



EAGERLY AWAITING TONIGHT'S sophomore dance is Betty Ascher, freshman chem student. The "Varsity Farewell" will follow tonight's double-header basketball game.

Sophs staging dance tonight

A contrast in flashing basketball fury and smooth dancing will mark tonight's "Varsity Farewell."

After the IM-IF All Star game and the IIT-Milwaukee Teachers' contest in the gym, sophomore hosts will open the North Union building until midnight. The lounge and auditorium will have continuous dancing with girls invited from nearby schools awaiting Techawk partners. Refreshments will be available in the cafeteria.

Since Techawks are still recovering from financial bruises incurred during registration, sophomore officers' intentions are to make the evening an inexpensive one—admission

rates are low and music will be recorded.

Occurring early in the semester, the event offers many Techawks their first worry-free social event before the deluge of homework severely limits their activities.

Tickets are available at the booth in North Union lobby or from Sherman Roberts and other sophomore class officers.

Staff members for Technology News sought

A staff meeting for all Technology News staff members has been scheduled for 1 p.m. Tuesday in the News office.

At the meeting, to which any student interested in writing for the newspaper is invited, press cards will be distributed and general assignments outlined.

"No staff members have been assigned 'to beats' as in the past," announced Dave Pasik, editor-in-chief, "because we have found definite assignments to all writers are far more effective in building up a strong staff."

Since the new staff policies were initiated last semester, the staff has been growing, but Pasik stated that plenty of room is available for new writers, and especially urged freshmen and sophomores to attend the meeting Tuesday.

Because of the impossibility of having a reporter permanently assigned to each Institute club, activity, and department, it will be necessary in the future for these groups to contact Technology News for publication of routine news material.

Pasik suggested that student organizations appoint a press representative responsible for submission of material concerning meeting times, election reports, and the like.

FBI agent to talk at HKN dinner

The Illinois Tech chapter of Eta Kappa Nu, both alumni and undergraduate groups, is sponsoring a banquet in the Oceanic room of the Knickerbocker hotel tonight at 6:30. Members of Eta Kappa Nu and Tau Beta Pi from both Northwestern and IIT have been invited to attend.

Principle speaker of the evening will be Richard A. Hosteny, assistant special agent in charge of the local Federal Bureau of Investigation. He will talk about "The Work and Functions of the FBI."

One of the highlights of the dinner will occur when Frank Sanford, Director of Research, Copper Wire Engineering Association, presents the Illinois Tech chapter of Eta Kappa Nu with an award for being the most outstanding chapter in the country.

Present at the dinner will be M. M. Cory, national president of Tau Beta Pi, Alton B. Zerby and Robert Nagel, national secretaries of Tau Beta Pi and Eta Kappa Nu, respectively. The evening's toastmaster will be L. A. Spangler of the Westinghouse Electric company and former national president of Eta Kappa Nu.

Preceding the banquet, the Tau Beta Pi chapters of Northwestern and Illinois Tech will hold a brief business meeting at 5:15 in the Rose room of the Knickerbocker.

Enrollment drops slightly

Enrollment for the spring semester at IIT totals 7,256 day and evening undergraduate and graduate students, Raymond D. Meade, registrar, reported this week.

Full-time enrollment figures are 3,329 undergraduates and 166 graduate students, a total of 3,495. Evening enrollment, made up of 3,390 undergraduates and 371 graduate students, totals 3,761.

These figures do not include late registrations on the campus and extension enrollment in cooperating industries in the Chicago area, which are expected to boost the total by about 500, Meade said.

Final enrollment will approximate 8,000 students, or about 300 less than last semester. This drop is normal, Meade said, since the fall semester enrollment is always larger than that of the spring term.

TECHNOLOGY NEWS

Volume 48, No. 15

Illinois Institute of Technology, Chicago, Illinois

February 25, 1947

Faculty approves student rating

A cross section of the Illinois Tech faculty, interviewed this week by Technology News, expressed approval and offered suggestions on the recently completed faculty rating survey.

Interviewing instructors from various departments, the four-day poll found that the faculty regarded the project as "an excellent idea."

Faculty members indicated a continuation of the rating survey would be profitable. G. Harvey

Benham, associate professor of biochemistry, said, "The concluded faculty rating poll might well become a permanent institution."

New and old instructors acknowledged that the questionnaire contained good suggestions and had been helpful. One of the new members of the electrical engineering department, Carl D. Pierson, stated, "It enables the new teacher to readily improve his techniques. Also, an instructor who has been teaching a relatively long time has an opportunity from the attitude of the class and other devious sources to perfect his teaching ability."

Robert W. Frank, assistant professor of English, who has been teaching 10 years, stated that the poll was "his first chance to get an objective picture of student reaction. Dr. Frank remarked, "Teaching is an art and, like any art, it needs criticism if it is to be practiced with increased skill."

One of the faculty staff interviewed had been rated by a departmental survey three years ago. After commenting on the recent poll, Leander W. Matsch, professor of electrical engineering, indicated that the earlier survey had raised his standards of instruction. He said, "Points of corrective criticism made in a survey three years ago were not repeated in the most recent survey, which indicates an improvement in my methods of teaching."

Suggestions for the improvement of the survey were readily given. One of the newer instructors of the business and economics department, Samuel Straus, indicated that he would like to see more time given to the students for filling in the questionnaire.

R. A. Budenholzer, professor of mechanical engineering, said, "It seems that such a survey

(See PROFS CALL on page 2)

Doctor to blast Kinsey report

Herbert A. Ratner, M.D., a member of the faculty of the Stritch School of Medicine of Loyola university and lecturer on the faculty of the University of Notre Dame, will speak to an all school assembly at 1 p.m. Thursday in the North Student Union auditorium. The subject of his speech, which is being sponsored by the Newman club, is the controversial Kinsey report.

A graduate of the School of Medicine of the University of Michigan, Dr. Ratner spent several years at Michigan on the faculty in the Bacteriology department and in the Department of Experimental Medicine. Dr. Ratner, besides being a practicing physician

of a highly specialized college professor who, though efficient in making statistical enumerations, betrays his loss of the profound insight into nature that is present in the less specialized adult. Dr. Ratner will also give several of his other critical views on the Kinsey report.

Claim lost articles in S. Union

Unclaimed lost articles and books collected last semester by the maintenance department have been turned over to the Illinois Tech Student Association for disposal by auction.

Items in the assortment include textbooks, slide rules, notebooks, many articles of clothing, billfolds, car keys, and eye glasses. Names of owners found in the various pieces have been posted on the ITSA bulletin boards in both Student Union buildings.

Claims for this property, all lost during last semester, may be made to Bob Elliott or Al Winsberg of the Student Union committee in the ITSA office in the South Union.

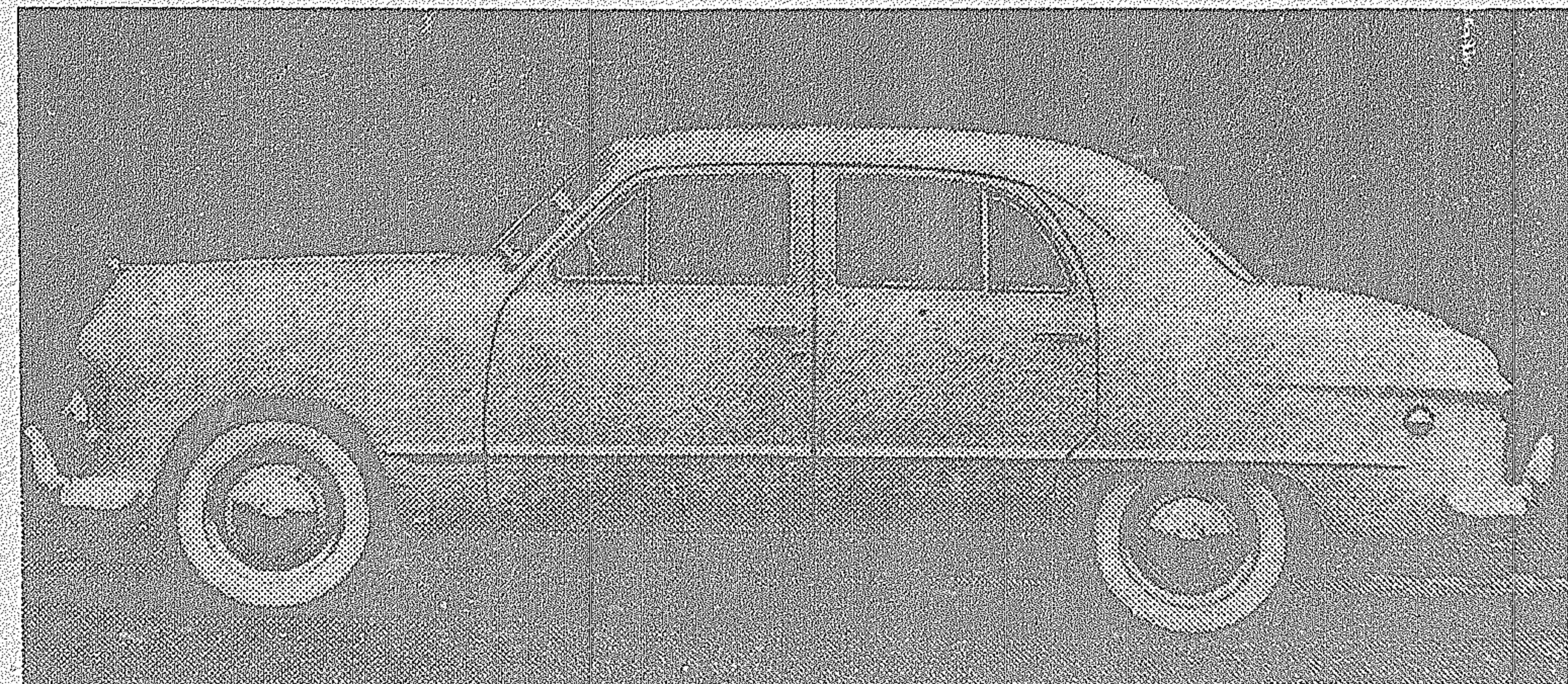
Any articles not called for within the next two weeks will be auctioned in the South Union lounge on a date to be announced next week.



HERBERT A. RATNER

and public health consultant, has lectured and been an advisor at Marquette university, Northwestern university, St. John's at Annapolis, the University of Illinois School of Medicine and several other colleges and universities in the Middle West.

Dr. Ratner has described the Kinsey report as a typical product



THIS NEW 1949 FORD model custom four-door sedan will be given away during the halftime ceremonies of the Technology News All Star Intramural-Interfraternity basketball game March 11. Full details in next week's Technology News. More dope on page 9.

Senior dance follows cage tilt

Coming events bring the Techawk a chance to make a small fortune without having to go to IIT for fifty years.

The "Monte Carlo Shuffle," under senior auspices, will offer dancing and entertainment, including the race for the "gold" immediately after the IM-IF All Star basketball event on Friday evening, March 11.

Al Freel's smooth music will background the dancing session in the North Union auditorium; girls invited from surrounding schools will insure plenty of dancing partners.

Variety acts are being sought for the intermission entertainment, according to seniors Audrey Read and Johnny Chervenak. Rehearsal dates and ticket information will be announced later.

Minkler named new co-op coordinator

Harold L. Minkler has been named coordinator of cooperative programs, Dr. John T. Rettaliata, dean of engineering, announced recently.

Minkler will continue as assistant director of placement and associate professor of technical drawing. A. G. Giles, who has been serving as extension coordinator, will return to the technical drawing department in his position as assistant professor.

Mr. Minkler will supervise Illinois Tech's existing cooperative programs in food engineering and mechanical engineering. He will work with industry in the Chicago area to explore and establish new study-and-work programs mutually beneficial to industry and college students.

In general, degrees are awarded to co-ops after five years, including summers, and the students are benefited by close association with industrial methods and practices.

Minkler was named assistant director of placement last August. For two years previously he was industrial coordinator for the engineering program sponsored cooperatively by Illinois Tech and Rockford college on the latter's campus. In his new position, he will work closely with the Rockford program.

Minkler is a member of the American Society for Engineering Education, the Inter-Professional Men's Forum of Rockford, and the University Club in Waukegan.

Israel club sets program

The engineering situation in Israel will be the focal topic of Israel club discussions for the coming semester, Jerome Weiland, president, announced at the February 17 meeting. Progress of the Jordan Valley authority will be studied by the group in particular.

On March 2, Rabbi Pekar-sky of the University of Chicago Hillel foundation will speak on "The Future of the American Jewish Community" before a joint meeting of the Israel club, SAM, AEP, and TEP fraternities, and PBP sorority. The meeting will take place at 8 p.m. in Brown hall.

Among the speakers scheduled for the Israel club this semester are Haim Reingold, associate professor of mathematics, and Herbert Levinson of the American Technium society.

The officers of the Israel club this semester are Jerome Weiland, president; Al Oppenheimer, vice-president; Jerry Pollak, recording secretary; Ruth Harris, corresponding secretary; Maier Margolis, treasurer, and Alec Odinalt, librarian.

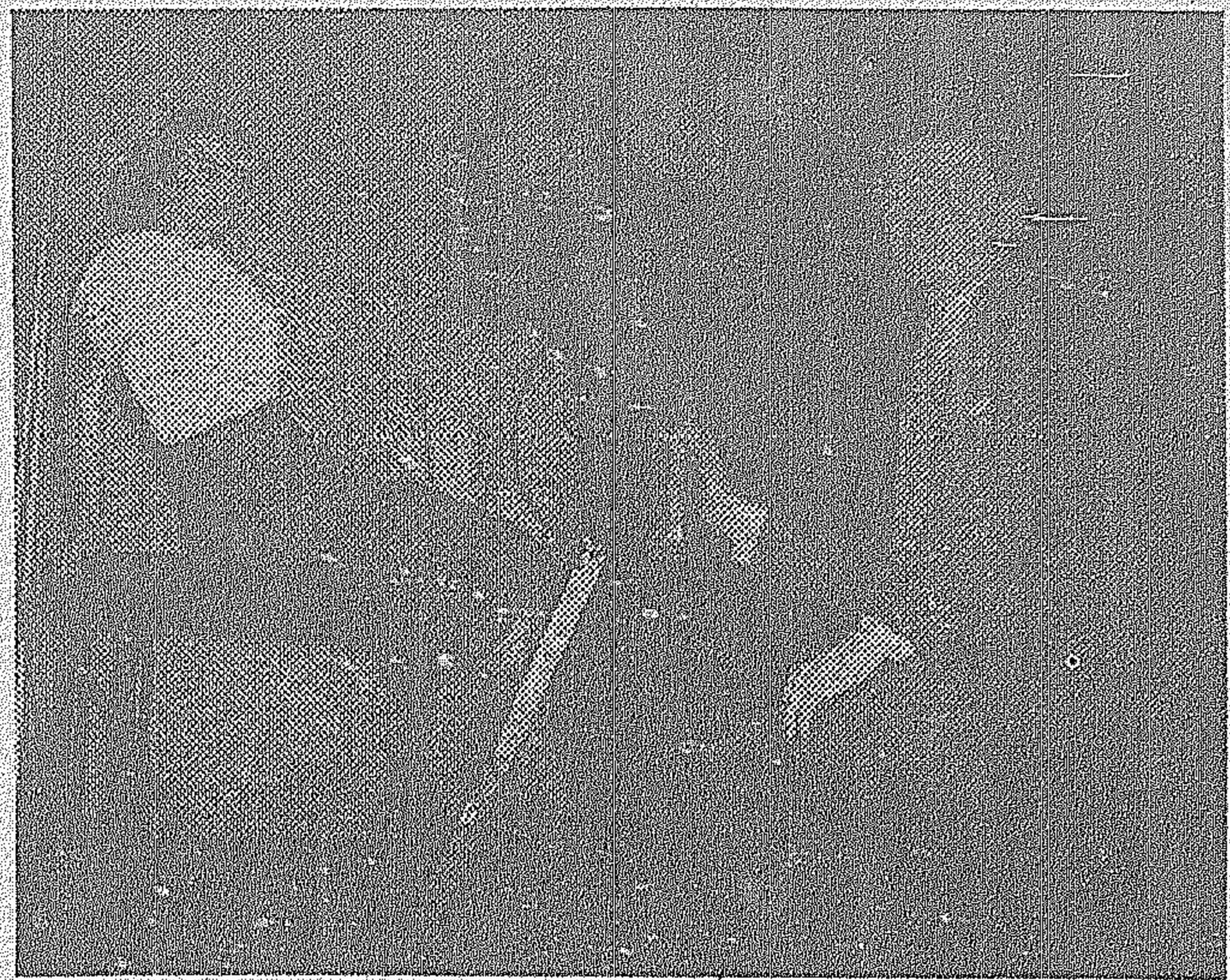
Armour Eye holds first studio night

The Armour Eye welcomed 15 new members at its first studio night of the year yast Monday in the NU auditorium. Shutter-bugs turned out en-masse to talk shop and to photograph model Marty Schnider (see picture), who was made available by the club.

John Pretto, 3rd semester ME, contributed to the success of the meeting with his demonstration of portrait photography. Pictures taken during the course of the evening were rushed to the Armour Eye's darkrooms, processed immediately, and sent back to the gathering for comments and discussion.

After the demonstration, the photographers, beginners and advanced, took advantage of the lights and the model by taking numerous shots.

The next event on the agenda is a trip to the airport, to result in a contest of the best pictures

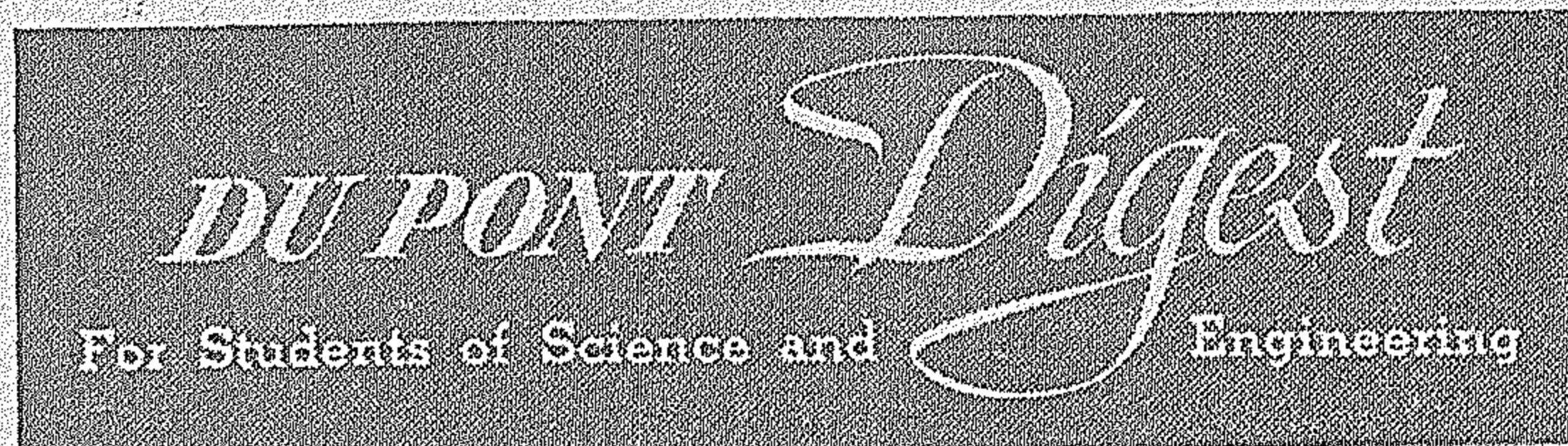


STUDIO NIGHT lensman John Pretto readies camera to photograph model Marty Schnider. Armour Eye plans to sponsor more such nights in the future.

taken. The club also plans field trips to the dunes and other beauty spots when the weather permits. Trips through some of the larger commercial photographic houses in the city, and lectures by news photographers and movie ca-

meramen are being arranged for regular evening meetings.

Anyone interested in joining Armour Eye should contact President Peter Quinn Waterloo, senior IE, or any other officer in room 414C.



The story of A CHEMICAL ACHIEVEMENT

How Du Pont scientists found a way to Moistureproof Cellophane

There's no secret to Du Pont's successful system for making chemical discoveries. It is simply research through teamwork.

As each new problem in research arises, it is tackled by men and women whose training and skill qualify them to master it. Backed by ample funds and facilities, they are continuously extending the field of scientific knowledge.

Take the case of moistureproof Cellophane. Plain, transparent Cellophane was strong, clear and protective. As a packaging material it had eye appeal. Its uses were limited, however. Perishable foods wrapped in this cellulose film were protected from contamination and were good to look at, but they did not retain their freshness. They either lost or absorbed moisture, depending on the nature of the food and atmospheric conditions.

That was a challenge to Du Pont research people. They set out to find materials that would moistureproof Cellophane without materially affecting its thinness or transparency. After developing a basic test to meas-



Dr. Holo Charch, Ph.D., Ohio State '23, re-enacts discovery of moistureproof Cellophane film. Bag at far right held water for weeks; other control bags showed evaporation.

ure moistureproofness, they tried various procedures—adding ingredients to Cellophane dope before casting, impregnating sheets in baths and coating the film.

Coating showed the most promise. Had you been a member of the research team on this job, you might have helped mix and test several hundred different coating formulae over a 10 months' period. With successful coatings in sight, a small pilot operation was set up. Then—to make sure the new Cellophane was right—doughnuts, cookies and cakes were wrapped in it and sent to market. Finally, engineers were called on to design machinery for full-scale operation.

Now everything from chewing gum to porterhouse steaks is being sold in moistureproof Cellophane. Another scientific achievement is helping change the food packaging and food buying habits of America!

Using your training at Du Pont

Diverse problems call for diversified talents. At any one time, there are hundreds of interesting projects under way in the Du Pont laboratories. You may be trained in chemistry, engineering or physics. You may have studied in the fields of botany, entomology, parasitology, pharma-



Cellophane has become the nation's symbol for modern packaging. Since 1927, continuing research has developed over fifty different types.



Cellophane is made by extruding viscose through a die into an acid bath where it coagulates into sheets. Moistureproofing follows.



Organic Chemist M. I. Ward, Ph.D., Illinois '42, and Physicist P. E. Rouse, Jr., Ph.D., Illinois '41, conducting research on the permeability of thin membranes, including Cellophane.

cology or plant pathology. In fact, almost all the sciences are put to use at Du Pont.

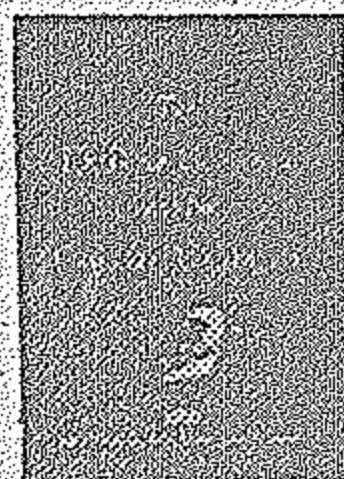
Working as a member of a small team, the individual is afforded every opportunity to show his talent and capabilities.



BETTER THINGS FOR BETTER LIVING
... THROUGH CHEMISTRY

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

This is a booklet you shouldn't miss



Before deciding on your first job, send for your free copy of "The Du Pont Company and the College Graduate." Describes opportunities for men and women with many types of training. Explains how individual ability is recognized and rewarded under the group system of operation. Address: 2518 Nemours Building, Wilmington 98, Delaware.

WRITE TODAY for The Du Pont Company and the College Graduate

Plans discussed for Junior Week

By Otto Kroh

The leather of the harness worn by the Junior Week Open-House committee is beginning to creak and strain as the bandwagon slowly rolls into action.

At this time the committee heads are simply feeling out their jobs, getting ready to give it all they've got. This process takes about a week—approximately one-half the length of time it takes to accept new class schedules as one's own.

Junior Week has been a part of annual campus activities for some 40 years now and, to compare it to a more familiar event, it occupies the same position at IIT as does the Mardi Gras in New Orleans. It is a time of year when slide rules are forgotten, books are temporarily closed, and would-be engineers look about them to find that spring has come at last and that there is a surprising amount of activity on campus. In short, it's a breather much welcomed after three months of studying.

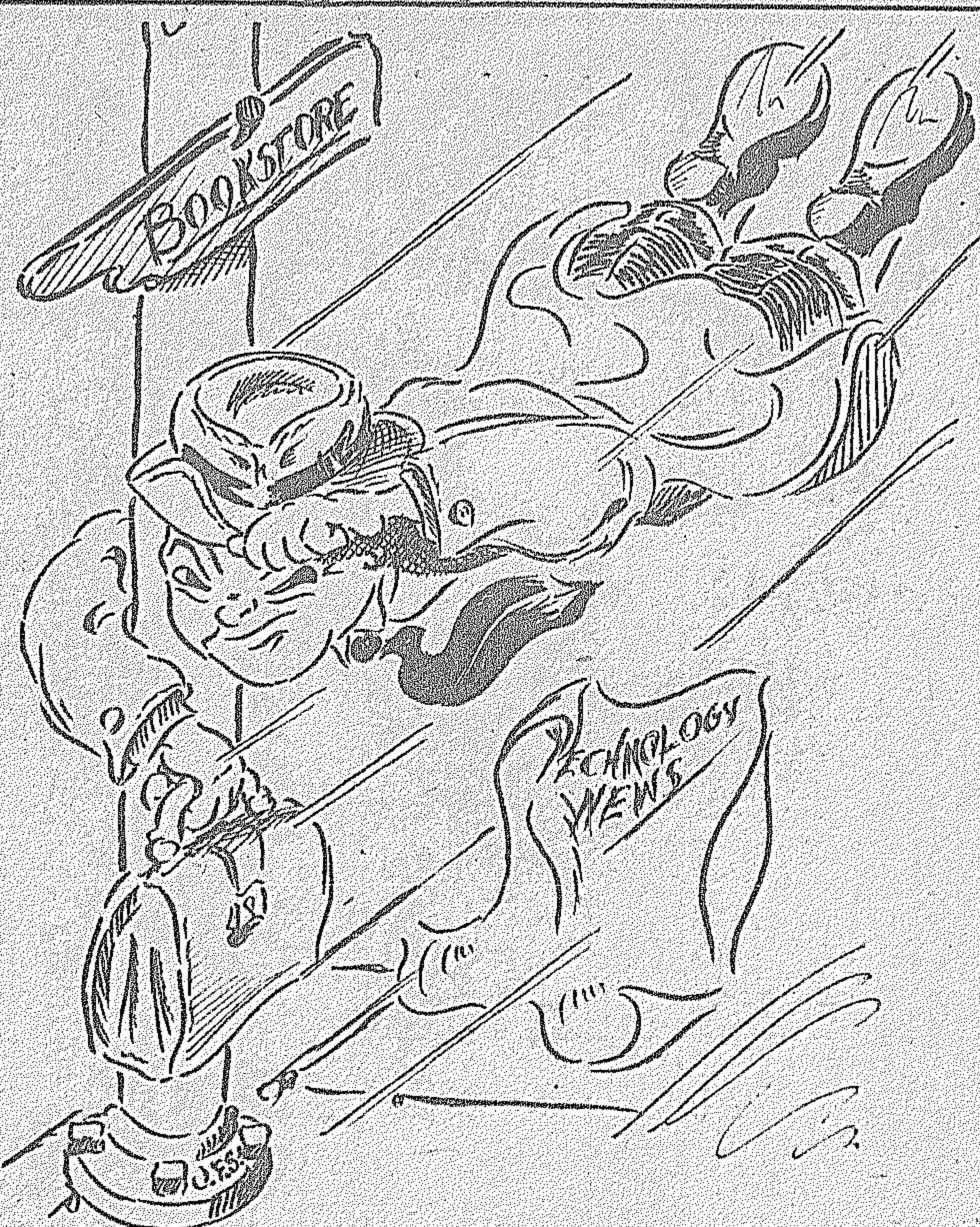
Among the activities that may be witnessed during Junior Week-Open House are

a fashion show, baseball games, model railroad layouts, technical and professional demonstrations, Rough Castings, the singing of barbershop quartets, and the crowning of the Man and Woman of the year.

There have been barbershop quartets before, but they were held in conjunction with the interfraternity sing rather than having a separate spot of their own as is planned for this year. Groups of four including men and women, faculty members, fraternity members and independents are eligible. There are only two requisites for entry into the contest, and they are that members must have a direct connection with IIT and that they fill out a form obtainable in the office of Technology News or the Junior Week-Open House office in the basement of MC.

The contest is to be conducted and judged under the rules and regulations of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America. It will be run under auspices of Pi Nu Epsilon, the honorary musical fraternity.

The Man and Woman of the Year contest, won last year by the well-remembered Pat Vedel (now Mrs. Frank Bagamery) and Robert Cunningham, IIT's admissions counselor, will be run by the same rules this year as last. The rules are simply that seventh and eighth term men and women, the only people eligible for entry, will be chosen on a basis of scholarship, extra-curricular activities, and popularity.



The exact dates for the election have not as yet been set, but on those days all students on campus will have the opportunity to vote for their favorites. To aid students in their selection, lists of the names of the candidates followed by their accomplishments will be available.

The various committees are in dire need of members and urge all interested students to leave their names, addresses, telephone numbers, what committee they would like to work with, and when they could devote time to that committee. This information should be deposited in the Junior Week-Open House office in the basement of MC or into Box 74, student postoffice in NU. A list of the various committees may be obtained at the Junior Week-Open House office.

Apartment to be ready by Sept. 1

The new 10-story apartment building should be ready for occupancy by September 1, according to latest reports. The 116 apartments will be available in two, three, and four-room units.

Preliminary applications for rooms are now being taken at the office of the treasurer, 226 MC, married students and faculty members being given priority. Reservations from groups of students are also being taken. The date of the preliminary application will determine the order in which confirming applications are accepted.

Charges for the two and three-room units will be \$70 and \$90, respectively. Four-room units will have a higher monthly rental. All utilities but telephones will be supplied; otherwise, the rooms are unfurnished.

Seek Jazz club room

With the aid of ITSA, the Jazz club is seeking a suitable room to be available at all times for students who wish to listen to jazz records or meet for a jam session. This is the purpose of the first meeting of jazz fans 1 p.m. Tuesday in room 103MC.

Jazz fans and instrumentalists, whether they are partial to "bebop" or "Dixieland," will want to attend to organize and discuss future plans.

Apply for extra Integrals now

Students who did not pay for their 1949 Integral may sign a priority list posted in the SU. While signing this list does not assure one of a copy, excess books will be sold to these priority students first.

The Integrals will be available the latter part of May.

Music clubs map program of pop songs

The musical clubs will present a program of popular music during the free hour March 10. The glee club will sing numbers ranging from "Buttons and Bows" to "Shadrack." The orchestra will feature the selection "Student Prince" and the band will play several of the well-known Sousa marches.

An opportunity to sing songs they know, and some they don't know, namely the "IIT Fight Song" and the "Alma Mater," will be furnished.

MARTY'S
Restaurant and Lounge
 Fine Italian Food
 For 30 Years—
 Special Family Dinners
 —From \$1.65
 Open Every Day
 from 11 A.M. to 2 A.M.
LUNCHEONS · DINNERS
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FOR ALL OCCASIONS
 Illinois Tech students are cordially invited to avail themselves of our facilities.
 For Reservations:
 936 W. DIVERSEY PKWY.
 LAkeview 5-0936

How rhythmic can a rhythm song be?

You'll know when you hear Blue Barron's new waxing for MGM Records—
"Powder Your Face With Sunshine"

The Barron has a foot-tapping arrangement here—a combo of Dixie, shuffle and 2-4 time. It's sure-fire styling for a danceable hit tune. And on the flip, Blue puts "Cruising Down the River" into fast waltz time. Blue Barron likes to mix his rhythms—but in smoking, he sticks to one brand—Camel. Here at the right, Blue is telling his vocalist, Betty Clarke, about Camels.

How MILD can a cigarette be?

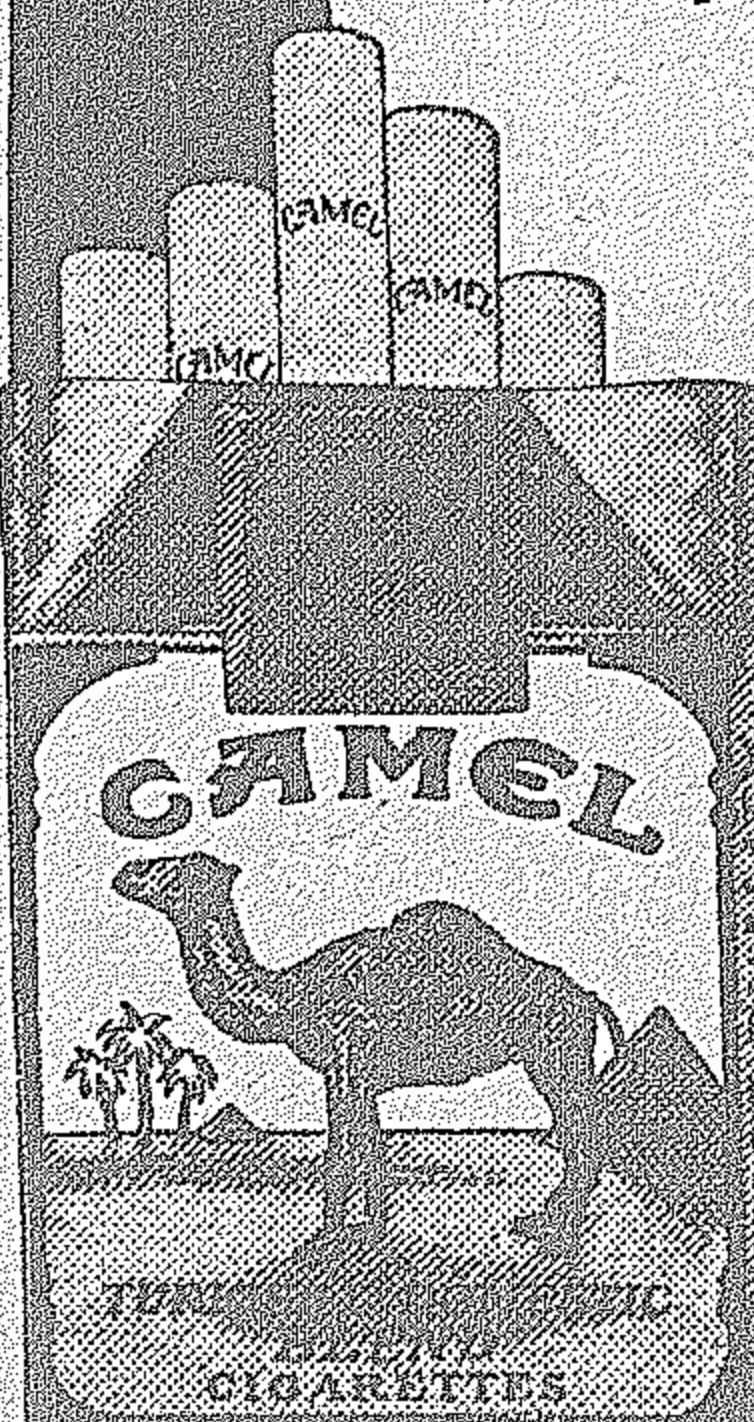
Make the **CAMEL 30-DAY TEST...**
 and you'll know!

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

I KNOW HOW MILD A CIGARETTE CAN BE! I'VE SMOKED CAMELS FOR YEARS!

THE 30-DAY MILDNESS TEST CONVINCED ME. CAMELS ARE SO MILD—AND TASTE SO GOOD!

NOT ONE SINGLE CASE OF THROAT IRRITATION due to smoking—

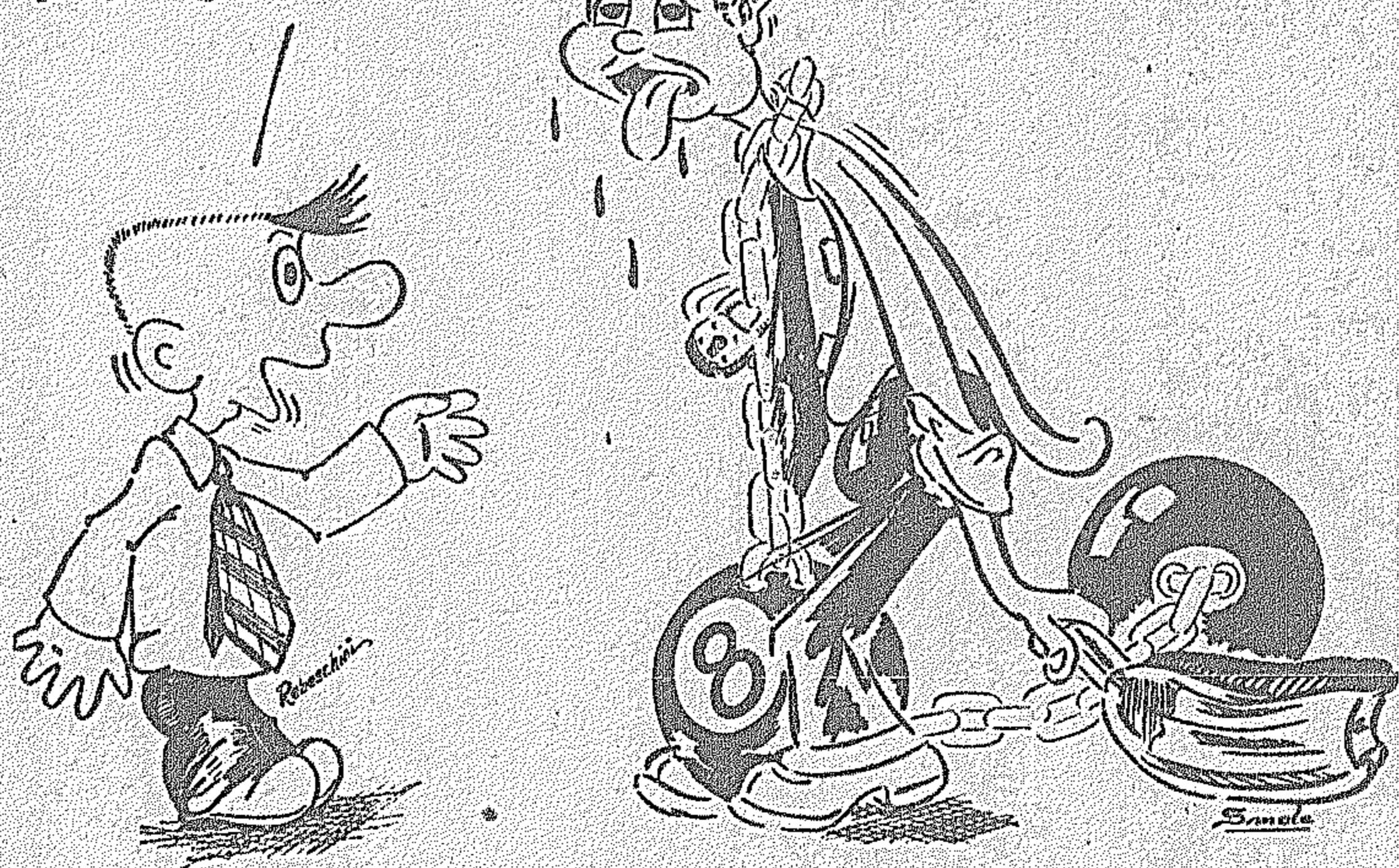


Camels

Money-Back Guarantee!

Smoke Camels and test them in your own "T-Zone." 1 for taste, 1 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.

Hi! BEEN GOING HERE LONG?



This Collegiate World

Jobs not as plentiful as they used to be

By Henry Holmes

Some recent IIT graduates are still looking around for that "perfect job," which apparently has become remarkably elusive of late. Satisfactory employment is undoubtedly more difficult to come by these days, and delay in accepting offers may not be rewarded.

Georgia Tech reported good hunting for its December graduates, with 85 per cent of the 250 students involved finding positions several weeks before commencement. The monthly average starting salary was quoted at \$250 for those with bachelors degrees and \$300 for those with masters.

Confident of continued success in placement, GIT administrators have sent letters to more than 2,400 industrial and government organizations, advising them of the availability of almost 1,000 "Ramblin' Reck" graduates during 1949.

Blowing the Gaff

'A' students under fire

I wonder how many of you heard Paul Gibson's program a couple of weeks ago, when he was speaking of the trials and tribulations of a college education.

If you didn't hear it, or haven't heard about it since the broadcast, I may have news for you.

Mr. Gibson came up with the startling statement that the average difference in pay between an "A" student and a student that just gets by is merely \$49 a year.

Of course, this is not the difference in the starting wages but is an average over a period of years. This also does not take into consideration the "B" students.

The reason for the small difference in pay between an "A" student and a student just making the grade is probably based on the effort put into receiving the final marks.

It seems logical to assume that a student receiving "A's" is more intelligent, but with the added intelligence he is more apt to lose his driving power than a student who has to drive all the time to keep his head above water. This effort is probably carried on all through life with him while the "A" student becomes more or less lackadaisical.

The "B" student brings up an entirely different matter. He's the person that has to work for a grade and still is doing better than just keeping his head above water. In my estimation he's the one that will go places.

Jim Gaffney

Slipstick

While in New York on a vacation trip, my wife and I hailed a taxi and told the driver where we wanted to go. He raced off wildly and went careening down the street, swaying, bumping, and giving us several anxious moments. Noticing our concern, he shouted over his shoulder, "Don't worry folks; I ain't going to land in no hospital, especially after spending a year in one overseas."

"How dreadful," answered my wife sympathetically. "You must have been seriously wounded."

"No," he replied cheerfully. "Never got a scratch. I was a mental case."

"We had a fifth at bridge last night."

"Don't be silly, you never had a fifth at bridge."

"Okay, then, it was a quart."

Couple at dance: "Do you play requests?"

Bandleader: "Certainly, what would you like to have us play?"

Couple: "Pinochle."

The snow was falling softly. Poetically, the young man spoke as he helped his girl into the car, "Winter draws on!"

Girl: "Is that any of your business?"

Some gals go to libraries,
Also, some gals go to college;

But the gal who goes to extremes
Acquires a lot of practical knowledge.

She: "You know, I'm five-feet six-inches stripped?"

He: "But you don't have to strip to have your height read."

She: "That's what I told the doctor."

First Drunk: "Shay, know what time it ish?"

Second Drunk: "Yeah."

First Drunk: "Thanks."

Our grandmothers believed that there was a destiny that shaped our ends. The modern girl puts her faith in girdles.

Student: "Why didn't I make 100 on my history test?"

Teacher: "You remember the question, 'Why did the pioneers go into the wilderness?'"

Student: "Yes."

Teacher: "Well, your answer, while it was very interesting, was not the correct one."

Carbelle Gue

Letters to the Editor

Integral Ball brings annual question-fest

To the Editor:

It may seem quite early to bring up the traditional yearly Integral Ball arguments, but the senior class officers feel that opinion of the student body would be valuable at this time since plans for this dance are already under way. By the end of next week the location and date will have been settled.

Then come the problems of trying to settle questions such as, shall the dance be formal, semi-formal, or informal? Should there be a queen of the ball? If there is a queen, should competition be open to all guests attending or limited to IIT coeds?

At the end of last semester, ITSA appointed a committee to investigate these questions. The committee's report, which was approved by ITSA, stated that it would be better for the school to have a coed as the queen of the ball and, also, that a queen does not look like a queen in informal dress; that the ball should be formal if there is to be a queen, or informal if there is no queen.

The coed question brings out numerous valid arguments both pro and con. Most of us will admit that having a coed as queen provides better publicity for the school, especially in helping increase coed enrollment. Another argument is that being a queen of the ball means much more to a girl who spends day after day at school than to a girl who merely comes to a few Tech dances.

On the other hand, there is the problem of sufficient competition to make the contest worthwhile. How many coeds will be coming to the dance? Out of those attending how many will be willing to enter the contest? The girls have expressed the opinion that since there are over a hundred coeds attending IIT there would be no difficulty getting entries. The coeds would fully back the contest if they did not have to buck outside competition.

The majority of male students do

as I see IT

By DAVE PASIK
Editor-in-Chief

"OLD DOC TECH NEWS" yearly administers a spring tonic to its readers, which I hope isn't too hard to swallow.

The eight-week dose of Junior Week promotion which commences with this issue will, I am sure, give only a partial conception of the magnitude of activity now being prepared by just about every department, class, and student organization in the Institute . . . but only those who were here last year really know what I'm talking about. You just have to see it.

ONE OF THE MORE well-remembered events, the sophomore dance, which packed ye olde North Union with a goodly 2000 Techawks and guests, has been financed in the past by a method which I find strange.

This dance, to which there is no admission charge, is traditionally supported by the sophomore class treasury. This is quite a sum to be donated by the members of a single class.

Would it not be possible for Jack Davoust, Junior Week chairman, to partially reimburse the sophs out of his operating budget?

WE'VE BEEN HEARING stories lately about the corner drugstore that sells everything but medicine, and the campus newspaper that does everything but print news.

Well, we hope the stories are not serious; but I'll admit it must seem strange for readers to observe major non-varsity sports events and promotion contests continually appearing in our columns.

Anyhow, watch next week's Technology News for details on how to win a 1949 four-door model Ford.

not quite see this viewpoint. They look at their wives and sweethearts as queens. Since the fellows are paying for the bids they want their girls to have equal privileges along with the coeds.

My personal opinion is that we should give the coeds a break and limit the contest, but a senior questionnaire given to 4B's at registration seems to indicate this a losing battle. The questionnaire allowed three choices; coeds, coeds and secretaries or open to all except professional models.

The results were:

35 votes for coeds and secretaries

55 votes for coeds alone

185 votes for open

10 did not vote any way.

As for the question on type of dress the senior officers felt that a semi-formal dress (men in business suits and women in formal) would solve all the problems of fellows "putting out hard earned money"

Technology News awards a carton of Chesterfield cigarettes to the writer of each letter published. The letters must be submitted before 4 p.m. Tuesdays, and must be signed, although the names will be withheld if requested.

renting tuxedos, making a queen look "queenly," and allowing the women to "dress to kill." The questionnaire confirmed this belief. The question stated, "Do you have any objection to making the Integral Ball semi-formal?" There were only 28 objections out of 286 questionnaires.

Now I'd like to know what the rest of the student body thinks about these questions.

Bill Dassie
President, Class of January 1950

TECHNOLOGY NEWS

An All-American Newspaper

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ASST. BUS. MANAGER: Cliff Nelsen.

BUSINESS STAFF: Les Hymes, Don Lynch, Bob Neff, Irene Radvlla.

Publications jobs are still open

Applications for the two top jobs of editor-in-chief and business manager of the Illinois Tech Directory are still being accepted.

Letters of application, addressed to James Armsey, chairman of the Publications board, should contain previous experience, if any, and other relevant information and be dropped in the campus mail before March 21. Students interested in working on the Directory, who do not feel they are qualified for one of the above positions, should send their name and a statement of their interest through the campus mail to the Illinois Tech Directory.

The positions of editor-in-chief, business manager, and advertising manager of the Integral are also open. These applications should likewise be addressed to the chairman of the Publications board.

After reviewing all applications, personal interviews of the applicants will be held before the final choice is made.

The Directory is scheduled to make its second appearance on the campus in the fall of 1949.

Classified Ads

FOR SALE—\$59.95 Zenith, \$38. (Alex) Box 162.

SAM plans for lively semester

A full calendar of activity has been promised members of the IIT chapter of the Society for the Advancement of Management.

This pledge was made by SAM president Seymour Lorber, who this week announced arrangements for the presence of Dr. Willard A. Kerr, associate professor of psychology and education, who will lead a discussion of "Personality in Business Success" at the next meeting, to be held March 8, in 101 MC.

Wednesday evening, SAMers

Poster space assigned in both Unions

New mounting strips for posters have been placed on the walls of the North Union lobby and the South Union lounge.

The strips are mounted 30 inches apart and will accommodate standard poster boards available in the IIT bookstore. Due to lack of space in the North Union lobby, the present method of posting signs on tripods will be discontinued.

One of the projects of the advisory committee on student activities, the strips are to be followed by new, enlarged bulletin boards and permanent ticket booths for both Student Union buildings.

All students are reminded that posters must be approved by the Dean of Students office.

Photographs

Publicity, Illustrative Weddings, Parties

CALL

Joseph J. Lucas, Jr.

8514 Rhodes Ave.
Vincennes 6-4833

were addressed by Mr. Deane S. Hazen, vice-president and treasurer of U.S. Slicing Machine company, on the topic, "What Makes Executives."

As a means of informing SAM members about activities and plans of the local chapter, a monthly bulletin is to be published under the editorial supervision of Harry L. Newman and Alfred R. Sadowic. Intended to supplement pub-

lications of the national and metropolitan Societies, the campus periodical will devote only limited space to articles of general professional interest.

Pointing to the free movie program presented by SAM each Wednesday from 3 to 5 p.m. in the MC auditorium, Lorber said "This is only one of our new projects. Techawks will see a lot of SAM henceforth."



A skipper who stood at the wheel



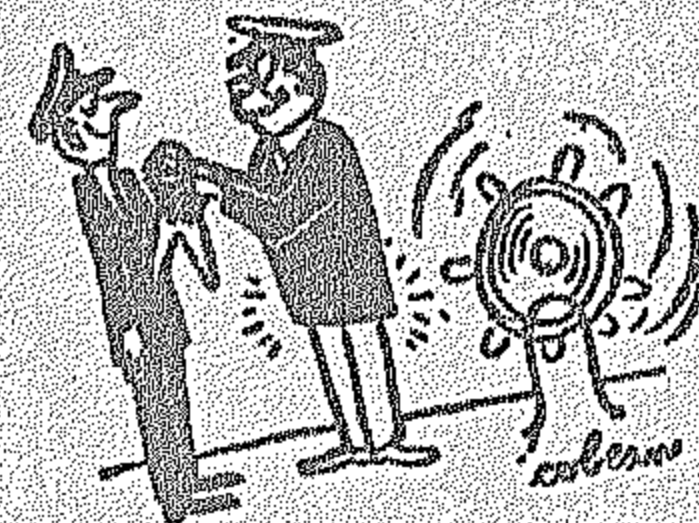
Would wriggle and squirm like an eel.



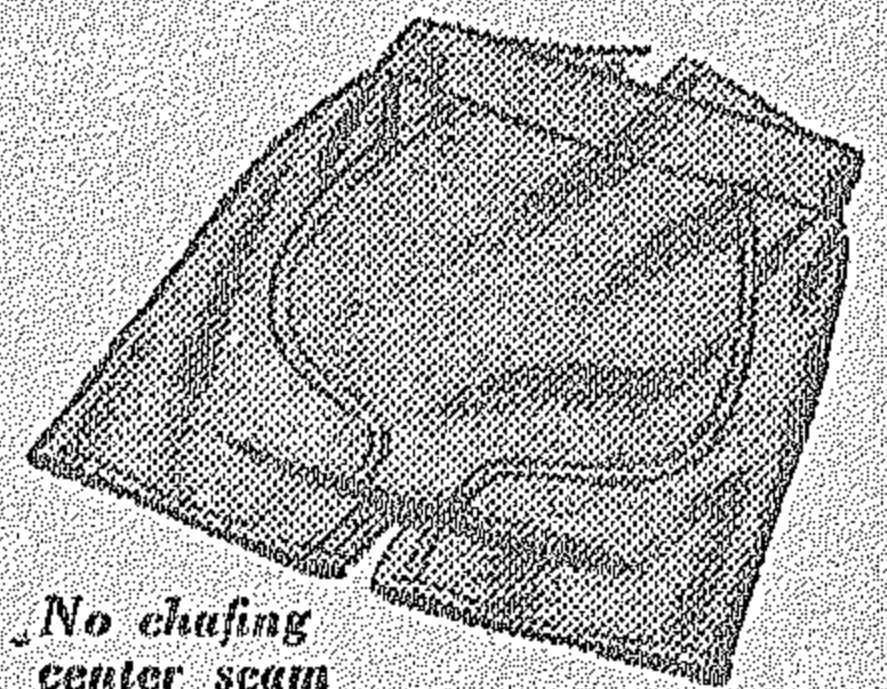
Said the Mate, 'Arrow Shorts, sir'



Are worn in all ports, sir—



There's no chafing seam in the keel.



No chafing center seam

For real comfort "below decks"—buy a box of Arrow seamless-seam shorts of long-wearing oxford or broadcloth.

"Sanforized" labeled—Gripper fasteners.

See your Arrow dealer for Arrow underwear.

ARROW

SHIRTS and TIES

UNDERWEAR • HANDKERCHIEFS • SPORTS SHIRTS

MISSING:



THE CENTER SEAM IN EVERY PAIR OF ARROW SHORTS

Notice to sedentary males! Shorts with center seams spoil a man's comfort and ruin his disposition.

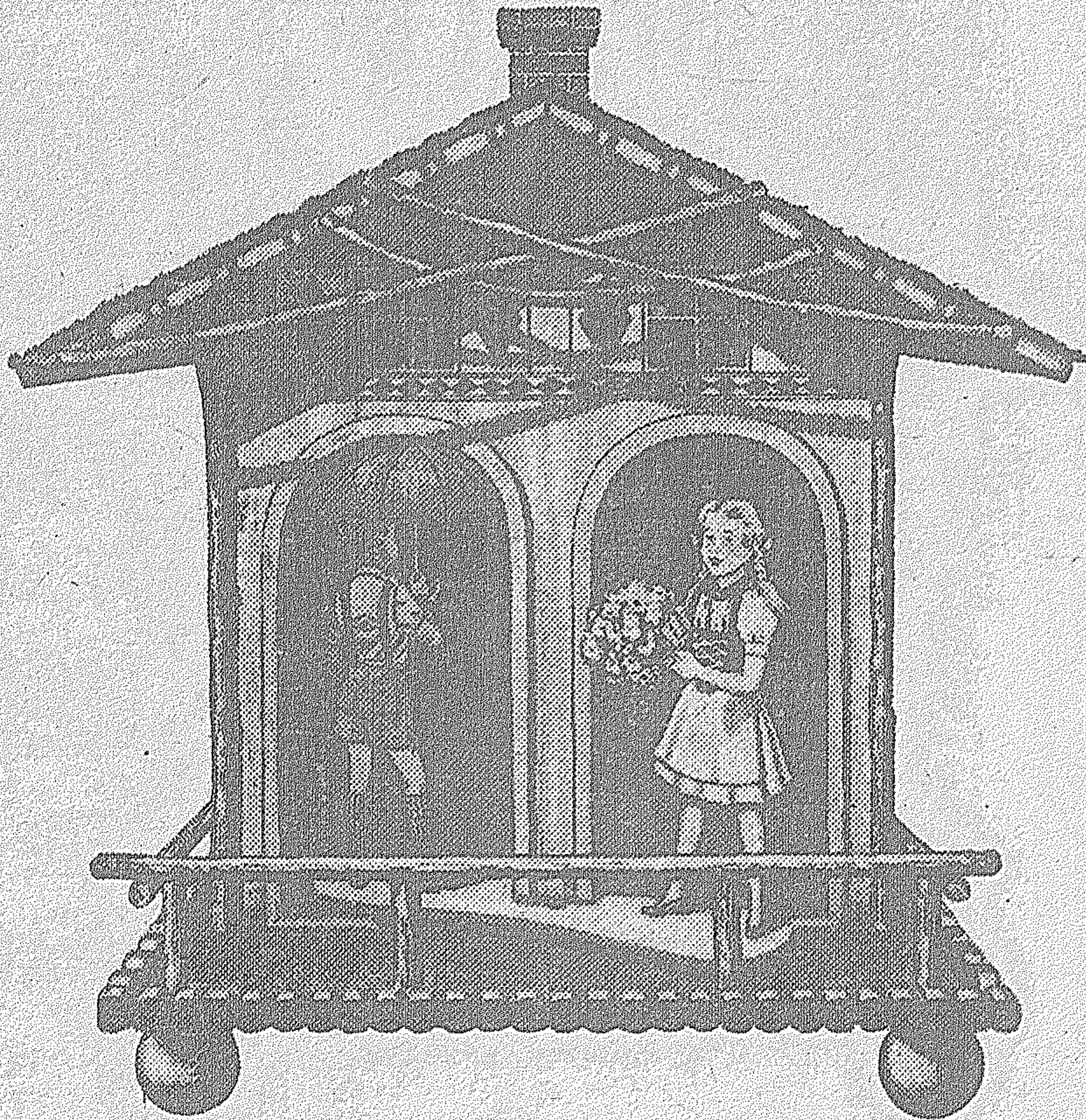
That's why we are telling you about Arrow—the roomier shorts with the center seam left out!

For squirm-free classes and long wear in the laundry, see us now for Arrow shorts and Arrow's cut-for-comfort undershirts and T shirts.

Shorts, \$1.25 Undershirts, 85¢ T Shirts, \$1.25

Lytton's
Henry C. Lytton & Company

ARROW UNIVERSITY STYLES



"WILL IT RAIN TONIGHT?"

...everyone wants to know, but military and air-line pilots must know and know promptly!

To help transmit this information, the Bell System maintains the largest facsimile transmission system in the world ... a network nearly 20,000 miles long.

Over these wires the United States Air Force, in cooperation with the United States Weather Bureau and other government agencies, is able to send up-to-the-

minute weather charts and maps to many points simultaneously. Each receives a faithful reproduction of the originals. The chance for error is eliminated, valuable time is saved.

This network is a part of America's vast communications system—the finest in the world. The job of maintaining and improving this system, of keeping the cost of telephone service as low as possible, never ends.

BELL TELEPHONE SYSTEM



Cagers face State

TECH SPORTS

Seek to avenge 55-45 loss

By Marks Levy

The Techawks will be facing one of their toughest opponents when they take the floor to play Milwaukee State Teachers tonight at 7:30. Saturday night they were downed by State, 56-46.

Capitalizing on fast breaks early in the second half, State pulled away from a 27-25 lead at half-time and led by 10 points at the end of the third quarter. This margin proved too much for the Scarlet and Grey to overcome, and State maintained its lead until the final gun.

Leading scorer for the night was Bob McCue with five baskets and three charity tosses for a 13-point total. Close behind McCue were center George Scalamera with 12, and forward Carl Matson with 11 points. High point men for State were forward Gunderson and center Belz, each with 11 points.

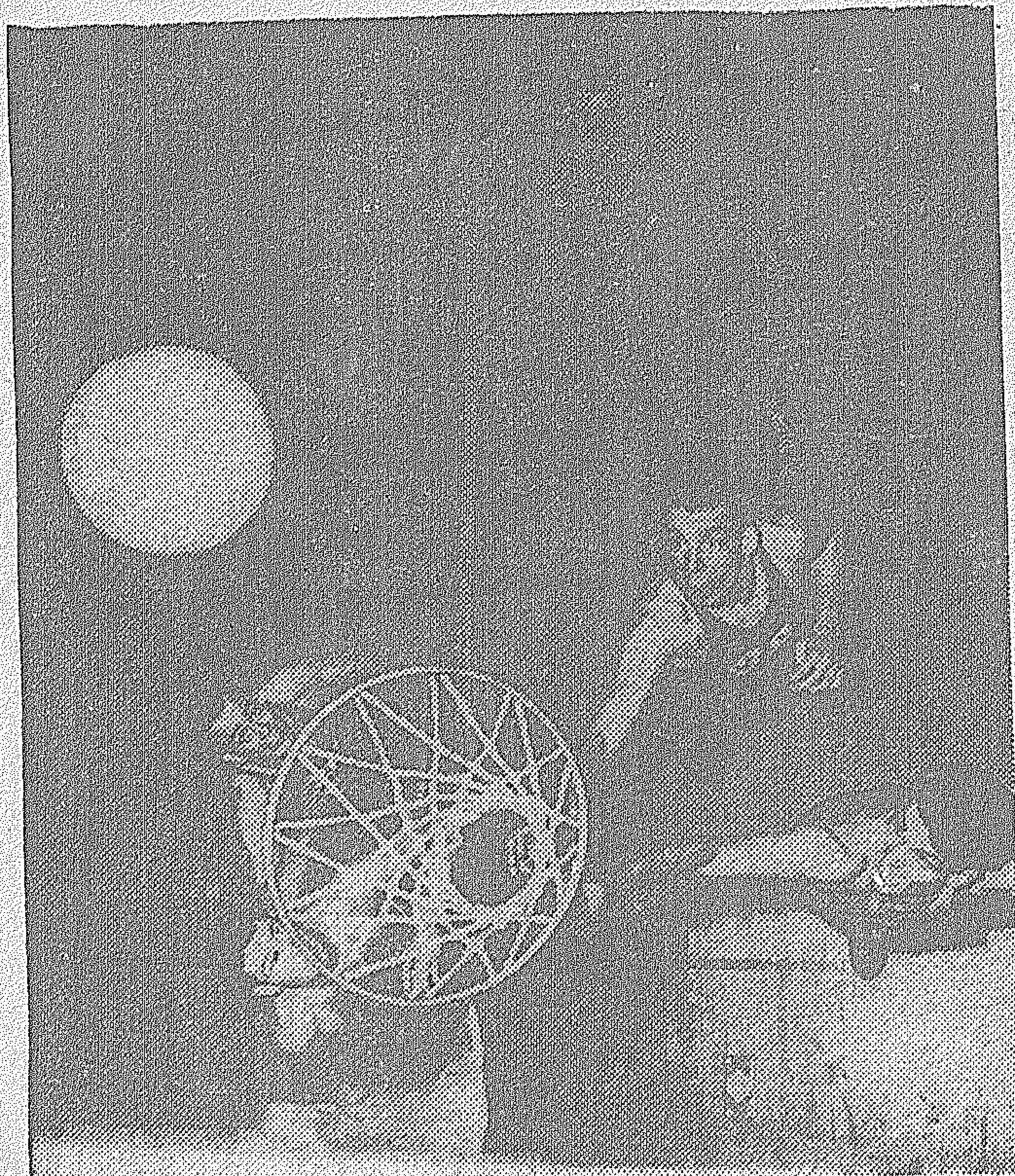
Tech had one joyful note. Leo Kiley was back in old form after a two-week absence due to illness.

George Scalamera, brilliant pivot man for the Tech quintet, has broken the old school record of 231 points set by Frank Lake in the 45-46 season in 18 games. Big George has so far hit for 243 points in 16 contests with two games to go.

An easy 68-40 win over Navy Pier Wednesday night removed any chance that the season percentage will drop below .500. With only two games remaining, the won-and-lost record stands at nine victories and seven defeats. Big George Scalamera proved too much for the Illini, scoring 22 points.

Probable lineup for tonight's game:

IIT		Milwaukee State Teachers	
Player	Pos.	Player	Pos.
Matson	F	Lemmer	F
Leiser	F	Morris	F
Scalamera	C	Bolz	C
McCue	G	Rahn	G
Kiley	G	Fricke	G



TECHAWKS' MATSON (31), Scalamera (34), and Leiser (37) get set to snag a rebound away from Yawger (22) and Zitzer (23) of George Williams. Tech went on to win the scrap, 60-51.

Gay blades with steel nerves form foil squad

By Bill Furlong

Wayne Johnson surveyed the jagged end of his foil during Illinois Tech's fencing meet with Wisconsin last month and shrugged philosophically.

"It's been a dull day," he said. "I broke only three blades."

It is a matter of record that Illinois Tech has lost more fencing blades than fencers—a fact about which Coach Seymour Bezell is justifiably proud. That Illinois Tech has also lost a few meets does not greatly diminish that pride.

Bezell points out that Notre Dame resorted to some rather vague mathematics to whip the Techawks, 20 to 7; that Wisconsin had to beat off a determined Illinois Tech rally to eke out a 15-to-12 decision; and that, although, Chicago trimmed the Techawks, 18-9, the Maroons were beaten in the foils—"for the first time in two or three years," according to Bezell.

Collegiate fencing bears little resemblance to the athletic demonstrations of the movies. In fact, a burst of action of ten seconds is as rare in college fencing as a machine gun burst of the same length. But in Will Nerenstein, Illinois Tech has a man to match the agility of Errol Flynn, the wavy hair of Doug Fairbanks, and innocent eyes of Margaret O'Brien. He is a constant source of annoyance to rivals who consider his bobbing and weaving somewhat unorthodox.

"He drives 'em nuts," booms Bezell enthusiastically. "He may suddenly cock his left foot out at a ridiculous angle and, while his opponent tries to figure out the significance of this maneuver, Willie simply reaches out and clunks him on the top of the head."

Since fencing is more a sport of cunning than it is of physical durability, several of Bezell's 20

charges have plotted fascinating methods of training. Willie Clark, for instance, has found that five beers carefully absorbed on the night before a match meets with staggering success the next day.

Next Week Bill Furlong Comments on Girls' Sports



WILLIE NERENSTEIN and Manager Bill Clark cross sabers at close quarters in a recent practice match held in the Technology Center gym. Nerenstein is one of the most agile fencers on the squad.

MEL'S MUSINGS

by Mel Friedlander



At present, there are about 1250 students actively participating in some form of athletics. This list includes the undergraduates enrolled in gym classes, the varsity teams, and the host of interfraternity, and intramural basketball, badminton, and volleyball squads. For an active enrollment of 3,400 students, the record doesn't read too well.

The entire sports facilities on our campus comprise one (1) war surplus gymnasium and one (1) athletic field.

The track on Ogden field was never properly constructed, and the large cinders which protrude from almost every inch of pathway do a great deal towards slowing down our versatile speed demons.

The gym, which is used for winter, late fall, and spring sport seems at times to portray Grand Central station.

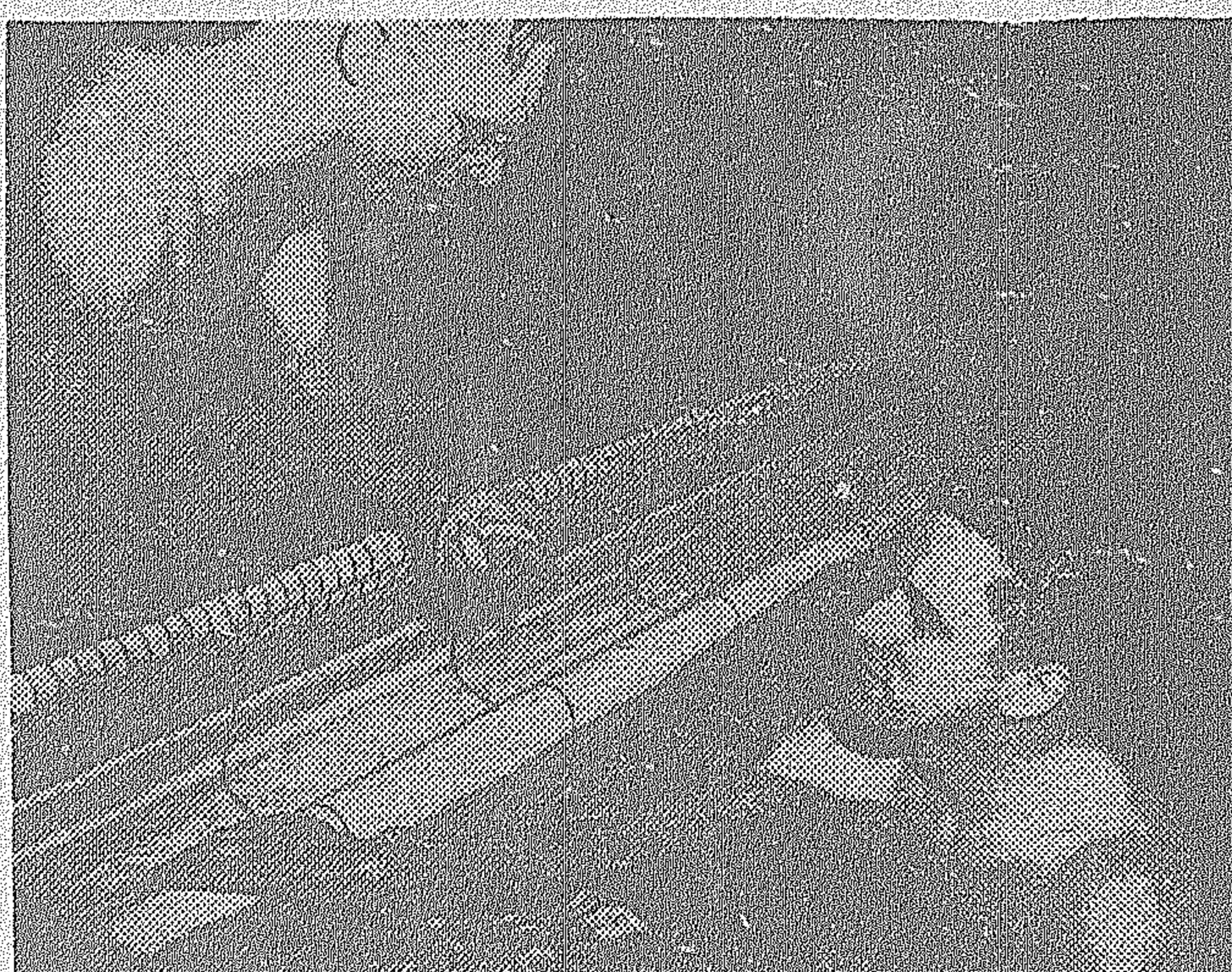
We need more tennis courts, softball diamonds and at least another baseball diamond. Our swimmers are forced to work out at Valentine

... AND PLEASE LORD, A NEW GYM.



boys' pool, and our golf team has no chance whatsoever to hold a decent practice session on campus.

Good teams mean good publicity for Illinois Tech. Witness the write-ups on the IIT prep tournament, and the publicity afforded last year's Tech relays. The administration would do well to consider these points before turning thumbs down on any proposals by our athletic department.



MANAGER CLIFF NELSEN gives Techawk Joe Peter his winning time for the 440-yard free style event in the recent George Williams-IIT swimming meet.

IIT mermen sink Williams

By Ted Spath

After their sixth win in nine starts, Illinois Tech's swimming team travels to Peoria tomorrow to meet the Bradley Tech mermen. Starting at 3 p.m., this meet is one of the few "away" events for the Tech seals. From advance reports and comparison of scores against mutual opponents, the meet should be very closely contested.

Captain Jim McNerney and Joe Peter led the way with double victories as the team swamped George Williams, 53-22. All firsts were taken by the Scarlet and Grey, giving them a record of firsts in the last 19 consecutive events.

The Tech trio of Emil Valovic, Len Carlman and John Mitchell took a close first in the 300-yard medley relay. Joe Peter ground out the 220-yard free style far in front of the field to take an easy win and reinforce the IIT lead. In the 60-yard free style, Jim McNerney came in first, closely followed by Ted Amberg, who, despite a perfect start, finished third.

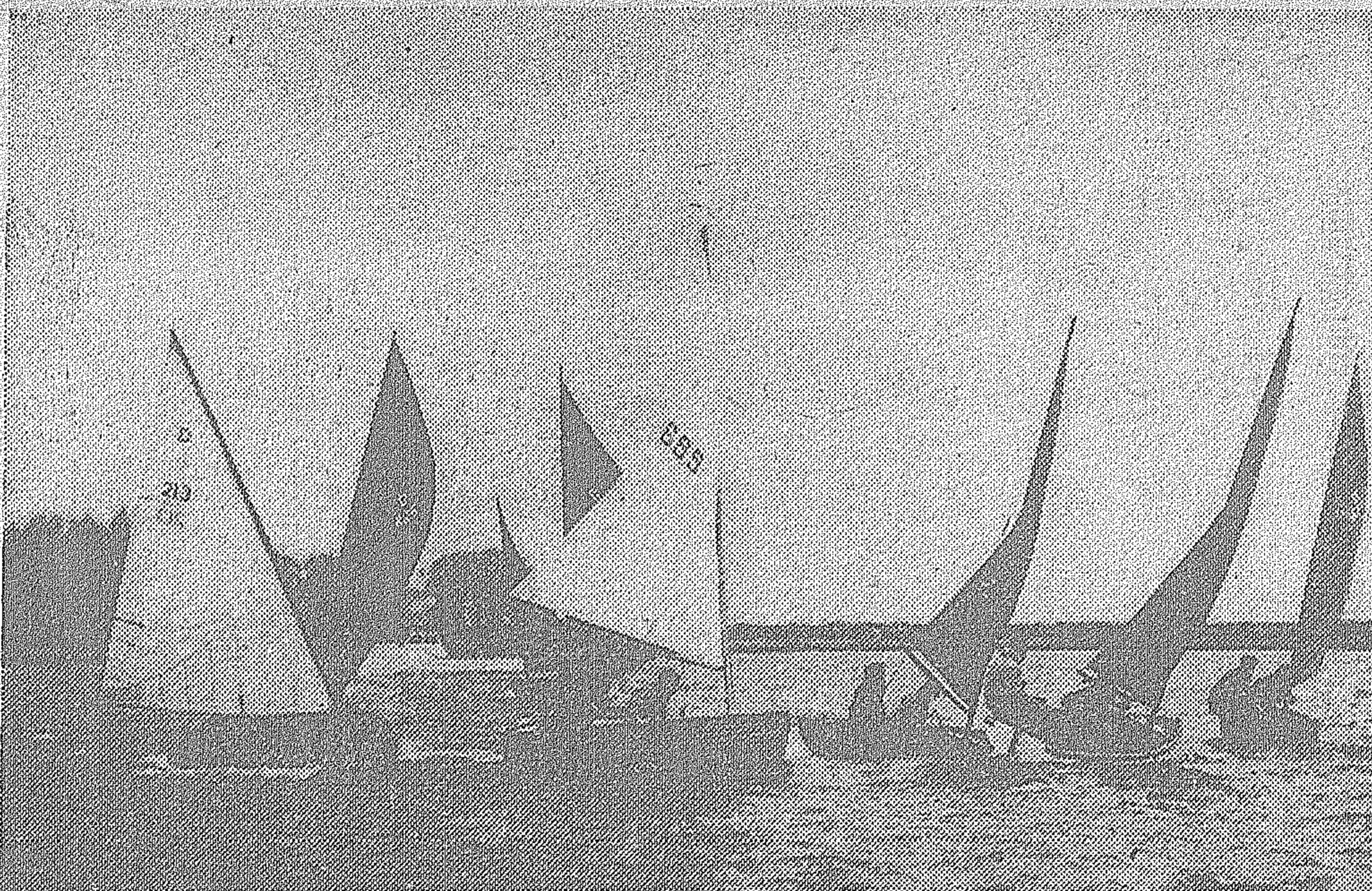
The fancy diving contest was taken by Ray Kitzke, with Ted Spath capturing third place. Kitzke's total of 241.6 points for six plunges compares favorably to that of the Big Nine divers and shows the capabilities that the team has when given more op-

portunity to practice for meets.

Jim McNerney took first in the 100-yard free style as Ron Watson was touched out of second place for a third. Freshman backstroke ace, Bob Campbell placed first in the 150-yard back stroke with Emil Valovic taking third.

In the 200-yard breast stroke, Len Carlman flew in for a first with Jerry Zichterman close behind for second place. Zichterman, newcomer to the breast stroke event, is constantly improving and shows promise of providing the seals with the second half of a one-two punch in this event.

The grueling 440-yard free style was won by Joe Peter. Milan Ivaska, although trained for sprint events, swam the 440 and held third place until the last two laps, finally being touched out for fourth. The combination of Ted Spath, John Mitchell, Ted Amberg, and Ron Watson ended the meet by winning the 440-yard free style relay for IIT.



DYER-D type dinghies race in the Intercollegiate regatta held at Belmont harbor during the Thanksgiving weekend. These boats are of the same type that will be used by the Sailing club. At present the yachtsmen own three dinghies and plan to buy more as membership increases.

Old Salts to help IIT 'boots' get sea legs

By Bill Fort

The Illinois Institute of Technology Sailing club will hold its first meeting March 2, in the North Student Union auditorium at 5 p.m. Commodore Richard Davoust will give a brief talk on the purposes and membership requirements of the club.

Guest for the evening will be Martin Cassel, secretary of the International 110 Design Fleet, who will show colored movies of the intercollegiate 110 regattas at Chicago and Marblehead, Mass.

IITSC, a dinghy sailing and racing club, is the newest organization on the campus. Officially recognized by ITSA on Feb. 16, the club has already laid plans to compete in regattas with most of the Big Ten schools, as well as Notre Dame, Knox, Oberlin, and other members of the Midwest Collegiate Sailing Association, in which it holds associate membership.

Since sailing does not require the intensive training nor the rigorous physical standards that other sports do, Tech's two biggest han-

dicaps, namely no time and no athletic "scholarships," are nullified and IIT stands an even chance of winning top honors against all the big schools in this area.

There is only one hitch in the works. To date, only three of the members have ever raced anything under eighteen feet long, and the MCSA regattas are all dinghy class.

But this hasn't got anyone particularly worried. Commodore Davoust has never raced anything smaller than a sixty foot yawl, but says Dick, "Just give us a wind and we'll show those professional trophy hunters how it's done."

Although racing will play an important role in the club activities, the major purpose of IITSC is to promote sailing and to provide IIT with a sport in which everyone can participate. To this end IITSC has set up a training program to give free sailing lessons to all of its members under the supervision of Martin Cassel and other prominent Chicago yachtsmen.

There are enough boats available to the club to carry out the training program and this year's racing schedule. Therefore, the only entrance requirement is interest. Anyone affiliated with the Institute can join. By "anyone" is meant Anyone: students, faculty, staff, secretaries, et. al.

The club is intended to be a truly school-wide organization. If enough people are interested in power boating, a power boat squadron will also be set up.

Tech matmen seek victory over Wright

The wrestling team squares off against the strong Wright Junior College grapplers tonight at 4 p.m. in the Tech gymnasium.

The Northside school has clashed with such formidable foes as Concordia, Joliet, and Lake Forest College, and has emerged on top in each case. The Techawks will have their hands full, and will have to perform much better than they did against the University of Chicago Tuesday.

Dean Levi, 155 pounds, was the only one to come out of the fracas unscathed. Levi's decision over Maroon, Bill Rogers, kept him in the undefeated class this season.

IIT fared much better in the two exhibition bouts held before the regular matches. Ermon Smith, 160 pounder and John Rusk, 150 pounder, both of Tech, scored on decisions.

CAMPUS CAPERS... LAFF 'N LEARN

Johnny
HELPS JULIAN ZOOM INTO THE
EMPYREAN OF PURE SCHOLASTICS

JULIAN, YOUR FEBRIFIC HOURS WITH THE MIDNIGHT OIL ARE SO MANY, YOU'LL NUGIFY YOUR HOPES ON TOMORROW'S QUIZ. WHY DON'T YOU HIT THE HAY?

TED, I WANT TO WIN THAT NATIONAL SCHOLARSHIP, BUT—HRUMPH—I SMOKE SO MUCH MY THROAT FEELS DRY AS OSSEOUS TISSUE

IS IT TRUE, GRAHAM, THAT THE PITHECANTHROPUS ERECTUS WAS BURYGNATHOUS?

IT IS TRUE, SIR AND IT—ULP—HRUMPH—HRUMPH—I'M AFRAID I—CAN'T GO ON

JULIAN, YOU KNOW ALL THE ANSWERS, BUT YOUR VOICE WOULDN'T LET YOU GIVE 'EM --

O-O-THERE'S A REAL CASE OF CIGARETTE HANGOVER

AND I—HRUMPH! HRUMPH! WANT THAT SCHOLARSHIP SO MUCH—AND MY THROAT FEELS ALL SMOKE-OUT--

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

SINCE I SWITCHED TO PHILIP MORRIS SMOKING HAS BECOME A POSITIVE PLEASURE!

THE BIG SCHOLARSHIP OUGHT TO BE IN THE BAG FOR YOU TOMORROW

IN ANSWER TO YOUR LAST QUESTION, DOCTOR IT WAS BRITAIN'S WAR LEADER WHO SAID HIS OPPONENT "UTTERED A TERMINOLOGICAL INEXACTITUDE"

BRILLIANT ANSWERS, GRAHAM. YOU SCORED 20 OUT OF 20

IT GIVES ME GREAT PLEASURE TO ANNOUNCE THAT JULIAN SCORED A HYPERPIESISTIAL SUCCESS—HE WON THE NATIONAL SCHOLARSHIP

THANK YOU SIR—AND THANK JOHNNY AND PHILIP MORRIS FOR HELPING ME WIN!

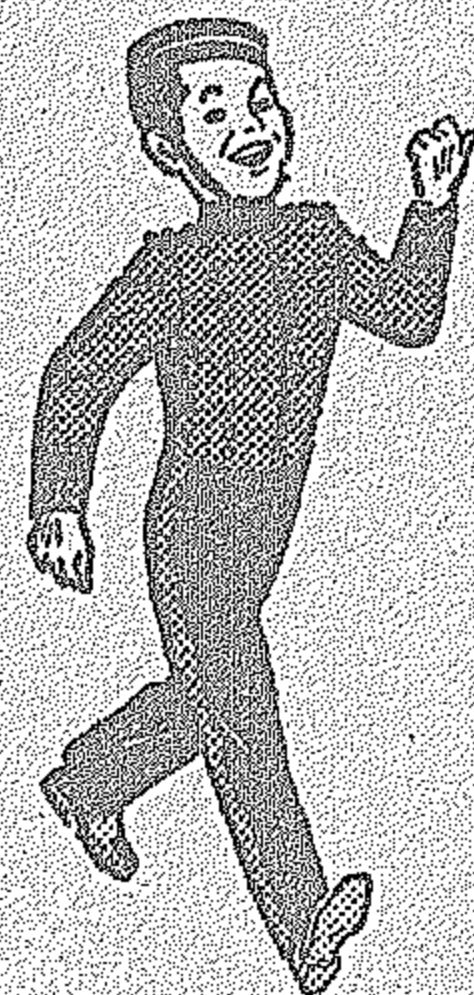
IMPROVE YOUR VOCABULARY

EMPYREAN — The clear upper sky.
FEBRIFIC — Causing fever; said of feverish activity.
NUGIFY — To render futile, to X-out.
OSSEOUS TISSUE — Bone.
PITHECANTHROPUS ERECTUS — Famous specimen of primeval man.
BURYGNATHOUS — Having a wide prominent jaw.
CIGARETTE HANGOVER — That stale, smoke-out taste; that tight dry feeling in your throat due to smoking.
TERMINOLOGICAL INEXACTITUDE — In short, a lie.
HYPERPIESISTIAL — Quickening the blood pressure to a high degree.

The Moral of Our Story Is Clear:

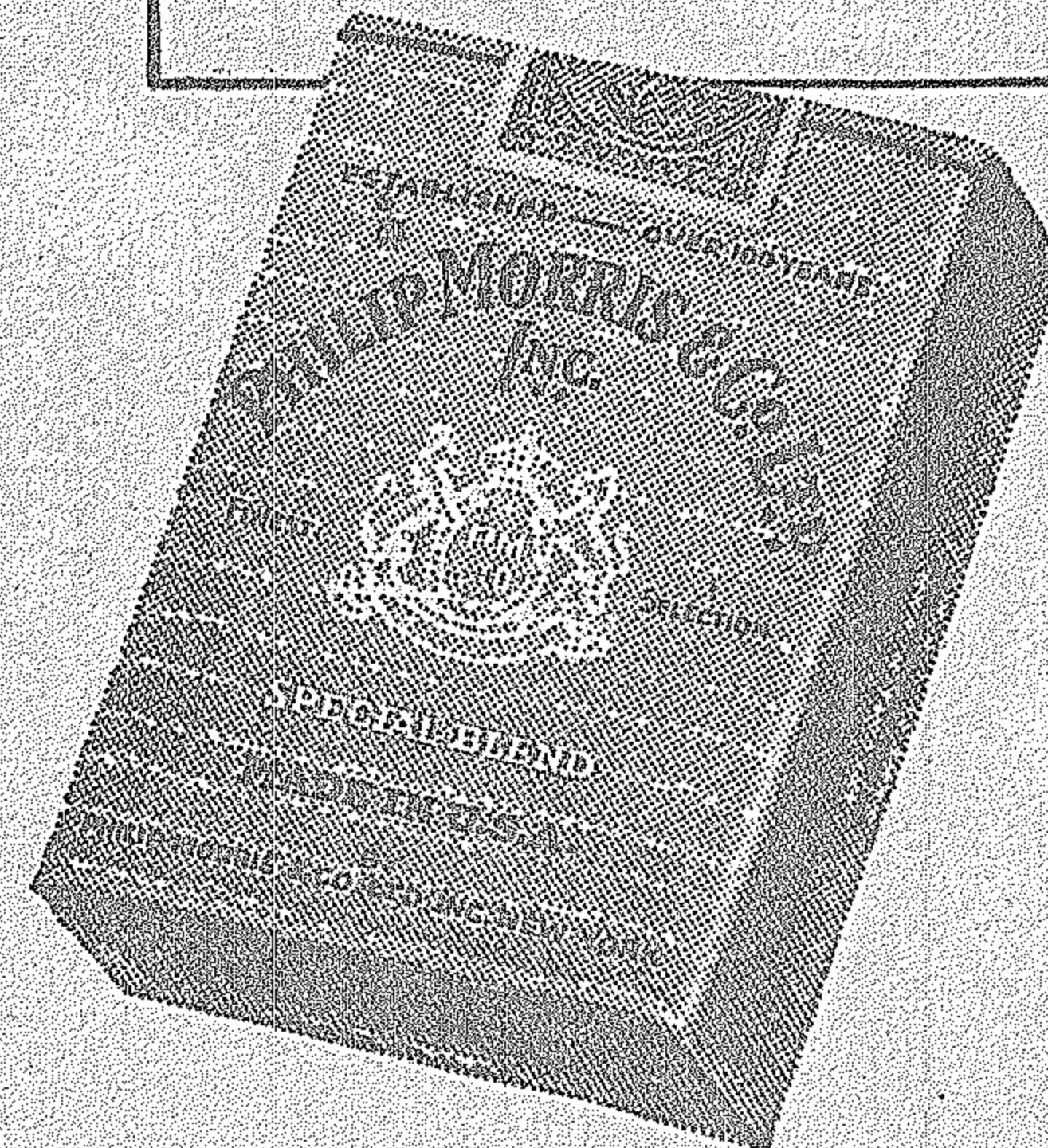
Behind the playful plot, our intentions are definitely serious: we want to PROVE to you that PHILIP MORRIS brings you a welcome DIFFERENCE in cigarettes.

This PROOF is too extensive to be detailed here—but pre-medical and chemistry students, who will be especially interested, can get it in published form FREE, by writing our Research Dept., Philip Morris Co., 119 Fifth Ave., N. Y.



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any place

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in your home

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campus phone-845

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american newsphoto
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dickens 2-1303

*This special compound gives lustre : & keeps hair in place without stiffness.

All Star fan to win new Ford

By Jim Wangersheim

That popular advertising slogan, "There's a Ford in Your Future," is going to become a reality for some lucky Techawk.

A beautiful new 1949 Ford custom model will be given away to that lucky Techawk during the half time ceremonies of the first annual Technology News All Star Intramural-Interfraternity basketball game 7:45 p.m. March 11 in the Technology Center gymnasium.

Full details on how the car may be won will be announced in next week's edition of Technology News.

Acclaimed the outstanding car of the year in a recent New York style show, the new car comes to us direct from the factory in Detroit. It is the most expensive custom model four-door sedan, dressed up in their new color, Air-line Gray.

It will be given away during the half time ceremonies of the All Star game, and it is absolutely necessary that the winner be present at this time.

The editors of Technology News feel that since there is such a limited capacity in the gymnasium, they will be forced to charge a nominal fee for the tickets. The price has been set at 25 cents per ticket, and they will be available in the Technology News office and in a special booth set up in the North Union.

The portable radio awarded to

• IF-IM

(Continued from page 8)

has run surprisingly high, with many interesting races developing. The two highest vote-getters among the forwards and guards, along with the leading center will make up the starting five. They will be required to play the first few minutes.

The remainder of the squad will be composed of the highest vote-getters in all positions. The number of votes a man gets for all three positions will be tallied in his favor.

Vince Haughey of the Archs, Bruce Tennant of the Wolves, and the Die Hards', John Dail, are leading all forwards, but the race is by no means settled. Fred Baer of the Trojans, and Roger Rosback of the Archs, are certainly in position to catch them. At center, Fred Woeller of the Wolves, and Howard Gardiner of the Trojans appear to have made a two-man race out of it.

Ray Van Zelst, also of the Trojans, was running a strong third in the center voting, but he has now become eligible to play with the All Star Fraternity team as a member of Alpha Sigma Phi. Coach Fuhry has nominated Fred Baer to replace Van Zelst in the voting.

Edmund Burke, Arch guard, along with Gerald Maatman of the Wolves, and Roger Rosback, also of the Archs, have developed a fairly substantial lead in the guard voting, although certainly not entirely out of reach of John Dailey of the Die Hards, the Trojan's, Harry Strampel, and Vince Haughey, also of the Archs.

Remember

Tonight's the night! That long awaited meeting of the Wolves and the Trojans for the Intramural basketball championship is tonight at 6:30 p.m. It'll be the Trojan's height against the Wolves' speed . . . those in the know rate the game as a tossup. Don't miss it or the second half of the doubleheader which matches the Tech varsity against a strong Milwaukee Teachers' quintet. Be out there at 6:30 to root for your favorites!

Tennis team to begin practice

Hoping to retain last season's excellent won-lost record, the tennis team will inaugurate indoor practice in the gym March 5. Workouts will be held every Saturday afternoon at 3 p.m. throughout the month of April. Men with tennis experience who would like to play are invited to attend.

Early practice is prompted by the fact that last season the netmen did not hit their stride until their fifth game. The last five meets were won by the Techawks and they swept the last three, taking all events.

Prospects for this season look very good as there are three returning lettermen. Captain Irving Buchstaber, ex-captain Bob Hall, and Bob Zeitlin promise to make it tough for Tech's opponents. The squad has several new men in view. Most notable at the present time is Norman Taxman who starred at Sullivan High School.

The racquet swingers have only a partial schedule with such foes as Bradley, Lake Forest, Valparaiso, and North Central lined up. Probable matches with George Williams, Concordia, and the perennially strong University of Wisconsin are in the offing.

Ramblers host thinclads; Tech expects drubbing

By Dave Miller

The Chicago avenue armory will be the scene of a top-flight track meet tomorrow afternoon when Loyola university plays host to the visiting thinclads from Tech. Enduring anything to get an extra work-out without interfering with their school work, the thinclads must continue marking time unless adequate practice facilities are available.

On the short end of the score in the quadrangular meet at University of Chicago, improve their scores each week until they wind up on top.

Chicago won the meet with 79 points, Loyola was second with 50½ points, DePaul third with 39

points, and IIT fourth with 2½.

The team's chances were aided when Walt Conniff, another letterman, rejoined the squad. Conniff high jumps and runs hurdles.

The team is still weak in the field events and sprints. Anyone interested will be given a chance to earn a berth. Especially needed are pole vaulters, high jumpers and broad jumpers.

Smoke a LUCKY To feel your LEVEL best!

Luckies' fine tobacco picks you up when you're low . . . calms you down when you're tense!



Luckies' fine tobacco puts you on the right level—the Lucky level—to feel your level best, do your level best.

That's why it's important to remember that LUCKY STRIKE MEANS FINE TOBACCO—mild, ripe, light tobacco that makes a thoroughly enjoyable smoke. No wonder more independent tobacco experts—auctioneers, buyers and warehousemen—smoke Lucky Strike regularly than smoke the next two leading brands combined.

Light up a Lucky! Luckies' fine tobacco picks you up when you're low, calms you down when you're tense. So get on the Lucky level where it's fun to be alive. Get a carton and get started today!



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L.S./M.F.T. — Lucky Strike Means Fine Tobacco

Tech alumnus named outstanding young EE

Heads Stanford physics dept.

Dr. Abe Mordecai Zarem, '39, named recently by Eta Kappa Nu as the most outstanding young electrical engineer of 1948, is the latest to join the roster of Illinois Tech graduates who have gained national recognition in the professional fields.

As manager of the new Stanford Research Institute and also chairman of the physics department of the Institute, 32-year-old Dr. Zarem continues to add accomplishments to a brilliant career, begun at Armour in 1935.

Transferring from Chicago Technical college, where he spent his freshman year after graduating from Crane high school, Zarem accumulated a prodigious extracurricular activity record. He was president of AIEE; vice-president and charter member of Rho Epsilon; recording secretary and "Bridge" correspondent of Eta Kappa Nu; president of the Math club; treasurer of the senior class, and a member of Sigma Xi, Tau Beta Pi, Sphinx, the Rifle club, WSE and SAM.

Zarem also devoted himself to feature writing on Technology News and still managed to earn 75 per cent of his tuition as a reader and in the maintenance department. A common belief on the campus was that Zarem did not sleep on Monday, Wednesday and Friday nights.

Upon graduation Zarem was valedictorian and "honor man of all departments." With his brilliant scholastic record, Zarem had little difficulty in gaining an appointment to the graduate school at the California Institute of Technology.

After receiving his PhD "Magna Cum Laude" from Caltech, Dr. Zarem became a research engineer at Allis-Chalmers. In 1945 he returned to Caltech to work on the Manhattan District project and later joined the staff of the University of California.

Dr. Zarem is the inventor of the fastest camera shutter known to science, which is used extensively in the study of intense light sources and rapidly changing phenomena such as projectiles.

He lives in Pasadena with his wife and two children and is active in the Pasadena Playhouse Association and the Boys' Club of Pasadena. Zarem's hobbies are music (he plays the piano) and color photography.

Group report forms in mail

The dean of students office will mail to all student organizations a student organization report during the next few weeks. Those student organizations that do not fill in and return their report will not be given recognition as student organizations.

Many clubs were delinquent last semester and consequently are now dropped from the dean of students list, according to Dean C. D. Deakins.

PLACEMENT SCHEDULE

FRIDAY, FEBRUARY 25
Goodyear Rubber company
People's Gas Light and Coke company
The Texas company
MONDAY, FEBRUARY 28
International Business Machine
TUESDAY, MARCH 1
International Business Machine
Civil Aeronautics Administration
THURSDAY, MARCH 3
Detroit Edison company
Imperial Brass



LOOKING OVER blueprints for the Model Railroaders' proposed track layout is Ginny Dorociak, sixth term psychology major. The layout is expected to be finished in time for a Junior Week display.

RR club plans for Junior Week show

The IIT Model Railroaders held their first meeting of the new semester February 15, at which time officers were elected. Retiring president James Spence gave up the gavel to his successor, John Kelly. Robert Crombie returned as vice-president, Wells Bower became business manager and Frank G. Schubert was elected secretary.

Planning and construction of an exhibit for Junior Week, which will mark the first anniversary of the conception of the Camp Armour and Boulder Junction railroad, was discussed.

The organization is only a few months old, having been started in September, 1948, but is rapidly growing.

The first obstacle which the club encountered was the location of space for the right-of-way, which proved to be no small task on a crowded campus. Through the assistance of Gilbert A. Force, W. J. Parduhn and Frank F. Schubert, the club was given an attic room in Main.

Table work began just before the Christmas holidays, and since then all the track work on the northern terminal of the road has been completed, and wiring is underway. Buildings and scenery are also under construction. The Railroaders hope to have something to show the public during Junior Week. Every effort is being directed toward having the Boulder Junction and the Three Deuces sections completed, with a temporary section connecting them.

In addition to the railroad, the 31 members will attempt to show visitors how model equipment is built, and present motion pictures of railroading, both real and miniature.

Man of the Week

Gadget man Zietz advises, 'Activities!'

By James Gewartowski

Have any fires you want put out before they start? Then see Ed Zietz, vice-president of the senior class and eighth semester fire protection engineer.

Abounding with novel ideas and quick to make suggestions,

Ed was in the Technology News office only a short time before he suggested the paper be made to read in one continuous column. This would be possible by printing the articles on both sides of a long strip of paper, giving one end a half-twist, and gluing it to the other end. Thus, the paper could be conveniently coiled like a civil engineer's tape and slung over one's arm.

Ed's mother first saw him in Hammond, Indiana, 24 years ago. At the tender age of six he decided to move, believing the town was too small for him. In his early teens, his chief interests were building model racers and motor scooters, along with graduation from Gage Park high.



ED ZIETZ

He enlisted in the Army Air Force in 1942 and remained in Uncle Sam's employ for three and one-half years as a pilot instructor.

After his discharge the engineering profession attracted him to IIT. Besides being vice-president of the senior class, Ed was social chairman for three consecutive semesters.

A member of Phi Kappa Sigma and Beta Omega Nu, he was general chairman of the 1948 Junior Week Open House, and appears in

"Who's Who in American Colleges and Universities." His biggest personal achievement was cracking the grade point barrier of 2.0 last semester.

A ready conversationalist, Ed mentioned that his present extra-curricular activities also include being an active sports spectator, eating pork chops and, most important, being engaged to "Eleanor," a beautiful blonde, whose picture is in his handiest wallet pocket.

In Ed's opinion, IIT is a "street-car college," not a campus community. The engineering student should round out his personality by engaging in extra-curricular activities in order to be a competent professional person. Says Ed, "Enter activities early to get the feel of things; you can always drop them if that is necessary to maintain good grades. Waiting will only make you think you can't handle them." Those are words of advice from a fellow who should know.

Working the last two summers with the Factory Insurance association as a draftsman and traveling inspector contributed to his desire for a career of inspecting engineering installations. Ed wants to move to Kansas City, where he claims the people are more friendly and, more important, the beer is of a better quality. Whatever the town, Ed's dynamic personality is sure to make him a winner.

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tech timetable

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

FRIDAY, FEBRUARY 25

All-school assembly, 11 a.m., NSU aud.

Placement, 9 a.m., 200AH

Placement, 9 a.m., MC conf. room

Interfraternity stag, 8 p.m.

SATURDAY, FEBRUARY 26

Alpha Epsilon Pi, 8 p.m., House

TUESDAY, MARCH 1

Foreign students, 12 p.m., 111C

How to Study course, 1 p.m., 203MC

WEDNESDAY, MARCH 2

Newman club, 5 p.m., 101MC

Sailing club, 5 p.m., NSU aud.

THURSDAY, MARCH 3

How to Study course, 1 p.m., 203MC

ASCE smoker, 6:30 p.m., NSU lounge

NEWS IN BRIEF

VACANT ROOMS—There are now two vacant rooms in Farr Hall. These rooms are available to day male students at IIT. Those interested should contact Mr. Travis in the admissions office.

SENIOR JEWELRY—John Baker, in charge of sales, announced that orders for senior class jewelry may be placed with him or with Clarence J. Smith any day up to next Friday from 1-2 p.m. in the NSU. A \$5 deposit will hold any ring or key in the selection. For those who desire it, the rings can be set with the fraternity crest or with the individual's initials. Three initials, the degree, and the year will appear on every ring and key.

PHYSICS CLUB—The Physics club elected its first woman president, Charlotte Decker, sophomore

physics major, at the club's February 15 meeting. Other newly elected officers are James Kouba, vice-president, and Anita Bach, secretary-treasurer. Miss Decker announced that programs for future meetings will include talks on astrophysics, cosmic rays, and relativity.

ZEST—All students who ordered copies of the new student publication, Zest, last semester will now be able to pick up their copies at the LL office, 301C.

Those students who have not heard of this new magazine, and have not ordered it, will be able to buy a copy as long as the present supply lasts.

CLUB PICTURES—The Integral staff is now returning pictures of all clubs and organizations. These may be picked up at any time in the Integral office.

Work moves ahead on IIT heat plant

Since the completion of the pilings on the site of the new heat plant at 35th and Federal streets, action is being taken to insure a solid foundation by excavation and drainage of the base of the building.

Excess piling extensions are being cut and wood legs are being constructed to block off the water-logged area. The Lake-State engineers are hammering in metal sheathing to safeguard the embankment that parallels the New York Central railroad tracks.

Oliver Jensen, superintendent in charge of construction, stated that all excavation problems "should be overcome within the next two or three weeks." At that time, bricklayers will arrive to begin erecting the main structure.

The foundation should be near completion by the time work begins on the chimney.

The central supporting wall for this 200-foot structure has been poured and is in the process of being set. The base of the supporting wall is 19 feet in diameter. A clean-out door will be about 20 feet above the street level.

The central heating plant is intended to supply hot water facilities to all the buildings in the projected area of Technology Center.

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Dennis Morgan

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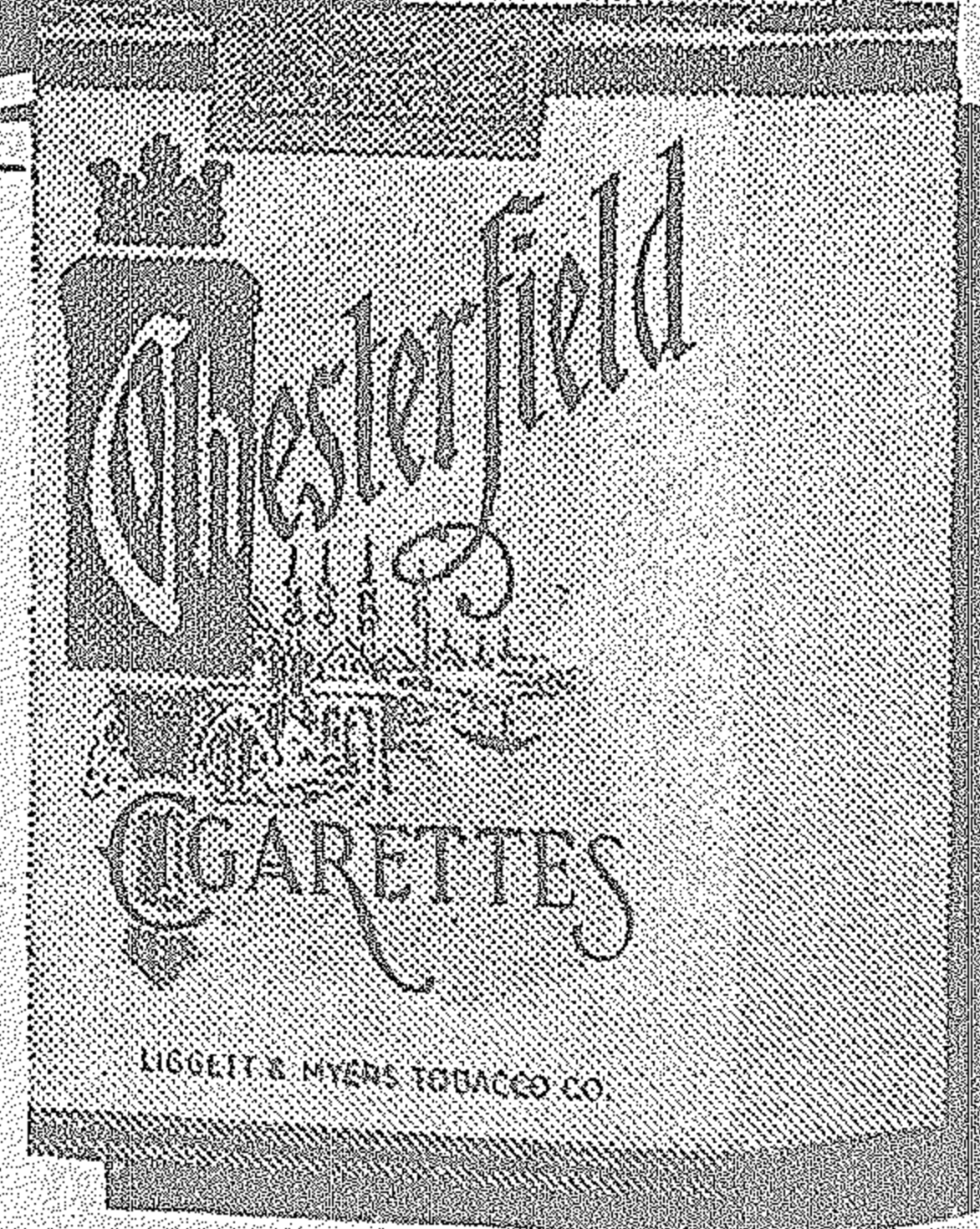
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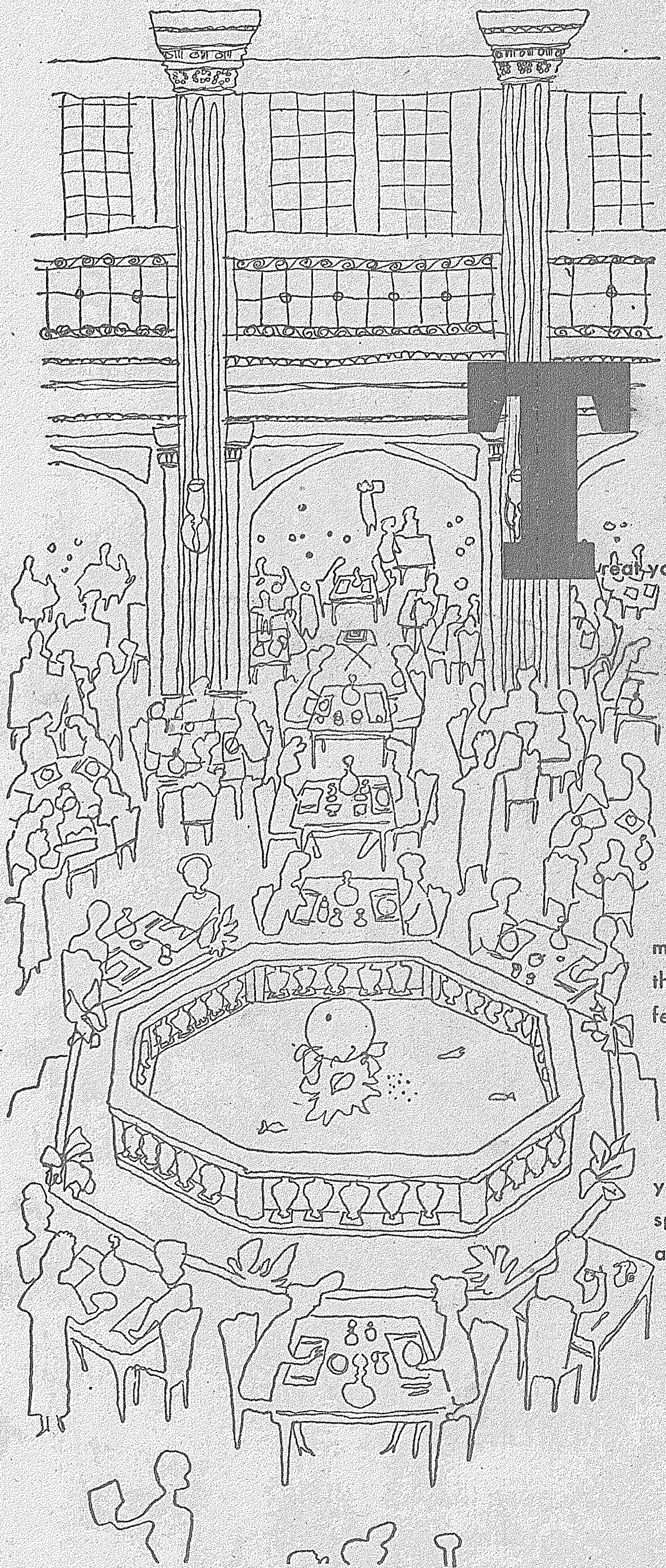
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