

Foremost Engineering Students To Receive Awards Thursday

Alex D. Bailey Speaker At Honors Assembly; Announcement Of Tau Beta Pi Pledges Planned

Alex D. Bailey, vice-president in charge of operating and engineering for Commonwealth Edison company, will be the guest speaker at the honors assembly at 11 a.m. Thursday in the North Union auditorium.

Illinois Tech Votes For Class Officers On January 16

Class elections for all terms except first and eighth will be held on Friday, January 16.

Those wishing to run for a class office may secure petitions either from Dean John F. White's office or from the ITSA office. Twenty-five signatures are required and the petitions must be returned to Dean White's office by noon Friday, January 9.

The positions open for candidates in the 4B and junior classes are president, vice-president, secretary, treasurer, social chairman, and SUBC representative.

The sophomore and freshman classes will elect a president, secretary, treasurer, social chairman, and SUBC representative. The ITWA will elect two senior representatives. Candidates for this office must be in their sixth or seventh term at the time of the elections.

All persons elected will serve for the coming semester only with the exception of the 4B's who will serve two terms.

Vote On Page Five

A student poll is being taken to determine whether or not the ITSA should join the NSA. A ballot for the poll appears in this issue and should be cut out and deposited in the ballot box in the S.U. lounge either today or tomorrow.

Those who are in doubt as to which way to cast their vote should carefully read the pro and con stories on the subject in this issue before making any decision.

League Title Contest Opens

Students on the Illinois Tech campus have the opportunity to win five dollars in a contest sponsored by Technology News.

Object of the contest will be to find a name suitable for the newly organized athletic conference of which IIT is a member.

Five dollar prizes each given by the athletic department, will be awarded persons entering the two names considered best by the judges.

All entries must be in the Technology News box by December 19. Students, except staff members of this newspaper, may enter the contest. There is no limit to the number of entries allowed each student.

The two best names will be presented at the next conference meeting by John J. Schommer, director of athletics, for consideration by the group.

Colleges in the conference besides IIT include George Williams, Wilson Junior, Concordia, and Aurora. Other schools may join the conference at a later date. Baseball and basketball will be the primary sports the conference will cover.

A 1908 Lewis graduate in ME, Mr. Bailey started his career in 1903 as a draftsman. After subsequent promotions, he was appointed chief operating engineer in 1936.

Bailey Was ASME Pres.

Nationally prominent in various electrical and mechanical engineering societies, he was national president of the American Society of Mechanical Engineers in 1945.

Mr. Bailey is currently vice-chairman of the board of trustees of the Illinois Institute of Technology. At the formal opening of the Technological Institute of Northwestern university, he received the honorary degree of doctor of science as "a practical engineer who has combined an active career in industry with an energetic interest in engineering education."

Notification By Telegram

Highest honors to be conferred at the assembly will be the announcement of new pledges to Tau Beta Pi, national all-engineering honorary fraternity. Henry T. Heald, president of Illinois Institute of Technology, will present the new men. As in the past, men selected for Tau Beta Pi will be notified a day in advance by telegram.

In addition, awards are to be made by honorary engineering fraternities to a freshman or sophomore of outstanding scholastic ability in each department. Other honors will be granted by the numerous honorary societies on the campus.



Alex D. Bailey

White Collar Girls Sponsor 'Tinsel Tussle'

"Tinsel Tussle" was the name chosen by the White Collar Girls of IIT for their Christmas party, to be held December 18 in the North Union lounge.

Featuring a large turkey to be given away during the evening, the "Tinsel Tussle" will begin at 7:30. Dancing, free refreshments, cards, and games will be the activities of the evening. Tickets are now available from any White Collar Girl on the campus.

The name of the dance was carried over from last year's successful parallel, with the intention of establishing a tradition, according to Julie Balich, president of the WCG. "Staff and faculty members and students are all cordially invited," said Julie, "we'll let the hand-painted tickets speak for themselves." These tickets were done by volunteers among the WCG's who cooperated in the interest of the party's success.



PROFESSOR DONALD SMITHBURG (left) and Professor Harry Henig (right) debate the question "Should we revive OPA?" at the meeting of the Business and Economics club. See story below.

Smithburg, Henig Consider OPA Revival

Harry Henig, professor of economics, and Donald W. Smithburg, assistant professor of political and social sciences, debated on December 5 the subject, "Should we revive the O.P.A.?"

"This is not," said Professor Smithburg, "a problem of political science or economics, but one of ethics. The situation at present is fraught with inequity; corporation profits have increased immensely while wages have dropped, so that now our purchasing parity under the GI Bill has fallen by nearly one quarter."

"Sensible conservatism would be to establish controls now, for another depression may well mean communism for this country."

More Power Cor Truman Urged Professor Smithburg advocated for alleviation of this problem, "handing over to the President for allocation all powers necessary for the control of prices and rationing for at least three years."

This plan would equate wages and prices with normal worth and stop or slow down inequities in our present system, he stated.

"The revival of the OPA," said Professor Henig, "would lead to a larger black market than there ever was during the war years."

Public Will Not Accept OPA "Psychology of the war effort, which helped the public tolerate shortages at that time is absent now. The feeling on the public's part that such shortages are unnecessary now and fear of less profits on the part of producers might well defeat another OPA."

"The control of the money supply," Professor Henig continued, "in banks and the hands of the public would be best accomplished by offering long-term securities bearing high interest rates."

More Time To Wed

Technology News has changed its time limits for romantic Techawks to qualify for wedding gifts.

The new change in rules enable altar-bound students to qualify for a Technology News wedding gift by taking the vows any time between December 17 and January 5. Previously the rules called for a shorter period of time in which students could qualify.

In order to receive a "useful and practical" wedding gift the prospective bridegroom must signify his intention to wed before Wednesday, December 17, supplying name, address, and telephone number to a member of the Technology News Managing board.

Tech Jamboree Program Altered

All IIT was alerted Monday for the Techawk Jamboree being held Friday.

Additional developments have occurred since then. O. Gordon Erickson has agreed to bring the music clubs to play at the pep rally.

A nationally known athlete may appear for a short talk to the assembled Techawks.

Bring Your Date

Sam Curiale, service chairman of Alpha Phi Omega, announced that, contrary to the statement in Monday's edition, "No one is expected to desert wife and family for this event. If you've a date or the wife or family is holding you back, bring them along. No one should miss this."

"Tobaccoland" Will Be Shown

The latest schedule prepared by the organizations planning the jamboree starts at 5:15 p.m. Friday with a technicolor sound movie in the South Union lounge, entitled "Tobaccoland."

At 6 o'clock the real show will begin with a pep rally in the new gym at 32nd and Dearborn streets. Cheers, Tech pep songs, coaches' talks and the guest speaker will appear at this time to give students a picture of sports at IIT.

All-stars To Play

The basketball squad, coached by Ed Glancy will give a demonstration and there will be a game between the intramural and interfraternity all-stars.

At 8 o'clock movies of last year's Rose Bowl game will be shown to the Techawks and their guests.

To fill out the evening, there will be boxing matches in the gym at 9.

Refreshments will be served by the 4B class and free cigarettes will be offered.

The jamboree is sponsored by the ITWA, Alpha Phi Omega, Honor I, the 4B class, and the intramural and interfraternity sports committees.

Richter's Art To Be Shown

Paintings of Friederich Karl Richter, associate professor of modern languages will be on display in the North Union Lounge starting this afternoon and ending Sunday.

A reception and tea, sponsored by Kiva, will inaugurate the exhibit at 3 p.m. Approximately 50 water colors depicting life in Canada and New York as seen by Dr. Richter will be shown. The exhibit and reception is open to all students. Beginning at 4 p.m., Dr. Richter will deliver a short talk on the reasons behind his paintings and answer any questions concerning them.

Many honors have been bestowed on Dr. Richter for his work in art. He has won the Nebraska Purchase prize, and has had his works included in a special exhibit in France.

Christmas Play Tuesday

"Dust of the Road," a Christmas play by Kenneth S. Goodman, will be given by Dramatech at an all school assembly in the North Union auditorium Tuesday at 11 a.m.

The cast includes Virginia Dorciak, Joe Coffey, Edward Storen, and Ralph Sturud. The play will be directed by Frank Hrachovsky, assistant professor of technical drawing.

Student Directory Proposed By APO

Alpha Phi Omega, represented by Sam Curiale at the recent Illinois Tech Student Association meeting, requested an appropriation of \$1700 for the purpose of publishing a student directory which would consist of the names, courses, addresses, and telephone numbers of all students, faculty and employees.

It was determined by a majority vote of the ITSA Board of Control that a student directory on campus is desirable and the ITSA Publications Board has been instructed to investigate all aspects of financing and publishing this directory and to furnish the board of control with a complete study and recommendation at the first meeting of the spring term.

The board of control has appropriated \$500 to Dramatech to enable them to present "Dust of the Road" and "The Male Animal." Warren Brockmeier, who presented the Dramatech budget to the board of control, explained that the sum is to cover the cost of lighting, costumes, scripts, and royalties for both productions.

Illinois Tech students let out a loud moan of protest at the recent Techawk-Maroon game—and not without some justification. They were charged one dollar apiece to watch IIT cagers in action on the university campus.

Illinois Institute of Technology does not charge any admission to Tech games. In contrast to this the University of Chicago charges all but its own students a general admission price.

We can do little about dictating to the U of C on their price policy; however, it would be quite feasible for one of our school representatives to contact the schools we play in the Chicago area and see if it would be possible to get a reduced rate for our students attending the game upon proper identification.

For the remainder of the term registration receipts could be used for identification... Next semester ITSA activity cards will be issued to all full time students.

Potatoes And The New Look

The Department of Agriculture is out to produce a potato with a new look.

The potato growers are worried because most of us now have an indifferent attitude—we can take potatoes or leave them. The potatoes are sick over it, except, of course, those found in the Triangle restaurants of this city.

The Department of Agriculture has instigated a research program to determine if the potato can be improved from the consumers' viewpoint.

If you think getting excited about potatoes is foolish, you don't know your potatoes.

The potato is not a root, as it is commonly thought of. It is really thickened underground stems called tubers. The eyes are leaf-buds which, if left in the ground long enough, prolong themselves into leafy stems.

The purpose of these tubers is to store up reserve food for the plant.

Although potatoes were unknown in Europe three and one half centuries ago, is difficult to conceive of life today without them. They have become the number one table product in this country.

We each eat an average of three bushels of potatoes per year.

Potatoes and history go together like Fluid Mechanics and trouble.

The potato was originally found on the American continent and transported to Europe. In 1778, Louis XVI, King of France, liked the potato flower so much, that he wore it in his lapel.

The United States received one of its largest groups of immigrants because of the potato famine in Ireland. The potato has exercised a beneficial influence on the health of Americans and it has greatly increased our national wealth.

During depressions we stop eating more costly meats and switch to more potatoes.

No wonder the government is turning to research for a new potato look.

TECHNOLOGY NEWS

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Now The Potato Takes On A New Look



Man Of The Week

Dudley Budlong Decides On EE Career Rather Than One In Baseball

By Don Goldsmith

Gather 'round me, chillun, and I'll tell you a story. This is the tale of an electrical engineer. No, Rollo, it isn't a horror story. Anyway, this is the story of an electrical engineer named Dudley Budlong.

When Dudley was a little boy, he wanted to be a professional baseball player. But, when he graduated from Arlington Heights high school in 1939 with the highest honors (he was president of the student council, president of the Junior class, sports editor of the school paper, and a member of the glee club), he lost his desire for lighter things and decided to become an EE. Dud went to work for Commonwealth Edison during the days while attending night classes at IIT. Then, in 1942, he was cordially invited by the government to attend a state ceremony at Fort Sheridan. After serving with the signal corps in Alaska, he was transferred to the Air Corps and was stationed at Albuquerque as a communications officer. In 1945 he was discharged.

Dud reentered IIT in October of that year, and immediately began to pile up more honors. He was elected to Eta Kappa Nu, which is an organization for EE's who can answer questions like: "How long is the Wheatstone bridge, and what river does it cross?" Now he is president of that august organization. He was also secretary of AIEE, a member of Alpha Phi Omega, and the Vet's club. He would also have been a member of the golf team since he shoots in the low 80's, but he lives in Elgin and wouldn't be able to get home after a match until the wee hours of the morning.

What's that, Penelope, you want me to tell you a love story? Well, this is a love

story. You see, this hard working EE used to like to take camping trips, and on one of these trips with the Senior Scouts they happened—just happened, mind you—to camp near the camp site of three girls, two blondes and a brunette. The brunette is now Mrs. Dudley Budlong, and they are living happily ever after. In fact, Dud gives his wife a large share of the credit for his being able to continue his studies at Tech. "Not only is she a wonderful cook and a fine mother to the two little Budlongs, but she is an efficient manager and auditor of the family funds."

Letters To The Editor

Reader Urges Social Awareness

Sir:

We know how apathetic the average citizen is about the activities of his government. Of course some parlor politicians speak out vehemently on some pet theory, but few do more than occasionally vote at election time.

The student, while still in college, hasn't as yet reached this state. Even engineers, thru liberal studies electives, have the problems of our society brought before them, arousing interest and sometimes indignation. If allowed to "knock their heads against the wall of reality," i.e. antipolitically, they may grow into citizens interested in their governments' actions and capable of acting on their convictions.

However, we cannot act alone, for the efforts of the individual seem insignificant and the processes of social change so slow, that the temptation to ignore all but personal problems is great. Only through the inspiration and knowledge of joint concern over the problems of our society, and through joint efforts towards their solution, can the battle for improvement be continued.

In conclusion, I ask the important question—How will IIT graduates react when, as citizens, they face issues such as the recent question of public housing? Will they examine the various aspects, or merely shrug a shoulder and say, "Oh, it's all politics anyway." The administration's policy may answer this question.

Jona Cohn

Editor's Note: Technology News will award a carton of Chesterfield cigarettes to each of the two best letters submitted to the Letter Box for any one issue. Letters should not exceed 250 words and must be signed although names will be withheld on request. To be eligible for any one issue, letters must be submitted by noon of the Thursday preceding publication. The editor reserves the right to shorten letters.

Scientist Face Mobilization Law

By Tom Marchwick

Earlier this year the President vetoed a bill that will probably have more effect on the men in this school than any legislation since Selective Service.

The United States Scientific Research foundation died for reasons, political and sensible. The sensible motivation lay in the fact that some of the country's best scientific minds had become too scientific for our own good.

In 1942 West Virginia's Senator Harley Kilgore became interested in mobilization of science by law. Since a scientific "lobby" was nonexistent, there was a monumental amount of nothing done until July '45 when Dr. Vannevar Bush made his "Science, the Endless Frontier" report to President Truman.

By coincidence, Senator Warren Magnuson immediately introduced a bill exactly carrying out the Bush recommendations. It beat Kilgore's revised version of his bill within a few days. After joint hearings, the Senate passed a bill based on the Kilgore submission.

Nothing daunted, Senator Magnuson succeeded in getting the House to pass his bill incorporating the Bush ideas. The chairman of the subcommittee let the thing lay around and it died right there.

This year, the Republicans passed the Smith Bill, still intact with all the Bush recommendations. It was sent to the President and promptly killed.

The proposed administration of the foundation was a pip. As okayed by Congress, the president was to name 24 board members giving due consideration to recommendations by the National Academy of Sciences which Dr. Bush heads. In addition, the director would be untouchable, neither the President or Congress having control over him. Admittedly Dr. Bush is capable and has a great deal of personal integrity but consider what would happen if in the coming years a director was appointed who wasn't equally as capable.

This bill is at its political crossroads. The responsibility for its becoming a stimulant to industrial and scientific development or a haven of refuge for politically acute but scientifically illiterate non-entities lies with us. When you consider this thing is going to have details concerning governmental subsidization of private research there isn't an engineer, physicist or chemist it won't ultimately affect.

Slipstick No. 2

Clark: This candy is as good and pure as the girl of your dreams.

Junior ME: Then give me a package of gum!

—IIT—

A minister was asked by one of his least respectable members to offer prayers on Sunday for Anna Bell. The clergyman did so.

A few days later the pastor asked the member if he desired the prayers for Anna Bell to be repeated.

"No, thank you," was the courteous reply. "She won last Monday at 7 to 1."

—IIT—

We know a man who divorced his wife because she was getting indifferent—in different men's arms.

—IIT—

A millionaire, nearing death's door, agreed to try blood transfusion. The supply was obtained from an employee who was a Scotchman by birth, and the result was all that could be desired. When the patient was able to get about he gave the Scotchman \$500. After a time the operation was repeated, but this time the millionaire paid \$250, and still later, after another transfusion, the Scot was paid nothing at all.

"Ah, Sandy," said the surgeon slyly, "it's only what you might have expected. Your blood's just started to work."

—IIT—

A male nurse in a mental hospital noticed a patient with his ear close to the wall listening intently. The patient held up a finger as a warning for him to be very quiet; then beckoned him over and said, "You listen here." The nurse put his ear to the wall and listened for some time then turned to the patient and said: "I can't hear anything." "No," said the patient, "and it's been like that all day."

Policy Of Prom Put Into Hands Of IIT Students

Formality, Music And Style Are Subject Of Greatest Controversy

The Junior Week committee has decided that a poll of the student body will be the best basis on which to plan next year's Junior Prom. There is the most controversy on these points: formality, music, and style.

Formality is divided into three classes; formal, where the men wear tuxedos and the women wear gowns; semi-formal, where the men wear business suits and the women wear gowns; and informal, where the men wear business suits and the women wear informal dresses.

Whether or not the dance has been semi-formal or formal has made little difference in the attendance at recent school dances, according to the committee. One argument in favor of the Junior Prom's being formal is that it has been one of the two formal dances held each year; the Integral Ball being the other.

There also has been some discussion on the type of band that should play. Chicago bands have been the general rule, but name bands can be contacted. Name bands require a large ballroom and there is some doubt whether the sale of bids would justify this double expense.

There are two styles of dance under consideration: the cabaret, with table reservations made ahead of time; and the lounge, where tables are filled on a first come, first serve basis.

All these matters must be considered in planning a dance and the Junior Week committee hopes that students will consider them when making their choice. The prom will be an all-school dance and will meet with success only if the committee can plan what is wanted.

Ballots and ballot boxes for voting on these questions will be placed in both the North and South Union. Votes can be cast from today until Saturday noon.

Illinois Tech Talent Being Indexed By Student Association

An indexed list of Illinois Tech's talented students is being compiled by the Illinois Tech Student Association.

This list will serve as a ready reference when talent is needed for school functions. ITSA is looking for all types of acts and as many acts as possible.

Students who have the gift of talent should offer their services as quickly as possible by placing a note with their name, address, telephone number, type of talent, and any other pertinent information, in the ITSA box, addressed to Shirlee Langill.

Baskets For Needy Institute Neighbors Will Start Friday

A drive to fill Christmas baskets for needy families in the neighborhood of IIT will be sponsored by the Illinois Tech Women's association.

Donations of canned and packaged foods, clothing, toys, and money, will be accepted at the booth set up in the South Union by the ITWA welfare committee, starting Friday and continuing for one week.

Names of needy and deserving families will be furnished by the Webster public school, 3300 Wentworth avenue. Information as to size of the families, number of children, and their ages will be furnished, so that donations may be made accordingly.

Mrs. A. McCann, assistant principal of the Webster school suggests donations of mittens, socks, caps, and other warm clothes for children of school age, since many trunancies are due to insufficient clothing.

Choice of families will be made on basis of need and deservingness, as indicated by truant officer's findings. Mrs. McCann commented that the neediest families are often those too proud to ask for aid.

Carol Moses, welfare committee chairman, requests everyone to help.

Chi Epsilon Pledges Nine Undergrads

Chi Epsilon, national honorary civil engineering fraternity, is now pledging 12 men. CE's being honored include nine undergraduate students, one graduate student, and two honorary members.

The undergraduates named include the following men from the regular day school: Arthur H. Kuhn, Robert Backin, Helvin J. Hine, Joseph L. Waldvogel, Donald E. Miller, Kurtis T. Webb, Zewel Berman, and Herbert S. Levinson. The evening division is represented by John B. Thompson.

D. B. Narasimhaiah, a graduate student from India, will also receive recognition from the civil honorary.

Mr. Claude A. Knuefer, president of the General Engineering Works, has been selected for honorary membership in the fraternity. Mr. Knuefer graduated from Armour Tech with the class of 1915. Robert Lee Janes, assistant professor of mechanics, has also been chosen for this honor. Professor Janes graduated from California Tech in 1942.

Burton Lewis, Chi Epsilon president, said that the selection for membership in the society was made in recognition of scholarship, character, and sociability. Honorary members are selected from the ranks of engineers no longer in school. These men are chosen by the same standards. The initiation ceremony will be held January 8 at Marty's restaurant.

Tech Personalities

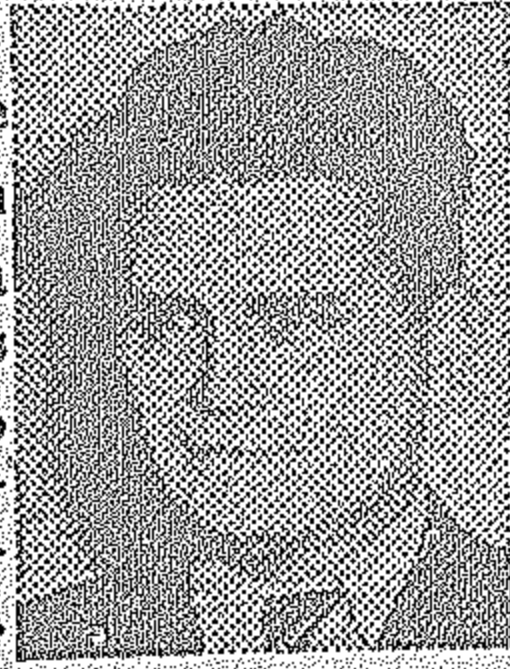
Pro Baseball Life Once Goal Of Rollie Fehrman, Soil Lab Head

Hottest man in the mechanics department is Rollie G. Fehrman, director of the soil mechanics laboratory. Members of the departments august Wednesday afternoon "Athletic Club" say he can hit baskets from anywhere on the court. In the one hand lay-up shot he is average; in the two handed set-shot, however, he is fast becoming legend.

For one whose early ambition was to become a major leagues baseball player, this athletic prowess is not remarkable. Born in St. Joseph, Missouri, he still has an unwavering devotion to the Gashouse Gang. The ambition to become an engineer, however, somehow eclipsed his baseball dream.

He entered the University of Missouri in 1939. Part time work in the soil mechanics lab absorbed any possible spare time. By graduation in 1943, R.G. had no athletic honors, but had distinguished himself in scholarship and found his life's work.

Soil mechanics had found its way into World War II when the Civil Aeronautics Authority contracted Dr. Hans F. Winterkorn of Missouri University to see if he could improve bearing capacity of soil on



air bases. This project engrossed young Fehrman on his undergraduate job. He became so indispensable to Dr. Winterkorn that, when the project was moved to Princeton, Dr. Winterkorn took Fehrman with him.

His stay at Princeton from June of '43 to July, '45 became the busiest three years of his life. Not only did he continue the CAA project, but he also undertook the design of mechanical instruments which were to record data on ram-jet missiles fired by the Navy. In addition, he became superintendent of an arsenal proving ground near Trenton. Somewhere he found time to annex his master's degree.

Rollie came to IIT in July, 1947, and proceeded to take the moth balls out of the soil mechanics lab. The fact that it had been small and unused for over five years didn't faze him for he had done much the same thing for the Bureau of Reclamation in Denver from 1946 to 1947. A man of ambition, he hopes to "build up the lab so it can become a nation-wide center of research for soil mechanics."

Fraternities

Convention, Dances Highlights Holidays

Through the combined efforts of the Praetorians at Illinois Tech, DePaul and Northwestern, a new chapter was incorporated at the University of Illinois with impressive ceremonies at the Congress hotel, November 21. The Illini group will show their strength at the All-Praetorian dance to be held December 21 at the Sherman Hotel.

The IIT chapter will culminate the year with an initiation and theater party to be held over the holidays at an undisclosed place.

Pi Kappa Phi

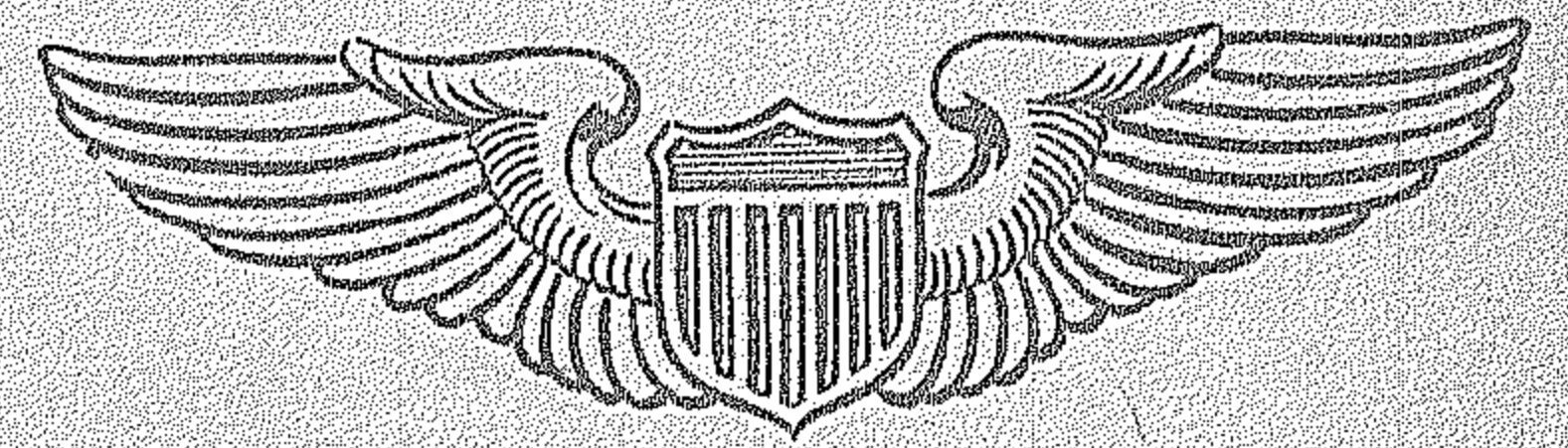
The annual Founder's day banquet for all actives, pledges and alumni will be held December 10 at the Normandy House, 800 North Tower. The banquet will be under the direction of John Oderlin and Dr. Pearce Davis will be guest speaker.

Triangle

Triangle house was the scene of a Mother's club card party during the Thanksgiving weekend. Refreshments were served and as the high

(See FRATERNITIES on page 7)

SPECIAL NOTICE TO THE CLASS OF '48



Here's your chance to qualify for a job that pays \$336 a month after one year's training

A special interviewing team will soon be here to talk with men interested in U. S. Air Force Pilot Training. It is equipped to interview applicants, give preliminary physical examinations and flying aptitude tests.

You may be eligible for appointment to the March 1 or July 1 Aviation Cadet Classes. If you qualify, you begin at \$75 a month, with food, quarters, uniforms, medical and dental care provided. Upon successful completion of the 52-week training course, you're commissioned a Second Lieutenant, Air Force Reserve, and assigned to active duty as pilot with the U. S. Air Force at \$336 a month to start. You also get an extra \$500 for each year of active service. There are many other benefits that make this one of the outstanding opportunities offered to this year's graduating class.

Why not drop in and discuss it?

CAREERS WITH A FUTURE
**U. S. Army and
U. S. Air Force**

INTERVIEWS WILL BE HELD:

DECEMBER 10-11

Alumni Hall Conference Room

9:00 a.m. To 4:30 p.m.

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USAF Representatives Here; Aviation Cadets Sought

"War-time-qualified Aviation Cadets whose hoped-for pilot training with the Air Force was ended by the curtailment of the program in 1944-45 may be reinstated," Maj. C. B. Smith said today.

The scope and requirements for the current Aviation Cadet and Officer Candidate training programs are being explained in detail to interested young men here this week by members of one of the several Air Force traveling teams now visiting major colleges and universities throughout the country.

Men who had qualified as Aviation Cadets during the war and who either were awaiting assignment to, or actually undergoing pilot training when the program was cut down in 1944-45, will be required to pass only the physical examination to again be eligible for pilot training, if they still meet the general eligibility requirements and have had two or more years of college. The progress of the war dictated the necessary curtailment of the pilot training program, and as a result, many men had to be disappointed in their hoped-for Air Force flying instruction.

Program Accelerated

The acceleration of the aviation cadet program to a goal of 3,000 aviation cadets during the coming year has made it possible for the Air Force to offer fulfillment of its obligation to the men who volunteered during the war. Men in this category will not be required to pass the Air Force Qualifying Examination now given to all prospective candidates. If they meet the general requirements, they need merely write to the Chief of Staff, U.S. Air Force, Attention: Aviation Cadet Section, Washington 25, D.C., and request pilot training.

In general, candidates for the Aviation Cadet Pilot Training program must be between 20 and 26½ years old, unmarried, have at least one-half the credits leading to a degree at an accredited college or university, or be able to pass an examination designed to measure the equivalent, and be of excellent character, sound physique and in good health.

Active Duty Required

Aviation Cadets receive \$75 per month, plus food, housing, clothing and medical and dental care while undergoing a year of flying instruction at Air Force installations in Texas, Arizona and Louisiana. Upon graduation they are rated as pilots and assigned to active duty, with Second Lieutenants' commissions in the Air Force Reserve, with pay of \$336 per month. In addition, Aviation Cadet graduates receive \$500 for each year served on active duty.

Under the Officer Candidate Training program, the Air Force is offer-

ing training to civilians for non-flying administrative jobs. The instruction is open to men between 20½ and 28 years of age who are high school graduates and in good health and of sound physique. Successful candidates will be commissioned as Second Lieutenants in the Air Force Reserve, and assigned to active duty with monthly pay of \$246. They also receive an additional \$500 for each year of active duty served.

Pi Delta Epsilon Pledges Fourteen

Chosen for their contributions to the raising of journalistic standards on the campus, 14 students have been pledged by Pi Delta Epsilon, national collegiate journalism fraternity.

Pledged were Jack Wolfe, Jim Wangersheim, Pat Vedel, Frank Valvoda, Charles Trost, and Ken Thompson. Also selected were Ben Sutton, Sam Rand, David Pasik, Joseph Lucas, Wilbert Kedrow, Bob Guthrie, William Furlong, and Bob Cunningham.

The group of pledges, joined by members of the campus publications staffs, toured the R. R. Donnelley and Sons printing plant Wednesday night.

The group witnessed the printing of Times, Life, Sears Roebuck catalogs, telephone books, newspapers, and other types of printed matter.

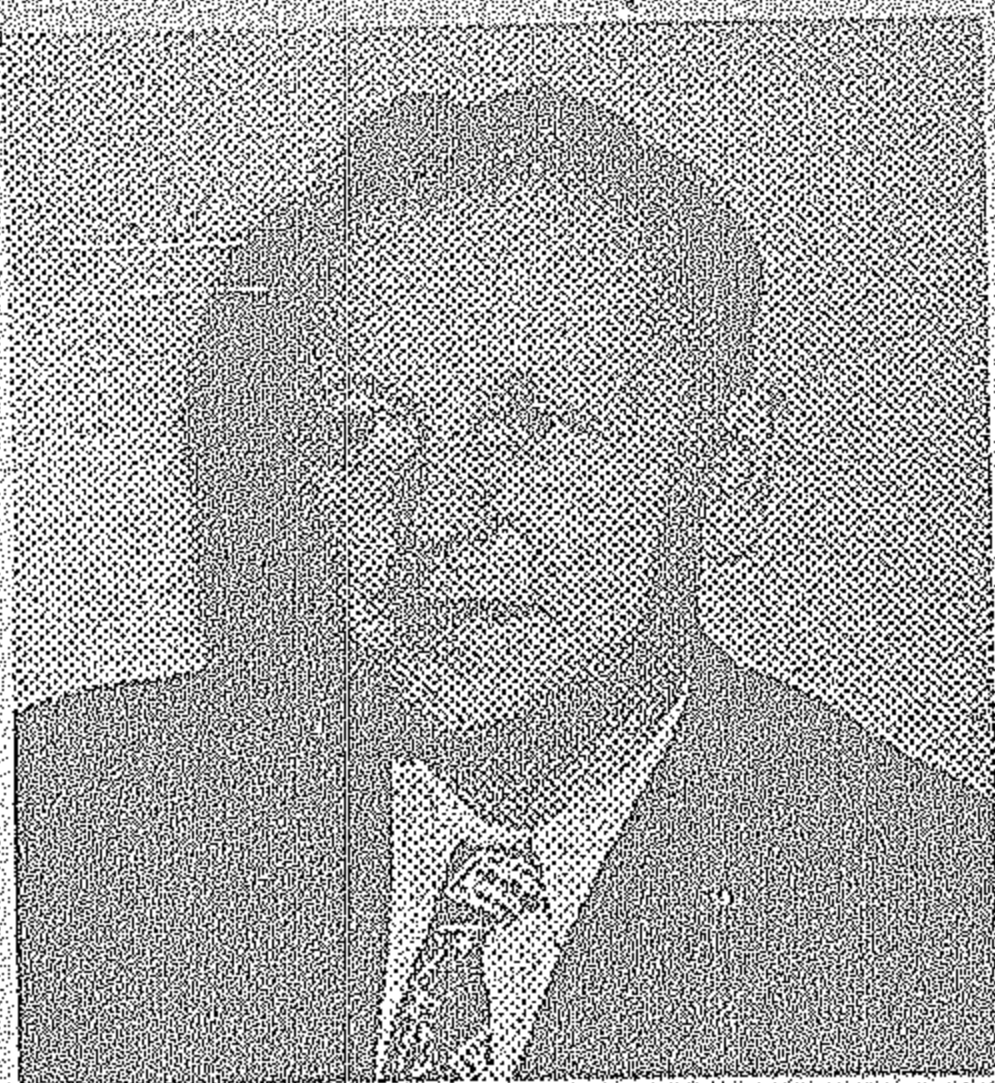
Pre-registration Dates Set For Grad Students

All day graduate students now in attendance who plan to register for courses for the next semester must pre-register between 9 a.m. January 5, and 5 p.m. January 16, 1948.

Graduate students can obtain registration forms and class time schedules at the graduate school office, room 205M. Students should fill out their registration cards in conference with their advisers. After securing their adviser's approval they are to return the registration forms to the graduate school office for the dean's approval.

Registration for graduate day students for the second semester 1947-48 will be held on February 13, 1948 from 1 p.m. to 4 p.m. at a location on campus to be announced later. At this time students will pick up their approved registration card from the dean and complete registration. No student will be permitted to register unless his card was filed during the pre-registration period at the graduate school office.

It has been announced that 45 master of science degrees and three possible doctor of philosophy degrees will be awarded to graduate students in February.



Friederich K. Richter displays his paintings in the NU lounge. (See page one, column one.)

Vets Are Warned Not To Drop Out

Student-veterans who drop out of schools and colleges before completing their course are cautioned by the VA office that they will have to comply with more strict requirements to get a VA certificate to re-enter training under the GI Bill.

VA explained that veterans must have a supplemental certificate of eligibility when they change from one school or training establishment to another.

A veteran who of his own volition interrupts his training at a time other than at the end of a term, semester or training period, will not be issued such a certificate until he establishes satisfactory evidence that:

(a) His interruption resulted from good cause, i.e., illness, economic conditions, or other circumstances beyond his control.

(b) The institution or establishment in which he was training is willing to reaccept him as a student or trainee.

IRE Meets Monday: Will Hold Election

The Illinois Tech branch of the Institute of Radio Engineers will hold a reorganization meeting Monday, at 8 p.m. in the Chemistry building auditorium.

All students in the electrical engineering department are eligible to attend this meeting and participate in the nomination and election of this year's officers. Movies on "Radio Frequency Heating" will be shown before the business meeting.

Student chapters of the IRE in about 25 leading engineering colleges have already reorganized. Dr. Edwin R. Whitehead, chairman of the EE department, stated his hope that Illinois Tech will follow this example, and have a membership proportional to the large number of electrical engineers enrolled in the school.

Dr. Whitehead also announced the appointment of George F. Levy, assistant professor of electrical engineering, as student advisor of the group.

Illinois Tech Will Play Host To CHE Meet; Technical Papers To Highlight Session

Illinois Institute of Technology will be host to the fourteenth annual Chemical Engineering symposium, held under the auspices of the Division of Industrial and Engineering Chemistry of the American Chemical society.

The two day symposium, December 29 and 30, will be held in the auditorium of the Chemistry building, before a group of 350 persons from all over the country.

Highlight of the session will be an address by Bruce K. Brown, vice-president of the Standard Oil Company of Indiana. He will speak at the dinner meeting December 29 in the Morrison hotel's Terrace Casino.

During the day sessions, twenty technical papers will be presented by top men from universities, such as Johns Hopkins, University of Michigan, and University of Colorado, and industry, including Dupont and the National Bureau of Standards.

Luncheons will be in the North Union cafeteria on both days at 12:30 p.m. Dinners will be at the Morrison hotel at 7 p.m.

Admission to the symposium will be by badge only. Registration will begin in the Chemistry auditorium at 8:30 a.m. December 29. The registration fee for students is one dollar.

VOTE NOW—FORMAL OR NOT FOR THE JUNIOR DANCE

Vote in North or South Union between today and Saturday

Smirl Speaks On Car Gears

"Automotive Transmissions" will be the subject of a talk by Mr. Richard Smirl of the Borg Warner Corp. at next Wednesday's meeting of the ASME. "The crowded school calendar has forced a late scheduling of the meeting," said I. C. Hamilton, president, "and as such it will be held at 4:45 p.m. in the North Union auditorium."

Mr. Smirl is one of the few men in the country at present who is thoroughly versed on the theoretical, analytical, and experimental aspects of automotive transmissions. The main theme of next Wednesday's discussion will accent future applications in the automotive field. Mr. Smirl will employ the use of slides in his talk.

Pins and membership cards will be distributed at the Wednesday meeting.



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"You'll find my name on your Bell telephone—you see it on reels of cable being fed into manholes or strung on poles—you'd find it, too, on the complex equipment in your telephone exchange.

"As the supply member of the Bell Telephone team, I manufacture equipment, purchase supplies, distribute both to the telephone companies, and install central office equipment.

"Year in, year out, I help my Bell Telephone teammates to give you the world's best telephone service at the lowest possible cost.

"Remember my name—it's Western Electric."

Western Electric

A UNIT OF THE BELL SYSTEM SINCE 1882

Newman Club Plans Future Events, New Constitution

A constitution, still in the formative stage, was drafted at the last meeting of the Newman club. Bob Ricker, president of the organization, stated that it is necessary to have the approval of club members in order to ratify the document.

A splash party is being planned for the week before Christmas. The time and place will be announced later. An executive committee meeting will be held next Wednesday to discuss further plans.

Photographs

Publicity Illustrative Weddings, Parties

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a great band

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8:30 p.m.
ladies, .75
men, 1.00
(tax included)

in conjunction with St. Peter's Church bldg. fund

hotel sherman

Final Battle Launched On Merits Of NSA

Pro And Con Of Argument Supported; Students Given Opportunity To Choose

Members of the Illinois Tech Student Association, which includes all students on the campus, are confronted with a major problem.

Below, two vitally interested Techawks have squared off on the question "Should the Illinois Tech Student Association join the National Student Association?"

Unlike other problems that have faced students this decision is going to be decided chiefly by the student body... It is going to be decided now. Use the ballot supplied in the right corner of this page to express your opinion.

NSA — PRO

By Celia Barteau

The Illinois Tech student stands in a peculiarly aloof position. He has little or no contact with his fellow students on American campuses and he has little or no contact with students elsewhere in the world. His horizons are drawn on narrow lines, both at home and abroad. The intellectual exchange with others is slight and cooperative action less than negligible.

We now have a chance to testify this deficient position. We can fill this gap in Illinois Tech's student life by affiliation with the National Student Association, which strives for the very qualities and activities lacking here today.

Double Role Claimed

The NSA fills the double role of a cohesive force in the American university community and an effective American link in international student life.

There is a definite need for an organization like NSA, for there are many subjects, of a non-political nature, upon which unified student action and opinion would be beneficial. Obviously the combined prestige and voice of a National Student Association is more impressive than the voice of a single and isolated student body. As one example many schools have been

considering the advisability of unifying their charity drives. This would benefit the students by removing the repeated drives of individual charities.

The charities would also benefit from a plan of this sort as has already been shown on some campuses. However, some charities have been reluctant to agree to this plan because it breaks into their own schedule. By dealing with an NSA instead of individual student bodies the disadvantages can be overcome.

Special Services Offered

An exchange of useful information on student government, publications, student union buildings, insurance programs, and other subjects of special application to Illinois Tech is contemplated. One of the Illinois region's projects is a compilation of information on orchestras and rooms available for dances in the Chicago area.

Through the combined prestige of its member schools the NSA can sponsor tours by student musical groups, renowned speakers, debating teams, etc. Thus a tour of noted atomic scientists is being planned for Chicago colleges. The NSA has been recognized and given positions on UNESCO and the atomic energy commission.

The NSA will be a medium for providing true representation of American students at international meetings. Before NSA the United States was represented by such minority groups as chose to send members. These groups have given to students of other lands an inaccurate and sometimes actually damaging impression of us.

Four Cent Charge

It has been argued that joining NSA would be an undue expense of

the student body. Obviously the programs outlined above justify ITSA's spending four cents per student from its activity fund.

The necessity and advantages of these goals cannot be denied. As students remain now, they are a non-entity as a group in this country; they can become an important entity by virtue of the National Student Association. Vote "yes" on the ballot to instruct the ITSA board to affiliate with NSA.

NSA — CON

By Ed Adolphson

Should IIT affiliate with a national student organization in which there is little or no student interest? The students of IIT are being asked to express their opinion in a poll conducted by *Technology News* to help the student government of IIT decide whether or not to join the United States National Student Association formed last summer at Madison, Wisconsin.

The fact that the ITSA board is seriously contemplating affiliating with an organization which will probably have the active support and interest of only a handful of men on this campus should be of interest to IIT students.

Expense Claimed A Factor

Cost of NSA to IIT has been initially set at \$128 a year for the national dues. This will increase to \$177 a year if IIT's enrollment exceeds 3,500 students. In addition to the national dues there are regional dues of \$50 a year. The dues, however, may not be the major cost of NSA to us. The cost of sending delegates to the annual convention may cost an additional \$200 to \$300 a year.

The expense to IIT to send three delegates to the constitutional convention last summer was \$150. The national dues were set last summer when it was not known how many schools would affiliate with NSA. Since then only 22 schools have ratified the NSA constitution.

Therefore it can be expected that the cost will be higher than originally set. The NSA budget, if it has been prepared, has not been presented to the students of IIT.

By joining NSA now we would not know the extent of our financial obligations. The source of our dues and expenses would come from the General Student Activity Fund. This fund supports *Technology News* Integral, and other school activities. Each student contributes \$3 a semester to this fund as part of his tuition. This fund has not been increased to absorb the cost of NSA.

NSA considers itself to be a non-political organization, yet it is contemplating affiliating with the International Union of Students with headquarters at Prague, Czechoslovakia. The IUS is an international organization of students, the majority being from Communist controlled countries. Should NSA become a member of IUS it will provide a

BALLOT

Should the Illinois Tech Student Association join the US National Student Association?

Yes _____ No _____

Deposit ballot in South Union

means for Communist groups in IUS to operate in colleges and universities in this country.

Control Difficult

The scope of NSA is so large nationally and internationally and its organization so diversified that it will be a very difficult organization to control. It is expected that it will be necessary for the national president of NSA to drop his studies during his term of office. If and when interest in the NSA decreases it could be very easy for minority

(See NSA on page 7)

WE CATER TO Student Clubs

Refreshment

Staples

At Cost

Illinois Tech So. Cafeteria

7:30 a.m.—8:30 p.m. Sat.-7:30 a.m.—1:30 p.m.

WHOLE SOME

REASONABLE

Student Special

11:00-2:00

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"Jingle Bells"

"JINGLE BELLS" is in for another season of popularity owing to that southpaw of the violin, Johnny Long. Yeah, man, Johnny, you've got a great record!

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—And here's another great record—

More people are smoking CAMELS than ever before!

Illinois Tech Joins Athletic Conference

Five Colleges From Chicago Area Unite

Intra-League Play To Begin With Baseball Season Next Spring

John J. Schommer, Illinois Tech athletic director, announced that the Techawks have entered into an agreement with four other colleges to form an athletic conference. The member schools are IIT, Aurora college, Concordia college, George Williams college and Wilson junior college.

These five schools form the nucleus of what is hoped will be an eight team league. Three other small colleges located in the Chicago area will be invited to join the loop by next fall.

Incentive Is Provided

The league will be operative this spring and some baseball games have already been scheduled. Previous commitments, however, prevent the planning of a round-robin, home and home, series during this school year.

Beginning in the fall of 1948 the schools will schedule league tournaments in those sports in which most or all of the conference members compete. These will probably include baseball, basketball, swimming, and track.

Basketball Games Scheduled

Illinois Tech has long desired to form a conference with schools which have comparable athletic programs. This will stabilize schedules and provide a reasonable basis of comparison between teams of different years. The competition for a league championship will also add incentive to the members of the athletic teams. Yet another benefit of this union should be increased interest and spirit on the part of the student body.

The new league is unnamed. *Techology News* is sponsoring a contest to find an appropriate title. Rules and details of this contest are written on page one.

IM Tournament Draws 24 Clubs

By Ed Jennings

Some 250 aspiring cagers, comprising 24 teams are off to a flying start in IM basketball. Scrapping in four sections of six teams each, fashioned lopsided wins over out-several of the stronger quintets have classed opponents. However, the quality and the spirit of many of the teams promises some hard fought contests in the future.

With members of the Varsity supplying alert officiating, some six to eight contests are being played each week, assuring all teams ample opportunity to show their stuff.

Highlighting the first two weeks of play the Gremlin Maulers, Wolves, Senior Mechs, Whiz Kids, and Frosh Flashes coasted to easy victories over their opponents.

The Maulers, paced by Mel Timmons and Jerry Maatman, who split 29 points, rolled over the Junior Archers 46-9 in a game marked by numerous fouls. Sparked by big Fred Woeller's 19 points, a fast-breaking Wolves quintet fashioned an easy 47-11 victory over the Schnooks, led by Tom Hart's 6 points. The Senior Mechs, of football fame, took the measure of B.N.A. 35-19, Mary Cohn and Danny O'Connell collecting 14 and 16 points respectfully for the Mechs. "Red" Baer and Dan Bohac led the Whiz Kids to a 27-9 win over the Junior Mechs. Grad House was the target of a 39-6 beating at the hands of the Frosh Flashes, paced by Tom Gleason with 12, Jack Merrill with 8 and Howie Gardner with 7 points.

Tech Cagers Play Lake Forest Tonight



J. HEDGE AND R. KOHLER leap for the ball during the Fresh Arch-Aipotu basketball game.

Game Starts At 5:00 Sharp

No Admission Charge To Tech Students

The Techawk cagers open their home schedule tonight against Lake Forest college. The game will be played in our new gymnasium and will begin at 5:30. A large crowd of enthusiastic spectators is expected to witness this intercollegiate inaugural of the gym.

The youthful squad which has been overmatched in its early games, but it has improved with each new start. At times their play has been very good, but these periods have usually been followed by lapses that cost the game.

The team played a good game with Wheaton college in the opener of the Loyola tournament last week. They lost 65 to 55 after trailing by 34 to 30 at the half. However, the inexperienced Techawks made a good showing against a veteran Wheaton team.

Cagers Show Improvement

The next night the Scarlet and Gray led Wisconsin State Teachers college 25 to 17 at the half. A let-down in the second period resulted in a 46 to 43 win for the tall boys from Milwaukee. Our boys showed considerable improvement in team play, though, and from the free throw line where they sank 17 of 23 shots.

Bob Leiser led in scoring this game with 3 baskets and 5 free throws for 11 points. Carl Matson also sank 3 from the floor plus one from the free throw line for 7 points. Bill Smart and Bob Carlson also totaled seven, each making 2 buckets and 3 free shots.

Box scores of the Wheaton and Chicago Teachers games and the season scoring records follow:

Illinois Tech				Wheaton			
	fg	ft	pt		fg	ft	pt
Smart	4	2	10	Wadewitz	1	1	3
Fleck	3	2	8	Brewer	1	1	3
Mikota	3	0	6	Baptist	4	3	11
Bergstrom	3	4	10	Johnson	3	5	23
Leiser	2	2	6	Christenson	5	2	12
Trasky	2	0	4	Garland	0	1	1
Carlson	0	1	1	Schaeffer	3	6	12
Matson	5	6	10				
Totals	22	11	55	Totals	23	19	65

Illinois Tech				Ch'go. Teachers			
	fg	ft	pt		fg	ft	pt
Smart	2	1	5	Taylor	4	2	10
Mikota	0	2	2	Kramp	2	1	5
Bergstrom	3	0	6	Dillow	0	2	2
Leiser	2	3	7	Gray	2	0	4
Urasky	1	0	2	Trahey	3	4	20
Totals	13	7	33	Totals	16	9	41

IIT Scoring Record							
Player	g	fg	ft	pt	av		
Leiser	5	12	15	39	7.8		
Bergstrom	5	12	15	39	7.8		
Mikota	5	10	11	31	6.2		
Matson	5	14	2	30	6.0		
Smart	5	11	8	30	6.0		
Fleck	4	4	6	14			
Urasky	4	1	1	9			
Fuhrer	1	1	0	2			
Roberts	1	0	0	2			
Swanson	0	2	2				
Totals	25	69	61	199	39.8		

for his bout. Keieker lost the heavy-weight match in 1:13 of the first round.

The next meet is with Bradley this Saturday in Peoria, Illinois.

Eighteen Entries Received For Tech Basketball Tourney

Eighteen entries have been received to date for the First Annual Illinois Tech basketball tourney for Chicago Public schools.

The schools entered are Amundsen, Austin, Chicago Vocational, Farragut, Fenger, Foreman, Harper, Kelly, Kelvyn Park, Lindblom, Marshall, Morgan Park, Parker, Tuley and Wendell Phillips. Three incomplete entry blanks were received from unknown schools.

Keen interest has been displayed in the tourney in past years. Most of the high school coaches are eager to try out their teams before the main part of their season gets underway and the results of the tourney are usually indicative of public league championship possibilities. The tourney displays some of the better brand of high school basketball.

The meet, formerly known as the Stagg Tournament will be held in the International Amphitheatre during the Christmas holidays.

This is the second large sporting event that Illinois Tech is now sponsoring. The other event is the Illinois Tech Relays which annually attract the best teams from both colleges and universities in the Midwest. Last year it was the largest meet held in the country.

All-Stars Vie For League Supremacy

Next Friday night the question of which league, IM or IF, plays the better brand of ball will be settled. The game is one of the features of the Senior Smoker, and will start at 7 o'clock.

The contest promises to be a hard-fought affair with the pick of each league participating. The game will be run on a collegiate basis with 20-minute halves, 15-man squads, and regular IM referees.

The IM stars will be selected by Coach Ed Glancy and will undoubtedly field a hard-driving, rangy squad. Probable selections are Woeller, ex-York pivot man, and Maatman, Fenger lightweight captain, as well as Murphy, Futterer, Wallin, Gardner, O'Connell, Ockerland and Jennings.

The IF squad will be selected by a vote—each fraternity selecting one player.

Grapplers Drop Opener 19-16

Tech Grapplers lost their opener last Friday to a strong University of Illinois at Navy Pier team 19-16.

The match was a closely contested one all the way with the last match being the deciding one. Tech won two of the eight bouts by falls, one by a decision, and drew one.

One of the most closely contested and best bouts of the evening was won by Schermeister (Tech) 176 pounds over Arthur (Illinois) 175 a former city champ by a fall in the last 4 seconds of the last round. Tech's other win by a fall was accomplished by Paul in 1:36 of the second round over Yahiro of Illinois. Both weighed 135 pounds. In the 145 pound class Levi won a decision over Bergner of the Navy Pier team. Paluch of Tech drew the Navy Pier representative Jakobs in the 130 pound class giving both teams three points. Tech supporters were given a severe jolt when Ailara lost the opening bout by being pinned in 1:30 of the second round. Ailara was 5 pounds underweight

Track Coach Plans Practice Schedule

Coach Roy McCauley has called an important meeting of the track team for Thursday at 11 a.m. in the new gymnasium. All men who are or who will be candidates for the cinder squad are requested to attend.

The first order of business will be the announcement of a practice schedule for the entire indoor season. Location, days, and time of these sessions will be stipulated.

The team will also be made acquainted with both the indoor and outdoor schedules as they stand now.

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SAVE MONEY When you return

New "College Special" Round-Trip Tickets go into effect on all railroads on Christmas day. Buy one at your "home station." It will give you a longer limit for your return trip back home during Spring Vacation or at the close of the school year. The new tickets will be on sale for Students and Teachers any day between December 25 and January 16. Take advantage of money-saving round-trip tickets especially tailored for the needs of college men and women. Consult your home town ticket agent or any Railroad representative for cost of tickets, return limits and stop-over privileges.

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Music By
Bill Harder

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BOOTH IN SU

Christmas Party Features Piano Concert By Rapoport

Dr. Anatol Rapoport, concert pianist and instructor in mathematics at Illinois Institute of Technology, will play before Illinois Tech's Women's club at a Christmas party Saturday evening in the North Union.

Dr. Rapoport studied music at the Chicago Musical college, the Glenn Dillard School of Music, and the Vienna State Academy of Music. He has performed in Austria, Hungary, Poland, Italy, Mexico, and the United States.

He appeared at Orchestra Hall in January, 1935, and at Town Hall, New York City, in May, 1945.

Dr. Rapoport, who received a PhD in mathematics at the University of Chicago in 1941, joined the Illinois Tech staff last February.

SUBC Invites School To Open Meeting

Management of the Student Union buildings will be discussed at the Student Union Board of Control open school meeting tomorrow. It will be held in Bernard "Sonny" Weissman's office at 5 p.m.

"The meeting will give interested students the opportunity to express their ideas in the use and maintenance of the buildings," stated Weissman.

● FRATERNITIES

(Continued from page 3) point of the evening, household items were given to the many parents and guests present.

The annual Alumni reunion took place December 5 while plans are now being made for a Christmas party to be held at the House during the Christmas vacation. A committee headed by Bob Guthrie, is making the arrangements for food and decorations.

Sigma Alpha Mu

Bernie Brenner and Lee Schlesinger will represent the Sigma Alpha Mu fraternity at the national convention to be held at the Sheridan hotel December 29, 30, 31. The Alumni club serving as host chapter is planning for an expected turnout of over 300 members and guests. The three day convention will include meetings, a formal stag, a Montmartre affair and will be climaxed with a formal New Year's eve dance and buffet supper.

● NSA

(Continued from page 5) pressure groups to control NSA, as in the case of other youth movements which were refused permission to organize here at IIT.

In view of these considerations and the lack of interest in NSA the students of IIT should avail themselves of this opportunity to instruct the ITSA board to vote "No" on affiliation with NSA.

Dutton Speaks At Meeting

H. P. Dutton, director of the department of industrial engineering, will address the first session of a three day meeting sponsored by the Industrial Management institute of the University of Wisconsin Monday.

CLASSIFIED ADS

Classified ads may be inserted in Technology News for three cents per word. Contact Technology News office. Payable in advance.

FOR SALE

Fellow Students! There is such a thing as Easy Money. Get that Christmas money by selling an item that sells easily. Plastic boxes that may hold jewelry, nyons, and other small items. They make attractive gifts. Profits large, no investment. Requires very little time. Contact Donald G. Miller, 4421 N. LaCrosse Ave., Chicago. Kildare 8496.

'40 Plymouth Tudor in good shape. Radio, Heater, low mileage. Larson, Radcliffe 4748.

LOST

Brown paper bag containing large number of wedding pictures (candid shots). Sentimental value. Please, if possible, return pictures or information concerning them to Room 202 Main building. Reward!

WANTED

Recording set with mike. Will pay \$10.00 to insure return in original condition. Write Dan Shina, Tech-

ACS Initiales 17

The IIT chapter of Alpha Chi Sigma, professional chemical fraternity, is having its semesterly informal initiation in the chemical engineering laboratory on the 4th floor, Main, at 6 o'clock tonight. Afterwards the members will attend the Chicago Blackhawks hockey game at the Chicago stadium.

On Sunday afternoon, the chapter will hold its formal initiation in Chapin hall beginning at noon. After the ceremony the chapter will banquet at the Normandy House restaurant.

The following 17 men are to be initiated: Laynez Ackermann, Richard Baldwin, Donald Craycraft, Harry Fiedler, Robert Gaynor, Max Grimshaw, Otto Hausknecht, Louis Hillenbrand, Constantine Katsaros, R. S. Kenkre, Ted Kolski, Frank A. Krone, John J. Moon, Charles C. Oldenburg, Joseph Peter, George Phillip, and Laddie Thomka.

~~~~~  
VOTE TODAY ON THE NSA  
BALLOTS IN NU & SU.  
—GET YOUR BALLOT ON  
PAGE FIVE, COLUMN FIVE.  
~~~~~

Examinations For Scholarships Are Given; Over 100 High School Students Compete

Scholarship examinations were taken on the campus Saturday morning by over 110 high school students competing for an unannounced number of scholarships covering full tuition for two semesters beginning this February.

The group assembled in the North Union auditorium at 8:30 a.m. for introductory remarks by Warren S. Sivertsen, director of admissions. The examinations followed at 9 in the auditorium of the Chemical Engineering and Metallurgy building and in room 305M.

From 12 to 1 p.m. the candidates were luncheon guests of Illinois Tech in the North Union cafeteria. Members of the admissions advisory board Shirley Langill, Jean Rasmus-

sen, and Grace Bussema entertained as hostesses.

A tour of the campus followed the luncheon with Joseph Hamilton, Bob Jonelis, Joseph Hardman, Bob Cunningham, and William Gauthier, all members of the admissions advisory board, serving as hosts.

Two separate examinations were conducted: one for prospective engineering students, and one for those interested in the liberal studies curriculum.

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Will Repair Your Timepiece At Reduced Student Rates
24 Hour Estimating—3 Week Service
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Miss Your Dinner (if you have to)

Miss Your Date (if you must)

—but don't miss...

THE NEWEST, MOST THRILLING TALENT HUNT IN AMERICA
INCLUDING TOP STARS FROM THE COLLEGES...

"PHILIP MORRIS NIGHT

WITH

HORACE HEIDT"



• Every Sunday Night Over NBC, PHILIP MORRIS FINDS A STAR in a search for the great stars of tomorrow. Performers from all over the country ...including the top talent picked from the colleges! Music, drama, thrilling entertainment... weekly prizes of \$250... and to the winner of the year — movie and radio contracts, plus a grand prize of \$5000 in cash!

Yes! For perfect listening, make a date for Sunday night and hear the stars of tomorrow with PHILIP MORRIS! And for perfect smoking...today, tomorrow, always...light up a PHILIP MORRIS, America's FINEST Cigarette!

BE WITH US EVERY SUNDAY NIGHT OVER NBC...UNTIL THEN

CALL FOR PHILIP MORRIS

Lab Reports Win Vintage At 'Scratch Pad'

Fardulli Sings And Countryman Catches Up On Back Lectures

Jean Fardulli, noted baritone, who has been with the Metropolitan Opera company, spent ten years with the Chicago Civic Opera and was formerly associated with the Paris Opera company, was the featured performer at the "Scratch Pad," the sophomore dance held Friday evening.

The first number sung by Mr. Fardulli was the "Volga Boatman." This was followed by the "Toreador Song" from Carmen. The applause was thunderous and as an encore he sang "Amapola." Those present at the dance were well pleased with his performance and were reluctant to see him leave. For his excellent performance the distinguished guest was awarded with a bottle of champagne.

Another performer at the dance was our own Morton A. Countryman, associate professor of physics, who performed four physics experiments during one of the intermissions. They were on friction, conservation of momentum, velocity, and elasticity. Another bottle of champagne was awarded to the lucky author of the best lab report of the experiments. This is probably the first time that physics experiments were ever performed and written up at an IIT dance.

Don Campbell, social chairman of the sophomore class said, "The dance was a much bigger success than I even hoped for. I want to thank everyone for cooperating and I want to extend heartfelt thanks to Mr. Z. Erol Smith, who did an excellent job as emcee."

SAM To Hear Dutton At Smoker Monday

In order to acquaint industrial engineering students with their chosen occupation Prof. E. P. Dutton will speak at the Society for the Advancement of Management smoker Monday.

The smoker, to be held at 5:00 p.m. in the North Union lounge, will serve as an informal get-together for members and prospective members of the organization.

TECH TIMETABLE

Items appearing in the Tech time-table are those which have been scheduled with the Dean of Student's office.

WEDNESDAY, DECEMBER 10

Kiva, 3 p.m., North Union lounge
Alpha Chi Sigma, 5 p.m., 405M
Newman club, 5 p.m., North Union lounge
Sigma Xi, Mech. colloquium dinner, 6:30 p.m., Main dining room
Sigma Xi, 8 p.m., Chem. bldg. aud.
Mechanics colloquium, 8 p.m., Met. bldg. aud.

THURSDAY, DECEMBER 11

ITVets, 11 a.m., 111C
Honors assembly—IFC, 11 a.m., North Union aud.
Math club, 11 a.m., Met. bldg. aud.
Dramatech, 11 a.m., 102C

FRIDAY, DECEMBER 12

Chess club, 4 p.m., South Union lounge
Free technicolor motion picture "Tobaccoland," 5:15 p.m., South Union lounge
All-School AWOL sports jamboree, 6 p.m., gymnasium

MONDAY, DECEMBER 15

IRE, 3 p.m., Chem. bldg. aud.

TUESDAY, DECEMBER 16

Dramatech assembly, 11 a.m., North Union aud.
AIEE, 11 a.m., Chem. bldg. aud.

WEDNESDAY, DECEMBER 17

Math seminar, 3 p.m., 116A
ASME, 4:30 p.m., North Union aud.
ITWA tea, 4:00 p.m., North Union aud.

Salamander Elects Officers; Accepts Three New Members

At an alumni dinner held by Salamander, fire protection engineering honorary fraternity, three students were formally initiated into the organization.

The men were Robert O'Keefe,

William Ponton, and Claude Shepard.

New officers of Salamander are William Sebastian, president; Race Wilt, vice president; James Stueber, treasurer; and Warren Brockmeier, secretary.

Hear Norway Talk

Prof. Tom Barth, visiting professor at the University of Chicago, spoke on "Norwegian Colonization of Iceland and Greenland," at the all-school assembly yesterday.

Seniors—Attention

All seniors who have not filled out their Integral biographies should do so immediately. Contact Integral office on either Monday, Wednesday, or Friday afternoon.

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