The Navy has the Gym almost all day and the boxing and wrestling teams have the Gym three days a week. There was some thought of using the Valentine Boys Club, where our varsity basketballers work out, but the intramural managers decided that very few players would travel over there for their games. With these conditions confronting the tournament, the outlook for a basketball tournament is not very bright.

When Illinois Tech played Chicago Teachers last Wednesday, the Techawk scorekeepers were in an enviable position. It seems that the manpower shortage at Chicago teachers is so acute that they have to have a feminine scorekeeper this season.

YOUR DRAWINGS COME CLEAN!

Microtomic Van Dyke Drawing Pencils with **HI-DENSITY LEAD** lay a thin but extremely opaque graphite line on your tracing or drawing paper. Result... clean, sharp definition without smudging. Sharp contrast for good reproduction. With **ACROTOMIC VAN DYKE**, your drawings come clean!

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Research Foundation Finds Method to Photograph 2000 Pictures per Second

Photographing 2000 pictures per second is a recent accomplishment of the Armour Research Foundation. This is achieved with the use of a 16mm compensating lens motion picture camera.

Five other methods used for high speed photography at the Research Foundation are: (1) 35 mm flash motion picture camera, (Edgerton), capable of taking up to 1000 pictures a second; (2) 16 mm stroboscopic motion picture equipment operated in conjunction with a standard type 16 mm camera; (3) single exposure micro-flash still photography employing a Kodatron flash lamp; (4) multiple-exposure still photography which uses a series of microflashes at short intervals to stop a given movement at many instants in its course; (5) shadow or schlieren photography.

There are seven commonly known means of photographically studying rapid motion exclusive of oscillographs, photoelectric devices and recording meters of various kinds.

The two primary reasons for this development in the field of photography at the Foundation are to provide an additional research tool for use in both applied and fundamental investigations and to present a further service to industry.

In the former, high speed photography has been the means of gathering basic data on air and fluid movement, impact studies, and transient vibrations analysis.

AXE Holds Smoker, Issues Newsletter

Ping pong, refreshments, group singing and card games were the high lights of the Alpha Chi Sigma smoker held last Wednesday night in the Student Union Lounge. The first issue of the new fraternity publication "Alpha Psi Psighs", was distributed then.

Faculty members who attended were Dr. Edward Bicek, Dr. Vasili Komarewsky, Dr. Bruce Longtin, Dr. Ralph Peck, and Harvey Taufen. Dr. Friedrich Richter of the English department was also present.

Paul Fox Now Stationed At Camp Wheeler, Georgia

Former manager of the bookstore, Paul Fox, is now undergoing his basic training at Camp Wheeler, Macon Georgia. Fox entered the army three weeks ago and was sent to the Fort Sheridan replacement center.

His complete address is not yet known, said Jim Anderson, new manager of the bookstore.

Dance Club to Offer Lessons

Dancing instruction will be given at the Dance Club meeting next Wednesday. The instruction will begin at 5:45 p.m. and will continue for one hour stated Tom Dressler, president of the club.

Dressler also said that students who wish to receive instruction must obtain membership cards from him. These cards will admit the men to the period of instruction next Wednesday and to the two to be held in the future.

A half hour each of beginning and advanced lessons will make up the hour of instruction. Girls from nearby hospitals, St. Xavier's College, and Chicago Teachers College have been invited to attend the instruction and the free dancing that will follow.

Faculty Directory To Be Ready Soon

A new faculty directory is about ready for publication, according to Dr. Charles W. Kepner, registrar.

Dr. Kepner stated that a few members of the faculty have not yet reported their addresses and positions to his office, but that as soon as they do this the directory will go to press. He urges members of the faculty who have not yet reported these items to this office to do so immediately.

The new directory will contain the addresses, the positions held, and the degrees earned by the members of the faculty, the Research Foundation and the Gas Institute.

It will not contain the names and addresses of the students as directories in the past have done. This is because the student population is constantly changing and hence the directory would be obsolete in a few weeks, Dr. Kepner pointed out.

Technology News Staff Is Now Largest in History of Paper

Fifty-seven varieties! No, not Heinz' 57 varieties, but *Technology News'* 57 varieties, but *Technology News'* 57 in all, is now the largest in the history of the paper.

Furthermore, every one of the 57 has to work to maintain his position on the staff. In fact, all but six are taking journalism, a prerequisite to membership on the staff of *Technology News*.

The 51 students now enrolled in the journalism classes, which are taught by Paul O. Ridings, director of the News Bureau, represent a phenomenal growth for this activity. Journalism classes were just inaugurated at IIT last term and were made compulsory for anyone who wanted to work on *Technology News*.

At the beginning of the last term, 24 "pioneers" enrolled and made up the staff of *Technology News*.

Ridings is teaching three journalism classes, two at Armour and one at Lewis. Beginning courses are being given at both colleges, and an advanced one is in progress on the Armour campus.

Seventeen Armour students are now enrolled in the advanced course, Journalism II. Journalism I has 34 enrolled, 23 in the Armour section and 11 at Lewis. Each class meets

for one hour of lecture each week and all class assignments are work on *Technology News*. The journalism courses carry one credit in English.

The only members of the *Technology News* staff who are not students of journalism are James Harris, Rey Berggren, James Drain, Ronald Lind, Bissell Smith, and Lou Wengel.

Drain, a member of the Lewis staff, has already studied journalism at Northwestern University. Wengel is advertising manager, and Barris and Lind are cartoonists while Smith is the author of "Slipstick."

Berggren, the photography editor, was elected to this position three weeks ago by the managing board. At the suggestion of the newspaper, Armour Eye accepted as a club project the task of providing picture coverage for the paper and in this connection Berggren was named to the post.

An unusual fact about the journalism classes is that one department predominates in each respective class. The Armour Journalism I class is 64% mechanicals, the one at Lewis is 64% chem majors while the advanced course is composed of 39% chemical.

January 29 Is New Hockey Hop Date

The Hockey Hop will be held on January 29 at the Columbia Yacht Club, Jack Eulitt, captain of the team and chairman of the dance committee, stated today.

A band has not yet been signed to play for the affair, Eulitt said, but the team will probably use an outside band rather than the Navy unit which was slated to play for the dance on the original date, Dec. 22.

AIEE Holds Meeting; Discusses Education

The question of how engineering education can be improved to raise the status of the engineer in social life was discussed at the meeting of the AIEE held last Friday.

The discussion was centered upon Dr. William E. Wichenden's paper "The Second Mile" which stresses the importance of liberal art subjects in an engineering curriculum. Alexander D. Bailey, vice-chairman of the IIT board of trustees, led the discussion.

The meeting was attended by 70 students.

Telephone Operator Is Ill

Miss Mollie Gusic, head switchboard operator of the south campus, was confined at home in bed with an attack of influenza, last week. She hopes to return to work next week, Miss Rhoda Weitzmon, of the Lewis switchboard assisted on the Armour board during Miss Gusic's absence.

Tech Time Table

Monday, Dec. 13
 7:00 p.m.—SCMP—East Dining Room
 7:30 p.m.—Chicago ASME—Central YMCA College

Tuesday, Dec. 14
 3:30 p.m.—IAeS—214 Chapin
 4:30 p.m.—ITSA—East Dining Room

Wednesday, Dec. 15
 5:30 p.m.—Alpha Chi Sigma—405M
 5:45 p.m.—Dance Instruction—Auditorium

Friday, Dec. 16
 2:30 p.m.—Math Club—214 Chapin
 7:30 p.m.—Television Broadcast—Rho Epsilon Quarters

Saturday, Dec. 18
 8:00 p.m.—Sophomore Party—Lounge and Auditorium
 8:30 p.m.—Graduate Club Dance—Hamilton Hotel

I.I.T. BARBER SHOP

Located in Basement of Quarters #2

Phone: Calumet 2814

CIVILIANS CAN GET HAIRCUTS OR SHAVES

Every Monday, Tuesday & Wednesday

Appointments will be appreciated so as not to conflict with Navy personnel

(FORMERLY THE GRADUATE HOUSE) SHOP WILL BE OPEN DEC. 21 TO 24 FROM 8:30 A.M. TO 8:00 P.M.

Have a Coca-Cola = ¿Qué Tal?

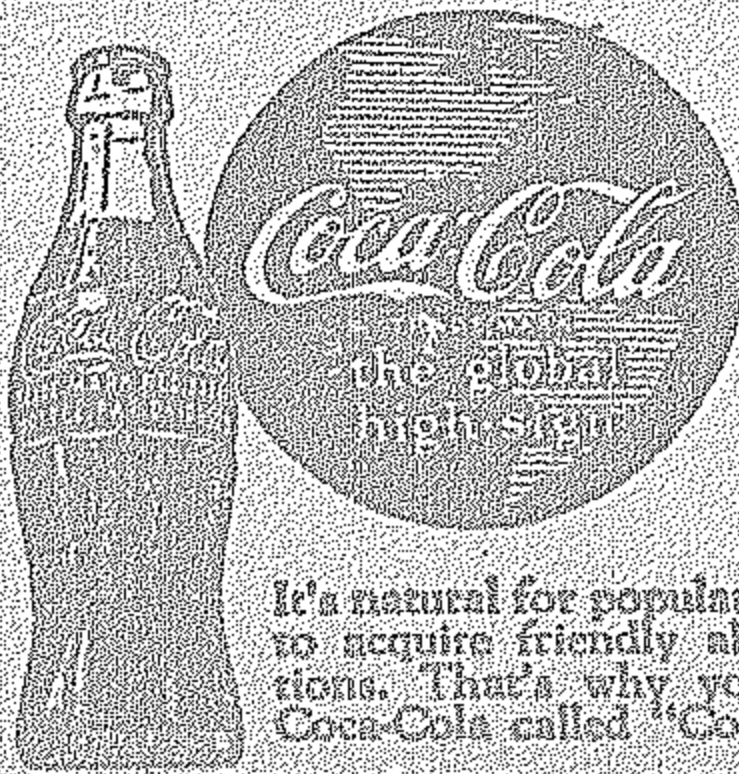
(WHAT'S UP?)



... in Panama as in Pittsburgh

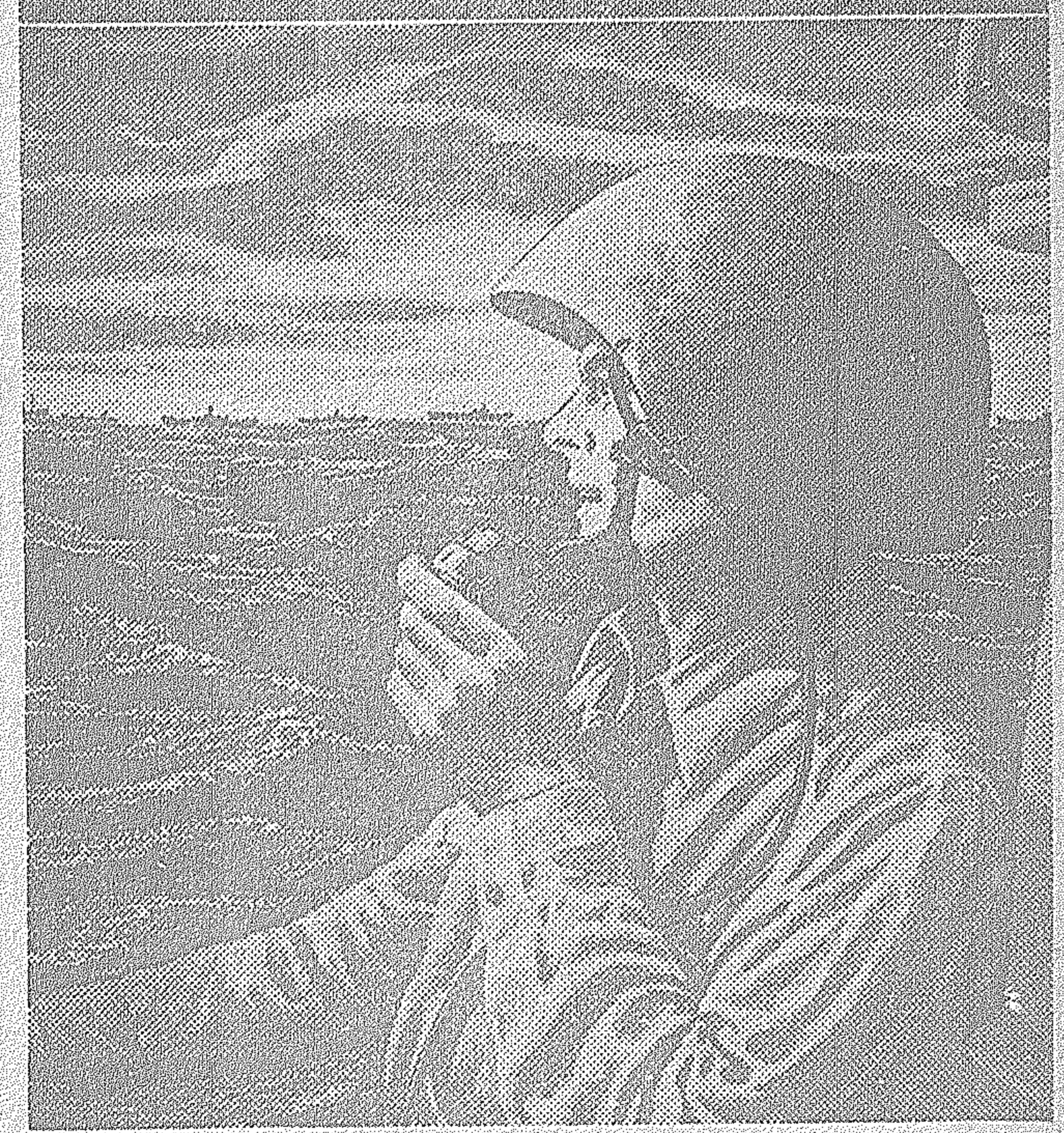
¿Qué tal? is the friendly *What's up?* of the citizen of Panama. Equally cordial is the *Have a "Coke"* of the American soldier. Around the world Coca-Cola stands for the pause that refreshes,—has become the high-sign of friendly-minded folks.

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It's natural for popular names to acquire friendly abbreviations. That's why you hear Coca-Cola called "Coke".

Fighting the wolf pack!



THIS Coast Guardsman stands watch over the convoy—telephones warnings that keep it in protected formation—helps to get fighting men and fighting equipment through to their destination.

On every battlefield—at sea, on land and in the air—telephone and radio equipment made by Western Electric is seeing plenty of action.

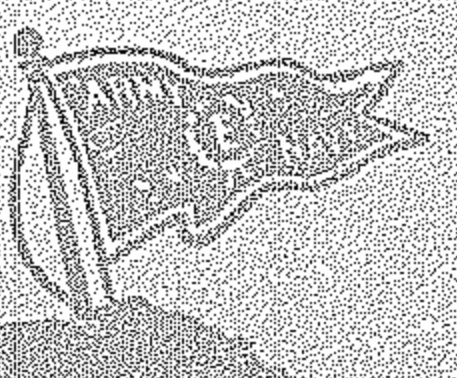
For 61 years, this Company has been the manufacturer for the Bell Telephone System. In the important war work that Western Electric is doing today, college graduates—men and women of varied abilities—are finding opportunities to serve their country well.

Buy War Bonds regularly—from now till Victory!



Western Electric

IN PEACE...SOURCE OF SUPPLY FOR THE BELL SYSTEM. IN WAR...ARSENAL OF COMMUNICATIONS EQUIPMENT.



Dance Planned For Journalists

Members of *Technology News* and the Integral staffs will be invited to a dance on January 29 to be sponsored by Pi Delta Epsilon, honorary journalism fraternity. The dance will be held in the lounge of the Student Union, said Ted Pilat, chairman of the dance committee. Music will be furnished by records.

The next meeting of the fraternity will be held on Wednesday at 5:30 p. m., Dec. 22, in the *Technology News* Office.

National Magazine Praises Work of Mies van der Rohe

The Metals and Minerals Research Building, first completed unit of the IIT development program, was recently praised for its "simplicity of structure and materials" by "Architectural Forum", national architectural magazine.

In a three page article last month, the magazine printed a description of the building, with illustrating photographs and blueprints. The building was designed by Ludwig Mies van der Rohe, head of the architectural department of IIT, and is the first example of his work in the United States.

According to "Architectural Forum", "There is much design interest in the building. Details of construction have been worked out with the utmost care."

Mies van der Rohe has received other favorable comments on the design, including a letter of approval from the architect of Radio City, Rockefeller Center, New York.

Sophs to Battle Sophs on Tuesday

Accepting a challenge from the south campus sophomores, the Lewis sophomore basketball team will battle Armour in the Lewis gym at 1 p. m., Tuesday.

The Lewis sophomores have been playing each other all semester, the 2A's against the 2B's with the two teams about equally matched, judging from the records. On the south side campus, the sophs have only had one official game, beating the freshmen 75 to 50.

More games between these various Lewis and Armour basketball teams will be planned if this first venture proves successful, announced James Oldshue, sports editor of *Technology News*.

New Gym Instructors Added to Navy Staff

First Class Petty Officers Louis Abod and Carl Mueller have been added to the ship's company stationed at Illinois Institute of Technology. They will assist the officers in the physical education department. Mueller and Abod graduated a few weeks ago from the physical instructor's school at Bainbridge, Maryland.

Mueller was an all-conference football player. He attended Iowa State Teachers College and Northwestern University. In civilian life he was in the Real Estate Business.

Abod played professional football. Before he enlisted in the navy he was a YMCA physical education director. He also coached baseball and basketball teams.

INTEGRAL QUEEN

(Continued from Page 1)

mand, it was impossible to provide table service for all, Coccia stated; but those who were forced to sit in the beautiful lounge were not heard to complain.

The next dance will be held in the latter part of February, Coccia announced. Arrangements will be made to handle a large crowd, Mike said, now that Tech men have demonstrated their enthusiasm for such social affairs.



Garf: "Last night she told me that I was the salt of the Earth!"

Herb: "Don't let her kid you, Moe, she says that to all the gobs who haven't been to sea!"

V V V

"That sailor just asked if I would like to take his good looking girl out tonight. Is he out of his head?"

"No, out of money."

V V V

"And are you satisfied with married life?"

"Yes, I've had enough."

V V V

Did you hear about the dame who was thrown out of a nudist cult because she had a coat on her tongue?

V V V

There's a student, who has enrolled at Harvard, who has a wife and five children. It is hoped he will receive no further hazing.

V V V

It was the night before Christmas and everybody was feeling Merry so "Mary" went home.

V V V

"Marriage," said the philosopher, "is like a railroad sign. When you see a pretty girl you stop; then you look and after you're married you listen."

V V V

Young Man (at teller's window): Would you mind looking up my balance? I've been in love a couple of weeks.

V V V

During the Civil War a soldier accosted a Southern girl and asked her to go walking with him. "Is you from the 6th Ohio?" she asked.

"No," said the soldier.

"Or the 12th Massachusetts?"

"No."

"Or the 69th New York?"

"No."

"Then Ah's sorry," said the wench, "but Ah káin't go walkin' with you. Ah's true to dem regiments and dem only."

V V V

"Say, you seem to know a lot about love!"

"I should say so! I've been a taxi driver for years."

V V V

"If brevity is the soul of wit, then my girl's dress is funny as hell, and I can see through the joke."

V V V

Isn't your son awfully small to be a soldier?"

"No, he's in the INFANTRY."

V V V

"There are two sides to every question."

"Yes, and there are two sides to a sheet of fly paper but it makes a big difference to the fly which side he chooses."

V V V

The roadster skidded around the corner, jumped in the air, knocked down a lamp-post, smacked three cars, ran against a stone fence, and stopped. A girl climbed out of the wreck. "Darling," she exclaimed, "that's what I call a kiss."

V V V

There was an old maid that insisted that her mama cat never leave the house at night. Last winter she took a southern cruise and wrote home, "Im having more darn fun...met a swell gentleman on the boat. P.S. Let the cat out tonight."

V V V

It is a good thing we don't have engineers taking home economics courses; Ch.E.'s would probably end up with case-hardened biscuits.

That's all fellows,
Biss ("Snuffy") Smith

News of Fraternities and Sororities

Pi Kappa Phi Holds Informal Initiation

Informal initiation into Pi Kappa Phi was administered to nine pledges last Thursday. The pledges, Ray Churan, Clarence Weeks, Ed Jallis, Leo Polivka, Norbert Polivka, Allen Dimoff, Raymon Olson, and apprentice seamen George Schober and Alfred Roberts, will be formally initiated into the fraternity next Sunday (Dec. 18). The initiation will be held at the home of John Sachs.

Pi Kappa Phi will also hold a meeting at Armour next Monday Dec. 20 in 202 M.

Sixteen a Day Find Vocational Guidance

Sixteen applicants a day are now being accommodated by the Human Engineering Laboratory. In three months the number of aptitude and vocational guidance tests given each day has increased from four to the present 16. Children, students, and business men alike are among those tested.

The laboratory's staff has also been expanded correspondingly. Ten assistants are on the staff where once served John M. Howe, formerly an associate director and now an ensign at the Hollywood Air Navigation School.

Emergency First Aid Kit Purchased

A large emergency first aid kit and two stretchers have been purchased by the Student War Council.

A bulletin sent to the faculty by the council stated that this equipment will take care of any emergency that might possibly occur at the Institute and may be found in the closet of the information office in main building.

The key for this case is kept with the switchboard operator.

Daedalians to Hold Pledge Dinner Today

Daedalians are starting their rushing with a pledge dinner at 4:30 p. m. at the Duncan YMCA today. Honored at the dinner will be Paul Jensen, Richard Flaskemp, James Kordig, Glenn Marsh, Darwin Schmidt, and Richard Skibbens. Pledgemaster Willie Weld expects an active rush period following the dinner.

Book Published on Argentina Survey; Study Presented to Trade Corporation

The result of 25,000 miles of research travels during the entire year of 1942 through the jungles, deserts, mountains, cities and Patagonian plains of Argentina is a 400 page volume on the "Technological and Economic Survey of Argentina".

During the trip over 4,000 feet of natural color motion picture film were consumed.

Research project No. 1-143 of the Armour Research Foundation, this extensive study is being presented to the Argentina Trade Promotion Corporation. This corporation is believed to be the first case of a co-operative movement between a government and private business, where the government finances operation and private business provides merchandising experience. It is an organization which seeks wider export markets for non-competitive raw and finished products of the Argentine.

Established by a decree of the Argentine government, in May 1941, the ATCP began operation in June 1941 and opened offices in New York

Three Men Pledged To Sigma Alpha Mu

Norbert Glasser, Meyer Gilden, and Felix Rosenthal were recently pledged to Sigma Alpha Mu.

Glasser is an entering freshman this semester. Gilden, a junior, is a transfer student from Wilson Junior College. Rosenthal is in his sophomore year at Illinois Tech. The pledging took place in the fraternity's newly decorated chapter house.

in August 1941.

The three purposes of the survey, which was made possible through the cooperation of the U.S. Department of State and the government of Argentina, are: (1) to take to Argentina the technology of the United States; (2) to discern new methods of industrialization applicable to Argentina; (3) to seek opportunities to tap new resources.

Dr. Frances Godwin, assistant director of the Foundation, headed this group. He has spent a great deal of time during 1943 compiling and editing the data of the survey for the 16 chapter volume.

Perhaps one of the most interesting of the recommendations of the report is the proposal to establish an Argentina Research Foundation similar to the Research Foundation on the IIT campus.

For the best girl friend—

DIAMOND ENGAGEMENT RINGS AND JEWELRY

Spies Brothers, Inc.

27 E. Monroe St.
Chicago, Ill.

Manufacturers of official
I.I.T. Jewelry
Reliable Since 1873

MILO WIESNER RECREATION
823 W. 35th STREET
Yards 4322
20 BOWLING ALLEYS
16 BILLIARD TABLES

ESMWT Erects Cicero Building

Adding to the growing IIT campus, a new ESMWT building is being erected in Cicero, revealed W. J. Parduhn, superintendent of maintenance and grounds.

This new unit is being built at 4710-12 W. Cermak Road. It will serve as an extension of the electrical and mechanical engineering departments for instruction in the ESMWT program. The building is situated across from the Western Electric Co., and is accessible to the employees of this and other industries in the Cicero area.

The ESMWT building will occupy one floor and will include two laboratories, four class rooms and two conference rooms. The courses to be offered include foreman training, mathematics, engineering, radio, electronics, inspection and ultra high frequency technique.

Parduhn stated that work on the building will be completed in four weeks.

Twenty See Movies In Public Showing Of Television Here

The first public television demonstration conducted by Rho Epsilon last Friday night was witnessed by twenty members and guests.

The program was highlighted by several novel movie shorts. The reaction of the audience was expressed by Robert Adelson. Said Adelson, "It was a very interesting experience for me, and I feel it will be a welcome addition to home entertainment in the future."

Before the broadcast, Robert Mueller spoke on the principles of television.

While this broadcast was going on, several members of Rho Epsilon attended the actual performance in the Balaban & Katz studios.

The second public demonstration will take place next Friday evening.

Psychological Devices Exhibited by Boder

Illinois Tech's psychological museum held open house twice during the last two weeks. On Nov. 31 and Dec. 7, Director David P. Boder exhibited some of the machines and methods used in psychological measurements.

Also featured were a lecture by Dr. Boder and a movie on experiments concerning fatigue conducted at Harvard University. It was possible for the spectators to test themselves with some of the machines, which many seemed to enjoy.

The audience was largely made up of students from De Paul University and both campuses of IIT. Some business men were also present.

Graduate Club to Hold Dance This Saturday

The Graduate Club will hold a dance Saturday Dec. 18, at the Hamilton Hotel, 20 S. Dearborn. This has been announced by President John Volakakis, and he urges all graduate members to attend. Refreshments will be served.

CO-OP ANNOUNCES NEW BUSINESS HOURS

4th Floor—Chapin

MONDAY.....1:30 to 4:20
TUESDAY.....9:30 to 4:20
WEDNESDAY.....12:30 to 5:20
THURSDAY.....9:30 to 5:20
FRIDAY.....9:30 to 5:20

New Drawing Supplies
Are Now Available

CO-OP BOOKSTORE
Cut this out for future reference.