

NURSE ALBERTA Thresher gets K. T. Yang ready for a chest x-ray. The mobile unit, here under the sponsorship of the National Tuberculosis Institute, is set up in the North Union, and will be available to staff and students until next Friday.

TB or not TB? Check chest now

Had your chest X-rayed recently? If not, you still have time to take advantage of the free chest X-ray service being offered to Illinois Tech students and staff in the NU auditorium. The mobile unit will be on campus through next Friday.

This service is sponsored by the National Tuberculosis Institute in an effort to catch tuberculosis in its early stage. As incipient TB has no signs or symptoms, the chest X-ray is the only positive way to make a preliminary diagnosis.

The entire examination procedure has been speeded up to the extent that even the busiest Techhawk should be able to find time to slip into the auditorium. Only a small card form must be filled out and the actual picture taking takes less than a minute.

Pictures will be analyzed by a TB Institute medical officer and each examinee will be informed by mail as to the outcome of this analysis. In addition, the school will be informed of all positive findings and steps will be taken to make further examinations.

This service represents considerable saving to the examinee since a similar picture and analysis by a private physician or hospital would cost about \$12.

Students are urged to take advantage of this opportunity because it has been found that TB cases occur much more frequently in engineering and graduate level schools where students have a minimum of time for athletic and recreational activities.

WSE to pick officers Thursday

Election of officers for the Illinois Tech chapter of the Western Society of Engineers will be held January 13 at 1 p.m. in 302M.

The chapter, activated a little over a year ago, was formed to give engineering students an opportunity to meet practicing engineers in their own field. Technical sessions, held at 84 E. Randolph and sponsored by the parent organization, are also open to students.

With the exception of one or two all-school assemblies, at which prominent members of the engineering profession are guest speakers, the chapter holds no regular on-campus meetings. "The Midwestern Engineer," the society's monthly magazine, is, however, received by all members.

Membership applications from interested junior and senior engineering students will be accepted at the meeting.

Rent controls spur B & E club debate

By Henry Holmes

According to an unimpeachable source, both Harry Henig and Donald Smithburg of the BE and PSS departments are girding their tongues and preparing to advance on the MC auditorium at 4 p.m. Wednesday for their debate on "Should Rent Controls be continued?"

A recent communique from Professor Henig's headquarters announced that he would carry on his fight against rent control "to the last syllable."

In a copyrighted story bearing a Chapin hall dateline, D. W. Smithburg, assistant professor of political science and leader of the pro-rent control forces, expressed optimism in regard to Wednesday's crucial battle, and shouted his familiar battle cry, "Damn the landlords, full steam ahead!"

Sources close to Professor Henig told of the economics prof's belief

that this year's debate would probably surpass last year's epic struggle in which these titans battled to a bloody draw on the subject "Resolved: Price Controls Should Be Continued." It has been universally predicted that this decisive encounter will send Cicero and Cataline, Webster and Hayne, and Lincoln and Douglas scurrying back into the shadows of forensic history. (The debate will probably be recorded in history as the "Battle of January 12, 4 p.m." or "The MC War.")

The debate is sponsored by the Business and Economics club, and is open to all interested persons.

Praise career parleys

With an enrollment of 360 students, writing and journalism took the lead in vocational preference among the Chicago area high school and junior college students attending the three-day Career conference held at IIT last week. The next nine fields preferred were chemistry and chemical engineering, electronics and electrical engineering, medicine, advertising, stenography, teaching, law, dramatics and art, in that order.

The official registration count totalled more than 1,100 students with 1,500 added people who "dropped in." Robert Cunningham, admissions counselor at IIT, stated that many students didn't attend "because the Christmas holidays had started and because of adverse weather conditions." Publicity for the conference was "well directed" but

came a little late for high enrollment.

After hearing a keynoting address by several prominent men, the students each went to about three of the 135 counselling sessions offered that were held in CB, MC and Alumni Hall. Guided tours were organized and students were familiarized with the workings of IIT.

Following the lecture sessions, the speakers wrote their impressions of the conference, and were unanimous in their praise of "student interest and the serious quest of information in the various fields."

In response to questioning, Lewis Glassner, originator of the conference idea, stated that it was hoped that the conferences would be "held every year, to promote better understanding of the educational benefits to be derived in colleges and universities all over the country."

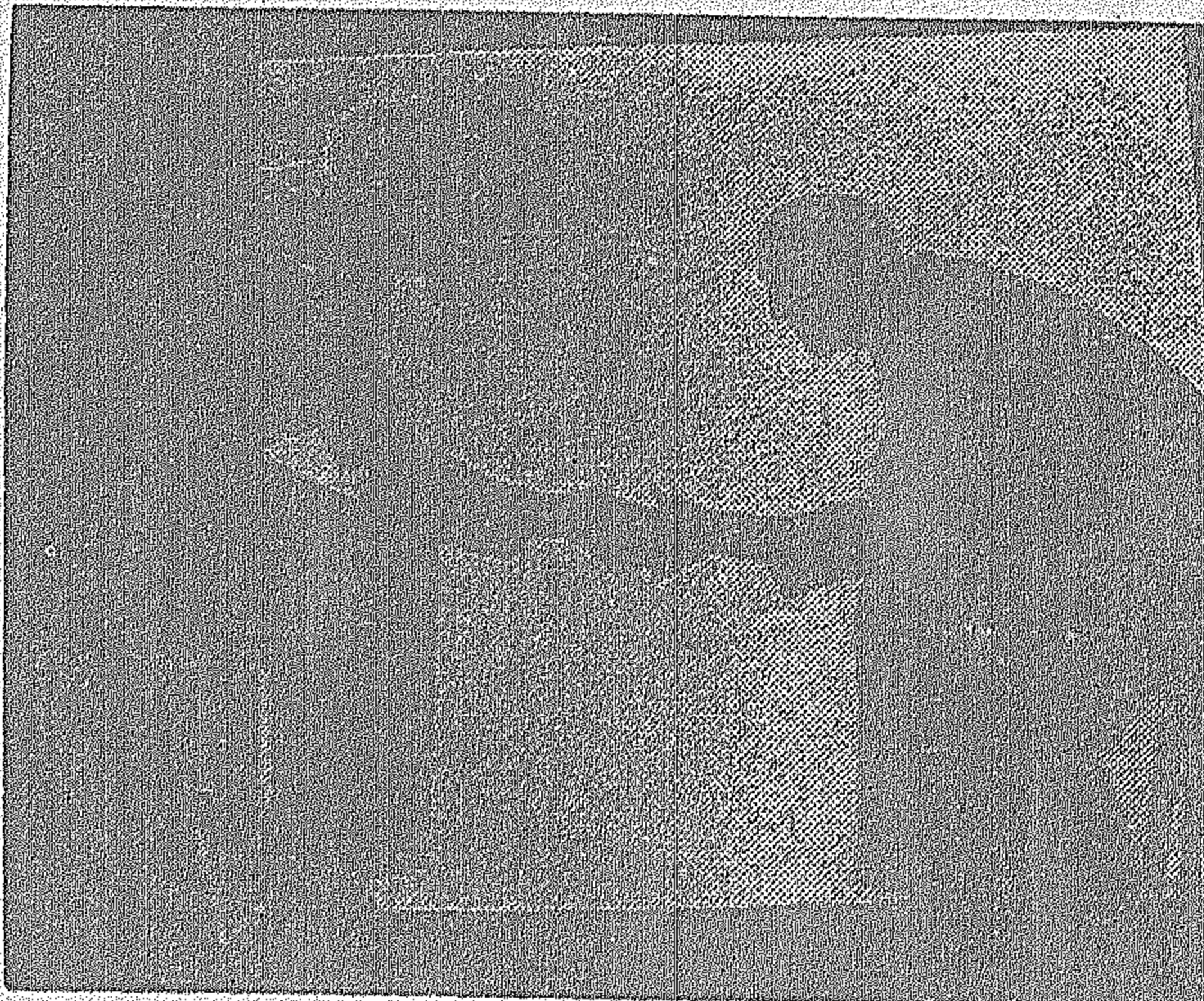
TECHNOLOGY NEWS

Volume 48, No. 13

Illinois Institute of Technology, Chicago, Illinois

January 7, 1949

New stairs rising



Students get new lift in Chapin hall

Something new has been added to Chapin hall.

The old stairway at the north end, having become quite worn, has had to be replaced by a completely new one. This was to be accomplished by simply tearing out the stairway from the front and putting in a new one. But difficulties set in.

It was decided that there was not enough room to put in new stringers. This was no problem. In fact, it saved work. All they had to do now was put in new treads and risers.

So they tried to remove the treads, from the front, of course. This proved impossible because it was discovered that the old treads were put in from the back. The old stringers were slotted and the treads were slid in from under the stairs, like drawers.

The original carpenters slid in a tread, put up a riser, slid in a tread, put up a riser, etc. Now came the thing that everyone was afraid of. The plaster had to come down in order to work from behind the stairs.

Now that the plaster is down, the work is well on its way, and nearing completion. As Walter Parduhn, superintendent of buildings and grounds, says, "It would have been easier to let them just wear away to nothing."

HOW WOULD YOU like to shake hands with your own shadow? The "House of Magic" show, to be held January 19, will demonstrate this phenomenon.

Science sleight of hand featured in GE show

General Electric company's "House of Magic" exhibition, to be presented January 19 at 1 p.m. and 5 p.m. in the North Union auditorium, will feature demonstrations whose operations have mystified many.

The show has stemmed from work done at the General Electric Research laboratory which started in back of Charles Steinmetz' barn in Schenectady, New York. It follows the principle that "observing simply a few of the more novel and unusual aspects of science seems like watching magic at work." Although it has left the research laboratory and gone out to audiences all over the country, the "House of Magic"

maintains close ties with the laboratory and from time to time adds new demonstrations based on laboratory projects.

Said John Tyner, vice-chairman of the AIEE, "Students attending these shows surely will leave with a greater interest in electrical phenomena."

Pollsters asked to return blank survey forms

All members of campus honoraries making faculty rating surveys are asked to turn in immediately any extra survey forms to the council room. A number of classes have yet to be polled and no more forms are available.

"Enough forms were printed to cover the need," said Bob Hamilton, IHC president, "but small quantities of unused forms in the hands of many of the pollsters have created this shortage."

No final exams . . .

scheduled yet. Because the registrar's office failed to meet the deadline, no final examination schedule appears in today's Technology News, the last of the semester. But don't give up hope . . .



CAPTAIN RON URSICH of the champion Senior Gremlins smiles as he receives the new trophy presented by Editor-in-Chief Dave Pasik for winning the first annual Technology News "Slide Rule Bowl." Assistant sports editor Jim Wangersheim looks on. Other Gremlins in the picture are (left to right) Harry Marcado, Norm Toberman and Ray Bulka, who received miniature footballs as a personal token. The Gremlins, intramural champions, won the Technology News sponsored-game over the IF champions, Delta Tau Delta fraternity, 7-0.

SAM gets Tech election movies

Newsreel shots of the recent IIT class elections will be included in today's free movie program in the MC auditorium. Obtained by special arrangement with television station WGN-TV, the campus scenes will be shown twice—first at 3:30 and again at 4:30 P.M.

"Dozens of Techawks are recognizable in these action pictures," according to Seymour Lorber, president of the sponsoring Society for the Advancement of Management student chapter. "Although IIT scenes appeared in four editions of WGN-TV's Chicagoland Newsreel, many at Tech Center will see them today for the first time."

Other pictures in the program include a musical short featuring songstress Dorothy Maynor, and "Dawn of Better Living," color film on the electronic homes of tomorrow. Also to be shown are color productions on the strategic Saudi Arabian oilfields, tree farming, and railroading in the rugged Northwest.

T.F. Lindgren to speak to women's club

Theodore F. Lindgren, director of visual education, will speak before the Illinois Tech Women's club at 2 p.m. Wednesday in the MC auditorium.

His talk on "Life at Illinois Tech" will be supplemented by a movie taken on the campus.

Following the movie and lecture, tea will be served in the executive conference room for staff and club members.

FPES election Tuesday

An election of FPES officers will be held at 1 p.m. Tuesday in 108C. All members are urged to attend.



NEW MEMBERS of Technology News' managing board are briefed by Dave Pasik (center), Editor-in-chief. Left to right are Alan Plait, Ed Michelic, Pasik, Ted Purzycki and Mel Friedlander.

Name TN managing board

Five Technology News staff-men have been elevated to editorships for the coming semester by Editor-in-Chief Dave Pasik. The new editors, filling mid-year vacancies on the Managing Board of Technology News, are Ed Michelic, features, Ted Purzycki, make-up, Joe Bass, copy, Mel Friedlander, sports, and Alan Plait, assignments. John Tyner, present assignment editor, will take over the office manager's position.

Leaving the editorial staff are Ben Sutton, sports editor, and George O'Brien, January graduates, and Jack Wolfe and Don Goldsmith.

Ed Michelic is stepping into the feature editor's role after three semesters as a feature and news writer. He handled most of the dance promotion stories the past year and was a regular cartoonist. Michelic, a 5th term EE, graduated from Schurz high school.

Don Goldsmith joined the Technology News staff four semesters ago and has been feature editor for the past two. The press of other activities has forced Goldsmith to relinquish his duties.

Ranking staff-man in seniority, Ted Purzycki will start his sixth semester on Technology News, as the newly appointed make-up editor.

Moving into the top position on the sports staff, assistant sports editor Mel Friedlander was chief rewrite man and assisted with the makeup of the sports page during the past semester. A fifth term ME, Friedlander has been on Technology News for two semesters. He is a graduate of Tilden Tech, where he was sports editor of the school paper.

Assistant copy-editor Joe Bass is assuming the post vacated by the graduation of George O'Brien. Bass has been on Technology News for two semesters, the first as a sports writer. He graduated from Marshall high school and is a third term ChE.

The new assignment editor, Alan Plait, has two semesters of experience as a Technology News reporter. He is a third term math major from Tilden Tech.

DU PONT Digest

For Students of Science and Engineering

a giant on the farm

Products of the laboratory are saving time, toil, money for the American farmer

Through chemistry, farmers are gaining control over many of nature's uncertainties. Costly losses of crops and livestock are being curtailed or prevented. Efficiency is increasing. New applications of chemistry to agriculture are becoming more important than ever as demands for more production increase.

Today, new organic insecticides and fungicides help control insects, plant diseases and blights that threaten crops. Seed disinfectants and protectants help guarantee bountiful harvests by protecting crops in the critical period after planting. Plant hormones hold fruit on trees until fully ready for picking.

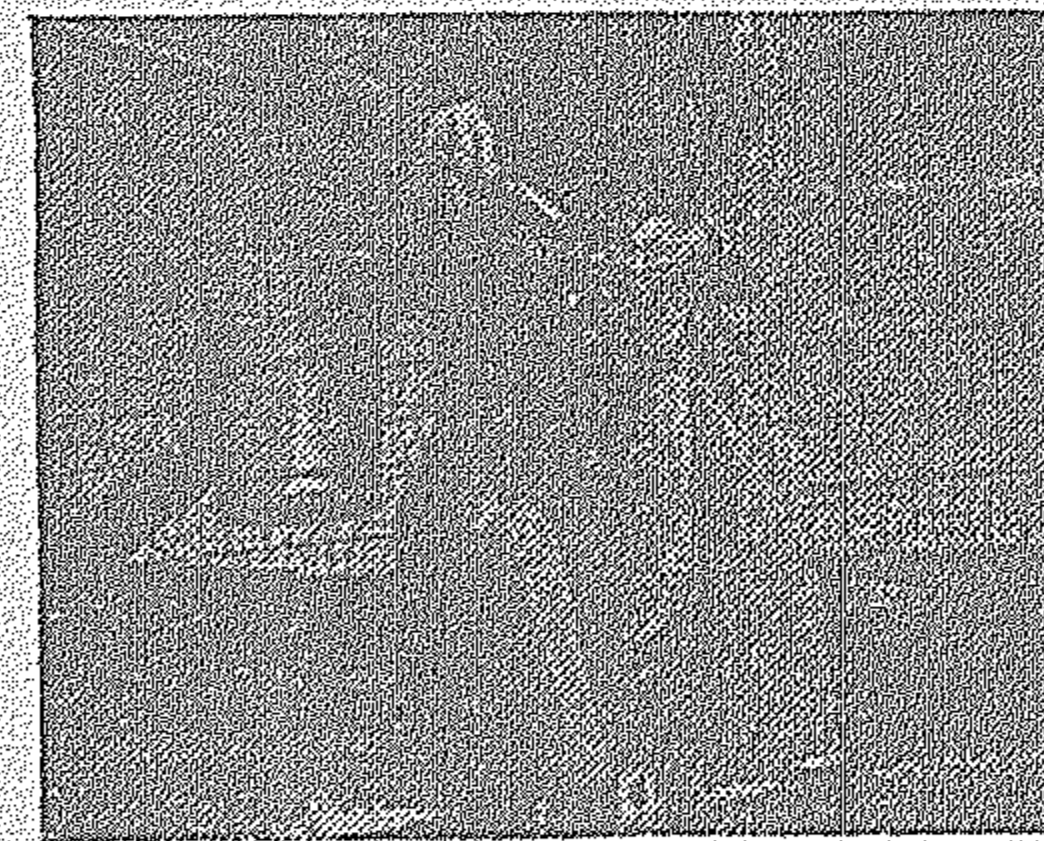
Days of labor saved

Du Pont weed killers and explosives accomplish in minutes tasks that used to take hours or days of back-breaking labor. With 2,4-D farmers can kill weeds without harming certain crops. Dynamite removes stumps, digs ditches for draining and irrigation, and loosens the soil to forestall erosion.

New fertilizer formulations meet the changing nutritional requirements of plants during the growing season. Thus the farmer has better control over crop development, and he can utilize his materials, labor and



Du Pont agricultural specialist Dr. Arne Carlson, M.S., '40, Ph.D., U. of Minnesota, '48, helps develop sprays and dusts to control fungous diseases.



Phenothiazine kills more kinds of livestock worms in more kinds of animals than any other drug . . . promotes normal growth.



For growth insurance, farmers treat seeds with disinfectants. "Ceresan" treated wheat gives up to 20% better yields.



Spraying orchards controls infestations of insects or plant diseases . . . or holds fruit on the trees until it is fully ready for picking!

equipment more efficiently:

Feed compounds, developed by industry, are making poultry flocks and livestock herds vastly more productive. Research on chemicals to control animal diseases and internal parasites is making great progress. Control of insect pests is already changing livestock management practices.

Turning Ideas into products

Achievements such as these are the result of Du Pont's team research. An idea may start with one or two individuals. But many specialists—chemists, physicists, biologists, plant pathologists, and entomologists—must contribute their skills before a new product is ready for market. Normally, engineers—chemical, mechanical, civil, and electrical—develop the commercial processes and plants for making the finished products.

The new Du Pont employee, whether he holds a bachelor's, master's, or doctor's degree, enters into this cooperative effort. Yet the immediate group with which he is associated is small and congenial, offering him every opportunity to display individual talent and capabilities.

Find out more about Du Pont and the College Graduate

"The Du Pont Company and the College Graduate" is just off the press in a completely revised edition. Fully illustrated, it describes opportunities in research, production, sales, and many other fields. Explains the plan of organization whereby individual ability is recognized and rewarded. Write for your copy today. Address: 2518 Nemours Building, Wilmington 98, Del.



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... THROUGH CHEMISTRY

Move facts about Du Pont—Listen to "Cavalcade of America" Monday Nights, NBC Coast to Coast

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20 N. Wacker Mat. & Eve.
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presents
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With His Famous
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Get Set for an Amazing Musical Treat
Afternoon and Evening Only
DUKE ELLINGTON
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Good Seats Now on Sale at Box Office
or by Mail: \$1.25, \$1.85, \$2.50, \$3.10,
\$3.71 (Tax Inc.). Information Phone
FRanklin 2-7800. Please enclose stamped,
self-addressed envelope.

27,000 forms rate faculty attitudes

The first Illinois Tech faculty rating survey is almost complete with some 27,000 questionnaires already distributed. "I am sure that students and faculty alike will soon benefit from the poll," said Bob Hamilton, chairman of the Interhonorary council. IHC is sponsoring the survey.

SAE plans Standard Oil field trip

The Illinois Tech chapter of the Society of Automotive Engineers will sponsor a field trip to the Standard Oil Research Laboratories Wednesday.

Elmer Bartosek, chapter chairman, stated, "All members interested in seeing engine test facilities in operation should contact SAE officers or Prof. W. P. Green as soon as possible."

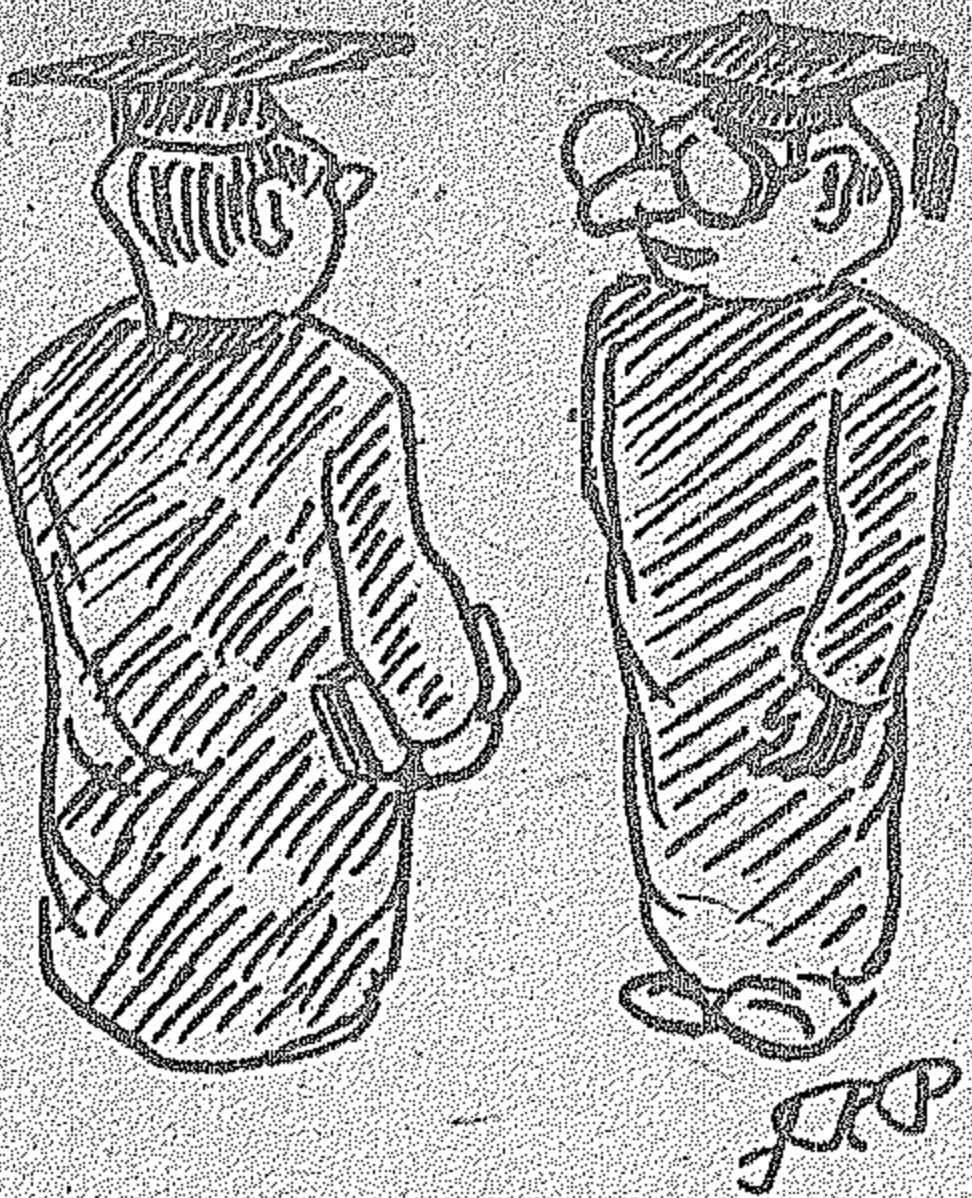
Officers for next semester were elected and a film on detonation and engine performance was shown at a meeting yesterday.

Playing card drive brings in 441 decks

The campaign to supply playing cards to veterans at the Elgin Mental hospital, conducted by Roy Patrick, campus barber, sent 441 decks of cards to 750 hospital patients.

The cards were presented as partial Christmas gifts by the hospital director, John Nelson of Elgin.

For the past five years Mr. Patrick has been a service officer of the American Legion at MacMurphy's post, third district of Chicago.



"I had an excellent class session today. No one snored."

Underseas vet takes NROTC on sub tour

Freshman NROTC students made a tour of inspection of the USS Silversides submarine on exhibition at the Armory, Randolph street and the water front, last Tuesday.

Commander J. B. Azer, associate professor of naval science at Illinois Tech, arranged the tour. A graduate of the United States Naval academy in 1930, Commander Azer served as a commissioned officer on submarine duty in the Pacific during World war II.

Elgin church lauds Tech music visit

Illinois Tech's Music clubs have a "return engagement" request on next year's agenda as a result of their concert in Elgin last month. A letter to Henry T. Heald, president of Illinois Tech, from Rev. A. E. McKenney of the First Baptist church in Elgin states:

"We want you to know how delighted we were with the concert recently presented in our church by the musical group from the Institute. . . . As a part of the program, the band played and the chorus sang as the congregation joined in a medley of Christmas hymns and carols, and it was an inspiration not soon to be forgotten. . . . Many of the

people requested that we should seek them again for next year. We sincerely hope they will be available.

"Please accept our thanks . . . and convey to Dr. Erickson our complete satisfaction with the program. And, if it is not asking too much, place our name in your files for a return engagement . . . next winter.

A. E. McKenney."

IIT

Food Services

- Cafeteria
- Magnolia Room
- Brown Hall Snack Bar

Leaving School Now?
Did You Pay to Have Your
1949 Integral
MAILED TO YOU?
Please Check With Us, to Make
Sure You Are on Our Mailing List.
Integral Office South Student Union

How Long can a song-hit live?



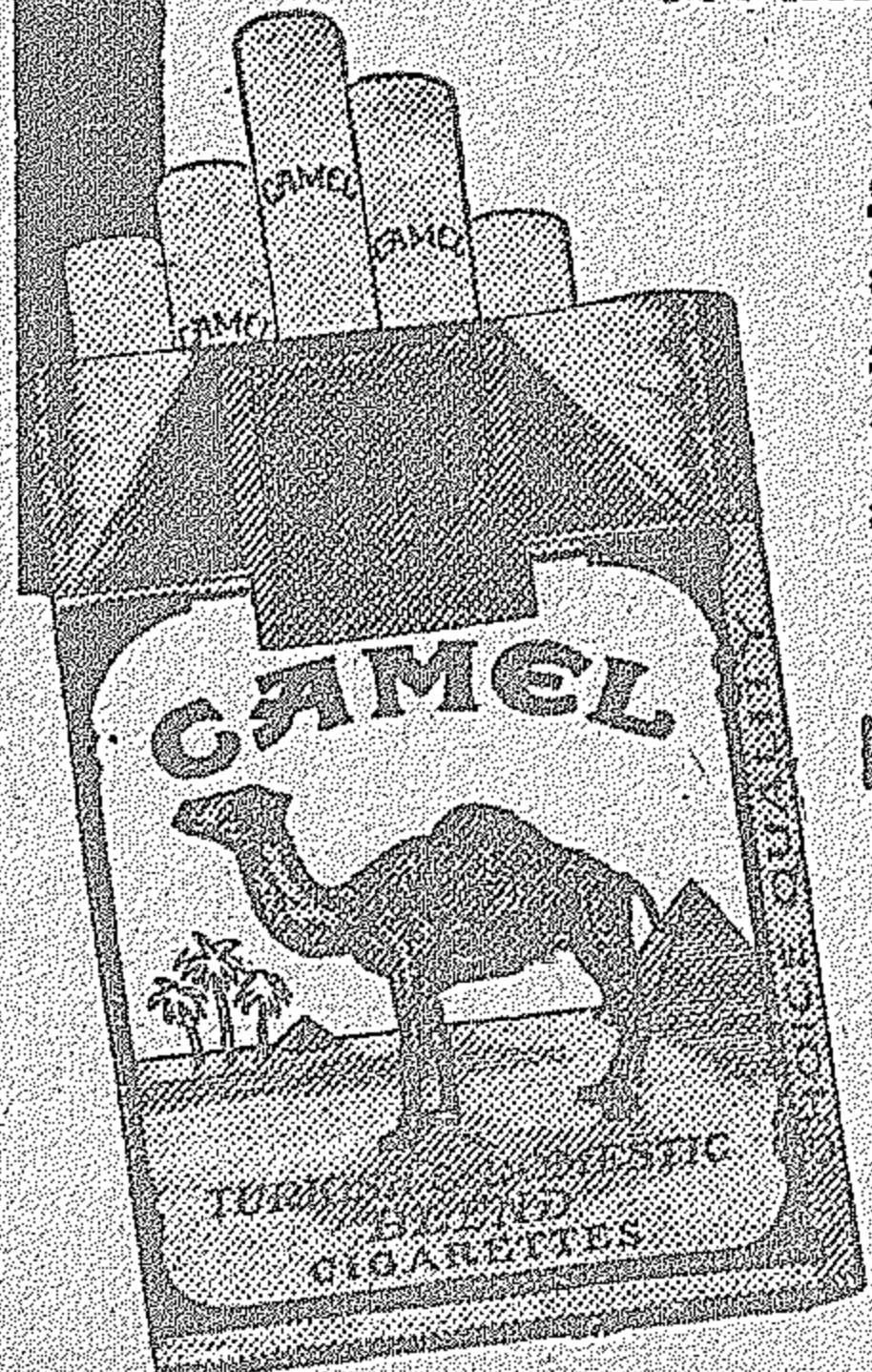
Hear **CONNIE HAINES'** new version of "Stormy Weather" . . . you'll know! (A Signature Record)

That great number that everybody was humming back in 1933 comes to life again with Connie Haines' sensational, new recording. Here's little Connie Haines, smooth-singing, phono-fan favorite, talking over this all-time hit-tune with fellow musician, Jerry Jerome.

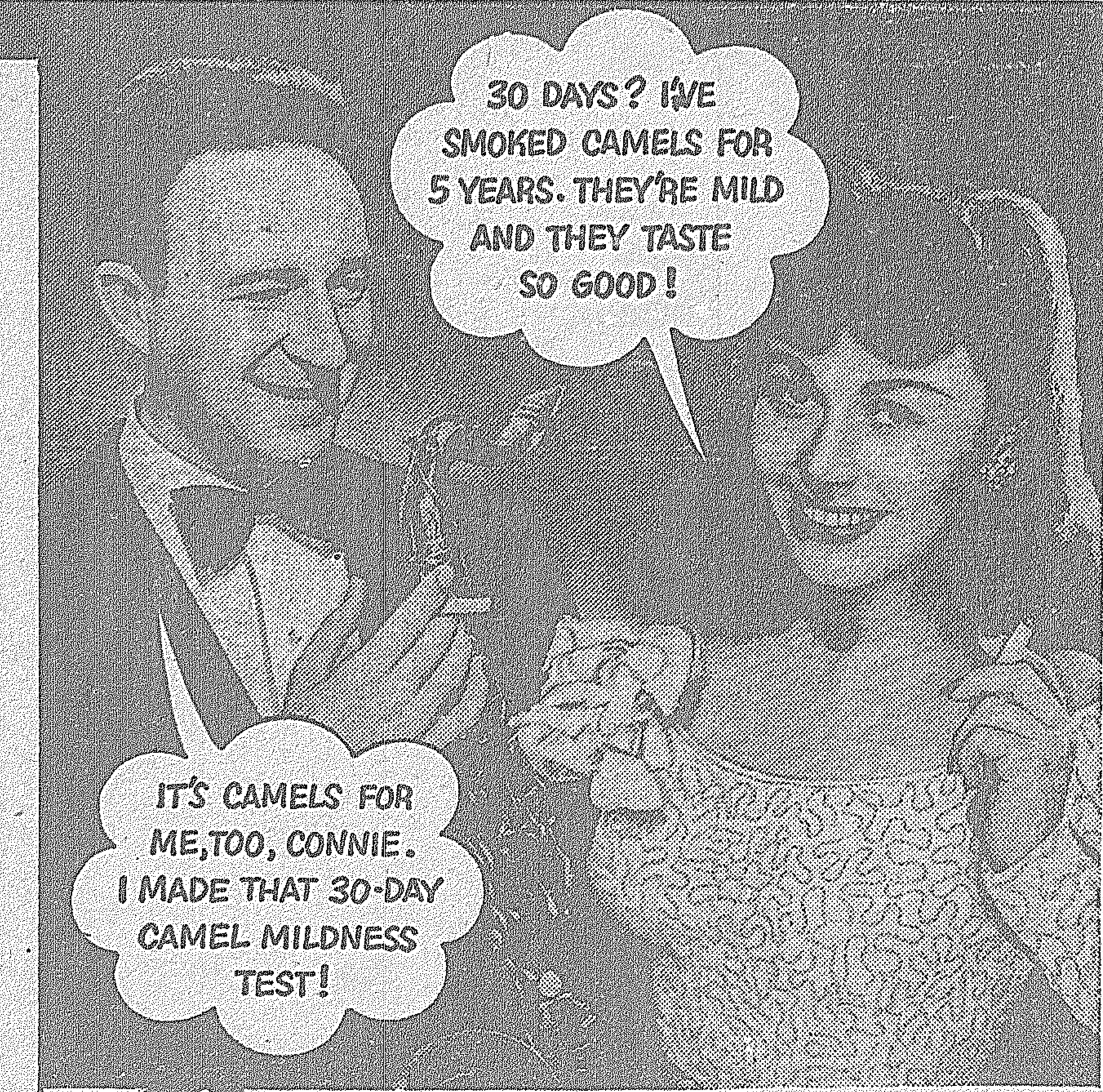
How MILD can a cigarette be?

Make the **CAMEL 30-DAY TEST** . . . and you'll know!

Yes, make the 30-day Camel Mildness Test. See for yourself how mild Camels are. In a recent test of hundreds of people who smoked only Camels for 30 days, noted throat specialists, after making weekly examinations, reported



NOT ONE SINGLE CASE OF THROAT IRRITATION due to smoking—



30 DAYS? I'VE SMOKED CAMELS FOR 5 YEARS. THEY'RE MILD AND THEY TASTE SO GOOD!

IT'S CAMELS FOR ME, TOO, CONNIE. I MADE THAT 30-DAY CAMEL MILDNESS TEST!

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Smoke Camels and test them in your own "T-Zone." T for taste, T for throat. If, at any time, you are not convinced that Camels are the mildest cigarette you ever smoked, return the package with the unused Camels and we will refund its full purchase price, plus postage. (Signed) R. J. Reynolds Tobacco Co., Winston-Salem, N. C.

Move to left seen in House rules action

By Donald W. Smithburg, Assistant Professor of Political Science

Last Monday the 81st Congress met for the first time. The meeting was routine except for one action. The power of the Rules committee of the House of Representatives was curtailed.

This action is important and it may give a first indication of the direction in which this Congress intends to go.

The House Rules committee has long been an autocracy in our democracy. Before any bill could come before the House for debate, it had to find a place on the House calendar. In order to find such a place it had to meet the approval of the Rules committee.

In the Roosevelt administration as well as in the recent 80th Congress numerous measures for social legislation were killed or delayed by the refusal of this committee to schedule them for debate. The wages and hours legislation and the Taft-Ellender-Wagner housing bill are two examples.

Like all congressional committees, the Rules committee is a product of the seniority system. It is dominated by representatives of the most politically stable sections of the country. The result has been an almost continuous control of this com-

mittee by the most conservative members of both parties.

This week the power of the Rules committee over legislation was severely limited. By a vote of 275 to 142, the House voted a change in its rules which will require that, after 21 days, the Rules committee must report a bill for debate.

House rules are not broken easily. Even President Roosevelt with his powerful program and tremendous popularity was unable to force this change. That it should come now would seem to indicate that this Congress is determined to go ahead with the program outlined in the Democratic campaign. And without being hampered by the conservative, Republican-Southern Democrat combination which has so often stymied such legislation in the past.

The vote on the measure reinforces such a belief. On the Republican side 49 members—more than one fourth of the members—deserted party lines on this measure. On the Democratic side, only 31 Democrats shifted sides.

Although it is too early to make definite predictions as to what this Congress will do, the reduction of the power of the Rules committee removes one of the most perplexing road blocks in the way of increased social legislation.

Congress seems prepared to move. This vote would indicate that the move is to the left. The direction is set. The extent remains to be determined.

Gaff Blowing

What shape probation?

It amazes me how a curve can be used for grading in this school. No doubt it's a fantastic looking thing, at least if what people say is correct.

For laughs I just walked out into the SU lounge, and, out of approximately 25 students that I talked to, only three made the rash statement that they have not flunked a test in the last month.

Previous to this I've made inquiries in the cafeteria and about 9 out of 10 people think they are failing in one or more subjects. What's the score? Where do the 80 or more percent that at least get D's hang out at?

I know human nature is funny and people are inclined to be pessimistic about things, but surely more than one out of ten is optimistic enough to think he or she isn't going on probation.

Of course there's always the joker that says, "Boy, I sure booted that one," and then when you glance slyly at his paper as the tests are handed back you see that he "only" got a 98. Those are the guys that foul up my poll.

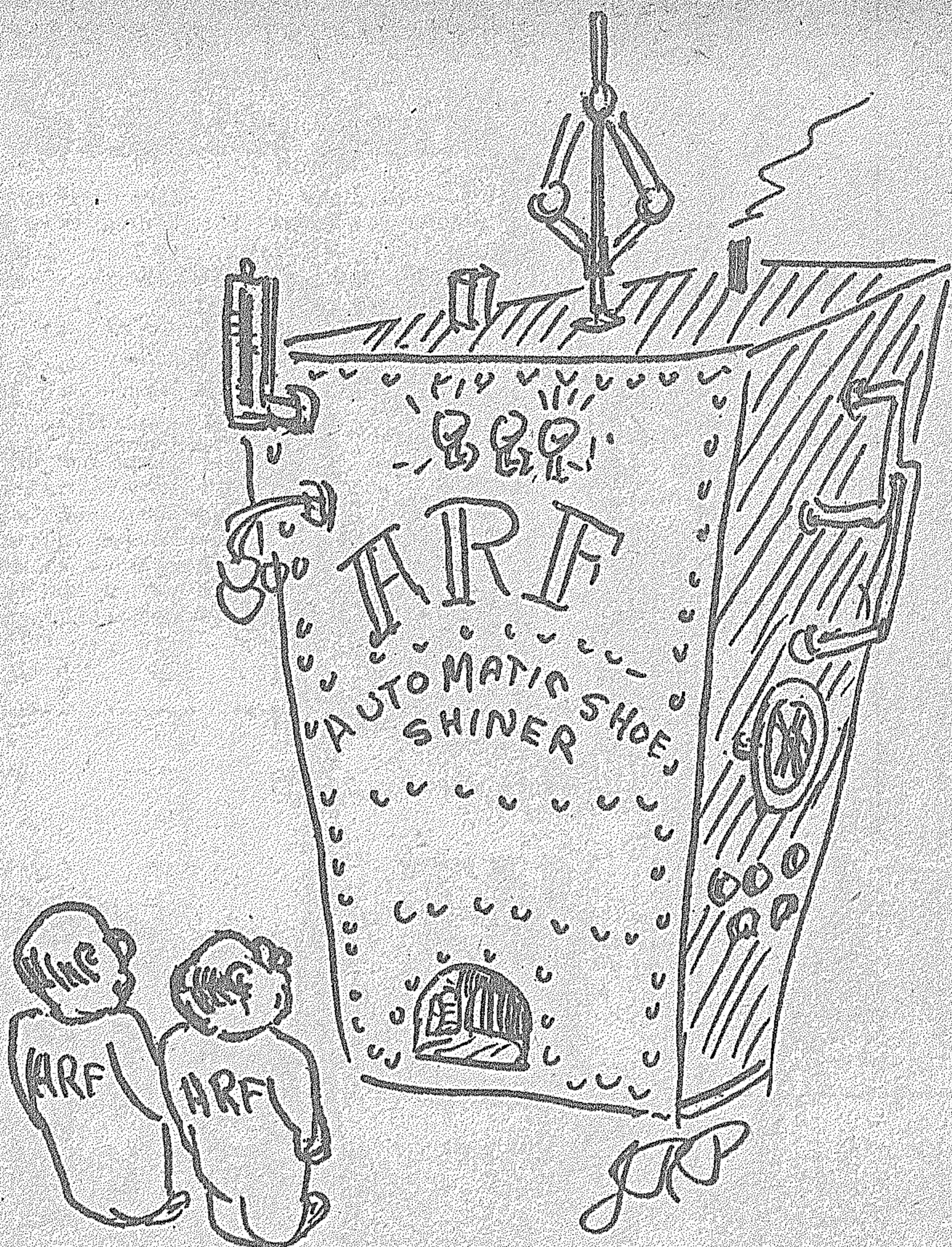
The other people that mess up statistics are the eager beavers who cry when they get a B. They're always looking on the dark side of things.

I know a guy named Rebeschini who was so eager he stayed up all night studying for the sophomore achievement tests. Then he moaned because he missed a couple of the questions.

Can't yell at Reb though. I stayed up studying all night myself but I wasn't so lucky. When I got to school I was so beat I fell asleep in the middle of the math quiz.

Jim Gaffney

Carbolic Gus



"Very good, Noodnik, but will it sell?"

Stevens Tech students tour plants in big way

By Johnnie Best

When seniors at Stevens Institute of Technology, Hoboken, go on a plant tour, they do it in a big way. This semester over 330 men took a five-day trip by special train, visiting Cleveland, Akron, Bethlehem, Wilkes-Barre, Buffalo and Niagara Falls.

Steel mills, rubber plants, research laboratories, factories, mines—a cross-section of American industry—came under their inquiring eyes. The Bethlehem Steel company brought out a special inspection train for travelling their expansive plant, featuring covered flatcars with mounted seats and a public address system to bring the running comments of the plant guide.

When the tour wound up back at school, the students breathed no sighs of remorse—there were no reports to write!

A six-pound baby girl was surrounded by controversy the other day when she was delivered in the ladies' lounge of Town Hall, New York city's famed nationwide forum. The abashed father is a college professor.

Telling his statistics class of the incident, the prof spoke of the event in terms of probability theories being studied by the group. "One chance in a million, and it had to happen to me," he sighed.

The tuition charge at Massachusetts Institute of Technology will be raised \$100 to an \$800 total per school year, effective this autumn. Increased operating expenses caused the change, said MIT authorities.

Broadening scholarship aid and student loan facilities are planned to offset the increased cost of learning, however. MIT will thus be able to derive a maximum of revenue from the dwindling veteran enrollment while allowing more leeway to non-vets who are short of money.

How much freedom of action should be granted college students? A Rensselaer Polytechnic calls attention to the words of a former Vice-chancellor of Oxford University, professor Sir Walter Raleigh.

The administrator had received a petition from some Britons, asking that undergrads be prohibited the purchase of anything but light beer and wine. "A certain amount of freedom to go wrong is essential in a university, where men are learning, not to obey, but to choose," he replied.

This is still pertinent in modern days when the dividing line between "juvenile delinquency" and adult pastimes is defined in terms of legal age, not maturity level.

Slipstick

Professor: "You in the back of the room, what was the date of the signing of the Magna Carta?"

"I dunno."

"Well, then, tell me when the battle of Hastings was fought?"

"I dunno."

"You don't eh? Well, let's try something else. Who was Bonny Prince Charley?"

"I dunno."

"You don't! I assigned this stuff last Friday. What were you doing last night?"

"I was out to a show with some friends."

"You were! What audacity to stand there and tell me a thing like that! How do you expect to pass this course?"

"Wal, I don't mister. You see, I just come in to fix the radiator."

From the Weather Bureau comes the report that things are so dry in Texas that the trees are going to the dogs.

as I see IT

By DAVE PASIK
Editor-in-Chief

YOU'VE PROBABLY SEEN the publicity Illinois Tech has been getting recently in the Chicago dailies.

During the holidays, the Tech high school cage tourney kept the good name of IIT up in black headlines, and the first annual Careers conference was called to the attention of the liberally inclined Chicago newspaper readers.



In the meantime, another Tech campus event has apparently caused quite a bit of interest at colleges throughout the country.

The pages of Technology News have carried, during the past semester, an extensive informational and promotional campaign concerning the faculty rating survey just now being completed.

While the primary purpose of this was to put over the idea to Tech students and faculty, comments we have seen in the college papers we exchange with have been full of wonder and envy about the objectivity and comprehensiveness of our survey.

Faculty rating polls are in use at more than a few American colleges and universities, but none that I have seen come anywhere near matching ours.

The sample survey forms that are now being sent to other schools are something that Illinois Tech can be proud of.

She: "How often do you shave?"
He: "About forty or fifty times a day."
She: "Say, are you crazy?"
He: "No, I'm a barber."

Confidentially, we don't believe all of these wild tales about beer busts.

Sid: "What a pest my wife is! Always asking for money. Gimme a dollar—gimme five dollars—gimme ten!"

Marsh: "What does she do with all that money?"

Sid: "How should I know? I never give her any."

A man usually likes to see a girl stick to her knitting—especially if she's wearing a sweater.

TECHNOLOGY NEWS

An All-American Newspaper

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Man of the Week

'Angell' looks forward to devilry in basement

By Ed Michelic

Past mainstay of *Technology News* rewrite men, genial George Angell O'Brien is equally adept with merciless blue pencil or ready Irish laughter.

"Angell" claims he is a ninth term ME of but modest ambitions; however, he has acquitted himself well in student activities. Presently the president of Beta Omega Nu, interfraternity honorary, he has held the position of vice-president of Phi Kappa Sigma and the journalist's coveted membership in Pi Delta Epsilon.

George's acquaintance with IIT started when he became a member of "The Lucky 60." This was a group of high-school juniors, who in 1942, made exceptional marks in a statewide survey - examination. They were given an opportunity for special training and an early start in engineering. George entered as a freshman ChE in the fall of 1942. Uncle Sam's call found him seeking the "wild blue yonder" and earning his Navigator's wings with the Army Air Forces.



George O'Brien

He reentered IIT after the war, helped reactivate his fraternity and broke into *Technology News* with a humorous rash of print. Typical of O'Brien is his first *Technology News* article written in November 1946, a satire of a steamshovel stranded while digging building foundations on campus.

George has the longest active staff membership of those present. Spartan-like service as rewriter and headline-writer has developed his deft journalist's touch.

At IIT, he developed to the fullest his chief interests of beer

drinking and inventing. His inventions include automobile burglar alarms, slot machines inspired by his ancient back porch model, but which lie dormant on the drawing board, and a gadget he calls a "radio transcription discriminator."

George looks forward to having a huge basement den of three parts; one, a workshop for his budding inventions, the second, a barroom to entertain himself and his friends, and third, a gigantic pantry to eliminate irksome shopping trips. If perennial bachelor "Angell" ever gets hooked, his wife will probably have some battling pulling him away from the joys of basement bliss.

Weather slows apartment construction

Due to inclement weather, work on construction of IIT's new ten-story apartment building has slackened. Construction in the last several weeks has been held up by rain and snow.

After pouring the ninth floor ceiling, the concrete had to be covered with tarpaulins in order for the cement to dry. "If construction had gone a bit slower in the past," stated Walter Parduhn, superintendent of buildings and grounds, "we may have waited until spring to finish up. But things have been moving at too rapid a pace to stop now."

Grad course offered to food techs

Illinois Tech will offer a graduate course in food packaging materials and methods beginning February 16 and continuing through June 8, 1949, it was announced recently by Milton E. Parker, professor in charge of the food engineering and technology program.

Consisting of 16 two-hour lectures, the course has been organized by, and will be under the direction of, Lee Hickox, vice-president of Container Laboratories, Inc., and a member of Illinois Tech's food technology council.

"The course has been especially designed to acquaint the student with the various components of the packaging industries and the basic types of packaging, their materials, construction, styles, and terminology," Parker said.

Advantages, disadvantages, and limitations of various types of packaging methods and materials will be included.

Graduate students in food technology (or equivalent) and any qualified persons in the food processing industries are eligible to enroll in the course.

136 student awards won during past term

A total of \$33,913.50 was invested in 136 scholarship awards during the current semester, Clarence E. Deakins, dean of students, announced recently.

Thirty-six of the awards, representing \$9,380, are unendowed or Institute paid scholarships. The remaining 100 awards, totaling \$24,479.50, have been provided by endowed sources.

All of the unendowed scholarships were awarded freshmen, seven of whom were foreign students. Awards were

made on the basis of high school scholarship, school sponsored examinations, and personal interviews.

Endowed scholarships, provided by 25 organizations, industries or individuals, include:

La Verne Noyes, \$2,022.50; Western Actuarial Bureau, \$10,725; William J. Cook, \$3,582; Fairbanks Morse, \$1,500; Chicago Molded Products, \$750; Kemper Insurance, \$600; Ekco Fund, \$700.

Ready RR layout

Track is now being laid for the Camp Armour & Boulder Junction model railroad.

The railroad is a project on which the Illinois Tech Model Railroad club has been working feverishly, and it is expected that most of the HO gauge layout will be in operation and on display during Junior Week.

A meeting of the club will be held in 205C Tuesday at 1 p.m. An election of officers will be held and all members are requested to attend.

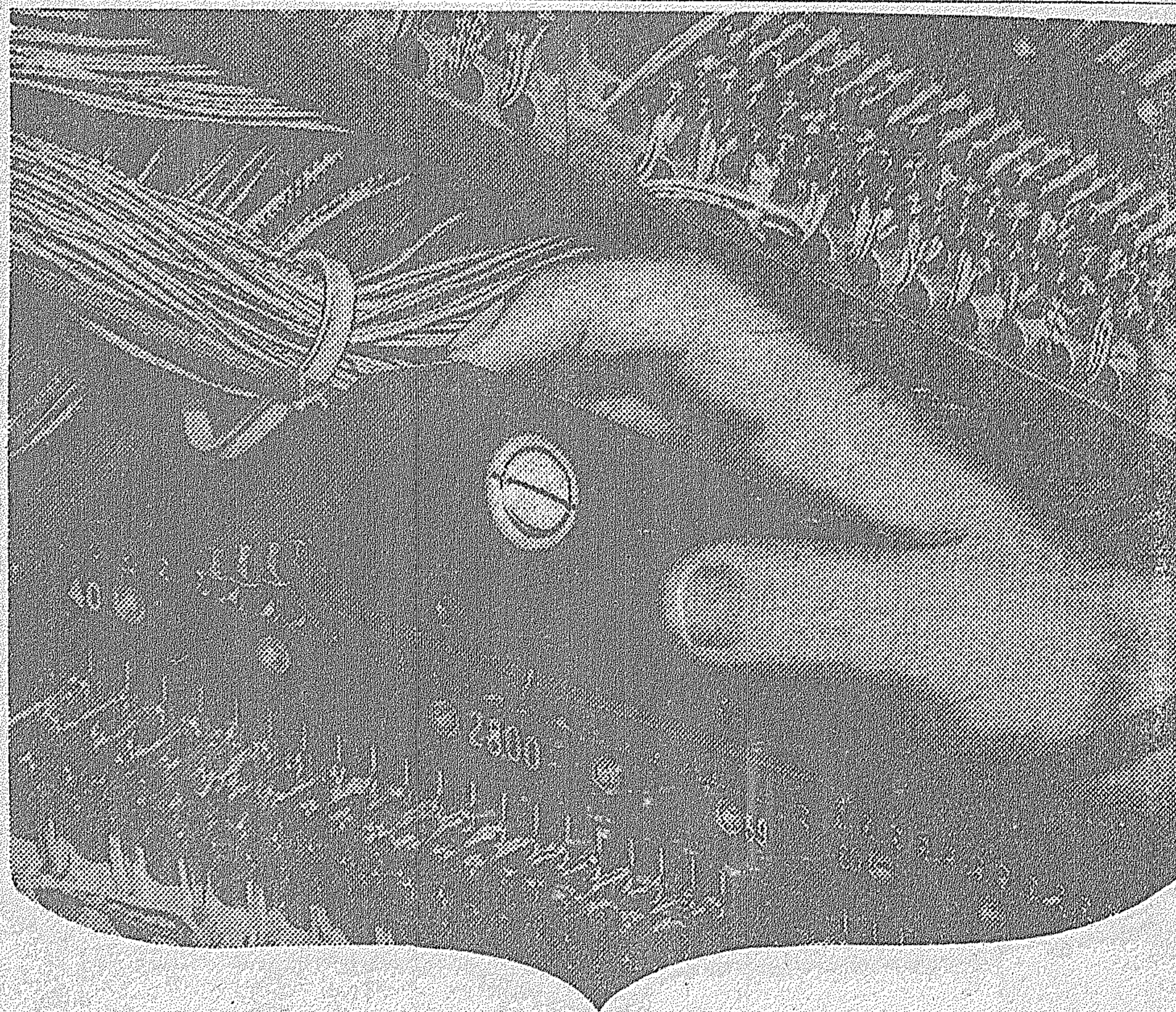
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Campus groups must report to dean

The office of the dean of students has announced that club officers have been lax in submitting student organization reports.

At the beginning of each semester, these report forms are sent to the officers of all campus activities to be filled out and returned to the dean's office, where they are tabulated and the students' names are entered on individual student activities cards.

A spot check on these re-

Disaster averted by heroic duo

By Jack Ullman

Illinois Tech was saved from fiery disaster a few weeks ago by the heroic action of two Techmen. The modest pair left the scene of the blaze before spectators could identify them.

The blaze was discovered at 12:42 p.m. in the SU lounge, when several people noticed that the contents of a trash basket were aflame. While tongues of flame licked higher and higher, the startled onlookers debated what, if anything, should be done to halt the conflagration.

Finally an enterprising member of the group walked to the wall of the room where a fire extinguisher was hung, and brought it to the scene of the blaze, whereupon he discovered he couldn't operate it alone.

A porter, attracted to the scene by the commotion, was awed by the intricate mechanism of the extinguisher. He beat a hasty retreat for a bucket of water. Meanwhile, a second Techman approached the blaze. Turning the extinguisher upside down, he sprayed several bystanders before getting the stream under control. After a tense eight second battle, the fire was put out. The porter removed the can from the building, thereby minimizing the damage due to smoke. Before they could receive the plaudits of the crowd, the heroes of this action slipped away into the flow of life of the SU.

The fire was blamed on an "overheated cigarette." Damages and losses due to the fire amounted to 6 cents. The estimate is based on four minutes of the porter's time, at 95 cents per hour, spent combating the fire.

Sammies capture cup

The Sigma Epsilon chapter of Sigma Alpha Mu fraternity has added another to its collection of scholarship cups. The Sammies walked off with the national award of the fraternity at the annual convention in Hollywood, December 29, 30, and 31. Irv Budish, Dave Lieberman, and Marsh Stein represented the fraternity as delegates.

In addition to leading the fraternities at Illinois Tech with a 1.86 overall average they beat out 43 chapters from all over the country.

AIChE to vote for officers

The American Institute of Chemical Engineers will hold its last meeting of the semester next Thursday at 1 p.m. in 302M, Ray Pfohl, president, announced this week.

Officers for the coming term will be elected at this meeting.

ords has shown that the cards are more than a year out of date. This information is for the benefit of the students. They are used as job recommendations and preference material and for activity reference.

Reminders have been sent out to the various activity heads, but many have been ignored. The dean of students requests that those students affected contract their organization officers and have them take appropriate action.

Forms may be obtained and returned to Lois Goodwyn of the dean of students office in the North Union.

IIT gets \$1,000 grant for catalysis lab

A grant of \$1,000 from the Precision Scientific company, Chicago, has been announced by Henry T. Heald, president of the Illinois Tech.

The money will be used for the purchase of high pressure equipment for the catalysis laboratory operated under the direction of V. I. Komarewsky, research professor of chemistry.

Announcements on sale next week

January graduating seniors will be able to pick up their graduation announcements either Tuesday or Wednesday afternoon in the lobby of the North Union.

Ed Adolphson and John Olson will be on hand from 1 to 5 p.m. to sell the announcements, which cost 12 cents apiece.

AIA symposium draws 118; hear Van der Rohe

Campus tours, a dinner, and a symposium on "Architectural Education" were the order of the day when the American Institute of Architects' Chicago chapter met here Tuesday evening. The AIA has about thirty student associates who are undergraduates at Illinois Tech.

The tours, conducted by 10 student guides, all architect students, began at 5:30 p.m. and ended in the North Union cafeteria at 7 p.m., where 118 members were served dinner.

After the dinner the group adjourned to the MC auditorium to hear a discussion led by Richard M. Bennett of the AIA. The speakers were Harold McEldowney, head of the department of architecture at the Navy Pier branch of the University of Illinois; Serge Chermayeff, dean of the Institute of Design, in Chicago, and Ludwig Mies Van der Rohe, head of the department of architecture at Illinois Tech.

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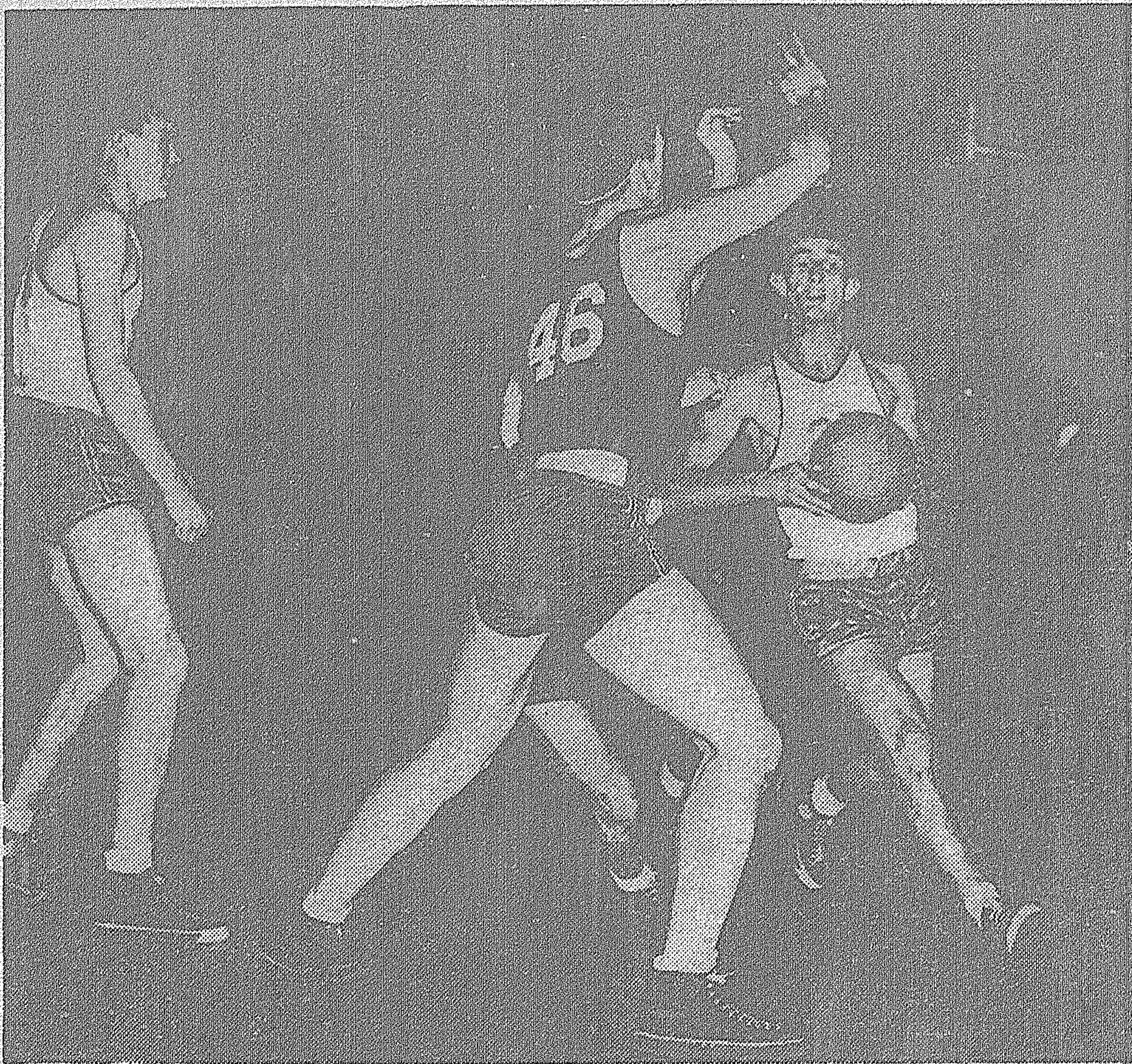
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Hawks, Maroons clash at U of C



MAROON CENTER Hanson (46) tries to stop Tech forward Bob Leiser from scoring in the recent IIT-Chicago game. Player at far left is Techawk captain Carl Bergstrom. The Midway cagers will be seeking revenge for their 56-53 defeat when they face the Scarlet and Gray tomorrow night at the U of C fieldhouse.

Chicago seeks revenge in rematch with Tech

By Ben Sutton

Fresh and eager after their two week holiday, the Scarlet and Gray basketballers go against the Maroons of Chicago tomorrow night at 8 o'clock in the U of C fieldhouse.

This will be a rematch of the teams that provided the action for the Tech homecoming. The Hawks took an exciting game that night, 56-53. Thus the Maroons will be primed to avenge themselves on their home court and before their own fandom.

Grapplers face Illini at Navy Pier

By Vic Sirwinski

The Tech matmen will journey to Navy Pier Friday to engage the Pier Illini in their second match of the season. In their first encounter, the Techawks won by the narrow margin of 34 to 32 as Captain Paul Schermeister out-pointed his opponent in a thrilling contest.

Coach Weissman sent the boys through light workouts for the first few days after the holiday layoff, but the tempo will be stepped up considerably in the next week.

The team was heartened by the return of 135 pounder Julie Snyder who had to pass up the Bradley meet because of a lame leg. Snyder came off with one of the more impressive wins in the first clash with the Illini, and his presence Friday will enhance the Techawk chances of victory.

The workouts next week will determine the starting team against the Pier men. Coach Weissman will pit his men against each other in the various weights, with the winners representing the team.

The probable team should be much the same as the one that made a formidable stand against the Bradley Braves before losing 18 to 11. This squad was composed of Joe Veg, 121 pound division, Leonard Berry, 128 pounds, Rocky Matayoshi, 155 pounds, "Red" Shutz, 165 pounds, Bob Schulman, 175 pounds, and Paul Schermeister, heavy weight.

Schermeister will be after his seventh straight win against collegiate competition. His string of victories extends from last season when he won four matches. This year Paul has taken two matches almost at will, being in command of both his opponents from the opening bell.

The Tech boxers resumed training Monday by giving the five sand bags in the gymnasium a vicious workout.

The fighters have their sights set on the Golden Gloves Tournament to be held next month, and are determined to improve on their showing of last year when Miles Skrivaneck, Jim Shell Barney Kaplan, and Ed Kooperman fought their way to the semi-finals of the novice division.

A large contingent of Hawk rooters are also expected to "show" at the game. Of special interest will be the Hawks attempts to throttle the scoring of Sherry Roberts, Maroon center. Phil "Splinters" Urasky was given the job in the second half of the Homecoming game and succeeded where his predecessors had failed.

The Hawks will continue their three game "road trip" as they move to Lake Forest where they play the Foresters Tuesday. The Lake Forest squad fell before the Techawks on the IIT court by a 51-48 score.

Friday the Techmen go to the Navy Pier branch of the U of I where they will play the piermen. The Chi-Illini were victims of the Hawks on two occasions last season, so the boys are hopeful of coming home with a win.

Final examinations interrupt the schedule at this point. The Hawks resume action on their home court February 2 against Wayne university of Detroit. This may be the best game on the IIT schedule.

The Techawks and Tartars have not met on the court since 1935 when the Hawks evened the series at three wins apiece. This game will be the "rubber" match to date and the Hawks will have the advantage of their home floor.

The Techmen will play Concordia at River Forest, February 4, and in their last game before the new semester they will play a home game with Chicago Teachers February 8.

The Hawks begin the new year with a mediocre record of three wins in six starts. When it is considered, however, that two of their defeats were at the hands of "big time" Loyola and De Paul, and the other a two-point loss to Concordia, their record seems fairly good.

The big problem is one that is universal to all sports, that of getting every player to turn in a good performance every game. If George Scalamera, Bob McCue, Carl Matson, Bob Leiser, Phil Urasky, and company are all "on" in the same game, the opposition will find the going pretty rough.

"Big" George and McCue have demonstrated their ability while Matson shows a return to his form of last season. This improvement by "Matty" might be the best boost the club could receive.

Tech Seals rout Loyola, 52-23

By Bob Murphy

Last night the Techawk swimmers went all out against Loyola to take the meet, 52-23. Victory was expected when scouts brought in the news that Loyola's swimming coach had quit and the team was somewhat disorganized. Jim McNerney, Joe Peter and Len Carleman took easy firsts in their events while Ray Klitzke took first diving honors.

Bowing to Beloit's mermen 33-51, December 18, was not without compensation for the Tech swimmers. The highlight of the evening came when Len Carleman broke the Beloit pool record by sweeping the 200 yard breaststroke in 2:43.

Len, a third semester ChE from the North side of Chicago, has been on the swimming team two semesters. Tech's outstanding breaststroker, he should break many more records before he graduates. The previous record was set in 1942 by a V-12 reinforced Marquette team.

Against Beloit the Techawks went into the tightest meet of the season. Ruining pre-meet anticipations of victory, the Beloit men were exceptionally strong in both the distance and backstroke events. Joe Peter was just barely touched out of second place in the 220 and 440 grinds, and the same misfortune befell Bob Campbell in the 150 backstroke.

The diving competition was the keenest seen all season as Ray Klitzke lost first place for the first time this season. The top three men were separated by four point margins: Klitzke, second with 250.5; Mocknes and Hulbert of Beloit, first and third with 254.7 and 246.7, respectively.

Captain Jim McNerney took first in both the 100 and 60 yard free style sprints, 59.1 and 31.3 seconds. Fred Bonner, a new comer to the team, placed third in the 60. Ending the night's events, Ted Spath, Jim McNerney, Fred Bonner and Tom Watson teamed up to take the 400 free style relay in 4:01.

Next in line for the Techawks is a visit from a powerhouse De Paul team. At Valentine pool, 3200 S. Emerald, next Friday at 7:30 p.m., it is the last home meet of the season. Still burning from their 69-6 defeat two years ago, revenge is the number one item for the De Paul men.

BREEZE SHOOTING By BEN SUTTON

Techawk spectators will be given special student rates to the U of C game tomorrow night according to arrangements made with Chicago officials. Under the plan a student presenting his Identification Card at the fieldhouse box-office will be admitted at a charge of 50 cents. So remember your cards, gang!

Ed Glancy, basketball coach, has announced that an all freshman team will be organized the first week of next semester. All aspiring frosh report to Glancy in the gymnasium.

One member of the track squad who is "in the pink" is Dick Durand. Dick put his sweat-suit in the laundry with a gaily colored bedspread. The result is a sweat outfit that is an off shade of pink. The boys now call Dick "Pinky."

Best bet for the Techawk representatives in the battle of intramural basketball champions with the U of C are the Wolves. Lately upsets seem to be the rule, though, so anything can happen. And the Trojans hope it does.

The head atop this column—Breeze Shooting—will be relegated to the dusty files after this issue. Yours truly is — according to the latest official figures — going to graduate January 29.

I have enjoyed being sports editor the past two semesters. The associations have always been pleasant. There is an esprit de corps that is sadly lacking in other campus organizations.

I have tried hard and I have learned a lot. My mistakes have been frequent and I cannot lay claim to being the best sports editor extant, but I am glad that I had the opportunity to try.

I have great confidence in my successor Mel Friedlander. Mel and I were classmates at Tilden where he was sports editor of the Tilden Tech Times. I fully expect the page to show much improvement under his leadership.

Mel reserves much credit (and some blame) for our results this semester. Also thanks to promotion genius Jim Wangersheim for his Pigskin Prophets and Slide Rule Bowl.

Dave Pasik, editor-in-chief, has been most cooperative and has suggested several innovations that have helped to give the sports section a separate identity.

And, of course, there are the fellows who did the work — the reporters who covered the events and wrote the stories. Thanks a lot, fellows.

Finally, I wish to thank my lone reader — my wife, Mary Lou. (I twist her arm.) Adios, friends, and best of luck.

Rifle men seek new members in Alumni hall meeting Monday

The Rifle team will hold a meeting in the rifle range, basement of Alumni Hall, Monday at 5 p.m. All undergraduate students who are interested in joining are cordially invited to attend as plans for next semester will be the main discussion on the agenda.

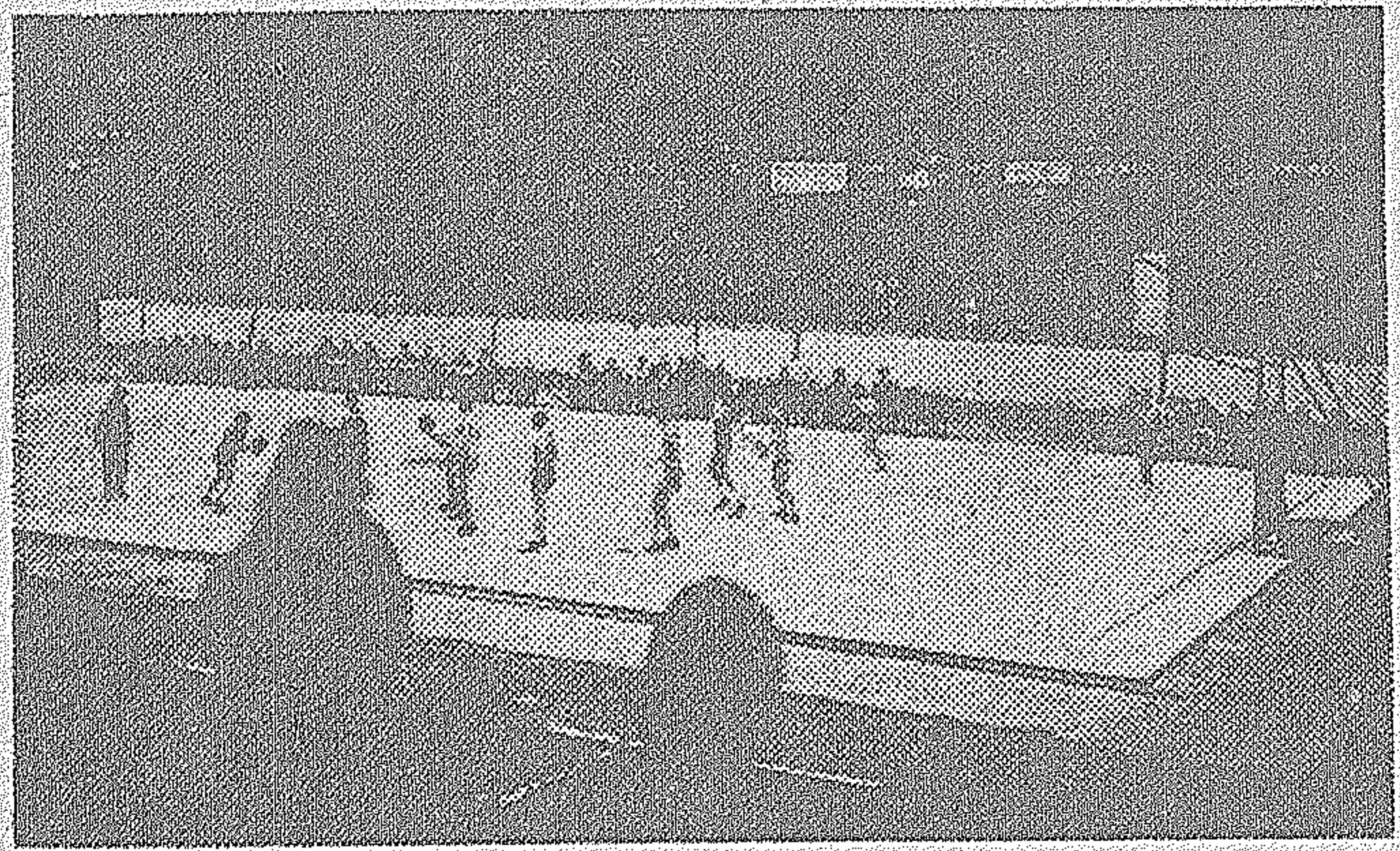
In their last victory, the riflemen outshot the University of Alabama 1854-1814, an average of eight points per man.

The team will be gunning for their fourth win in five matches when they fire against the University of Nevada in a postal match beginning Monday. Hopes for victory are high, as three of the four '48 season letter winners are shooting again.

The sharpshooters back on the roster this year are Coach Jim Anderson, Henry Henrikson and Chuck Widstrand. In addition, seven other men go to make up a team that has turned in a record of wins unequalled in the last two years.

Well pleased with their win string thus far, the squad has issued challenges to Yale university, Harvard university and the University of Maine.

Marshall retains tourney crown



BOOKER (33) of Englewood starts to dribble towards center court during the Marshall-Englewood fracas. The Commandos went on to win the game 76-24, and the tournament with five straight victories.

Commandos trip Senn in finale

By Jim Wangersheim

As the final gun sounded in the championship finale, again proclaiming the Commandos from Marshall High school victors over runner-up Senn, the second annual Illinois Tech Prep Basketball tournament officially drew to a close Saturday night in Chicago's International amphitheater.

The defending titlists, marked the "team to watch" from the start, lived up to every bit of their reputation as they waded through the field of 31 tough Chicago prep quintets, winning five straight games to remain the only undefeated team in the history of the tournament. Adding last year's four wins to their record, the Commandos now possess nine consecutive victories. Third place went to Chicago Vocational, who conquered Calumet in the consolation finale.

The attendance at the tournament was outstanding, as more than 2,000 fans witnessed every session, the championship final attracting better than 4,500. Television was present also, with WENR-TV doing spot coverage, Bob Elson at the mike.

Paced by lanky Irv Bemoras, who averaged 24 points per game in working out a forward slot, the boys from Marshall handed lopsided defeats to Englewood, Harper and Chicago Vocational. They were forced to rally in the final quarter against both Senn and Tilden in order to insure victory however.

"Cinderella team" throughout was Senn, who by virtue of three narrow victories over McKinley, Tuley, and Calumet and a convincing win over hapless Morgan Park, qualified to meet Marshall in the finale.

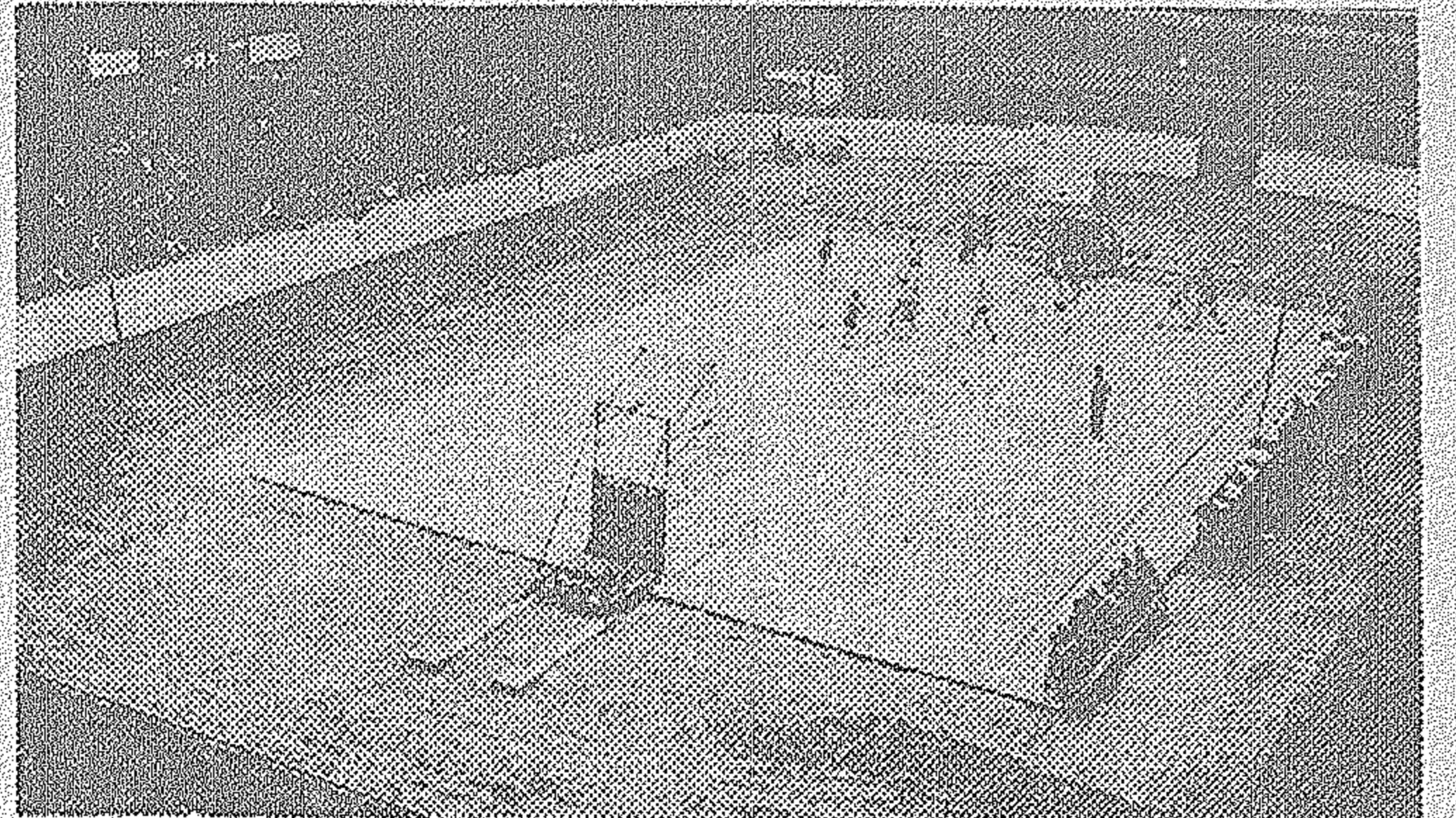
Entering the game an 18 point underdog, the Bulldogs from the north side surprised the 4,500 fans by pressing Marshall throughout, finally succumbing in the fourth quarter after losing two men on personal fouls. They boasted an evenly balanced scoring squad, made up of both seniors and juniors, and were able to score their stunning upsets by making use of superior depth and speed in the later part of the games.

Despite convincing defeat at the hands of Marshall, the Cardinals of Harper, along with Calumet and Vocational, Lake View, Tilden and Tuley, gave evidence that they would have plenty to say in the decision of the public league race.

Conspicuously absent from this year's meet were perennially strong South Shore and Wells, who have however, given every indication of being present next year.

Marshall and Senn, the two winners, dominated the All-Tournament Team as selected by the Chicago Prep Sports Writers' Association. Senn's Karl Hurdle along with Bemoras were selected at forwards to flank Harper's Dick Gross at center. Ross Pohlo of Vocational grabbed one guard spot beside Bill Christiansen of Calumet. Honorable mention was given to Dick Sherman of Marshall, Howard Berggren of Senn, and Larry Dellafield of Hyde Park.

The general caliber of play in the tourney was decidedly improved over last year, since the rule change allowing football players to participate in basketball.



ACTION IN THE Parker-Tilden game as Macuga (51) of Tilden attempts a shot from far court. Parker player Roumel, face toward camera, followed in to take the rebound and stave off two points.

Chess team to engage two opponents tonight

The Chess club will play a "double-header" tonight when they meet the Wilson Park Chess club in city-league play at the Chess Club of Chicago and the Navy Pier branch of the University of Illinois at Navy Pier.

SAM, TEP vie in 'bowl' game

By Wesley Booms

Something new has hit interfraternity basketball. Tonight at 8:15 Sigma Alpha Mu will play Tau Epsilon Phi in the first of what they believe will be a yearly affair. The game will be followed by a "homecoming" dance at Brown Hall for the two fraternities. But this is not all! Inside dope reveals that a symbol of rivalry greater than the "Little Brown Jug" and "Old Oaken Bucket" will be awarded. Can't say for sure, but the grapevine passes the word that this great emblem of tradition, this latest object of fashion is nothing else but a toilet seat!!!

The Sammies are red hot, being undefeated at this writing, while the Teps have won two and lost two. However, past performances will be discontinued when the two teams take the floor for the beloved trophy.

No more . . .
This is the last regular issue of Technology News for the semester.

Leading players on the Techhawk squad, with plus scores in match play to date, are Kimball Nedved, Harold Garbarino, John Moore, and Herb Levinson.

Four Techhawk players turned in the best college record in the Midwestern Collegiate Chess Tournament also held at the Chess Club of Chicago. Ed Kolodziej and Howard Lee placed on the prize list by finishing third and fifth respectively, while Gilbert Speich and Herbert Levinson placed tenth and fourteenth.

Under the auspices of Rho Epsilon, the chessmen concluded a four-man radio match with the Bartlesville, Oklahoma, chess club. Nedved, Garbarino, and Howard Lee drew and Hal Kimball won, to give the club a 2½-1½ victory. Chuck Schram, Rho Epsilon secretary, worked the match through his station, W9UBT, from his home at the East End Park hotel.

This afternoon four class B players will enter the finals for the class B title of Illinois Tech. This tourney was initiated to give chess team aspirants an opportunity to display their prowess on the checkered battlefield.

School spirit given boost; Hawks march to music

By George O'Brien

"... Weston's got the ball . . . He's at the ten . . . Bailey's closing in . . . Will he make it? . . . HE'S OVER!!!"

And in honor of Harold Weston, the Techawk fullback who scored the winning touchdown in the last game of 1967, the band breaks out with the Illinois Tech march . . .

Sound impossible?

We may not have the great Harold Weston with the Techawk gridders for some time—at least not until IIT gets a team, but Illinois Tech now has a march that would do honor to any varsity hero.

Although the music will not be heard until composer Bill Laube Jr., 3th term EE, gets the parts arranged for more instruments than a piano, the words are available and are published here for the first time:

We'll fight for IIT!
We'll bring the honors back to thee!

Across the land, across the sea,
We'll carry with us thy victory.

Rah! Rah!
We're for you through and through!

We'll raise the grey and scarlet high for all to view;
And then if anyone asks who's best in the land.

We'll tell them, Illinois Tech, it's you!

The march was first written in 1940 while Bill was working in the Illinois Tech cloakroom, now the post office. Sonny Weissman, who then ran the cloakroom among his other duties, heard it, liked it and encouraged him to develop it into a full march. A year later war broke out and Bill laid the first draft aside for the duration.

He returned to Illinois Tech in September, 1947, and re-entered many of his prewar activities, among them the musical clubs and Technology News. O. Gordon Erickson, director of the band, glee club and orchestra, asked Bill about the march and urged him to complete the arrangement.

Laube was still not quite sure the song was as good as both Weissman and Erickson had said, but when he got out the old arrangement and played it before a meeting of Pi Nu Epsilon, honorary musical fraternity, last semester, their reception convinced him that he was its only detractor.

The march next came to the attention of James Armsey, director of public relations, Earl Kubicek, director of alumni affairs. Mr. Kubicek has made arrangements to copyright the words and music and Mr. Armsey is prepared to launch a publicity campaign for the march when this is done.

Laube is giving the song to IIT, all proceeds from outside sales after copyright going to the Illinois Tech building fund. In explaining the gift, Bill said, "We had a fight song and an alma mater, but no march. So I wrote one. I hope it can be used as a stepping stone to greater school spirit."

IF cage squads in action tonight

By Marks Levy

It's Interfraternity basketball time again, and eight teams will see action tonight in the third week of play. Four of the top squads in the league will attempt to continue the terrific pace that has been set thus far.

In the 6:30 games, a strong Alpha Sigma Phi five will meet Triangle and the Pi Kappa Phi Yellowjackets will face Alpha Epsilon Phi.

The Alpha Sigs, who jumped off to two wins in as many games, face a determined Triangle team. The Triangles will be stronger with the services of their stellar forward, Ken Thompson. On the injured list with a broken back at the start of the season, Thompson is coaching the Triangle team.

The Pi Kaps, winners of their first two games by one point in each case, will try to increase their win margin against Alpha Epsilon Phi. The Alpha Eps were swamped by Phi Kappa Sigma, 70-10, in their opener.

Delta Tau Delta meets Theta Xi, one of the league's tallest teams, at 8 p.m. This game promises to be quite a tussle, as the Deltas have a fast-breaking, hot-cold team.

In the other late game, the traditional rivalry between Tau Epsilon Phi and Sigma Alpha Mu will be renewed as the Teps, with one win and two losses, try to stop the unbeaten Sammies.

The tournament will continue through next week and, after the mid-semester rest, will continue until March 3rd.

Foilmen sharpen up for U of W meet

The Tech fencing team will be gunning for the first victory of their '48-'49 campaign when they engage the University of Wisconsin foilmen Saturday at Madison. The meet will mark the Techawks' initial appearance against big nine competition this season.

The swordsmen have been practicing three days a week in an effort to avenge their 18-9 defeat at the hands of Tri-State December 14.

Joe Billy, Wayne Johnson and Willie Nurenstien will represent the Techawks in the foil division; Richard Bright, John Bergson and Manager Bill Clark will fence in the sabre matches, and Captain Aaron Solan, Frank Valvoda and Fred Pidgeon will oppose the Badgers with the epee weapons.

"Look! I can walk again"

Join the MARCH OF DIMES

JANUARY 14-31

THE NATIONAL FOUNDATION FOR INFANTILE PARALYSIS



DARRELL F. BAKER notes the behavior of a steel specimen with a tensile strength tester in the CE department's "bust lab." Plans are underway to provide the laboratory with new equipment in the field of materials analysis.

'Bust lab' birth leads to Research Foundation

By Andy Arentz

Things sure ain't what they sound like—take the "bust lab" for instance; some poor student goes into the place expecting to investigate the structural properties of the feminine torso, and what happens? All he does is tear off pieces of steel and concrete.

"Materials lab," as it is more properly called, is located in the northeast corner of the main building basement. Although this area is sometimes flooded during the rainy seasons, it provides cozy quarters for the heavy machinery which it houses. Some of the devices can provide several tons of push or pull, not suitable to be borrowed for getting anyone through a course, however.

The history of the lab dates back to the beginnings of Armour Tech.

In 1914 Phil C. Huntly, retired head of the civil engineering department, came to take charge of 60,000 and 200,000 pound tensile stress testers in the lab and a 400,000 pound unit located elsewhere on the campus. Dean James C. Peebles worked with him in setting up testing standards and doing experimental work for industry. This latter function developed into the beginnings of the Armour Research Foundation. In 1937 Professor Huntly left the lab as an instructor, but continued to carry on in a consulting position.

Now under the supervision of Kenneth Millbradt, the lab boasts of several tension and compression testers, a torque machine, electrical strain gage equipment, fatigue and impact testing equipment.

Looking forward to providing even more facilities, the CE department is preparing new equipment. This will include devices for the demonstration and explanation of stress-coat testing, a relatively new field of materials analysis, and a process for simple examination of structural members under stress by photo-elastic means.

Although the laboratory is as old as the school itself, its equipment is carefully maintained and added to at intervals to keep it in step with modern developments. This provides students with an interesting course of study to correlate the theory and practical aspects of materials testing. Besides this, it is a source of fascinating enjoyment for the thousands of people who visit it during an open house exhibit. It's hard to tell where the tension mounts the highest, in the specimen being tested or in the spectators present, and harder to tell who feels more relieved when the material finally snaps under the strain.

LL dept. will show French film

"Crime and Punishment," the classic mystery by Dostoyevsky, will be the featured film at an assembly sponsored by the English department Thursday. The film will be sponsored in the MC auditorium at 1 p.m.

The version to be shown is in French, but has English subtitles. It stars Harry Baur, who is considered one of the finest French actors of the last decade. Admission will be free to all.

IRE hears Eisenshiml

Otto Eisenshiml, chairman of the board, Scientific Oil Compounding company, discussed "The Business Side of the Engineering Profession" at a meeting of the Chicago section of the Institute of Radio Engineers here on December 17.

Poster display setup delayed

A systematic display system for organizations was almost a reality for a while at the ITSA meeting Wednesday night.

According to Ed Zietz, ITSA representative on the committee studying the project, "Over two months of work and study by the committee came to nothing because Gilbert Force, Institute business manager, knew nothing of the plans of the committee. We've had the cooperation of the Society for the Advancement of Management on indoor bulletin boards, the cooperation of men in the architectural department on outside bulletins, the approval of the Student Union committee on location and the approval of 'Sonny' Weissman on the idea, and still Mr. Force brushed the plan off as being too hasty."

One of the main points of the plan was the placing of permanent strips for posters in prominent places in the North and South Unions. Mr. Force disapproved of this on the grounds that it had been tried, but abused by the

students. According to Zietz, the plan had not been completed and many of the organizations using the board had not been notified of their purpose. He went on, "The school once tried to systemize poster placing by providing the barest essential and taking care of only one phase of publicity. We're trying to organize a complete system for publicity of school functions so that the haphazard and property-damaging placement of posters and notices as in the past will be eliminated."

The plan was dropped without a final solution, but ITSA is sending a letter to the business office to see if the school will underwrite the project on the grounds that school property will be involved.

GOT TWO HOURS a week?
 You can become a Technology News staff member! We'll give you a press card! Apply at News office, South Union.

CAMPUS CAPERS... LAFF 'N LEARN

Johnny
 LIFTS DAVE FROM LOVE'S NADIR TO CORYBANTIC ECSTASY

LUCKY ME! ABOUT TO BEHOLD THE KALEIDOSCOPIC UNDULATIONS OF GRETA GAYHEART—AND ESCORTING THE MOST GLAMOROUS GAL ON THE CAMPUS

ROMANCE CERTAINLY SEEMS TO BE ON THE HORIZON, MY GAY LOTHARIO

AH, MY ROMANTIC ODALISQUE EVEN GRETA'S BEAUTY CAN'T COMPARE WITH—HRUMPH! ULP—HRUMPH! PARDON ME FOR CLEARING MY THROAT SO MUCH--

ROMANCE MY FOOT! YOU'VE BEEN HARRUMPHING AWAY ALL NIGHT LIKE A FULMINATING FOGHORN!

O-O! HE'S GOT CIGARETTE HANGOVER.

SKIP THE SODA, DON JUAN, AND GO HOME AND DO SOMETHING ABOUT THAT BARKING OF YOURS

PLEASE, PRINCESS—HRUMPH—HRUMPH—PARDON ME--

I'VE GOT TO SAVE THAT BOY'S ROMANCE

DAVE, YOU'VE GOT CIGARETTE HANGOVER. WHY NOT CHANGE TO PHILIP MORRIS, THE ONLY LEADING CIGARETTE PROVED DEFINITELY LESS IRRITATING?

SOUNDS SENSIBLE, JOHNNY, I'LL TRY IT

DARLING, EVER SINCE I CHANGED TO PHILIP MORRIS MY THROAT HAS FELT AS SMOOTH AS YOUR OWN IRIDESCENT AURIOLA

THE WAY YOU'RE PITCHING WOO, I'D SAY YOUR VOICE WAS NEVER MORE EUPHONIOUS

THANK YOU SO MUCH ROMEO, I NEVER ENJOYED A MORE DELIGHTFUL EVENING

I'M IN SEVENTH HEAVEN WITH YOU, GORGEOUS. BUT DON'T LET'S FORGET TO THANK JOHNNY AND PHILIP MORRIS TOO

BUILD YOUR VOCABULARY

NADIR — As low as you can get; directly under foot.

CORYBANTIC — Wild with excitement.

KALEIDOSCOPIC — Many-colored; technicolor, in fact.

UNDULATIONS — What panther women and serpents do, looping around gracefully.

LOTHARIO — The greatest "maker of time" before Bulova.

ODALISQUE — An Oriental charmer.

FULMINATING — Exploding, thundering.

CIGARETTE HANGOVER — That stale, smoked-out taste; that tight, dry feeling in your throat due to smoking.

IRIDESCENT — Changing colors under light.

AURIOLA — Golden halo.

EUPHONIOUS — Pleasant-sounding.

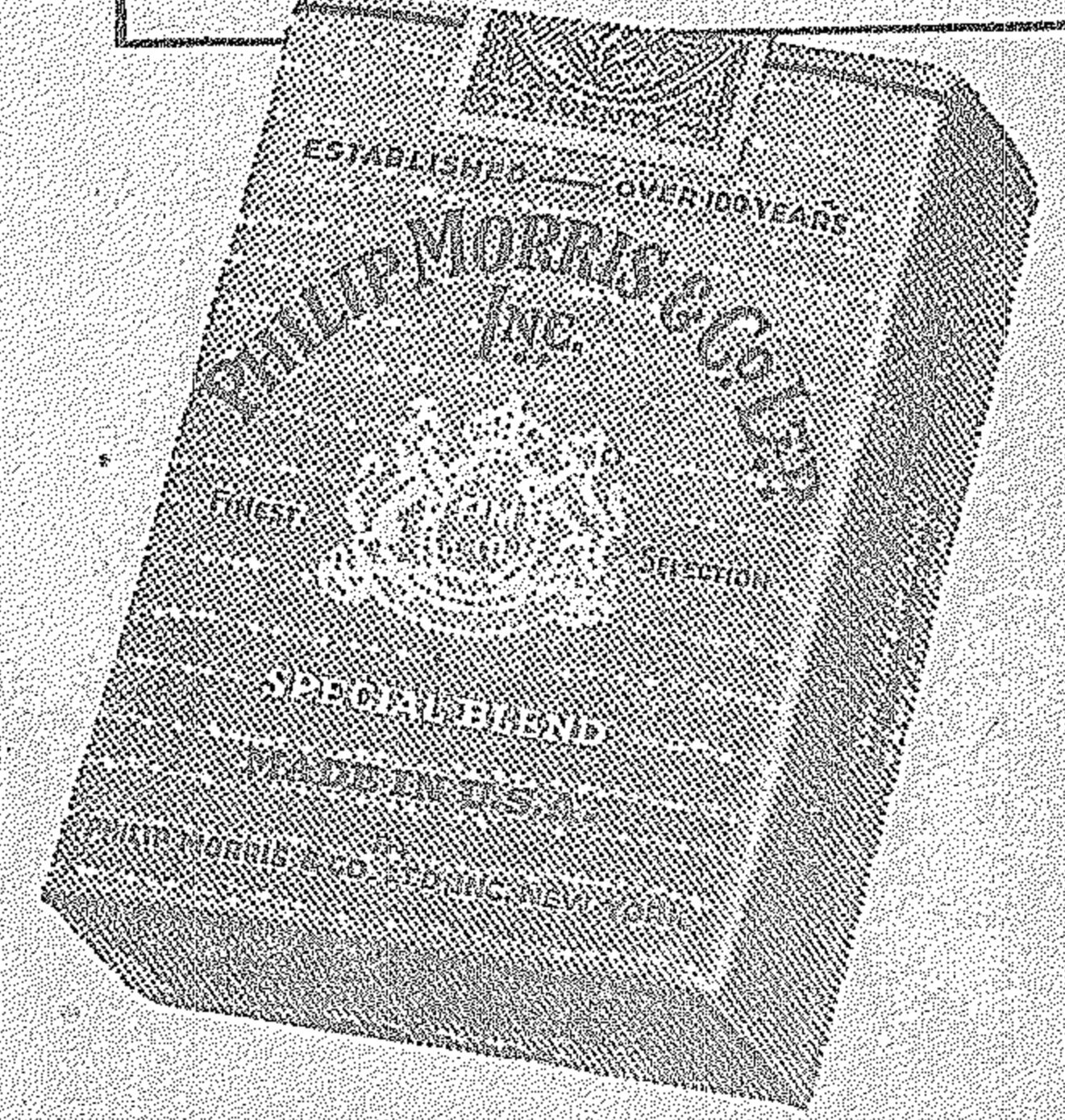


Our Story Points a Real Moral

Our campus story has a definite purpose: to make you realize the genuine DIFFERENCE that PHILIP MORRIS possesses. We have full proof of that, but too extensive to be scientifically detailed here. We cordially invite interested students engaged in chemistry and pre-medical work, to write our Research Department, Philip Morris Company, 119 Fifth Avenue, New York, N. Y.

CALL FOR

PHILIP MORRIS



Join the **MARCH OF DIMES**

FIGHT INFANTILE PARALYSIS

THE NATIONAL FOUNDATION FOR INFANTILE PARALYSIS

Baeyertz appointed to metals research job

Dr. Mary Baeyertz has been named assistant chairman of the metals research department of Armour Research Foundation. The appointment, announced by William E. Mahin, chairman of the department, was effective January 1.

Dr. Baeyertz, author of the recently-published book, "Non-metallic Inclusions in Steel," has been with the foundation as a senior metallurgist since March 1, 1947. Previously she was supervisor of research at the South Works of the Carnegie Steel corporation.

Dr. Baeyertz received her master's and doctor's degrees from Columbia university. She was awarded her bachelor's degree from Smith college.

In her new position, Dr. Baeyertz will assist Mr. Mahin in general scientific supervision of nu-

merous fundamental and applied research programs for industry and government agencies.

Vet bonus deadline here

The deadline for filing applications for Illinois state veterans' bonus is July 1, 1949.

The bonus law provides for the payment of \$10 per month for domestic service prior to September 2, 1945, and \$15 per month for foreign duty prior to the same date.

English dept. profs attend New York meet

Nine faculty members from Illinois Tech participated in the sixty-third annual meeting of the Modern Language Association of America in New York City last week.

Howard P. Vincent, chairman of the department of language and literature, made a progress report to the Melville Society of America.

Other members from Illinois Tech who attended the meeting are: K. F. Richter, associate professor of modern languages; associate professors of English M. L. Williams and Samuel Workman; assistant professors of English R. W. Frant, A. H. Stevenson, Alfred Ames and Miss Mollie Cohen; and Ernest Hixon, instructor in English.

APO acts as host to scout conclave

Delta Epsilon, the Illinois Tech chapter of Alpha Phi Omega, national service fraternity, was host to the National Convention at the La Salle hotel on December 28, 29, and 30.

Lester Templeton, president of the chapter, delivered the opening address to men representing approximately 90 per cent of the 160 chapters throughout the United States.

Since Alpha Phi Omega is a service fraternity of men formerly and presently associated with the Boy Scout movement and has for its aims friendship, leadership and service, the convention appointed a committee to take action in making the fraternity an international organization to include scouting men in other countries. A move toward adapting a stronger alumni relations policy was adopted to bring the alumni closer to the fraternity. Chicago and Milwaukee

have the only two alumni chapters in existence at the present time.

The maintenance of fraternity houses for the chapters was brought up, but voted down because the convention decided the owning of chapter houses was not necessary for the spirit of Alpha Phi Omega. The chapters may, however, rent or purchase space in which to carry on fraternity business activities.

Purdue's chapter presented a special service award to Arno Nowotny, national chairman, and highlighted the convention with their many fraternity songs and enthusiasm.

TEP elects two to fill vacant posts

Special elections were held Wednesday by Tau Epsilon Phi to fill vacancies created by graduation of members. The vacant offices were Chancellor and Warden.

Each active and pledge will put in eight hours of work between semesters to improve the general condition of the newly acquired quarters in Brown hall. Included in the reconditioning plans are the resurfacing of the chapter room floor and the addition of new showers and toilet facilities.

Radio club hears TV talk

Robert O. Brown, former production foreman for the Zenith Radio corporation and now a student here, spoke before the Radio club Tuesday in the MC auditorium.

A former second lieutenant in the signal division of the United States army, Brown discussed "Multi Vibrators and Their Practical Application in Television." He is a junior EE.

tech timetable

Items appearing in Tech Timetable are those which have been scheduled with the Dept. of Students' office.

Friday, January 7—
EE seminar, 8:10 p.m., Exec. conference room
Phi Eta Sigma, 7 p.m., NSU lounge
Senior class officers, 5 p.m., Exec. conference room
Tau Epsilon Phi and Sigma Alpha Mu joint dance, 9 p.m., Brown Hall ballroom
SAM, 3 p.m., MC aud.
Delta Zeta, 5 p.m., 202C
Rho Epsilon, 5 p.m., 414C

Saturday, January 8—
Alpha Phi Omega, 8 p.m., NSU lounge

Monday, January 10—
Math club, 1 p.m., 114C
ASCE, 1 p.m., CB aud.
AIEE, 1 p.m., MC aud.
IHC, 1 p.m., IHC room
ACS, 1 p.m., 118MC
Aero science, 6:30 p.m., East dining room
Aero science, 8 p.m., MC aud.
IAeS, 1 p.m., 302M
Navy field trip, noon

Tuesday, January 11—
BE club 4 p.m., MC aud.

Wednesday, January 12
Women's club, 2 p.m., MC aud.
ITSA, 6 p.m., Exec. conference rm.
SAM, 5:30 p.m., 101MC
Sigma Kappa, 5:30 p.m., Alumni conf. room
Women's club, 1-2 and 4-5 p.m., Exec. conference room
BON, 10 p.m., 3-D back

Thursday, January 13
AIMME, 1 p.m., CB aud.
AICHE, 1 p.m., 302M
WSE, 1 p.m., 305M
Tau Beta Pi, 4 p.m., Exec. conf. room

Friday, January 14
SAM, 3 p.m., MC aud.

GENERAL ELECTRIC

Presents

"House of Magic"

THE SHOW THAT THRILLED MILLIONS AT THE WORLD'S FAIRS

ADMISSION FREE!



Music is sent across the stage on a beam of light



Electricity passing through the demonstrator's body and arms lights a lamp held in his fingers

See

- * The train that obeys spoken commands!
- * Motionless motion!
- * A man shake hands with his own shadow!
- * An electric lamp lit with a match!

... and many more!

North Student Union Auditorium

Jan. 19

1 p.m., 5 p.m.

A SHOW PACKED WITH ELECTRICAL THRILLS!

J. Paul Sheedy* Switched to Wildroot Cream-Oil Because He Flunked The Finger-Nail Test



THE hair that bothered this tortoise didn't run him a race, as they "tort-us" back in school. His hair just kept getting in his eyes! Being naturally slow, it took some time for him to try the Finger-Nail Test. But when he did, brother, did he move fast for a bottle of Wildroot Cream-Oil—and look at him now! No more dryness and loose, ugly dandruff! Wildroot Cream-Oil keeps his hair well groomed all day long.

What non-alcoholic Wildroot Cream-Oil containing Lanolin did for Sheedy, it can do for you. So get a bottle or tube today at the nearest drug or toilet goods counter. And have your barber give you professional applications. You'll like what Wildroot Cream-Oil does for your hair—so mock this turtle and start using it today.

* of 527 Burroughs Dr., Snyder, N. Y.

Wildroot Company, Inc., Buffalo 11, N. Y.



Graduate positions open until March 15

Applications for fellowships, scholarships, and assistantships for graduate study, research, and teaching will be accepted until March 15, it was announced by Dr. W. A. Lewis, dean of the graduate school.

Fellowships are available in special fields of study—power systems engineering, gas technology, and industrial research. Scholarships covering tuition are available for exceptional students.

Teaching assistantships are open in all departments. Half-time assistants may take a half-time graduate program and third-time assistants a three-quarter-time study program, with the remainder in each case devoted to teaching.

Graduate courses leading to master's and doctor's degrees are offered in architecture, bacteri-

ology, biochemistry, biology, business and economics, business and engineering administration, chemical engineering, chemistry, city planning, civil engineering, electrical engineering, mathematics, mechanical engineering, mechanics, metallurgical engineering, physics, psychology, public administration, and public engineering administration.

Applications should be addressed to the Examiner of Credentials, Graduate School, Illinois Institute of Technology, Technology Center, Chicago 16.

Top Tau Beta Pi job goes to Gene Stanley

In an election held December 16, Tau Beta Pi chose Eugene Stanley for president. As president of the engineering honor society he will become chairman of the Interhonorary council.

Ted Adams, ME major, was elected vice-president; Bob Amstutz, EE, corresponding secretary; Sid Jaffe, CE, recording secretary, and Keith McKee, CE, cataloguer.

Stanley, a 7th term EE, was a feature writer for Technology News, is on the Integral staff, and served as pledgemaster for Sigma Iota Epsilon. He is also a member of Eta Kappa Nu.

AIEE meeting features cokes, donuts and movies

"Old Time Movies" will provide the entertainment at the meeting of AIEE Tuesday at 1 p.m. in the MC auditorium. Following the movie, cokes and doughnuts will be served.

The coming semester's schedule has been rearranged to provide for small technical meetings as well as the featured guest speaker type.

These technical meetings will be held for the sole purpose of discussing specific phases of electrical engineering rather than the field as a whole, and will have as subjects general education and industry and power.

Men desiring to work with any of the above-mentioned groups are requested to contact one of the officers of the Illinois Tech branch of the AIEE.

PLACEMENT SCHEDULE

- Friday, January 7—R. R. Anderson
- Monday, January 10—Container Corporation of America
Ceco Steel Co.
- Tuesday, January 11—Socony Vacuum
Phillip Carey Manufacturing Co.
- Wednesday, January 12—Buehler Co.
Singer Co.
Montgomery Ward
- Thursday, January 13—Morton Salt Co.
Argonne National Laboratories
- Friday, January 14—Material Service Corporation

A *lways* B *uy* C CHESTERFIELD

"Chesterfield is MY cigarette. I smoke them because they're MILDER."

Bob Hope

STARRING IN
"PALE FACE"
HIS LATEST PARAMOUNT PICTURE



MAKE YOURS THE MILDER CIGARETTE

"Chesterfield is my idea of a Milder smoke. I never found any other cigarette that could take Chesterfield's place. It's My cigarette."

Lou Boudreau

VOTED THE MOST VALUABLE PLAYER
IN THE AMERICAN LEAGUE

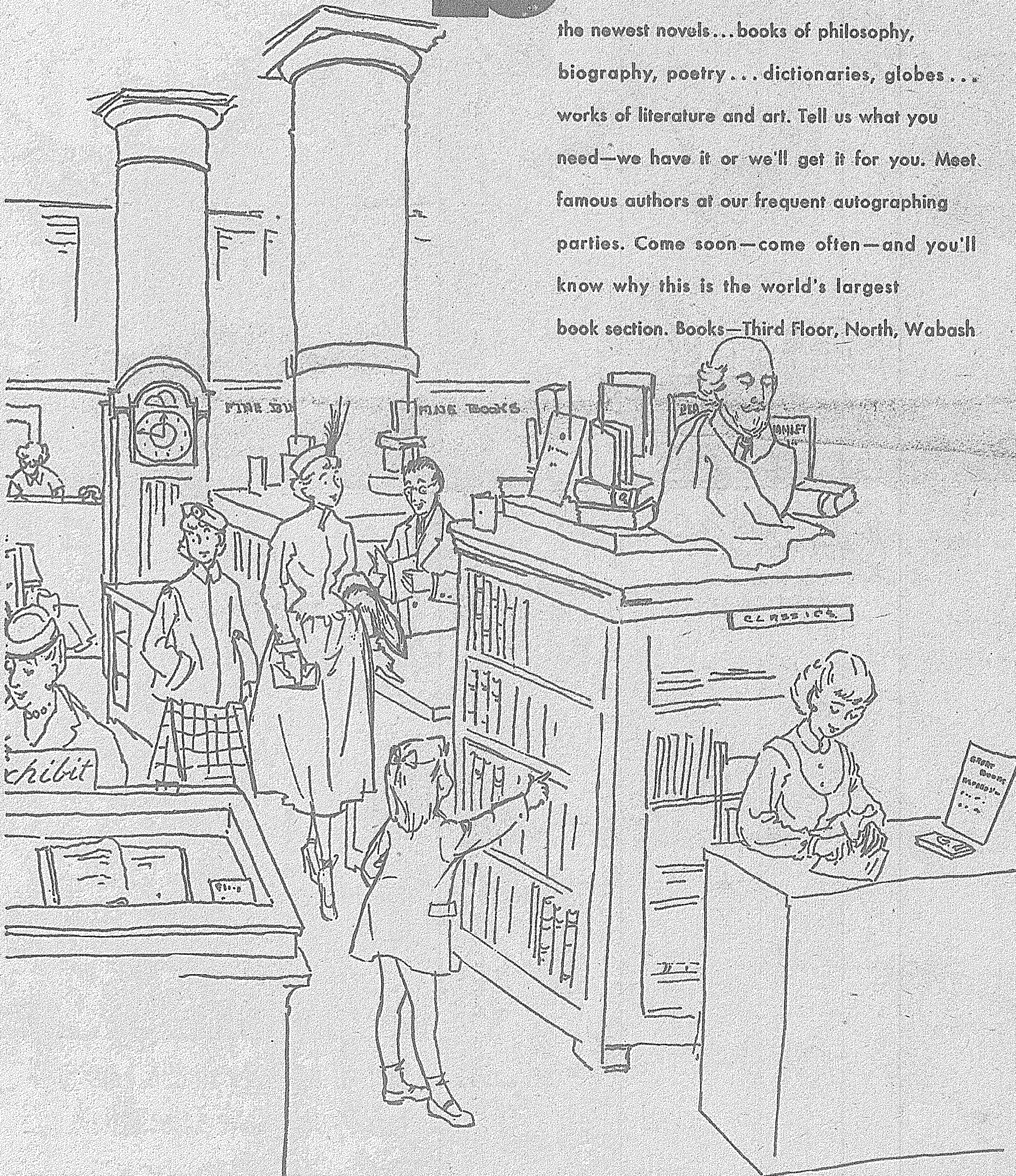
MORE COLLEGE STUDENTS SMOKE CHESTERFIELDS THAN ANY OTHER CIGARETTE—BY LATEST NATIONAL SURVEY

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9:15 to 5:45

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