

A GREAT deal has been said about bad manners the last few weeks, but it apparently has had no effect. The impression Franklin P. Adams formed about Techmen must have been pretty poor. Students got up and left while he was speaking, others stood at the rear of the auditorium with their hats on. I wouldn't be surprised if he said to himself "What a bunch of bums" and this goes for both navy and civilian students TO TOP things off some poorly brought up students were playing the juke box in the Lounge and the music could be heard in the auditorium. These men were asked by Lt. T. Martus, athletic officer, to please cut off the music and they were very insolent and disrespectful. The navy officers are considered a part of the faculty and should receive the same respect that is due to faculty men. One just has to look at a typical college attitude towards these things. The president of the institution enters a student assembly. Everyone rises en masse in respect to him. A noted speaker delivers an address, everyone remains seated and quiet through the talk out of respect for him.

THIS IS what should happen. Are Techmen a group of coarse individuals? They shouldn't be. Development of character is a prime requisite for success in industry. Maybe these men act that way at home. Whatever causes this display of poor manners, I don't know; but I do know that a lot fellows here should get next to themselves.

THE DANCE held last Wednesday at Chicago Teacher's college has been greatly discussed because of the fact that IIT students were charged fifty cents admission to the basketball game. Many people have said that this was unjustified because we furnished half the refreshment money and the band for the dance which followed the game. The truth is, and this was confirmed by the sophomore class president, the social and athletics groups at CTC are separate organizations. The athletic policy of that school and this is that the home team has the right to charge an admission fee which they retain. Admission to the dance was free as was previously planned.

FOR MANY years *Technology News* has expressed in its editorials and cartoons a need for a revision of the registration procedures. Every registration I have taken part in has been a long drawn-out, fouled-

(See AS I SEE IT on Page 5)

TECHNOLOGY NEWS

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ILLINOIS INSTITUTE OF TECHNOLOGY

February 5, 1946

Commissioning Will Take Place At Graduation

Approximately Eighty Naval Trainees to Be Made Ensigns in USNR

Eighth term naval trainees will receive their commissions as ensigns at commencement, President H. T. Heald and Capt. D. McGregor announced today.

According to present plans eighth termers not receiving degrees will be seated to the rear of the graduating seniors. There will be approximately 80 men commissioned. This class encompasses men who came to Illinois Tech with the original contingent of navy students in July of 1943.

President Heald stated that, in addition to being an innovation in Illinois Tech commencements, the commissioning will be a colorful addition to graduation. Commencement will be held at the Museum of Science and Industry at 57th and the Outer Drive. Dr. Ernest C. Colwell, president of the University of Chicago, will be the commencement speaker.

Dance Band to Play For Valentine Party

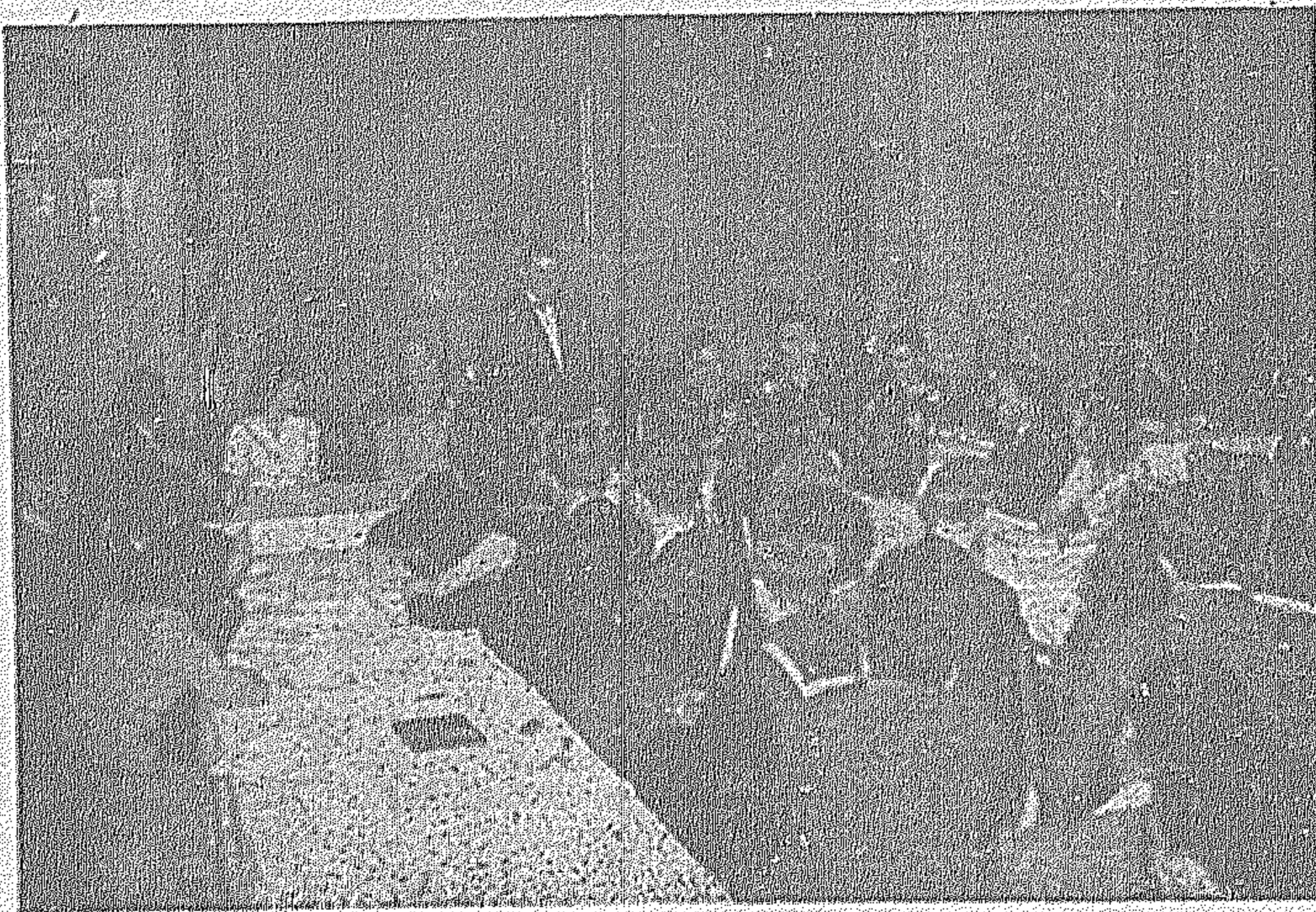
The all school Valentine Party, to be held a week from next Wednesday, is to be sponsored jointly by the Chicago Teacher's College and Illinois Tech's 4-B Senior Class, according to A/S Al Kukral, 4B social chairman. Dancing to Bob Harmon's band in the Student Union auditorium, card playing in the lounge, and refreshments are being planned.

There will be no admission charge and both couples and stags are invited. As additional entertainment, Dramatech, the dramatic organization on the campus, will present its first production effort since its recent re-organization, a one-act play entitled "Good Night Please".

4A Senior Meeting Friday

There will be a 4A senior class meeting this Friday in the Student Union auditorium at 11 a.m., said A/S Robert Browning, class president.

Journalist's Banquet



NEWS COMMENTATOR—Robert F. Hurleigh, WGN news analyst, is shown above addressing the Pi Delta Epsilon—*Technology News* banquet held last week. He explained the differences in reporting for newspapers and for the radio.

Hurleigh Upholds Freedom of Press at Journalists' Banquet

"Freedom of the press is a torch that must be kept lit and held high," said Robert F. Hurleigh, director of the WGN news room, in an address before 85 members of *Technology News* and other IIT publications at the annual journalism banquet held last Wednesday in the Lawson YMCA.

Hurleigh was the guest speaker on a program that included the initiation of five men, including Hurleigh, into Pi Delta Epsilon, National Journalism fraternity; the introduction of the staff of *Technology News* and their guests, and comments by various members of *Technology News*, the faculty and the administration.

Hurleigh preceded the above statement with, "To those of you who wander from the profession of engineering into Journalism I hope that you will join with newsmen of the press and radio who have been striving for a complete and lasting freedom of the press."

In another phase of his address Hurleigh warned of the mounting crime rate since the close of the war. "In the past 90 days the number of crimes has equaled those committed in the preceding 18 months," he emphasized. "We had been warned in the middle of the war, about 1943, by J. Edgar Hoover, that a crime wave would occur when the war ended."

Hurleigh attributes the increasing number of crimes to the large number of returning soldiers.

(See HURLEIGH on Page 6)

Architectural Dept. Will Occupy Different Site

IIT will have expanded facilities at their Downtown Center for the forthcoming semester, according to President H. T. Heald. The entire tenth floor of the Champlain Building, located at 37 South Wabash Ave., will be occupied by the architectural department. This will be in addition to their present quarters at 18 South Michigan Blvd. Since the enrollment in architecture has boomed since last semester, the additional space will be used as drafting rooms and offices.

The entire eighth and eleventh floors at 18 South Michigan Blvd. were occupied last October when the West Campus at 1951 West Madison St. was closed. This space is used by the home economics department which occupies the eighth floor, and the Psychological Services, Veterans Administration, and the architectural department which occupy the eleventh floor.

The facilities of both downtown locations are modern and efficient. One of the things which will catch the students' eyes at the latest addition will be the view of Lake Michigan.

Bids Go on Sale Today For 4A Senior Farewell

Bids to the 4A Senior Farewell go on sale at noon today, according to Robert Browning, president. There will be 100 tickets and the affair will be limited to that number. The date is Friday, Feb. 22, the evening before graduation, and the place is the "M & M" Club of the Merchandise Mart. A poll of the senior class has determined that the affair will be semi-formal.

The orchestra has not yet been selected, according to A/S Jack Pecoek of the social committee. The upper limit of bid price has been set at eight dollars.

Alpha Chi Sigma Initiates Seven Pledges at Banquet

Alpha Psi Chapter of Alpha Chi Sigma fraternity initiated seven men last Sunday afternoon in Chapin Hall. The new members are: Dr. George Gibson, Ed Gauger, Bob Zilligen, Martin McCormack, Don Stuart, Dick Anderson, and Ted Fudacz.

After the initiation ceremony, the fraternity met for the customary initiation banquet. A special guest was Mr. Ronald Warren, district counselor for the Alpha Psi Chapter.

Each Navy Quarters to Have Salesman For Integral; Orders Taken in Payline Today

Quarters salesmen for the 1946 Integral were announced today. They are Ray Olson, Quarters #1; Al Bourdon, Quarters #2; Dave Hoffman, Quarters #3; Fred Travis, Quarters #4; Jona Cohn, Quarters #5; Jerry Evert, Quarters #6; and Chuck Hatstat, Quarters #7.

Navy Plans Ten Day Between Term Leave

Leave for V-12 and NROTC trainees will tentatively begin on March 1 and extend to March 11, Capt. D. McGregor stated today.

Due to special arrangement with W. E. Kelly, registrar, trainees will register and obtain instructional equipment on March 1 instead of on March 5 as originally planned. This arrangement was made by Capt. McGregor in keeping with his policy of obtaining maximum leave for the trainees. He emphasized, however, that all arrangements are tentative and subject to change.

Capt. McGregor also stated that liberty for Washington's Birthday, February 22nd, will commence at 5:00 p.m. on February 21st and terminate at midnight on February 22nd.

Many Changes Will Take Place In Registration

Senior Students Will Advise New Freshmen Navy to Register Early

As of March 1, many changes will take place in the registration procedures followed in previous terms, according to John F. White, dean of students.

In order to eliminate the confusion among new freshmen students during registration, a group of senior advisors has been formed under the chairmanship of Ed Arends, senior mechanical. The new freshmen will be split, on Tuesday, March 5, into groups of approximately fifteen men and a senior advisor will be assigned to each group. The freshmen will meet with their assigned advisor in different classrooms in Chapin hall. The advisors will help orientate the students as to extra-curricular activities, registration procedures, and will attempt to answer any questions the new students will ask. The freshmen will tour the campus and each group will take its turn in registration.

Another change planned for March 1 will be a pre-registration for some 143 Navy students. The returning men will be required to fill out a list of the subjects, hours, and section for the coming term. They should have this information ready by registration which is Friday, March 1. The program cards must be checked by the department head before class cards will be issued.

Fifty-five new navy men will register Friday afternoon. These students will be in the navy pre-flight training program and will be put in classes separate from civilians. The registration schedule follows:

Friday, March 1	8:30 a.m.-4:30 p.m.	New and returning Navy students.
Tuesday, March 5	8:30 a.m.-4:30 p.m.	New and returning seniors and juniors.
Wednesday, March 6	8:30 a.m.-4:30 p.m.	Sophomores.
Thursday, March 7	8:30 a.m.-4:30 p.m.	Second term freshmen.

The subject and room schedules will be ready for distribution by this Friday, William Kelly, registrar, announced.

Honor Board Tries Two Students for Copying; One Fails Course, Other Freed

At a recent meeting of the Honor Board two men were tried for copying a chemistry laboratory experiment, according to Howard Johnson, president. One of the men from whom the copying was done was freed of all implications; the Board decided that the copying was done without his knowledge or consent. The second man, however, admitted his guilt and was given a grade of E in the course and placed on the Honor Board's probation list.

"The men were freshmen and perhaps not too well acquainted with the honor system," said Johnson. "The Honor Board and the system it represents is not just a thing to be talked of and ignored. The system should be second nature to all enrolled at IIT and should be respected."

The board, a group of students elected by the students, has more power than most students realize. It has been the practice of the board to give a light sentence with a word of warning for a first offense and to place the student on the probation list. A second offense means expulsion from school. If a student is expelled from school resulting from an Honor Board recommendation his credits from his college career are void and will not be transferred to another school.

Part-Time Work Is Offered Students

Part time positions are now open for students desiring to help themselves through school, according to R. J. Spaeth, treasurer.

Students are needed to render service as graders and laboratory and library assistants for the next term.

They may work on a cash basis or receive credit on their tuition. The student appointments are for \$60 per term. Those assigned before March 6 may apply the amount of their appointment towards the payment of their tuition bill for this term. Students desiring re-appointment should also apply inasmuch as appointments are made for one semester only, said Mr. Spaeth.

Application blanks are now available to any interested men and women in the treasurer's office, Room 208, Main Building.

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Honor System

The Honor Board of Illinois Tech is a body of students, charged with safeguarding the academic morals of Tech students and entrusted with sufficient power to enforce the Honor System. Usually, they lean over backwards in giving a student the benefit of any reasonable doubt.

Recently, however, several men found guilty of flagrant violations of the system were summarily given "a flunk" in the course and placed upon the board's probation list. Another conviction will mean the imposition of the most severe penalty: expulsion from Illinois Tech and loss of all credits earned in this school.

The men that are actually charged with Honor System violations represent but a very small percentage of offenders. Though conditions vary for different classes, a conservative estimate of the number of those that resort to "ponies," opened texts during closed book exams, "collaboration and cooperation" and out and out "cold copying" would be in the neighborhood of a fifth of the class.

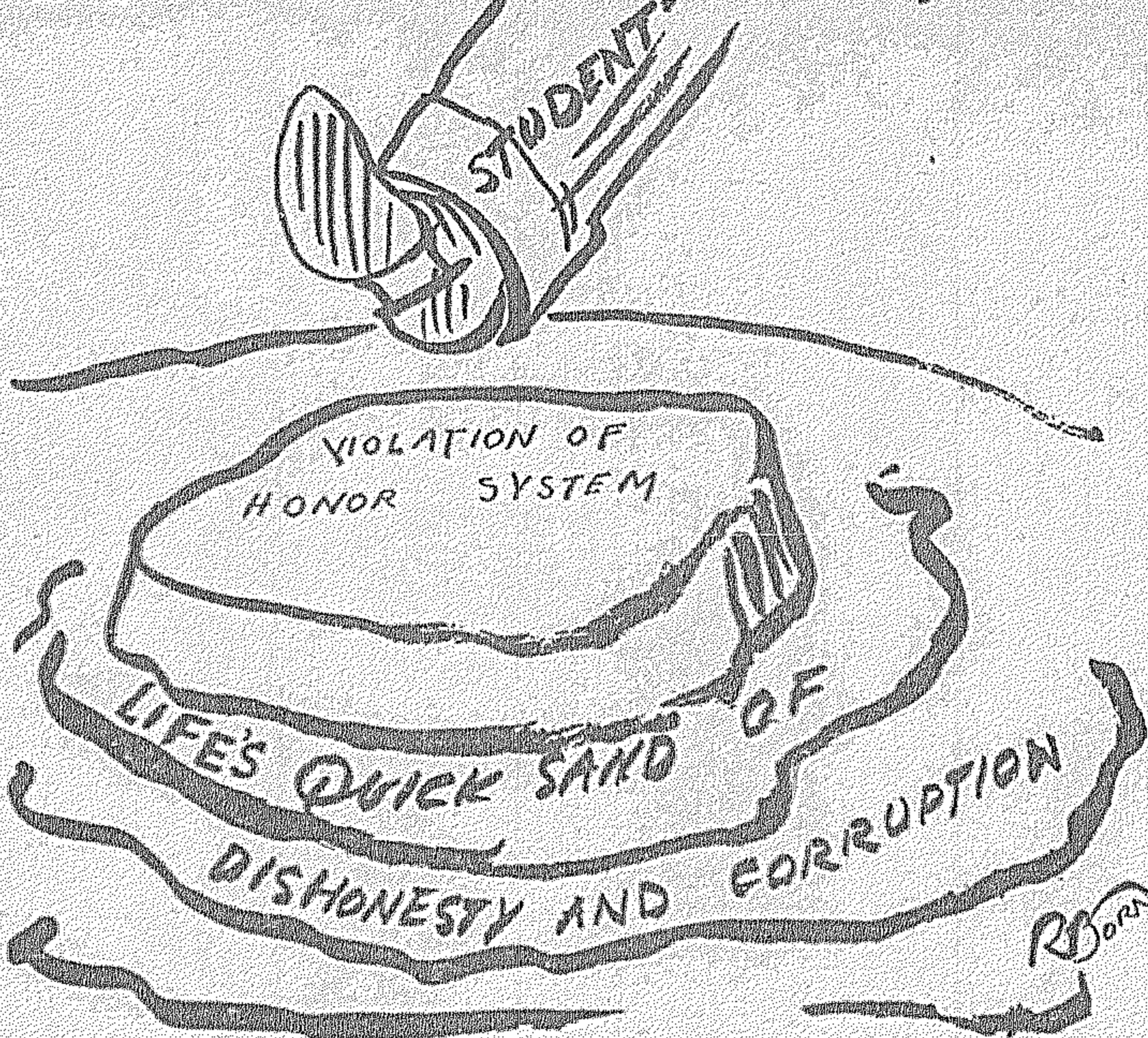
This figure is not intended to represent that of a group of students that get by in all their courses that way—their number is, fortunately, very small. It is the occasional "quick peek" that hurts and drags down the Honor System.

Someone else, in an idle bull session somewhere, challenged a defender of the system with the statement that there wasn't a person in the school that could say that he had never copied even so much as a homework assignment—one that was so pure that he could "cast the first stone." Be that as it may, too many have taken continual advantage of every trust given them under the much abused system.

Enforcement of the Honor System must come from within: within the student body; within the classes; within the class cliques; and within the student himself. Sometimes it isn't enough for a better-than-average student to set a good example by sticking closely to the system, for some others know only that he gets better grades and that good grades are nice to have. It becomes a great sacrifice for the average student in a class room full of "collaborationists" to refrain from cribbing—he's liable to flunk the course!

Respect for the Honor System is growing with school spirit, but it remains for the individual to make it as effective as idealism dictates.

WATCH YOUR STEP MISTER!



Man Of The Week

Joe Viecele, Recent Pledge of Tau Beta Pi, Heads Tau Omega

Stepping quietly into the spotlight is Joseph Viecele, eighth term mechanical engineering major, the "Man of the Week." Joe is a resident of Cicero, Illinois, and attended Morton High School.

Viecele came to IIT in July, 1943, via a State Rehabilitation scholarship. In his four years at IIT he has justified the confidence of those who awarded him the scholarship. As soon as he arrived here, he set to work acquiring a thorough education. This is evidenced by a respectable 2.3 scholastic average. Because of his scholastic achievement, Joe was one of seven recently pledged to Tau Beta Pi, highest honorary engineering fraternity in the country.

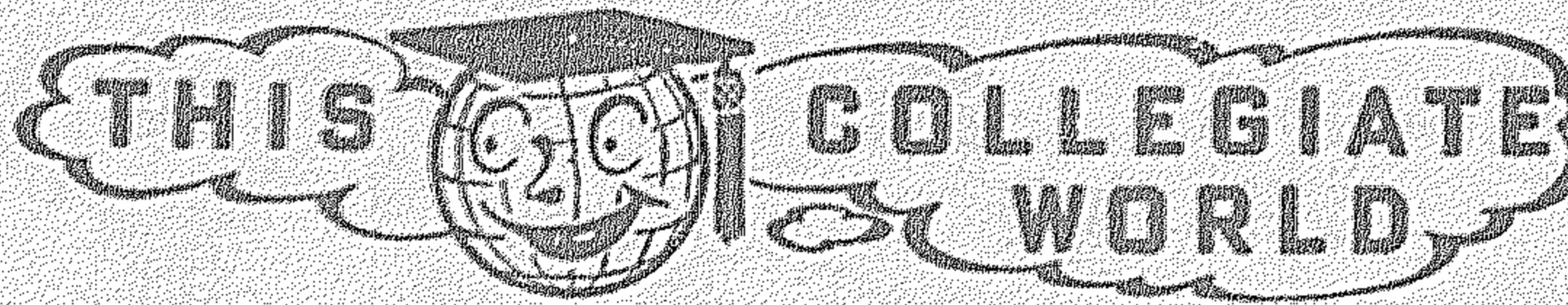
He has found time to participate in many of the Institute's extra-curricular activities. In his sophomore year he became a member of the ASME. His consistently good work has brought him the position of secretary in this organization.

Other organizations in which Viecele is active include Tau Omega, aeronautical engineering honorary, Pi Tau Sigma, mechanical engineering honorary and the IAES. At present, he is serving in his second term as president of Tau Omega. He holds the position of vice-president in the IAES, and is a cataloguer in Pi Tau Sigma.

Building model airplanes is a hobby that takes up most of Joe's leisure time. He designs, builds, and flies his own models and is proud of his "homegrown" seven foot glider. Joe enjoys tinkering around with the family car. Swimming is his favorite sport, and he finds a bit of social enjoyment in dancing.

While at Morton High School, Viecele distinguished himself as an organizer of the Morton Modern Airplane Club. He was also a member of the National Honor Society, the gymnastic team and the Future Craftsmen of America.

Upon graduation, Joe hopes to enter some field of the mechanical engineering profession. He has declared that he would like to work on machine tool designs or gas turbines.



The big talk around the girls' dormitory at the University of Alaska is about the forthcoming "Mike Thompson Sweepstakes" to be held there. The race is run on the day commonly referred to as the "Sadie Hawkins Day of Alaska." The contestants are those girls who meet the basic requirements, namely that: (1) She must be of sound health and mind, preferably between the ages of 17 and 33; (2) she must be able to pack a load of 60 pounds over a prescribed course (ed. note—Uhl, what women they must have in Alaska); and (3) she must be able to smoke fish and make sour-dough pancakes.

The woman who is able to come through and win in the finals will be given, as an award for demonstrating her superiority, a genuine "Mike Thompson Autographed" packboard (whatever that is), and free transportation to Moose Pass, Alaska.

No it wasn't union trouble that caused some 2000 students at the University of Maryland to go on strike. It was simply because their coach had been signed to a five year contract at the University of Kentucky. Classes were suspended, classrooms were picketed, and meetings between university's president and student leaders followed.

The "weaker" sex at Iowa State Teachers' College, Cedar Falls, Iowa, will do an about face at one of their forthcoming affairs. They will assume the part of the fellow in making the date and footing the bill. The common practice for the fellows, in the past, has been to load their gals down with a lumpy collection including razor, shaving brush, comb and mirror, so that they could repair their beauty jobs from time to time during the evening, in order to "look pretty" for the dance. Sometimes the fellows wear corsages, usually made of vegetables.

Ever since the basketball coach at Valparaiso University, Valparaiso, Ind., scheduled a game with Puerto Rico University, the girls on the campus have been set agog. The girls, who would be satisfied with just a man, have been unable to resist these dark complexioned "hombres" from the Latins. This as evidenced when six of the girls journeyed to Chicago and spurred the Puerto Ricans to victory over Loyola.

—MORTON NEMIROFF



With all the cold weather we've been having of late, the Shovel experienced a bit of difficulty in getting started this week, but now that said Shovel and its operator are all warmed up (the former by alcohol and the latter by warm milk—I think that's straight), we'll get under way on the newest diggings.

After classes on every Tuesday and Thursday afternoon, Annita (I Get My Man) Greenberg can be seen tirelessly running around the outdoor track getting in shape for the big event. She's preparing to nail up another scalp on Sadie Hawkins Day. Although it is contrary to the policies of this column to help the fellow in need, we feel that A/S Hy Weiner deserves to be warned. It is a little known fact that Hy hides a wonderful manly physique under those ill fitting uniforms, but Annita is not easily fooled.

A/S Chuck Hatstat was recently heard to declare his independence from the fairer sex, but a hasty reversal was in order when he was reminded of the cute little Christmas cards he sent out with "Chuck and Rosemary" neatly printed thereon.

Arnold "Arnie" Borenstein believes that a campaign should be initiated on the campus to acquaint every student with the secretaries in the various departments. He hasn't formulated any plans but says, "Why stop at fellowship among students? Secretaries can be lonely too." Arnie probably garnered all his information from a blonde on the third floor of Chapin Hall who answers to the name of Ruth.

The story of a romance carried on in the classroom is that of A/S Sheldon "Casnova" Levy. During a most interesting lecture in math class on the theory of complex variables, the professor, looking a bit chagrined, had to stop the talk while he broke up a hand-holding party. Shelly was the guilty one and now sits off in a corner all by himself casting admiring glances in the direction of his ARF "coed."

A smuggler has been discovered in our midst. This doer of deeds nefarious, was caught trying to carry three dishes of ice-cream into EE lab by an eagle-eyed professor. Like a true culprit, he tried to buy off the prof with kind words and the offer of a dish of ice cream but the prof stood firm (as most profs do). The names of juvenile delinquents aren't usually revealed by the press, but this one's initials are Hank "Wrong Guy" Pype.

Some of the lads on the campus have been pledging Rho Epsilon, radio fraternity, and in the pledging process, have been required to buzz the initials of all the actives and get their signatures. All this has proved to be just too much for the memory of Richard Gates. His main difficulty lies in the identity of A/S John Conklin. Dick doesn't have any troubles with John personally, but when it comes to recognizing John on the street he's lost. At different times last week, Dick was seen buzzing A/S David (Demon Dave) Hoffman and A/S Paul Peter (P.P.) Martin, thinking that each was Conklin.

Congratulations are in order for Eleanor Berta of the IIT News Bureau on her recent engagement. Don't keep it a secret, Eleanor. Shout it from the house tops!

A couple of this newspaper's reporters were discussing their plans for the recently held Technology News Banquet. Each had his own excuse; one for attending, the other for missing the affair. A/S Lloyd Geigel's argument was, "To h— with the women, I hear they're having free chow." A/S Gene Flory came back with a quick, "To h— with the chow, I've got money invested in my girl." That admirable quality of helping a buddy in distress has been demonstrated by A/S DeWitt Pickens. He hated to see A/S Al Bourdon spending his weekends studying and to remedy the situation, arranged a date for Al with June Cox's sister, Adele. Dee reports that everything has been turning out wonderfully well.

The shovel hit hard rock while digging for the dirt behind the pair of slightly discolored eyes of A/S Joseph "Danny" Dannenmaier. Danny's name was added to those in the "Hall of Infamy" for his addition of a new phrase to the set of "famous last words." When a naval officer, while demonstrating a point in seamanship by sketches on the blackboard, said, "I'm not much of an artist." Danny, thinking aloud, said, "OBVIOUSLY." The story on his present set of "eyes" was quite on the square though. He forgot to keep up his guard while sparring with A/S Bill Schulte in preparation for Bill's bout in the Golden Gloves Tournament.

One of A/S Phil Zweedyk's EE classes was turned into an uproar because of Phil's antics. He didn't bother anybody while he was dozing, but when he had a dream about slipping on ice, he threw up his arms and legs, knocked his books to the floor and hurled his pencil into the air. This was one occasion when even the teacher was amused by a sleeper. When the room had settled down once more, Phil remarked, "That was the highest flight I've ever made."

—THE SPEAR



Letter of the Week: Tau Beta Pi Debacle

Dear Editors:

The conduct of a few Techmen at the beginning of last week's Tau Beta Pi pledging ceremony was, to say the least, disrespectful.

The incident occurred when A/S Bill Cannon announced that there had been an error in announcing the Franklin P. Adams assembly: that it would not be held until the following week and that the present program was to be the pledging ceremony of Tau Beta Pi, national honorary general engineering fraternity. Upon hearing this, 20 or 25 students noisily got up and stalked out of the auditorium mumbling loudly under their breath.

This lack of respect for the highest honor on the campus is a far cry from the "manners" program put on by John Schommer a few weeks ago. I think it a sign of profound ignorance that these persons could not remain during the free hour and witness an inspiring program, or at least have the courtesy to exit quietly.

It is unfortunate that a few persons should make a farce of the school's most honored pledging ceremony.

ABC

Approval on Records

Dear Editors:

About all that comes to one's attention around here are loud and vigorous words of complaint. 'This' is bad (and getting worse) and 'that' has reached a horrible state of depravity and 'the other' is criminally neglected.

But such cases are in a minority and certainly most of the many IIT activities and organizations are running efficiently if not perfectly.

Up in the Student Union Lounge there is a very ingenious mechanism: the "Juke Box." A Tech student, known to many as a "good guy," is the one who feeds records into the machine and tries to keep everybody happy. Don Freeman is held down to 20 records at a time but the constantly changing, always popular bill of fare is certainly the finest seen in the old lounge for a long time.

AMB

A Vet Looks At School Life

By CHRIS COLLIAS

A pal of mine will never forget an experience he had as a visitor in an insane asylum.

"Hsst!" said a fine looking old gentleman beckoning him confidentially, "I have a secret; would you like to hear it?" My friend said, "Sure." "You see all those people walking around here?" My friend nodded. "Well they're all nuts, except me," said the old gentleman earnestly and went off smiling cheerily.

Things aren't quite that bad for everyone, although the suggestion I am going to make in today's column might seem to indicate that.

Anyone who gets around a bit must have noticed the strain which our fast paced industrial civilization engenders. Add to this the pressures of various conditions, the normal frustrations which life brings, the restrictions of a complex civilization, and small wonder if a good part of the population finds the strain past bearing.

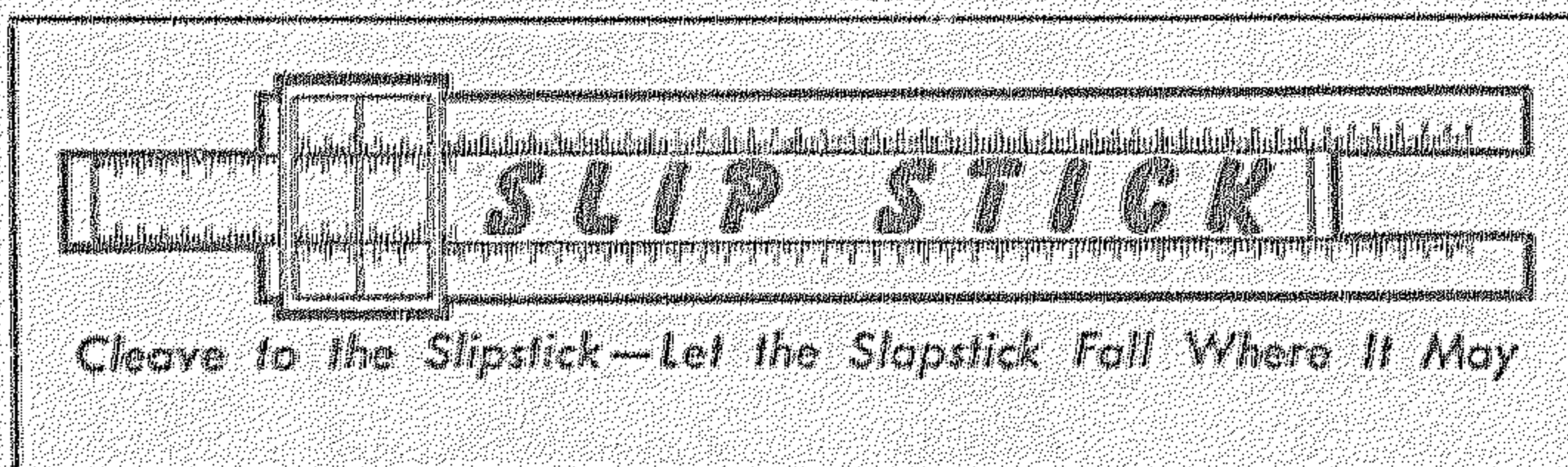
Everybody, no matter how sane he may be, goes off the beam occasionally. We call it temperament or letting off steam unless it goes too far; in that event it becomes sheer tragedy. Yet it is perfectly understandable when the conditioning circumstances are known.

Today we know that the dividing line between sanity and insanity is a thin and constantly shifting margin. As one grows older, all the bad mental habits and faulty training place an increasing strain on the human mentality and body. Why not implant a vital set of mental and hygienic principles in ourselves as early in life as possible?

An understanding of these rules would do much to revitalize a jaded and increasingly cynical population.

A good many intelligent people are beginning to realize that successful living takes in the Golden Rule—the religious principles we were taught as children—and a good deal more.

There was a young explorer and a beautiful girl who were stranded on a desert island and lived informally for a year before they were rescued. They immediately asked the ship's master to marry them. He did so; but the girl, still dubious of the captain's credentials, got a missionary to legalize the ceremony in a coastal town in Africa. In turn since he was of another persuasion, he had a priest of his faith marry them for a third time when they landed in New York. A friend of theirs heard about the triple ceremony and commented admiringly, "Well, Bob, you and Betty sure ought to find heaven by one path or another!"



Cleave to the Slipstick—Let the Slapstick Fall Where It May

Fans (both of you), please forgive me if the "stick" isn't up to par today. I'm worried about the "carrying on" of my gal, who's away at school. She closed her last letter saying, "Honey, you won't recognize me; I'm getting fat. I weigh 155 pounds stripped. Of course the scales at the drugstore may not be so accurate, but that's what they register."

—IIT—

College Josie: "I told him he musn't see me any more."

Campus Sue: "And what did he do?"

Josie: "He turned out the lights."

—IIT—

Irate matron: "Madame, what do you mean by letting your child snatch off my wig?"

Relieved mother: "Oh, it's a wig, is it? I was afraid for a minute that he'd scalped you alive."

—IIT—

Rotey: "Are you troubled with improper thoughts?"

Buddy: "Naw, I enjoy them!"

—IIT—

He had just given his wife a beautiful skunk coat as a gift. "I can't see," she mused, "how such a nice coat comes from such a foul-smelling beast."

Wearily the husband replied, "I don't ask for thanks, dear, but I do demand respect."

—IIT—

Two sardines were swimming down by California when one suggested that they swim up to Oregon.

The other objected, "Oh, no, it's too far to swim."

"Well, let's go by train," said the first.

"What," cried the second, "and be packed in like a couple of tourists!"

—IIT—

"Smile that way again." She blushed, and dimpled sweetly.

"Just as I thought, you look like a chipmunk."

—IIT—

Passerby: "Is that a genuine bloodhound?"

"It surely is. Oscar, come over and bleed for the lady."

—IIT—

She was young and fair and pretty,

Your Opportunity Eastman Kodak to Interview Seniors

Another of the organizations which has informed our placement office of a need for engineers is the Eastman Kodak Company. Their request has been for chemical, mechanical, electrical, and civil engineering majors.

As an aid in orienting IIT students on the Kodak Company, here are a number of facts. The company bases their standard of work on a 40 hour week. The intention of the firm has been to pay salaries and wages equal to or above those prevailing in the community. Advancement is based upon experience, skill, and general capability.

Kodak has tried to keep a stability of employment in its ranks and has given constant attention to the planning of its production schedule. Kodak has striven to improve their methods and processes and better working conditions. They maintain a policy of freedom of discussion with the management and reward employees for constructive suggestions.

The company encourages employees to pursue suitable courses of study which will help them in their work, and refunds part of the tuition when the requirements of the course have been met satisfactorily.

To give the seniors and graduates a better idea of what Eastman Kodak has to offer, the company is sending out representatives to interview them. These interviews will be held on Tuesday, Feb. 12, in the office of the Placement Department.

Kappa Phi Delta Promotes Both Social and Scholastic Activities

In order to form a pledge of their friendship, a group of girls at Lewis decided to form a sorority. These six girls were officially recognized on Nov. 16, 1904, as the Kappa Phi Delta sorority. The purpose of the sorority is to promote friendly relations among the women students of IIT and to stimulate interest in high scholastic standing.

Student Poll: Mixed Up Courses

It was with mixed emotions that your inquiring reporter posed today's question of the week: "In your opinion, what has been the most fouled up course you have taken at IIT?"

The question was asked with the thought of giving the seniors a chance to let out the pent up frustrations of four years of being bruised and bewildered and, probably more important, to furnish constructive criticism. Here are some thoughts of seniors on the subject:

A/S Alva Oslin, senior ME—"Prof. Levy's 'electron tubes' course tops the list. The course in general was too deep and the payoff came when the good prof informed us the textbook was wrong—after the quiz."

A/S Stanford Abramovitz, senior ME—"Prof. Mangold's 'Mystery Hour' (fluid mechanics) had me wondering. He's a brilliant man himself, but he just couldn't put it over. His boardwork was beautiful, but I couldn't seem to keep track of his 'tidbits' spread all over the board as they were."

Art Strong, senior ME—"The presentation of Prof. Glave's business policy course, in his complacent tone of voice gave me a bad time. Not only did it seem more like a course in book-keeping and accounting than business policy, but our class was always in a bad spot when Prof. Glaves loosened the unvented rage of three previous lecture hours upon us."

A/S Carl Chambers, senior EE—"In my estimation Prof. Sadowsky's math class was the most fouled up. He constantly instilled in the class a fear of not passing the course, rather than displaying a helpful attitude. Basing the entire term's grade on the final exam and allowing no partial credit on problems seemed to me to defeat the purpose of the course."

Fraternities & Sororities

ALPHA SIGMA PHI

Alpha Sigma Phi held a pledge-sponsored social at the O'Henry Ballroom Saturday night, Jan. 26. Reports from the members indicated that this function was a success and that they are looking forward to other affairs of this type.

Informal initiation is to be held Saturday night, at a place yet to be determined. However, formal initiation will be held on the following day at the Swedish Club.

The Alpha Sigs are conducting what is known as "Hell Week" for the benefit of their pledges. All pledges have to wear burlap undershirts and offer candy to the actives when they appear on the scene. The pledges are Roy Johnson, Lou Goluck, Ron Moschel, Bil McKeown, Irv Busack, Don Ennis and Al Bruckner.

TRIANGLE

Tom Feehery, president of Triangle fraternity, heartily invited all actives, pledges, honorary members, and alumni to dine at a banquet in honor of the Triangle graduating seniors this Saturday. The dinner will be held at the popular Rupneck's Restaurant which is located on the north side at 1127 West Thorndale Avenue. It will begin promptly at 8 p.m.

PI KAPPA PHI

An informal initiation of the seven pledges to Pi Kappa Phi will be held at the home of Henry Hawrylewicz, Saturday evening. A committee composed of A/S Jim Woodling, A/S Cal Zehnder, Howie Johnson, and Don Black are making arrangements for the affair.

Three Pi Kapp alumni were present at the pledge-sponsored dinner-dance held last Saturday at the Oak Park Arms Hotel. They were John Mark, Frank Janik, and Fred Olson. Included in the evening's entertainment was a skit presented by the pledges.

The pledges will be given a written and oral examination of the material covered during their pledge period sometime next week, states Howie Johnson, pledge master.

Dale Wihlman visited the chapter last week. He left school in 1942 for the navy air corps but will return next term to complete his senior year. He brings to four the number of Pi Kapps who are returning to school next term after extended interruptions in their college work.

SIGMA OMICRON LAMBDA

The Sigma Omicron Lambda sorority held their annual alumnae tea last Saturday. The Lincoln Room and Press Club of the LaSalle Hotel was the site of the affair. As is customary, the new pledges entertained the group: Mary Wetzler and Muriel Bovie presenting an original radio script. (Mrs. Wetzler is a professional radio script writer and wrote it for the girls.)

At a meeting before the tea, officers of a new, over-all control council of the alumnae, were selected. Florence Moss was elected president and Selma Yonkers secretary.

The informal initiation was held last Friday at the home of Hope Iversen. The two pledges initiated were: Muriel Bovie and Mary Wetzler. A pajama party followed the initiation.

—THE VICIOUS VIPER

Techawks Lose to Loyola in Return Engagement 41-35

Frank Lake Paces Scoring with 16 Points Before Crowd of 2500 in Ramblers Gym

Playing before a crowd of 2,500 at the Loyola gymnasium last Saturday night, the Illinois Tech cage squad bowed to Loyola University 41-35. Frank Lake, Tech's star forward, was high scorer for the evening collecting six field goals and four foul shots for sixteen points. Joe Schultz led the Ramblers attack with 12 marks.

Although lacking the color and thrills of the first engagement, played on the Techawks' home court, the teams fought on even terms until midway in the second half when Loyola surged ahead with a barrage of baskets.

Jack Dwan, Loyola's star forward who had been averaging 18 points per game up till Saturday's encounter, found his rabbit's foot to be out of working order when shot after shot from midcourt failed to reach its mark. He was limited to nine points, three baskets and a free throw, by brilliant defensive play by Captain "Pete" Browning and Gene Evers. In the first meeting of the two squads, Dwan dropped in ten baskets, most of which were thrown, with a prayer from outer court.

Carl Bergstrom, Tech's 6'2" center, who disregarded a heavy cold by getting out of bed to play, counted four baskets and a free throw while holding Kerris, Loyola's towering center to a meager basket.

The untimely discharge of Ray Murphy, the Techawks' ace guard, along with Bill Smart's off game of the year spelled defeat for the Scarlet and Gray. Smart, who spearheaded Tech's attack in the previous Rambler duel, registered but one free throw while missing shot after shot. He did, however, play a brilliant defensive game.

The first half was nip and tuck from start to finish with Carmen of Loyola drawing first blood with a field goal. Tech countered with a basket and then took a three point lead when Smart, Browning, and Lake chalked up a free throw apiece. Carmen's second basket, followed by Dwan's free throw and Kerris' field goal gave the Loyolans a momentary lead. The Techawks matched the Ramblers point for point, however, and at the intermission led 19-18.

In the second half, after McNulty dropped in a free throw and Bergstrom of Tech scored three points, Loyola hurriedly counted nine points to give them a six point advantage which they kept throughout the rest of the game. Bergstrom wound up scoring for the evening attempting to spark a last ditch drive by marking up four points.

Icers Take First Clash of Season 3-2

Traveling to Winnetka Saturday afternoon, the Tech hockey team returned with a 3-2 victory over the Chicago Motor Club aggregation.

Harry Feldt rifled a hard shot into the upper corner of the net in the late minutes of the third period to score the winning marker. Jim Sullivan and Bob Hauser tallied the other two goals for the Techawks in the second and first periods respectively to give them a win in the initial game of the season.

They snapped the seven game winning streak of the Chicago Motor Club, without a real practice session this year. Captain Gene Kleeman said several of the icers have had a stick in their hands only once or twice this season.

Although Kleeman failed to dent the nets, his stickhandling put him in position for several shots which goalie Eddy of the home team turned back with sparkling saves. The game was hard fought and fast throughout, as evidenced by the bruises and sore muscles of the Techawks the following day.

A return game with the CMC outfit has been scheduled for Sunday, 17 February, at the Indian Hill Rink, Winnetka, according to Coach Landay.

Golden Glover



PUGILIST—Willy Schulte, classy light weight, works out on the striking bag in the Main Building gym. Schulte lost a three round decision in his first Golden Gloves bout.

Grapplers Bow To U of C 18-16

Techhawk Attack Led By Freund and Gunner

The Techhawk grapplers lost a close 18 to 16 decision to the University of Chicago last Tuesday night in the IIT gym.

Two pins, one by Captain Bob Freund and the other by Leslie Gunner, led the Techhawk attack. Captain Freund scored a pin in 52 seconds over Bill Gower of U of C and Leslie Gunner scored a pin in 36 seconds over Jack Thompson of U of C.

Decisions won by Bob Ezzell and Harry Twickler aided the scoring. Defeated by a 21-11 score in the first matches of the season by these same men, the squad has shown improvement in the period of a week since then, according to Coach Jimmie Dunn.

The C.Y.O. aggregation comes to IIT tonight and the Techmen will meet them in the gym in Main Building. A summary follows:

125 lb.—Palmer, U. of C., pinned Hampf, IIT, time 3:54. IIT—0, U. of C.—5.
115 lb.—Walford, U. of C., pinned Gilman, IIT, time 5:02. IIT—3, U. of C.—0.
145 lb.—Twickler, IIT, decision over Jaros, U. of C. IIT—3, U. of C.—0.
145 lb.—Freund, IIT, pinned Thompson, U. of C., time 0:52. IIT—5, U. of C.—0.
165 lb.—Zartro, U. of C., decision over Henry, IIT. IIT—0, U. of C.—3.
115 lb.—Gunner, IIT, pinned Gower, U. of C., time 0:30. IIT—5, U. of C.—0.
Heavy—Ezzell, IIT, decision over Ans, U. of C. IIT—3, U. of C.—0.
Exhibition—Draper, IIT, pinned Bjorkland, U. of C., time 1:52.

Techawks Score Eleventh Win

Adding to a colorful evening at the Chicago Teachers College last Wednesday night, which featured a basketball game and a sports dance, the Illinois Tech cage squad whipped the CTC quintet 59-32. Scoring honors were divided among Bill Smart, Carl Bergstrom, and Frank Lake. Bergstrom garnered seven baskets and a free throw to lead the scoring parade, while Smart and Lake followed with 14 points apiece.

The start of the game found the Techawks feeling out their opponents' ability and kept the score down to 15-8 at the quarter and added a few points to their lead by halftime making the score 27-16.

In the second half the varsity crew shifted into high gear and scored two points for every one the CTC five tallied. After piling up a substantial margin, Coach Weissman substituted freely, enabling every member of the squad to participate.

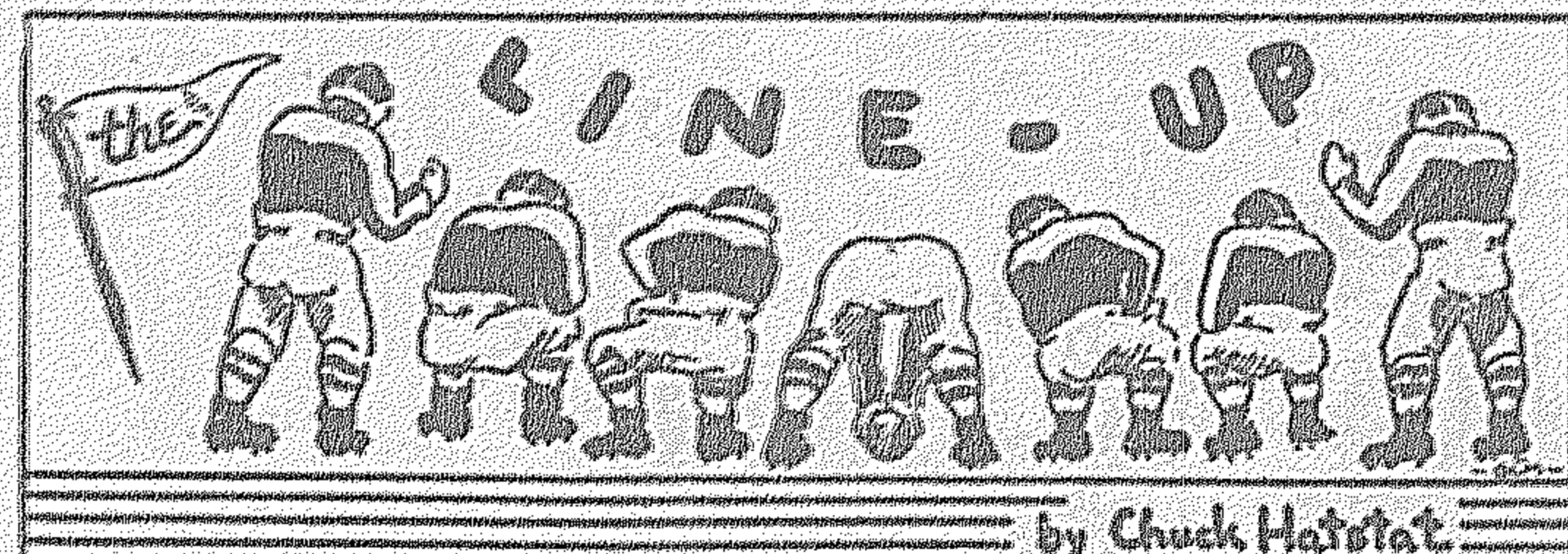
Wednesday, the Techmen engage North Central College at Valentine's in a return contest while Saturday night they journey to River Forest in an attempt to avenge the earlier defeat handed to them by Concordia.

Illinois Tech 35	Loyola 41
Smart 10	Dwan 9
MacAdams 0	Morreale 1
Lake 6	Bernas 2
Shore 0	McNulty 1
Bergstrom 7	Kerris 1
Poulter 0	McCarthy 0
Browning 0	Schultz 5
Melek 0	Carmen 3
Evers 3	McKeough 1
	Ponzevic 0
13 9 10	17 7 15

Free throws missed—Dwan 3, Kerris 2, Schultz 2, Carmen 2, McKeough 2, Smart 2, Lake 3, Bergstrom, Melek Evers.

Illinois Tech 59	CTC 32
Smart 10	Brancatto 3
Shore 1	Pelts 2
Bernas 5	Sullivan 0
Lake 1	Cronin 0
MacAdams 0	Keats 0
Browning 0	Schnieder 0
Bergstrom 7	McLaughlin 1
Poulter 1	Heuter 4
Poulter 0	Tadelman 2
Browning 0	Blocker 0
Loonis 0	
Garbalanski 0	
Evers 1	
Melek 0	
Goffken 0	
Goring 0	
25 9 17	12 10 12

Free throws missed: Smart 2, Lake 1, Bergstrom 1, Browning 2, Melek 2, Brancatto 1, Pelts 3, Tadelman 3.



by Chuck Hafstat

The acute shortage of athletic facilities on the IIT campus becomes more noticeable as time goes on and athletic functions increase. This semester marks the busiest season, athletically speaking, at IIT since before the war. A large share of the credit for this activity goes to the men of the navy unit, who kept up and probably increased Techhawk prestige in Chicago during the wartime shortage of students.

But returning servicemen outnumber the navy men at IIT and their demands for athletics will be greater and more insistent in the near future. Most of them probably realize that wartime shortages and post-war strikes have held up the building program. But they are expecting things to start rolling soon, and when they do, emphasis should be placed on the construction of a large, completely equipped gym to house these activities.

IIT may not be unique in its home-game situation, but it is certainly outstanding among colleges of the city. The cagers have had to build a schedule around the hours allowed them by Valentine Boys Club, and at that, cannot have so-called home games on Saturday evenings.

The intramural basketball tourney had to be abandoned because the gym is in constant use throughout the week. Civilian PT classes can be held one hour per day, from 12 to 1, when the navy does not have the gym for PT. The Fresh Eagles, a group eager to kindle competition on the campus, turned up at Valentine's for a game Friday and were refused entrance. They were out of order in trying to use the gym without authorization, but the incident illustrates the need. The hockey team has had to build its own rink for practices. The interfrat cage schedule must be flexible enough to cancel games on nights the wrestlers are to use the gym. The track squad must travel to U. of C. to hold early spring workouts. And here, the door of the fieldhouse hangs by one hinge, practically useless.

Tech Swimming Team Dunks University of Chicago, 54-22

Makielski, Mier, Mitchel, Form Big Three As Mermen Take Second Meet of Season

"T'was a ducking they gave them"; when the Techawks aquatics swamped the University of Chicago tankmen to the tune of 54-22 on the Midway in a dual swimming meet last Wednesday.

Barclay Takes First Golden Gloves Bout

Jack Barclay, fast stepping welter, was the lone IIT victor in the recent preliminary bouts of the Golden Gloves held in Loyola U. gymnasium. It was a three round bout and Barclay won the decision.

A winner in previous years of Golden Glove competition, Barclay showed pep and power in defeating his opponent in one of the better bouts of the evening. He was entered in the open division at 147 pounds, and because of his first win, he was called on to fight a second time the same evening. Tired after his first three round win, and having had little time to rest, Barclay chose to forfeit, and was thus eliminated.

Of the two remaining Tech entries, Joe Dannenmaier, powerful middleweight, could not appear and was automatically eliminated. He suffered a bad nose injury in a workout two days before and it had not healed sufficiently at fight time.

Willy Schulte lost his first fight via the decision route and as a result was eliminated. A speedy lightweight, Schulte looked good in the opening round but faded midway through the second, and the decision went to his opponent.

NROTC Cagers Bow to U of W

Playing host to the Wisconsin University's NROTC basketball team on Jan. 26, the Illinois Tech Navy cage squad dropped a free scoring battle 52-47. The Techawks squad was made up of Navy men of the regular varsity quintet. "Jake" Shore and Frank Lake led the Tech attack with 11 points apiece while John Wiersma paced the Badger attack with five field goals and three foul shots.

The squad got off to a slow start and trailed at the quarter 23-8. Gene Evers, "Garbo" Garbalanski, and "Bill" Goffken coupled a basket apiece with free throws by "Howie" Poulter and "Pete" Browning to account for Tech's scoring in the first ten minutes.

In the second quarter, the navy men started to click and at the intermission, the Tech men drew up to within eight points of the Badger quintet and at halftime the score stood at 32-24.

Starting a drive in the third quarter, the Tech navy squad managed to take over the lead with Frank Lake dropping in three baskets to lead the attack.

Near the close of the third stanza Lake committed his fifth miscue of the contest and left the game with the Techawks holding a 42-41 advantage. Howie Poulter finished for Tech at the center circle.

In the final frame the Badger squad, paced by Jim Graves who contributed six points to the Madison quintet's cause, held the Techmen to two field goals and a lone free throw to chalk up their victory.

IIT NROTC 47	WIS. NROTC 52
Browning 0	Matte 4
Browning 3	Kerr 1
MacAdams 1	Graves 3
Shore 5	Nelson 0
Poulter 0	Wiersma 5
Lake 5	Klen 0
Loonis 1	Rhude 0
Goffken 0	Lewis 0
Garbalanski 1	Lauvi 0
Evers 3	Youngstrom 4
	Kiehl 1
19 9 14	19 12 16

Free throws missed: Browning 6, MacAdams 1, Shore 2, Poulter 1, Lake 1, Matte 2, Graves 1, Klen 1.

Victory came handily to the Techawks in all events with the exception of the 440 yard free style where Chicago's Stechmesser counted a first.

From the ranks of returning service veterans, Bill Maier, of the '42 IIT tank squad, formed the spearhead of the onslaught. Maier opened the meet as the number one man of the medley relay squad, gaining a lead which Omer and Mitchell easily kept to win the event. Maier also passed the counting station first in two other events. Diving was well handled by Tech's captain Makielski, who gave a stellar performance in capturing first in the event. Way was shown by Bill Mitchell who was outstanding in his free style in the fast time of 1:01 along with being a member of both relay and medley squads.

Coch Ahern's boys have shown great fight in their last two dual meets and according to mentor Ahern, "As time goes on the squad shows greater prospects." The coach has put great expectations in Captain Makielski and the development of Maier and Mitchell.

The box score follows:

300 YARD MEDLEY RELAY—Won by IIT (Maier, Omer, Mitchell). Time 3:38.5.
220 YARD FREE STYLE—Won by Kinsinger, IIT; Stechmesser, U. of C., second; Detwiler, IIT, third. Time 2:45.8.
60 YARD FREE STYLE—Won by Maier, IIT; Horton, U. of C., second; Vannorria, IIT, third. Time 38.4.
DIVING—Won by Capt. Makielski, IIT; Richardson, U. of C., second; Omer, IIT, third. Points, 82.1.
100 YARD FREE STYLE—Won by Mitchell, IIT; Kinsinger, IIT, second; Horton, U. of C., third. Time 1:01.
50 YARD BACK STROKE—Won by Maier, IIT; Graf, University of Chicago, second; Salvoy, IIT, third. Time 1:55.2.
200 YARD BREAST STROKE—Won by Omer, IIT; Shihada, U. of C., second; Anderson, U. of C., third. Time 3:02.
440 YARD FREE STYLE—Won by Stechmesser, U. of C.; Eldon, IIT, second; Miller, IIT, third. Time 6:32.6.
440 YARD FREE STYLE RELAY—Won by IIT (Mitchell, Gentile, Detwiler, Kinsinger.)

Theta Xi Whips Pi Kappa Phi 21 to 18

Theta Xi, moving up in the IF Basketball tourney, defeated Pi Kappa Phi in the only game of the week last Thursday, 21 to 18.

Leading the Theta Xi scoring column with 13 points, Bill Windham substantiated the belief that he was the key man of the TX attack. Eleven markers went to Wally Breisch for the lead in the Pi Kap aggregation. DeWitt Pickens and Ed Lindahl of the Pi Kaps and Theta Xi respectively, collected four fouls apiece to lead their teams in this department.

In the second game scheduled Thursday, the Praetorians chalked up a forfeit to Triangle by failing to appear. This is the second week in succession for the Praetorians, and the eventual result will be elimination, said Pete Browning, IF manager.

No games were played Tuesday because of the conflicting wrestling schedule which called for the gym that evening for the U. of C. bouts. The same situation exists tonight, and no games have been scheduled, to allow the wrestlers to use the gym for the IIT-CYO matches.

The box score follows:

Theta Xi	FG	FT	P	Pi Kappa Phi	FG	FT	P
Windham	4	5	2	Cummins	0	0	2
Lindahl	0	0	4	Breisch	4	3	2
Reise	2	0	1	Pickens	0	0	4
Smith	0	0	0	Wolf	2	0	1
Schulte	1	1	1	Belle	1	1	0
Totals	7	6	8	Totals	7	4	8

IF BASKETBALL SCHEDULE

Week of 4-11 February
Tuesday, 5 February
No games scheduled
Thursday, 7 February
Pi Kappa vs Praetorians—6:30
Alpha Sigma Phi vs Delta Tau Delta
Tuesday, 12 February
Sigma Alpha Mu vs Theta Xi 6:30
Delta Tau Delta vs Pi Kappa Phi

IRE Tours Taylor Tube Company; Pendleton to Talk on Patents

On Thursday, Jan. 24, the student branch of the IRE sponsored an inspection trip to the Taylor Tube Company at 2314 West Wabansia Street. The trip was attended by three faculty members and fifty students.

The visitors were divided into small groups and conducted through the plant by officials of the company. During the trip, they saw the actual manufacturing of vacuum and gas filled types of electronic tubes starting from the production of the component parts and ending with the final inspection and packaging for shipment.

The trip was reported to have proven very interesting. This was especially true for the radio amateurs in the group since the Taylor Tube Company, which was founded and is being run by well known radio amateurs in the city, has always recognized the needs of these amateurs in their manufacturing program. Now that the war is over, most of the tubes which they are producing have been designed especially for amateur transmitting and receiving sets.

Because of the general interest in tube manufacturing and because only a portion of the student body could take this trip, it is the intention of the chapter to sponsor other inspection trips in the near future.

Albert H. Pendleton will give a talk at the next meeting of the IRE which will be held on Friday in Room 305 Chapin at 11 a.m. The general subject of the talk will be the basis and nature of our patent system. This will include a discussion of the patent, what it gives to the holder, how one is obtained, patent applications and method of prosecution, interference, practice, litigation and enforcement.

Pendleton received his B.S. degree at Worcester Polytechnic Institute in 1923 and his LL.B. at Duquesne University Law School in 1927. He was associated with Westinghouse Electric and Manufacturing Company from 1921 to 1927, both in their engineering and patent departments.

In 1927 he was admitted to the bar in Pennsylvania and Illinois and in various courts, including the Supreme Court of the United States. Pendleton became associated with Jones, Addington, Ames, and Seibold, patent attorneys at 77 West Washington Street, Chicago, in 1927. He was made a member of the firm

(See IRE Tours on Page 6)

Medical Arts Guild Elects Four Officers

At a meeting of the Medical Arts Guild, four officers were elected for the year 1946. They are: President, Joan Nicholas; vice president, Joe De Prima; secretary, Peter Pinto; and treasurer, A/S Richard Henracy.

The Medical Arts Guild invites all students interested in biology to attend its meetings which are held every other Friday at 11 a.m. At the last meeting, which was held on Jan. 4, Dr. Leslie Hedrick gave an interesting talk on penicillin and other such substances.

IIT Student Housing Facilities Available Soon

Student housing facilities will be available as of Mar. 1, John White, dean of students, announced today. With the reduced navy quota for next semester quarters #1 and #6 are to be occupied by civilian students in attendance at IIT, Dean White added. Study and recreational facilities will also be made available.

Anyone wishing to take advantage of this opportunity should make application in Dean White's office as soon as possible.

Hammerot, Katzmire Obtain Discharges

Two more members of the ships company of the Illinois Tech V-12 NROTC unit have left for discharge, according to information released by the navy office. Those leaving are Roy Hammerot, ChY; and J. L. Katzmire, Y2/c.

Hammerot and Katzmire have been at Illinois Tech since the inception of the NROTC unit in November, 1945.

Lt. (j.g.) D. D. Wiley, who will relieve Lt. Cmdr. W. Stevens, Jr., reported aboard January 29th. Lt. Wiley, whose home is in Crookston, Minnesota, came from the Motor Torpedo Boat Squadron 41 where he served for six months. Previous to this, he served at the PT school in Newport, Rhode Island, and then with MTB squadn. 28 which operated in the Central Pacific Theater. Lt. Wiley is a graduate of Concordia College in Moorhead, Minnesota.

Also according to the Navy office, Lt. (j.g.) F. T. Hoff will report within a few days. Lt. Hoff, who is coming from the Eighth Naval District, will be attached to the NROTC program.

Election to Be Held For AIEE Officers

Petitions for the nomination of officers for the student chapter of the AIEE are now being accepted. Each petition must be signed by fifteen members of the student chapter of the AIEE. In order to run for office, a student must be a member of the student chapter of the AIEE and a national member of the AIEE.

A tour of the Fisk Street Station of the Galvin Radio Company will be conducted on Feb. 7.

Interfraternity Council Plans Freshman Luncheon

The interfraternity council is planning a luncheon for the new men next term. It will be held mostly for new freshmen and the purpose is to familiarize them with the fraternities and sororities on this campus. It will try to impress upon the new men and women the advantages of this type of life. The date of the affair is March 2 and it will take place right after the orientation exams which are given to all freshmen.

Tom Feehery is in charge of a committee which is making arrangements for the rushing activities for next term. Also planned is an interfraternity handbook for freshmen which will clarify the position of fraternities at Illinois Tech.

RHO DELTA RHO

The Rho Deltas last week welcomed back active Kenneth Eaton to the fold. Kenneth, who has returned from the service, will resume his active duties next semester when he returns to the school.

Last Saturday the boys were invited to a Northwestern University sorority dance in Evanston. The next day the boys held a stag get-together which culminated in a bowling alley.

AS I SEE IT

(Continued from Page 1)

up mess. A lot of credit should be given to Dean J. C. Peebles and his committee for planning a streamlined procedure for this coming registration.

With this new procedure, the confusion of previous registrations should be eliminated and all of us may for once have something complimentary to say about the Registrar's office.

New Naval Building Is Dedicated to IIT World War Heroes

"Alumni Memorial Hall" has been selected as the name of the new naval building which is already in its final stages of completion. The structure is dedicated to Illinois Tech graduates and former students who have lost their lives in the service of their country. The building will serve as a major contribution to United States future preparedness for defense, stated President H. T. Heald.

A committee of Illinois Tech trustees has been formed to select a fitting name for each structure to be constructed under the building program. The name will represent something other than the function or purpose of the building. It will be named in honor of deceased men who have been prominent in making the school what it is today, and men who have contributed funds to IIT.

The new building which is scheduled to be completed by Mar. 1 is modeled after typical naval building plans, being 72 feet wide and 216 feet long, some 14 feet longer than the standard plans. When the structure is completed it will consist of two decks and a hold, and approximately 25 rooms.

The first deck consists of the administrative offices, storage and supply rooms, and three class rooms. The major portion of this deck and the second deck are taken up by an armory, which is located on the north side of the building. The armament which will be placed for use in ordnance instruction, consists of a five inch-38 caliber and three inch-50 caliber guns, 40 mm and 20 mm mounts, a torpedo, and loading machines. Five additional classrooms and facilities for drills and seamanship and navigational training will complete the top deck.

Another purpose of the NROTC building is to centralize the naval science department so that it can function as a unit.

Alpha Phi Omega Hears Talk by Lt. T. Martus

Lt. T. Martus of the Illinois Tech navy unit described some of his interesting experiences as a member of the armed guard aboard merchant marine liberty ships in the Mediterranean region in an informal talk at a recent meeting of Alpha Phi Omega service fraternity, according to president A/S James Woodling.

Tough Life

Those that think that things are rugged at IIT should consider the situation at Augustana College of Rock Island, Ill. In order to obtain silverware for the dining room students have been asked to donate any stray forks or knives not being used at home. In anticipation of increased patronage restaurateurs and hotel men have already raised cover charges. All is not gold that glitters; at Augustana it's silver.

TECH TIME TABLE

All items appearing in Tech Time Table will be those which are scheduled with Dean White. No other items will be used.

MONDAY

Physics Club, 5 p.m., 307P
Newman Club, 5 p.m., 405M
IVCF, 5 p.m., S.U. Auditorium

TUESDAY

Mechanics Colloquium, 8-10 p.m., S.U. Auditorium

WEDNESDAY

Basketball game, 5:30 p.m., Valentine Gym

THURSDAY

Freshman Class, 3-4 p.m., 102C
Night registration, Auditorium

FRIDAY

IRE, 11 a.m., 305M
Night registration, Auditorium
4A Class, 11 a.m., S.U. Auditorium
IAeS, 11 a.m., 211C
APO, 7:30-10 p.m., Lounge

ODE To An Engineer

Who is the man who designs our pumps with judgment, skill, and care?

Who is the man who builds 'em and keeps them in repair?

Who has to shut them down because the valve seats disappear?

Physics Colloquium Hears Siegel Speak on X-rays

The first of a series of bi-weekly physics colloquiums was held last Thursday in room 313 Physics. Dr. S. Siegel, of ARF, spoke on the use of X-rays to discover slip faults in metal. The X-rays are reflected from the surface of the metal onto a photographic plate. This method compares favorably to the photomicrograph method. Dr. H. E. Ekstein, also of ARF, discussed advanced mathematical theory connected with X-ray.

Many Students Attend Sophomore 'Sport Dance'

A large number of IIT students, both stag and couples, attended the "Sport College Dance." There were also a goodly proportion of the 400 girls of Chicago Teacher's College which the Subcouncil of CTC, co-sponsors of the dance, had promised would be there.

The sophomore class intends to continue in its policy of providing social activities of this kind for the entire school body as well as for the sophomore class.

The bearing-wearing, gearing-tearing Mechanical Engineer. Who buys his juice for half a cent and wants to charge a dime? Who when we've signed a contract, can't deliver half the time? Who thinks a loss of twenty-six per-cent is nothing queer? The volt-inducing, load-reducing Electrical Engineer.

Who is it takes a transit out to find a sewer to tap? Who then with extreme care locates the junction on the map? Who is it goes to dig it up and finds it nowhere near? The mud-bespattered, torn and tattered Civil Engineer.

Who thinks without his products we would all be in the lurch? Who has a heathen idol he designates "research?" Who tints the creeks, perfumes the air, and makes the landscape drear? The stink-evolving, grass dissolving Chemical Engineer.

Who burns down all the buildings and doesn't give a damn? Whose rating stands but second to Armour's prebaked hams? Who runs in burning buildings to save a bottle of beer? The inconsistent, heat-resistant Fire Protectioneer.



What's behind this symbol?

This is the familiar symbol of the Bell Telephone System that provides nation-wide telephone service—the best in the world.

The American Telephone and Telegraph Company, through advice and assistance, coordinates all Bell System activities.

The 21 Associated Companies provide telephone service in their respective territories.

The Long Lines Department of A. T. & T. Company furnishes Long Distance and Overseas service.

The Bell Telephone Laboratories, through constant research, develops new and improved communications apparatus.

The Western Electric Company manufactures telephone equipment, purchases and distributes supplies, and installs central office apparatus for the Bell System.

Communication is the business of the Bell System—to transmit intelligence quickly, clearly and at the lowest possible cost.

BELL TELEPHONE SYSTEM



Prof. C. M. Austin Is Honored by Picture On Magazine Front

Prof. C. M. Austin, a member of the mathematics department at IIT, was honored by the National Council of Teachers of Mathematics by having his picture placed on the front of the silver jubilee issue of "The Mathematics Teacher," which is their official journal.

Austin, who joined the faculty in November, 1945, was one of the founders of the council. It was his belief that a national council should be organized in order to help bring about improvements in mathematical education in the elementary and secondary schools.

After some correspondence with leading teachers in other states, a meeting was held in Cleveland, Ohio, in February 1919. There the National Council was founded and Austin was chosen as the first president of the new organization. At various times since he has been vice-president and director.

Austin graduated from Ohio Wesleyan University in 1903 and was elected to Phi Beta Kappa. Before coming to IIT, he was principal of Oak Park High School for 32 years.

● HURLEIGH

(Continued from Page 1)

ber of men taught to kill while in the armed forces.

"When military forces as large as 13 million men are taught to kill we cannot escape the fact that a small percentage—a very small percentage—will retain their lust for killing...of those crimes committed in the last 90 days, 35% have been committed by men released from the armed forces, and 93% of this number were released because they were 'unsalvageable'."

Hurleigh reiterated Hoover's statement that a single crime of national importance, such as the Degnan kidnap-murder case, would cause at least a dozen crimes of like nature throughout the country.

He cited the case of the Washington, D. C., woman who failed in an attempt to kill the wife of her lover. In an overnight bag that she was carrying when caught were found a meat cleaver, an ax, a meat grinder, a large butcher knife, a saw, an apron, and eight square feet of rubber sheeting.

"It would be very difficult to convince me that she was not influenced by the Degnan case," said Hurleigh.

In another highlight of the banquet Helen Delich, a typist for *Technology News*, was awarded a pair of nylon hose, for her unflinching efforts and cooperation with the editorial staff.

The initiation ceremonies took place before the formal opening of the banquet. In addition to Hurleigh those initiated were Martin Gabriel, A/S Jim Brophy, A/S Chuck Hatstat, and A/S John Harrington Schmidt. A/S Alan Grant, the toastmaster, introduced A/S Ray Olson, who reviewed the history of Pi Delta Epsilon, and A/S James Brophy, who commented on "Technology News: All-American."

Other speakers included Jack White, dean of Students; Lt. H. W. Sargent, of the IIT navy unit; Harvey Anderson, faculty financial advisor to *Technology News*; Frank Wheeler, director of the News Bureau; Paul O. Riding, former director of the News Bureau; Herman Nelson, editor emeritus and present instructor in journalism; and Ray Woolsey, who has supervised the printing of *Technology News* for many years.

Mrs. Kralovec Resigns as Pres. Heald's Secretary

Mrs. Grace Pruitt Kralovec, secretary to President Heald, has resigned her position to rejoin her husband, who has recently been discharged from the armed forces. She was formerly secretary to Dean Clark at Lewis, serving him for nearly ten years.

Students May Buy Concert Tickets

Tickets to the Popular Concert Series of the Chicago Symphony Orchestra will be available in the office of the Dean of Students during the current season. Mrs. Agnes Burge is agent in charge of sales. Tickets for the next concert which will be held Saturday, February 23 at 8:15 p.m. will be available until February 15. Prices (tax included) are \$.30, \$.60, \$.95, and \$1.40 (box seats).

These symphony concerts offer an excellent opportunity for students to hear some of the world's great musical masterpieces, said Mrs. Burge. The concerts were a popular feature with Illinois Tech students in previous years. They are all on Saturday evenings, convenient to the student whose week nights are crowded with studies.

On February 23rd, Hans Lange will conduct. The program is as follows:

Overture to "Oberon" Weber
Symphony #3 ("Eroica") in E flat major, opus 55 Beethoven
Serenade #6 (Serenata Notturna) D major (Köchel 239)
Symphony #2 "Tasso: Lamento e Trionfo" Mozart

Illinois Tech Orchestra to Play At Commencement Exercises

When the orchestra plays at the commencement, Saturday, Feb. 23, it will be the first time in the history of IIT that a graduation has been accompanied by orchestral music.

Originally, graduation exercises were held in the Student Union auditorium, which was equipped with a fair-sized pipe organ, a relic of the days when the building was the Armour Mission. Later the commencements were held in a church, also equipped with an organ.

Since the reopening of the Museum of Science and Industry, IIT has held its graduation in the auditorium there. This room has no organ and the music furnished had to be the recorded variety, operated by remote control; this was in many ways unsatisfactory, stated Charles Nash, commencement marshal. In one instance, the phonograph operator failed to see the signal to start the music, and the recession was halfway finished when the music began.

The main difficulty in having the orchestra play will be the stage space available, since it is customary to have a body of faculty members present in addition to the speakers.

Mathematics Seminar To Hold Meeting Friday

The Mathematics Research Seminar will hold a meeting Friday morning at 11 a.m. in Room 214 Chapin. Prof. L. R. Wilcox will lecture on "The One Dimensional Case" which is the first of a series of three lectures to be given. The series is entitled "A Mathematical Theory of Traffic Light Networks." The remaining two lectures will be given sometime next term. All interested faculty members and advanced mathematics students are invited to attend.

William Fleer to Speak At IAeS Meeting Friday

The guest speaker at the Institute of Aeronautical Science meeting this Friday will be William Fleer, senior mechanic for TWA at the Chicago Municipal Airport. Mr. Fleer will speak on the subject of maintenance of aircraft with regards to commercial airlines. The meeting is in Room 211, Chapin Hall at 11 a.m.

These talks are intended to introduce the students to certain phases of aeronautics which they do not meet in the classroom, said Professor C. O. Harris, faculty sponsor of IAeS.

Navy V-5 To Be Here in March

Fifty-five V-5 trainees will report to Illinois Tech on February 28th to complete the complement of the V-12 NROTC unit, according to Capt. D. McGregor, commanding officer. These men, from Case School of Applied Science, will remain in V-5 and will not become NROTC students.

The addition of these men increases the complement of the unit for the March to July term to 200 men. According to Capt. McGregor this quota of 200 men is only for the coming semester and that it is the intention of the navy to maintain a unit of approximately 300 students in the peace-time NROTC program in the future.

Capt. McGregor also stated that the disposition of trainees in the various quarters for next term has not as yet been determined. It is contemplated, however, that the V-12 students will be in a separate house.

Franklin P. Adams, Radio Wit, Enlivens Large IIT Audience

"The tragedies of school life are the worst of life; after school, working is like velvet," said Franklin P. Adams, noted radio wit who spoke last Friday morning to one of the largest audiences ever seen in the auditorium.

Dr. Karl E. Schoenherr To Speak at Colloquium

The regular monthly meeting of the Mechanics Colloquium will be held tonight in the auditorium with Dr. Karl E. Schoenherr, dean of engineering at Notre Dame University, as guest speaker. His topic will be "Fundamentals of Ship Propulsion." Dr. Schoenherr is a well-known consultant and has contributed broadly to literature in the field of hydrodynamics. For two years he held the position of Senior Naval Architect at the David Taylor Model Basin in Washington.

A dinner meeting will precede the program of the evening. The meeting is open to all interested.

Freshmen Make Plans For Early Spring Dance

Members of the freshman class met last Thursday to inaugurate plans for the dance that will be held about March 20.

At this meeting various committees were set up to carry out the plans of the freshman executive council. Ed Zietz was named dance chairman and all committees are responsible to him.

The following committees were formed: Program, Ken Turner and Ed Sevin; decorations, Celia Barbeau, Evelyn Beacham, and Mike Kuzniak; Publicity, Roy Brodner, R. B. Orensteen, and Sam Rand.

Glass Blowing Technique Explained by Hans Landay

The student chapter of American Chemical Society sponsored a glass blowing demonstration last night in Science Hall. Mr. Hans Landay, glass blower for the Armour Research Foundation, demonstrated various methods used in the blowing of glass. In the course of the demonstration, the audience was called upon to participate by trying their skill. Mr. Landay made animal characters and other objects from glass and showed, by means of polarized light, the strains induced in glass by heating without proper annealing.

After the exhibit, a "chemical tea" was served in the lounge, consisting of cup cakes and tea and punch served in beakers and other chemical equipment.

Henry T. Heald, president of IIT, introduced Mr. Adams to the assembly. Dr. Heald said that he had heard the rumor that most famous men have poor college records so he looked up Mr. Adams' record; Adams is one of those who breaks the tradition. He maintained a straight "A" average all the way through his days here.

By mere coincidence, he said, Dr. Heald met Adams on the train Thursday night traveling to Chicago. Mr. Adams was wearing a yellow and black tie for Armour's colors. When he was informed that the school colors have been changed since 1899 he said he would be patriotic anyway. When he put in his appearance on the campus Friday morning he was wearing a tie of black, red and gray.

In his talk, Mr. Adams gave a summary of his experiences—first of all some of the anecdotes about his school days at Armour Scientific Academy. One of the things he remembered most clearly was what one math professor told his classes. He said, "Never say you understand something, but can't explain it. If you understand something, expression comes naturally."

Evidently, Adams was a "Peck's Bad Boy"; Pres. F. W. Gunsall's daughter Beatrice, was attending school here when he was. They were caught raising a ruckus in the library one day and were promptly sent to the office of the president. He told them that they would both be put out of school if they did it again. The next time they were cutting up, they were careful not to be caught.

He then told a little about his working experiences. His first newspaper job was with the Chicago Journal, writing a daily poem on the weather report. On becoming bored with this he took the advice of George Ade, a personal friend and well-known American humorist, and went to New York to seek employment. At the time Adams held such high opinion of Ade that he would have jumped off the Masonic Temple—then one of the highest buildings in the city.

Many times during his talk Mr. Adams was tempted to tell an anecdote about one or all of his four children, who he says are not overly intelligent, which trait he claims they got from their mother.



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