

Last week for Senior
Integral photographs

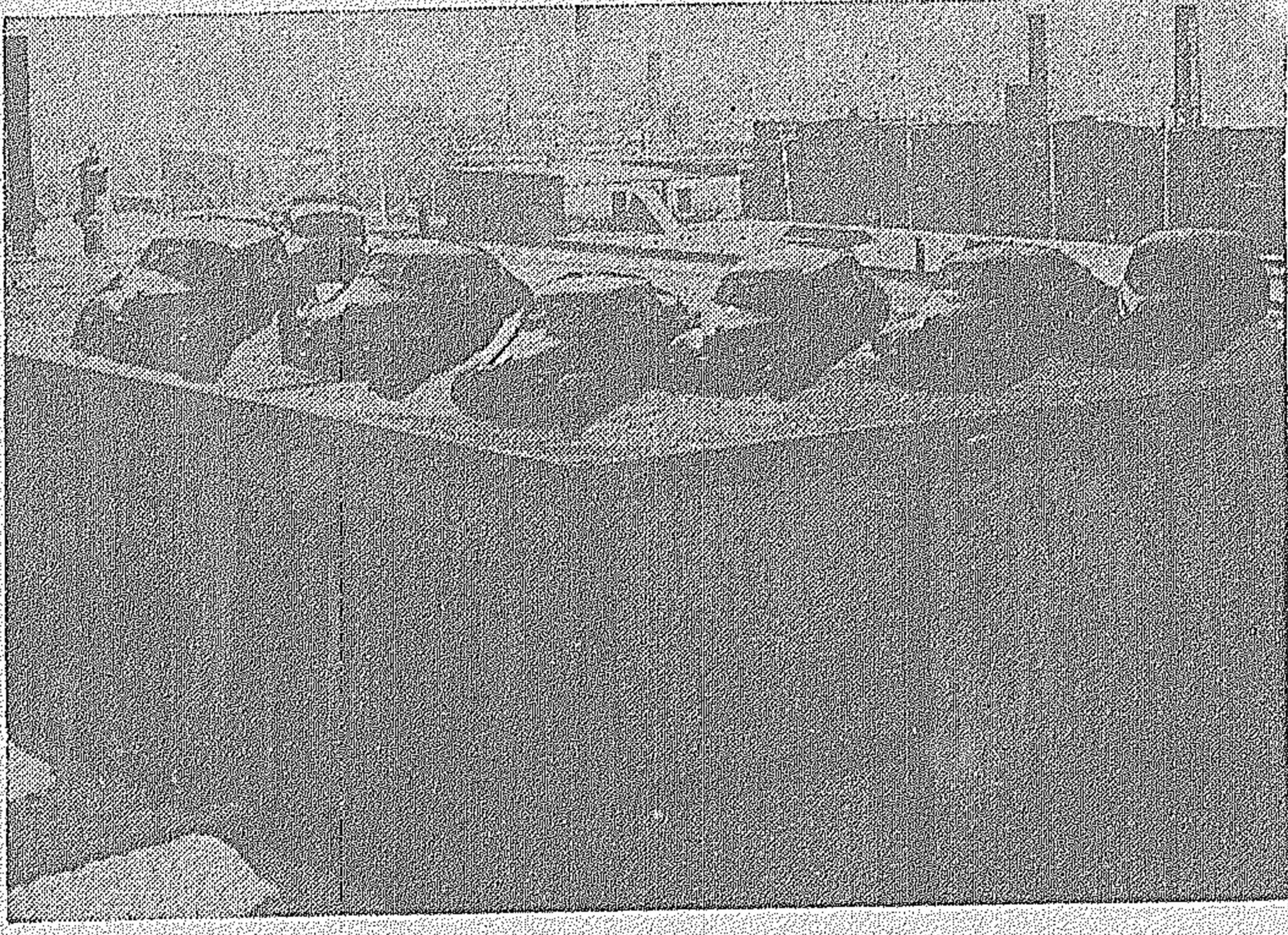
TECHNOLOGY NEWS

Volume 49, No. 4

Illinois Institute of Technology, Chicago, Illinois

October 14, 1949

Instructors gripe you?
Read this week's "As I
See It"



PARKING PROBLEM which 30 months ago prompted April Fool solution shown above still plagues Tech Center motorists.

Now who'll open the gas station?

Moving rapidly to meet the needs of Tech Center motorists, W. J. Parduhn, superintendent of buildings and grounds, this week announced completion of two new parking lots. One is at the southeast corner of State and 32nd streets; the other is west of Dearborn between 31st and 32nd streets.

Accommodating 150 cars, the new lots will increase total IIT parking facilities to 1,500 automobiles. According to a careful estimate made by Mr. Parduhn, this is more than adequate for the number of cars driven to school daily.

One parking lot, that is between 3231 and 3239 State street is presently little used. Cars parked in such patrolled areas are safer from damage and pilferage than are cars left in side streets, Mr. Parduhn points out.

More comfortable and secure parking will result if a few suggestions made by Mr. Parduhn are observed. First, spaces between vehicles should be minimized (within reasonable limits, of course). Consideration of advice from parking lot police will help.

Further, no coats, valises, blankets, portable radios or other valuables should be left in the car in plain view. No car has ever been broken into here, except when such articles were in plain view, Mr.

Seniors may miss photos

"About 500 senior photos will be left out of the 1950 Integral if seniors do not make photograph appointments and adhere to them." This was stated by Gene Rezabek, Integral editor, when announcing a one-week extension in photo appointments.

October 17 through 22 will be the last period available for sittings. Seniors are requested to sign up for one of the ten-minute intervals open on these days and to be on time for the appointment. A sign up sheet is posted on the South Union bulletin board, along with the photographer's address and additional information.

Only one-half of the approximately 1100 prospective graduates for 1950 have had their photographs taken.

Career men need humanity studies

Professionally educated members of society must possess the understanding and background necessary to share the moral responsibility which citizenship implies, Henry T. Heald, president of Illinois Institute of Technology, said today.

President Heald noted the need for "professional men with the background of knowledge to understand and help solve the complex social, political, and economic problems of our time" in his annual report to the Institute's board of trustees.

He urged technological institutions to maintain strong departments in the liberal education fields so that every student may enrich his professional learning with social studies and the humanities.

In a review of the year's progress at Illinois Tech, President Heald noted an increase in graduate study, a leveling off of undergraduate enrollment, and an undiminished enrollment in evening classes by employed men and women who seek professional advancement through further education.

"A considerable unfilled demand still exists for scientists and engineers with postgraduate educational experience which equips them for research, teaching, and other highly creative activity,"

he said. "Placement of graduates in engineering was considerably better than that of all other fields except medicine and dentistry, in which enrollment continues to be sharply curtailed with the result that demand continues to increase.

"The Institute has continued its steady effort to acquire property in the 110-acre Technology Center area. During the year we purchased 45 land parcels, the largest of which is the Huber & Huber building at 33rd and Wabash. After remodeling, this building will be used for additional laboratory space for Armour Research Foundation."

Expenditures for education and research during the year reached a new high of \$8,400,000, and increase of \$1,200,000, over the previous year. Gifts to the Institute from its friends and alumni, most of which was used for plant additions, totaled \$1,057,000, President Heald reported.

SAM cinema offers new French film

"Le Bas Fonds", feature movie in Wednesday's SAM film program, accomplishes what the author, Maxim Gorky, thought impossible. Based on Gorky's play, "The Lower Depths", this 91 minute picture tells in thrilling, poetic fashion the story of a group of social outcasts in nineteenth century Moscow.

Directed by Jean Renoir and starring Jean Gabin, Louis Jouvet and Suzy Prim, "Le Bas Fonds" won the Critics' Award as the best French film of the year when released. It is rated by the National Board of Review as an "exceptional photoplay", recommended for mature audiences. Technology Center personnel may see it at either 2 p. m. Wednesday or 6 p. m. Thursday in 131MC, without admission charge.

As usual selected short subjects will find out this week's SAM cinema schedule.

Late diners on fraternity row visit snack bar

At the time Illinois Tech's dormitories were opened, a need was seen for a soda fountain for dormitory and fraternity students. C. E. Deakins, dean of students, Gilbert A. Force, business manager, and Frank Harriman, manager of food services, coordinated their efforts to open one in Brown hall.

Since last October, the "Snack Bar", has been operating from 8 to 11, six nights a week, except during vacations. Actual operation is done by students who live in the dormitories and fraternity houses. According to Bert Cohn, student manager, an average of 420-480 patrons per week result in an income of \$100 to \$125."

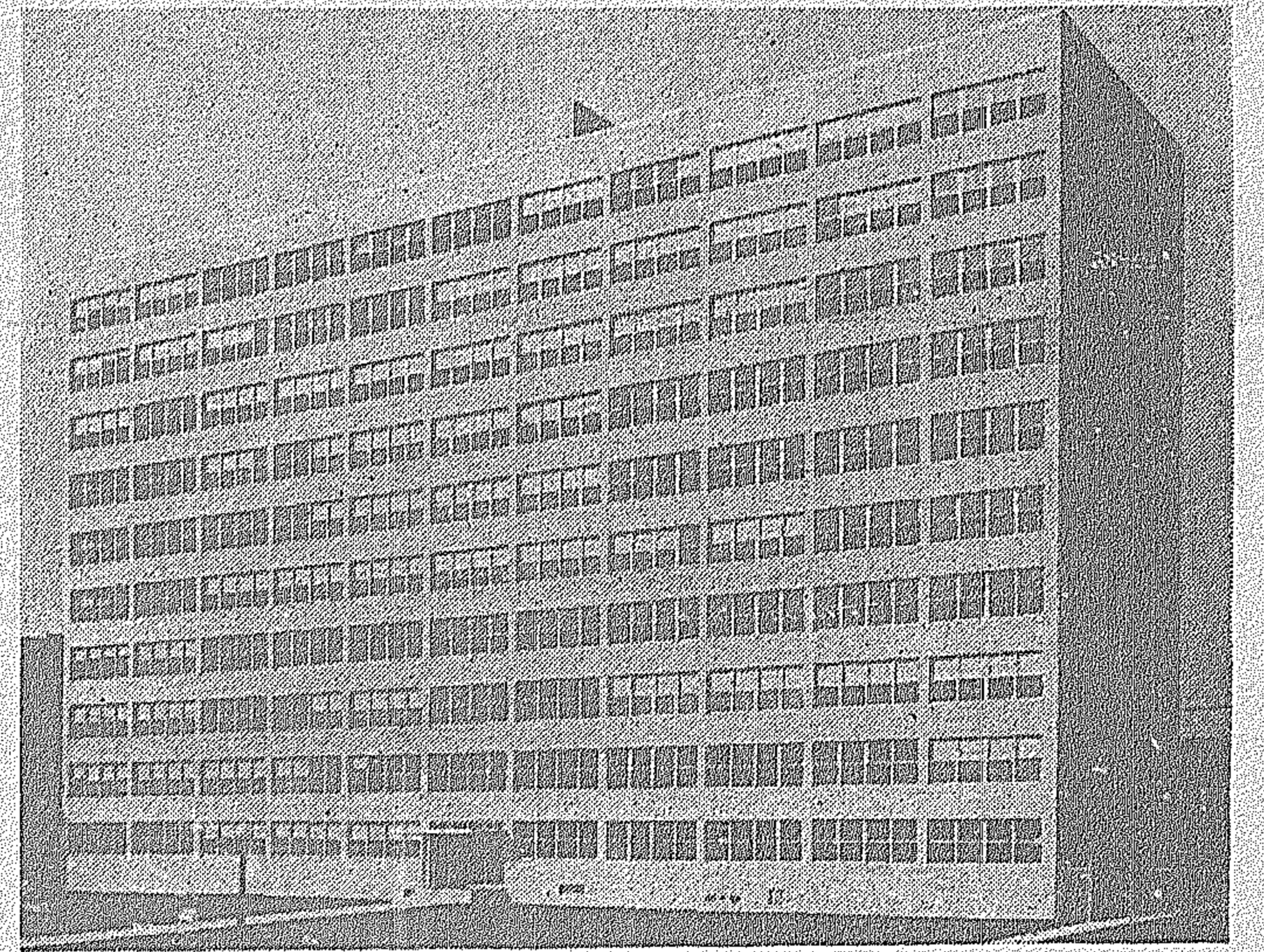
All students, resident or otherwise, are invited to patronize this new service, located in Brown hall, 33rd and Michigan Blvd.

IPC sets plans for interviews

Plans for immediate action were outlined yesterday at the first meeting of the Placement Advisory Board. Harold L. Minkler, director of placement, spoke to the group. Mr. Minkler was named earlier this week as faculty advisor for the Inter-Professional council, parent organization of the Placement Advisory board.

Armin von der Heydt, president of IPC, stated that the Placement Advisory board will institute a new program, to be directed by the Placement office. This program, first suggested by student leaders, is designed to acquaint local industry with the engineering talent available at Illinois Tech.

The Placement Advisory board will supervise the selection and briefing of interview teams composed of senior students. These students will arrange meetings with local employers who might otherwise not know how IIT graduates can benefit their organization.



GUNSAULUS HALL is entering third month of 100% occupancy by Tech students and faculty.

Final touches added to Tech apartments

By Alan Plait

"Impressive" would be a good adjective to use in describing the new ten-story student-faculty apartment building on Michigan boulevard. Although completed in late July, the few minor installation jobs such as telephones, washing machines and the like, are still being done.

Initial occupants arrived August 1, and in no time at all, the building had 100% occupancy. One month later, a grocery department, managed by Jack Edelman, was completed in the northwest corner of the basement.

Gunsaulus Hall, as the building is called, was named for Armour Institute's first president, Dr. Frank W. Gunsaulus was the head of AIT from its inception in 1892 until the time that he died in 1921.

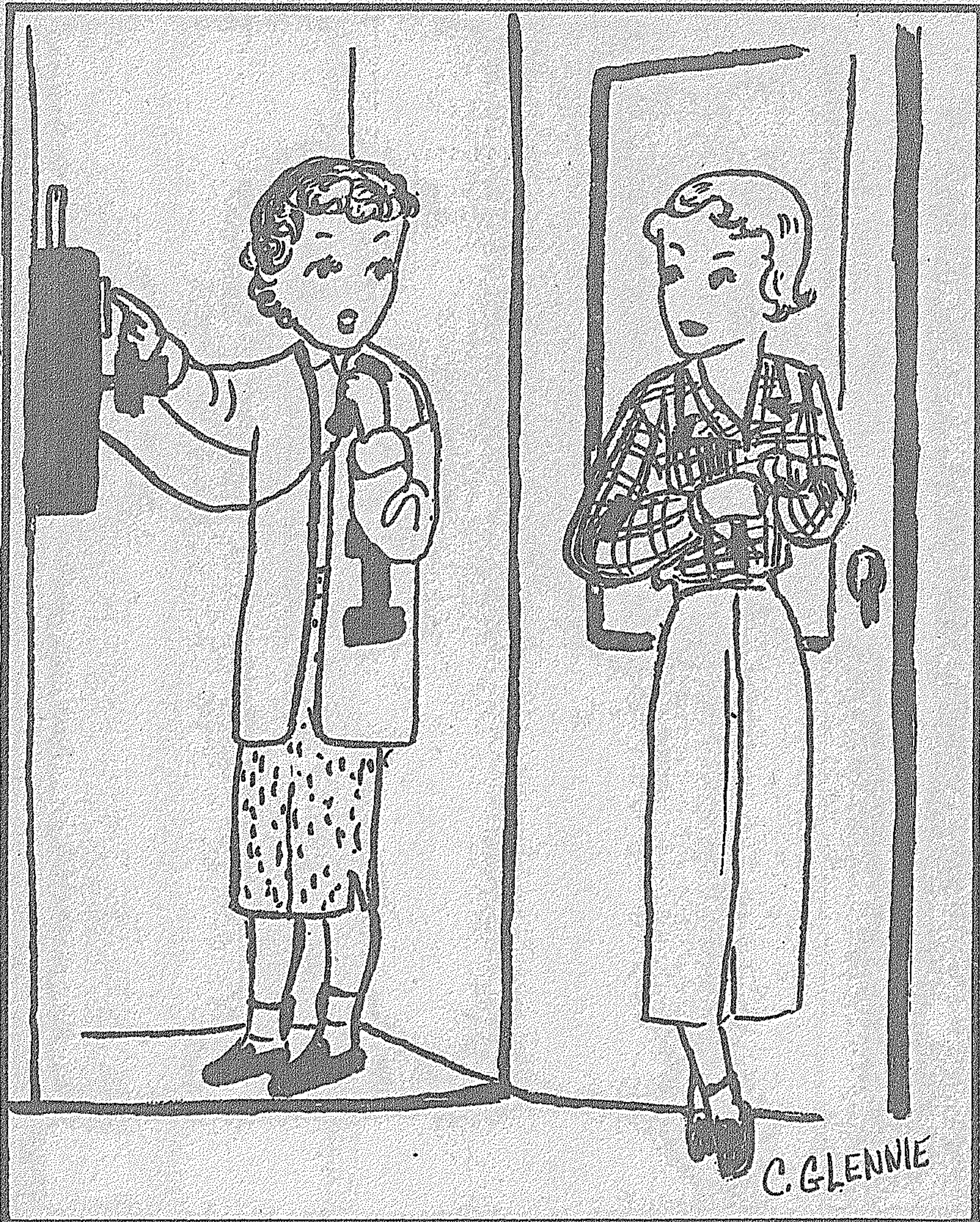
Counterbalancing the rather austere halls are the rooms themselves. Done in pastel shades of green, blue, grey and pink, they are quite homey. The landscaping operations, which have already begun, should complete the picture.

Your reporter had the novel experience of being locked on the roof while inspecting the premises.

After several ineffectual minutes of trying to hail passersby, some gravel was thrown down which attracted a few amused spectators. There was nothing to see on the roof but the view.

During the final stages of the building's construction, pipe lines for steam were being laid to the power plant. Returning students were required to rout their well worn paths around such heavily trafficked spots as South Union and Chapin hall.

On the corner of 32nd and Federal Streets, the AAR research building stands—a bare skeleton of structural steel. The columns are being poured and floor slabs are being laid out. At the north end of the laboratory is an 18% grade ramp that will accommodate trucks. In the near future, steam lines will be run to this new campus building.



"Charlie makes me call him since his phone rates went up."

Help asked at Community House; TBP answers 'tombstone' jibe

To the Editor:

Juvenile delinquency has a wonderful opportunity to get firmly established in the community around Illinois Tech. It is to the advantage of the school and the students to help combat this menace. Give these children a chance to spend their time undertaking worthwhile projects instead of playing in filthy streets and alleys.

Each campus organization can contribute a little time and effort in sponsoring some project in conjunction with the Ada S. McKinley Community house. The railroad club could hold two or three one-hour sessions a week instructing a class on model railroad building. The radio club could have classes on fundamental radio and set building; cooking, baking, and sewing could be taught by the Home Economics club. Dramatic clubs could direct small productions.

What makes it so profitable is that teaching is the best method of learning. There is no better way of learning to get along with people.

It was for this express purpose of bringing together the students and community house that the Community Service committee was formed. If only half of the organizations on campus gave two hours a week, the kids at McKinley house would not have, nor want, an excuse to go on the street. They need help; won't you give them a chance? The next meeting of the Service committee is October 21, at 5 p.m., in the NU lounge, and everyone is invited to help plan a series of winter events.

Fred Wright

* * *

To "Name Withheld by Request"

If you, my dear friend, will pause for one moment in front of the Tau Beta Pi monument, read the inscription in its entirety, and ponder for an hour or two, I'm sure you'll be able to understand it. It does not, as you so loudly proclaimed, state that Tau Beta Pi is honoring our Alma Mater by its presence. It says that Tau Beta Pi seeks to mark in a

fitting manner those students who have individually conferred honor on their Alma Mater by distinguished scholarship and exemplary character.

As for the purpose of the "tombstone," of course it's for publicity. We want the student body to know that Tau Beta Pi is here on campus and why we are here.

The design of the monument (marble portion) and its position on campus were graciously worked out by the Architecture department for conformity with the new Illinois Tech. Perhaps you'd better take your tombstone ideas to them and argue architectural esthetics; I'm sure you'll come off second best.

Joseph J. Pope
Pres., Tau Beta Pi

We are well off, says Jim

Since nothing really big has come up in the last week, I'd like to dig up something out of the past to write about. I've been meaning to do this all semester, so I guess it's about time I got around to it.

As you may know, I went to the NSA convention this summer and had the pleasure of meeting members of student governments from all over the country. I never did get convinced about NSA, but I certainly got a psychological lift out of the affair.

When I left for the meeting, I felt as many of you do around here right now; I was disgusted with everything in general. What a rude awakening! I thought I had troubles.

The new setup of our student board of control with thirteen students and only two faculty members was ever a source of amazement to the students I talked to. If they were lucky enough to have a ratio better than this, there were always restrictions, such as everything passing through the administration's hands before becoming official, a final okay by the Dean's office, or some such device of censorship.

Speaking of censorship brings up the point of publications. There were very few schools I came across that have as much freedom of the press as we do. In no instance did I come across anybody who would put "HELL, NO" in headlines, or lambast administration on the editorial page the way we do. I think this is a pretty healthy sign.

Another thing is the question of administration. As far as I'm concerned, we're still getting a rough deal in some things; but, all in all, I think the administration is giving us a pretty good setup. (You traitor, Gaffney!)

I know you don't believe me, but until you get out and see how the other 90% lives, you won't realize how well off we are. I hope nobody writes me letters and says, "Such and such a school has this and we haven't. What do you mean we've got a good setup?" Admittedly, some schools have advantages we don't. Please look at the overall situation in these schools before you blow your top. We probably have a lot of things that they don't have.

Don't get me wrong. I don't want you to sit back and take things easy. There's still plenty of room for improvement. If you've got an idea, promote it. Nobody's going to expel you. Let's work for the day when no school have advantages we don't have. Maybe you and I won't be here to see it, but at least we can say we tried. You with me?

Jim Gaffney, ITSA Pres.

Slipstick

"Let's see if we can locate the source of your neurosis," said the psychoanalyst. "What kind of work do you do?" "I sort oranges," was the reply. "I don't think I understand," the doctor admitted. "Please elaborate."

"All day," the patient explained, "oranges keep pouring down a chute. I stand at the bottom and sort them. Big oranges go into a crate on one side, little ones into a crate on the other, and medium ones into a crate in the center. See?"

"I do," said the psychoanalyst, "but certainly there's nothing in that to upset you. It sounds easy enough to me."

"Easy!" cried the patient. "Don't you realize? It means decisions! decisions! decisions!—all day long!"

* * *

Customer: You made a mistake in that prescription I gave my wife. Instead of quinine, you used strychnine.

Druggist: You don't say. Then you owe me 20 cents more!

Old Mother Hubbard went to the cupboard
To get her poor daughter a dress.
But when she got there
The cupboard was bare,
And so was her daughter, I guess.

* * *

"Ah wins."
"What you got?"
"Three aces."
"No, you don't. Ah wins."
"What you got?"
"Two eights and a razor."
"You sho do. How cum you so lucky?"

* * *

Son: I'm a big gun at college.
Father: How come I don't hear a better report?

* * *

The boys were in the South Union exchanging stories about the opposite sex. "Aw," sniffed a senior. "Girls are a dime a dozen!"
"Gee!" sighed a freshie, "and to think all this time I've been buying jelly beans!"

Carbolic Gus

as I see IT

By ED MICHELIC

RISING PRICES of any necessary service or commodity are unpleasant things to face. Sometimes one can hope only that the increase is merited, as in the case of rising telephone rates. But boosted streetcar rates will be met with more than a futile hope for the best, I think. Perhaps we will see a revival at Tech of the wartime car-pool practice.

TECHNETTE is to be recognized the finest student handbook yet published

at this institution. Bob Elliott and his staff did a terrific job of research on make up styles and economy short-cuts, coming up with a winner in a vest-pocket size book with a durable cover.

Another in their list of "firsts" is the calendar of events in the back. I am ever amazed and pleased what student ingenuity can do. Tech-nette should be a shot in the arm to all those who are striving for bigger and better activities at IIT.

EVERY SO OFTEN, somebody comes to me with a gripe about an instructor who is making life miserable for them, hoping that the newspaper would run a startling front-page expose of the faculty member.

This might certainly get us readers, but, rather than getting the improvement wanted, it might botch the job. As well as revealing us as immature, it would cause a resentment of student activities that even the model Ford could not match. We do not want that.

But why dodge the question? Something can be done about poor instruction. It is largely a matter of intelligent student criticism presented to department heads and divisional deans.

We must assume, I believe, that each department head and dean is vitally interested in the quality of instruction they are responsible for. Since their reputations as administrators depend on keeping up good instruction, and in keeping peace in the instructional family, it seems plausible that they would give interested attention to any complaints.

The common reaction that you readers have right now probably goes something like this: "Yeah, you just try to walk in to some old sourpuss department head with a complaint and see how far you get. D'ya think I want to flunk the course?" So then, where from here?

I think this is a problem for student committees within professional organizations or honoraries. I have some ideas on these committee functions but I don't want to spill them without some assurance that students are interested in doing something about it. My mailbox is open for your replies.

A carton of Chesterfields will be awarded to the writer of the week's best letter to the Editor. Chesterfields are supplied by Don Campbell, jr., Chesterfield campus representative.

TECHNOLOGY NEWS

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Campus has three new instructors

The appointments of Benjamin A. Wasil to instructor in civil engineering and William Graf, Jr., to instructor in mechanical engineering were announced today by the directors of their respective department.

A native of Brooklyn, Mr. Wasil received his bachelor's and master's degrees from New York university. Mr. Graf was formerly an instructor in technical drawing at Illinois Tech. He also served as associate engineer in the mechanics department of the Armour Research Foundation of Illinois Tech. He received his bachelor's degree from Armour Institute in 1939 and his master's degrees in both chemical and mechanical engineering at Illinois Tech in 1947.

It was also announced that Gerhart Kessler, visiting instructor from Stuttgart Institute of Technology, Germany, will study procedures of engineering education at Illinois Tech. Dr. Kessler is also engaged in electrotechnical research at Stuttgart Institute. His visit here is being sponsored by the U. S. Office of Military Government for Germany.

Tech's 'whistler' is without competition

By Alan Plait

Behind the façade of clanging cash registers and student calls for candy and cigarettes is the amazing Earl B. Wilson, night manager of the bookstore. During the year that he has been at Illinois Tech, white-haired, balding Mr. Wilson has become known, affectionately and appropriately, as the "Whistler."

For the past 27 years, Mr. Wilson has been a classical lyric whistler for vaudeville and radio. Holding the American Federation of Radio Artists union card No. 157734, the "Whistler" has played on such programs, oddly enough, as "The Whistler," and "Home on the Range" and has provided background for radio operatic works. His favorite numbers are "Ave Maria" and "The Indian Love Call."

Due to the residual effects of an uncommon lip ailment, Mr. Wilson has had to limit his radio activities to two appearances a week.

Whistling at night clubs helped pay his way through Northwestern University



WILSON

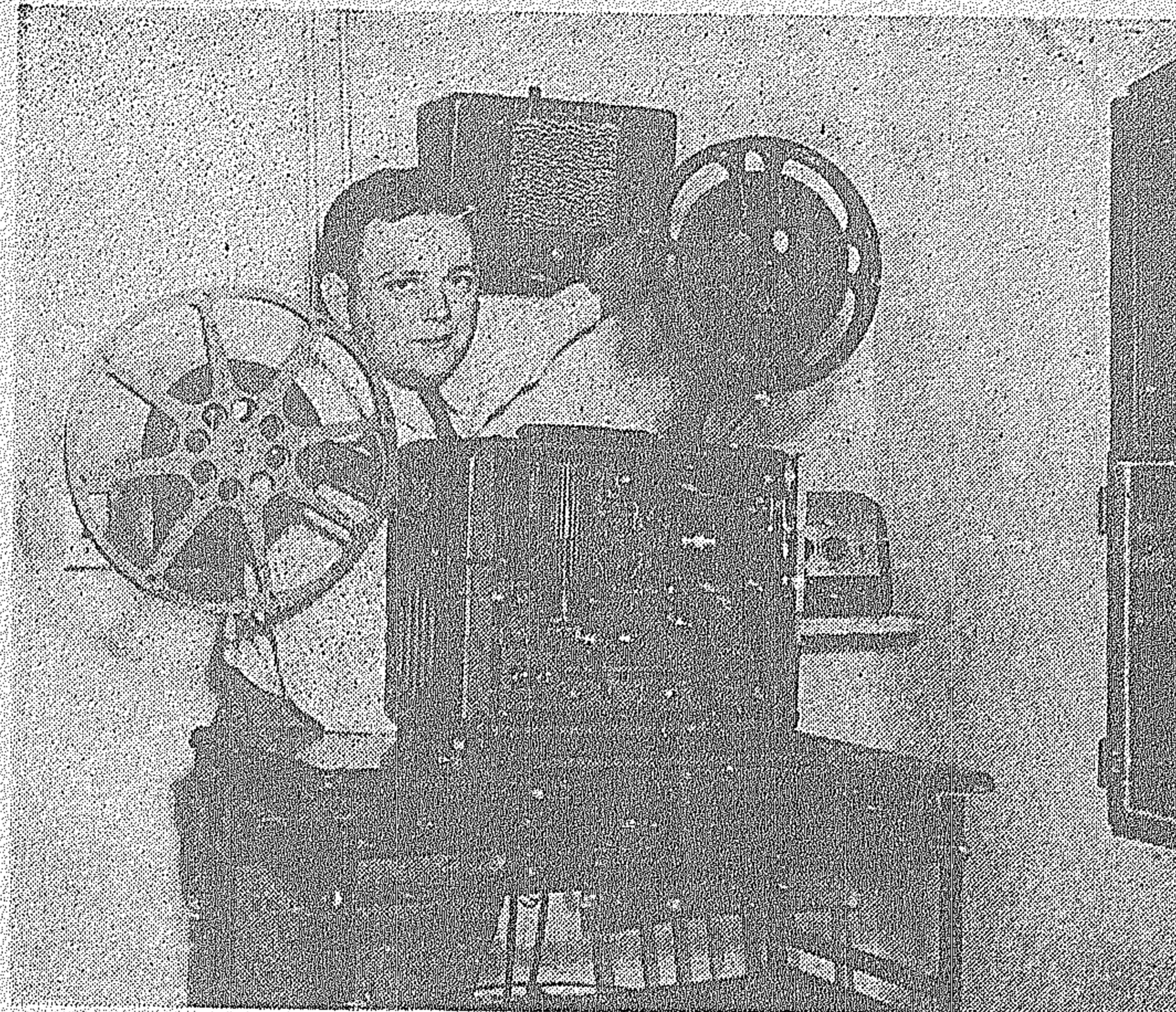
where he obtained a BS in pharmacy in 1928. It also furthered his education at the University of Chicago from which he collected an MS in 1934.

A native Chicagoan, born in 1899, Mr. Wilson explains "there isn't much competition in my special type of musical art, there being only two other whistlers in the entire country."

Airplane club to hold meet

The Model Airplane club has announced plans for a get-together model airplane meet to be held tomorrow noon on Ogden field.

The meet will give old and new members a chance to show off their summer's work. The officers of the club invite everyone to witness the performance of the sixteen to twenty models which are expected to be flown.



TED LINDGREN, visual education czar, manipulates controls in projection booth of Metallurgy auditorium.

Student movie, slide jockeys sparked by czar Ted Lindgren

Want to show Techawks a Disney cartoon on how to bathe the baby? Want your math class to view a sound movie on the

nomenclature, use, and maintenance of the slide rule? What you need is a talk with Theodore F. Lindgren, IIT's director of visual education.

It'll be a brief talk, because, as czar of one of Tech Center's fastest growing services, Mr. Lindgren is a hustler. Constantly streaming through his office, 401M, are instructors and students newly alert to the facilities which he offers.

Coping with a growing demand for audio-visual aids, "Vis Ed" has, under Ted's direction, greatly expanded its resources of equipment and facilities. These now include six sound projectors and seven slide projectors, as well as a transcription player and numerous public address systems. Several classrooms have been especially designed or altered for film showings.

In addition to training and supervising his ten student assistants, who operate projectors for more than 30 shows weekly, Ted must keep informed on new film releases, and when possible, bring the desirable ones to IIT. Previews must be arranged in order that the suitability of specific pictures for intended uses may be judged.

Not only does Ted advise instructors on the selection of classroom films, but he also assists campus organizations in planning movie programs, such as those run by SAM and by the Alumni association.

Vis Ed has prints of 150 films with titles ranging from "How to Bake a Cake" to "How to Adjust a Micrometer." Additionally, source catalogs of every major film library are on file. A recent library project, conducted with the aid of students from SAM, added descriptive literature on thousands of films to this file—with more than 2000 "rent-free" pictures represented.

TV in Future?

With a broad background in theater and radio work, Ted is now delving into television. A twelve-week TV orientation period with WBKB last spring persuaded him in regard to the ultimate usefulness of TV at Technology Center, after equipment for educational use has been refined and standardized.

The IIT faculty already makes more use of movies than instructors at any of the colleges visited by Ted during a summer "busman's holiday," he reports. This does not mean that maximum use of visual education is made here, however. To provide the facilities and encouragement required for attainment of such maximum usage is Ted Lindgren's goal.

THE DU PONT DIGEST

FOR STUDENTS OF SCIENCE AND ENGINEERING

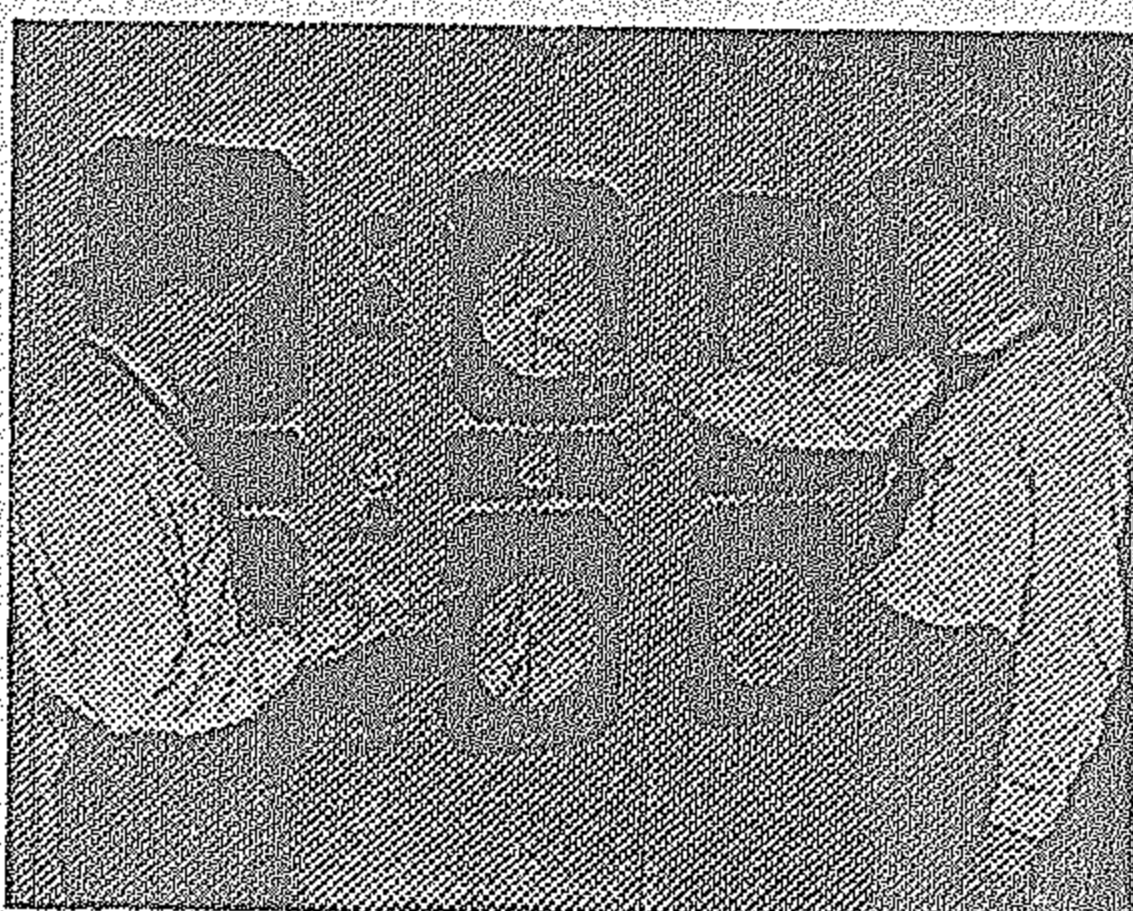
yarn from corncobs!

A DU PONT PROCESS CONVERTS FURFURAL INTO A CHEMICAL FOR MAKING NYLON

One of the fascinating things about nylon is the unlikely sounding raw materials that go into it. Popularly, nylon is said to be made from coal, air and water. This is because originally, in developing its chemical intermediates, chemists used benzene (from coal), ammonia (from air and water), and oxygen (from air).

But Du Pont is always looking for new ways of doing things. After the discovery of nylon in 1934, research men immediately began looking for alternative ways of making the two main intermediates—adipic acid and hexamethylenediamine. In 1935, when nylon was still in the laboratory stage and three years before its commercial debut, they started work on the possibility of using furfural in the process.

Furfural has been used in the chemical industry for 25 years, but it is little known to the layman. A tan-colored liquid with a faint bitter-almond odor, it is made from a wide variety of agricultural by-products. Among these are corncobs and hulls of cottonseed, oats, rice—all available in practically unlimited quantities from America's farms.



C. R. Dewey, B. S. Chem., Niagara University, 1941, and J. M. Estes, B.S. Ch.E., University of Missouri, 1937, engaged in production of adiponitrile at the Du Pont Electrochemicals plant in Niagara Falls, New York.

14 Years of Research and Development

It seems a far cry from corncobs to nylon, and it was. The development from the first small-scale laboratory experiments to the present full-scale plant cost 14 years of time and about five million dollars. But it enabled chemists to produce large quantities of adiponitrile, the compound from which hexamethylenediamine is made, by an economical process which uses natural materials that are in continuous supply.

In the new process, furfural is converted by a series of steps to 1,4-dichlorobutane. The next step explains in part why Du Pont undertook the project in the first place. As producers of cyanides, they had sodium



Scale model of a part of the Du Pont adiponitrile plant at Niagara Falls. Here furfural, an agricultural by-product, is converted into a chemical intermediate for making nylon.

cyanide available for converting the 1,4-dichlorobutane into adiponitrile.

The final product, hexamethylenediamine, is then reacted with adipic acid to make nylon "salt." Still more processing and the salt becomes yarn, and the nylon flake used by the plastics industry.

Opportunities at Du Pont in many scientific fields

This is an excellent example of the interesting work in industrial organic chemistry carried on at Du Pont. It required the technical knowledge and skill of highly trained research and development men, including organic and physical chemists; chemical, mechanical, civil and electrical engineers, and others.

Only a large company with ample resources in men and money could afford to engage in research of such magnitude. To the young college graduate, Du Pont offers the broadest of opportunities in many scientific fields, along with the advantages of working directly with a small group of associates.

Keystone of Du Pont personnel policy is promotion from within on a competitive merit basis. A conscientious effort is made not only to choose college-trained people of promise, but to develop each individual as rapidly as possible.



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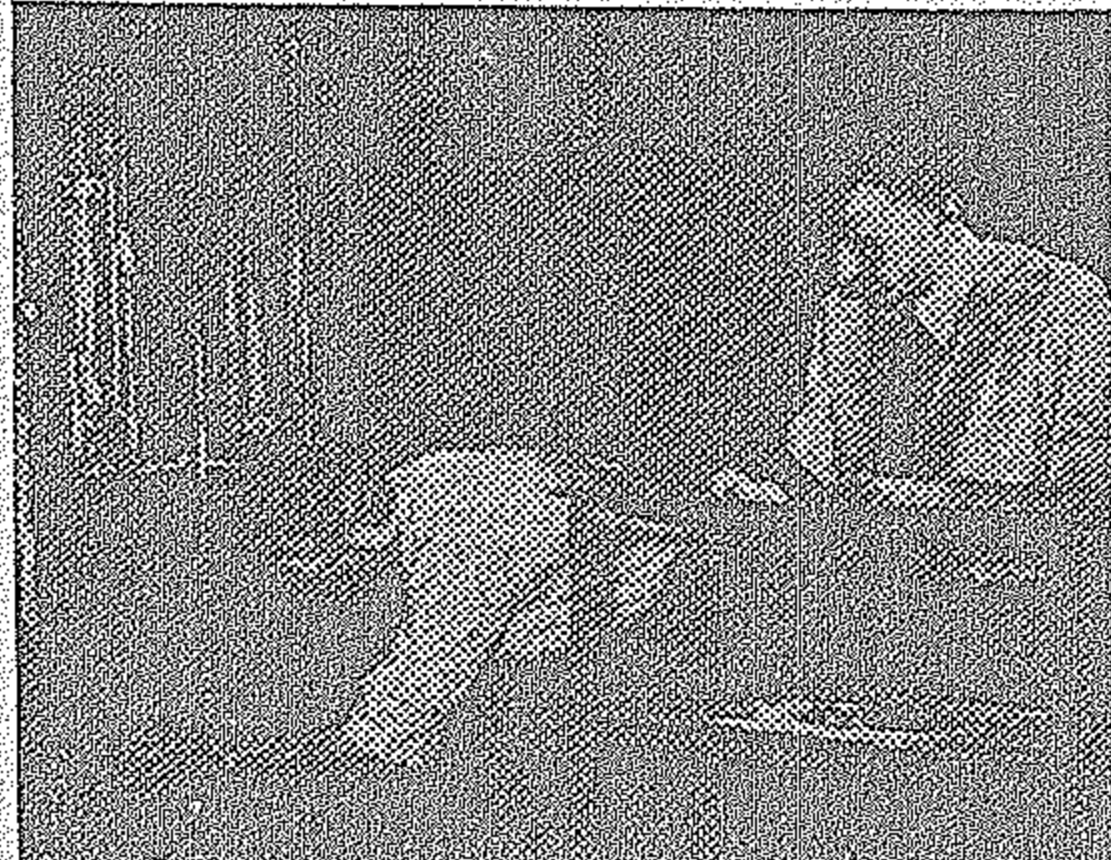
DUPONT

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DUPONT



A. G. Sveinbjornsson, Ph.D., Organic Chemistry, University of Kansas, 1948, and H. B. Copelin, M. S., Organic Chemistry, Cornell, 1941, studying new furfural derivatives.

Army Upsets Wolverines Baur, Kohan top "Prophets"

By Larry Shapiro

Mighty Michigan's reign of terror over college football ended abruptly last Saturday. The Wolverines were very rudely dumped by an inspired band of West Pointers, 21-7. This "upset of the year" stopped all these—the Michiganders win streak at 25 (only one short of Cornell's all-time record); "Pigskin Prophet's bored of experts" completely; and all but two of 1,009 entrants from getting ten right.

Yep, two Tech men are geniuses! Ed Baur after placing fifth last week, topped them all by stringing along with Army, and being three points better than Len Kohan's card of ten winners. Baur collected the big Coca Cola cooler filled with Coca Cola, while Kohan smilingly pocketed the Bear-Eagle tickets.

Getting back to our "bored of experts",—they ran into a stonewall in their maiden attempt this season. Only four of our illustrious prognosticators were able to score as many as seven winners in the toughest contest to date.

The collapse of Northwestern and Stanford aided and abetted by the Michigan debacle sank the board.

Northwestern, last year's Rose Bowl winners and a strong pre-season choice for Big 10 and national honors, seemingly has folded at the seams and now has lost to Pittsburg and Minnesota in its last two outings. The future for the Wildcats looks even darker than the past as they face Michigan tomorrow and tangle with an in-and-out Iowa squad next week.

Stanford's Indians were picked as a strong darkhorse for Coast league honors after rolling up tremendous scores in their first two games. However, they were slowed to a walk by Michigan and failed their first league test against UCLA dismally!

Sonny Weisman missed only the three "toughies" and was closest on the scores to become "captain" of this week's "bored experts". Sonny is ably seconded by bucket coach Ed Glancy who also hit seven winners (but missed on the Boston Red Sox), and Technology News, frosh prophet "Steve" Saule.

The newest addition to the "bored" is Ed Baur (his picks have been good for fifth and first prizes the first two weeks).

Get those entries in!

see BOARD OF EXPERTS on page 5

PIGSKIN PROPHETS JUST PICK WINNERS

- 1. Illinois () at Purdue ()
- 2. Northwestern () at Iowa ()
- 3. Missouri () at Iowa State ()
- 4. SMU () at Kentucky ()
- 5. Minnesota () at Michigan ()
- 6. Penn State () at Michigan State ()
- 7. Mississippi () at TCU ()
- 8. Pennsylvania () at Navy ()
- 9. USC () at Oregon ()
- 10. Texas () at Rice ()

PROBABLE SCORE

- 11. Wm. & Mary () at Wake Forest ()
- 12. Pittsburg () at Indiana ()

RULES

- 1. Just check the winner of the first ten games and pick the probable score in the last two.
- 2. Blanks must be in the Technology News Box in the North Union or in the slot in the office door in the South Union before 7 p.m. Friday, October 21.
- 3. The entries are limited to ten (10) per person. Facsimile blanks may be used.
- 4. Prizes include: First prize, enameled, stainless steel cooler filled with COCA COLA; second prize, ticket for the Chicago Bear-Green Bay Packer game, Sunday, November 6; third prize, Zippo lighter; fourth prize, a bid to the Sophomore dance, Autumn Leaves at the Congress Hotel, November 23; fifth, sixth, seventh, and eighth prizes, cartons of CHESTERFIELD cigarettes; ninth and tenth prizes, cases of 24 bottles of COCA COLA. Duplicate prizes will be awarded in case of ties.
- 5. Staff members of Technology News are ineligible.

Name

Address

Term..... Dept.....

Tech Sports



DAVID R. JOHNSON receives first prize for the October 1 edition of "Pigskin Prophets" from promotion editor Larry Shapiro.

Fencing, Cross Country teams list stiff schedules

By Sid Doppett

With only four men returning from last year's squad, the fencing team is beginning to look around for more material to help fill the gap left by graduation.

The freshman squad is expected to help fill some of the positions but Coach Bazell extended an invitation to all those with or without experience to come out and work out.

The tentative schedule for '49-'50 is a rugged one and includes:

- University of Notre Dame H
- University of Wisconsin... H
- Tri-State Col. of Eng.... A
- University of Chicago.... A
- Michigan State H & A
- University of Illinois H & A

Besides this, the coach expects to send three men to the N.C.A.A. fencing championships to be held at Wayne University next Spring and has received invitations for meets in the future with Ohio State, Northwestern and others.

Cross Country

The Illinois Tech cross-country team will open their season Saturday, October 25, with a meet against Illinois (Navy Pier) in Washington Park.

The squad, coached by Roy McCauley, will have five returning lettermen from last year's team which won one of four meets and placed fifth in the State meet.

- The complete schedule follows:
- Oct. 15—Illinois (Navy Pier).
- Oct. 22—North Central.
- Oct. 29—Elmhurst and Concordia.
- Nov. 5—Loyola Invitational.
- Nov. 12—Illinois State Meet.
- Nov. 19—Loyola.



A WORD OF WARNING: Honor I has requested this fact to be made definitely clear. . . . Any athletic letters earned at any other school except Illinois Tech are absolutely NOT to be worn around this campus . . . this is a long standing rule and it must in the future be strictly observed.

WHAT NEXT . . . ? There's a nasty rumor going around that persons unknown are considering turning poor old Ogden Field into another parking lot. . . . Parking facilities may be a little short just now, but athletic facilities are much more scarce. . . . Let's hope that it's just a rumor and nothing more.

BASKETBALL: Took a quick peek at a couple of varsity practice sessions . . . things look mighty promising. . . . If this isn't the best crew Glancy has had to work with here then I'll eat my hat . . . or something . . . 6'7" freshman Ted Schultz is improving each day . . . right now he seems like the most likely prospect to fill "Big George" Scalamera's pivot spot next season. . . . Ted has got the ability . . . all he needs is to work a little harder on his weak points, and who knows . . . maybe we'll have another Mikan . . . !

INTO THE CRYSTAL BALL: The "Flashes" look like the best bet in the IM touch football tournament. . . . Also watch for the outcome of the Alpha Sigs-Delta game for a good idea of who the IF champs might be.

Plans revealed for IM swim competition

By Ted Spath

Plans for an Intramural swimming meet were released today by the Athletic office. The meet is tentatively scheduled to be held on October 27 at 5 p.m. in the Valentine Boys' club pool.

All students with the exception of members of last year's varsity squad and former letter winners are eligible to compete in this meet. Individual awards will be given to winners of each event and second place awards will also be given out if the number of entries warrant a second prize.

The following events will be held: 40 yd. free style, 40 yd. back stroke, 40 yd. breast stroke, 100 yd. free style, fancy diving, 60 yd. medley, (40 yd. back, 40 yd. breast, 40 yd. free style)

Entry lists are available at the gymnasium and they can be ob-

tained from either Coach Glancy or Grant Stenger.

IM Football

Last week on the IM football front the Chem. Grads downed the Frosh Archs, 19-0 while the Lugs upset the favored Tech News Tornadoes, 6-2, as the twilight fell with a loud thud.

On Monday the Ergs and the Ravens tugged and pulled over spacious Ogden field, but to no avail as the game ended in a 0-0 tie.

New mat mentor sets workout dates

Starting their 1950 season with a new coach, the Illinois Tech wrestling team began pointing toward their opening match with Bradley Tech. Coach Anthony J. Barbaro was introduced to the team at a meeting last Monday night where he announced that many positions on the team are still open and urged the members to look for new talent.

Barbaro was AAU 165 pound champion in 1939 while attending DePaul University and received his bachelor of science degree from the University of Wisconsin in 1947 where he won two letters in wrestling. He attended Tilden Tech high school here in Chicago and was runner-up in the city meet in 1937. He was awarded three letters in both football and wrestling at DePaul.

Here at Illinois Tech he is succeeding "Sonny" Weissman who was appointed athletic director last June.

Led by Captain-elect Dean Levi, the team will begin practice on October 31 and will continue every Monday, Wednesday and Friday night from four to six p. m. All interested men who were not present at the Monday meeting should see Mr. Weissman for any information regarding tryouts.

Barbaro was very pleased with the large number of men who turned out for the first meeting. He stressed the importance of top physical shape for success in competition.



NEW WRESTLING COACH Tony Barbaro is welcomed to Tech by captain elect of the squad Dean Levi. Barbaro will start immediately to whip a large turnout of candidates into shape.

Varsity basketball gets under way

Glancy optimistic—looks toward great hoop season

By Ted Spath

Illinois Tech, in its third season under Coach Ed Glancy will place an improved, veteran team on the basketball floor this winter. With a schedule comparable to last year's, the Techawks expect to better their last season's record of nine wins and nine

Two years ago Glancy built his team around a fairly promising group of freshmen and sophmores. Last year the squad showed improvement and all indications point toward a banner year for this year's aggregation.

Forty-nine candidates reported to Coach Glancy as the 1949-1950 edition of the Techawks prepared for their forthcoming season. Prominent among the would-be "varsity-ites" are Capt. George Scalamera, Bob Leiser, Carl Matson, Bob Peterson, Leo Kiley, and Phil Urasky.

Jerry Mattman of baseball fame and Howie Gardner, who received last year's outstanding player award in the IM basketball tournament, showed to advantage along with the rest of the squad in the early workouts.

Ted Schultz, 6'6" frosh, and Harry Heersema, frosh from Chicago Vocational also looked impressive in the workouts.

The Frosh squad will play a regular schedule this season. Games will be scheduled with Wilson J. C., Herzl J. C., and Mrgan Park J. C.

Outstanding in early drills were Harry Heersema, Ted Sampon, George Georgen, Sherwin Small, Allan Hall, Ted Schultz and Don Dewey.

Season Schedule

Dec. 2	Lake Forest	H
6	Concordia	H
8	Milwaukee Teachers	H
10	U. of Chicago	A
15	U. of Illinois (N. P.)	H
17	Lake Forest	A
Jan. 6	Milwaukee Teachers	A
10	Chicago Teachers	H
13	George Williams	A
Feb. 3	Omaha (tentative)	H
9	Michigan Normal	A
14	Chicago Teachers	A
17	U. of Chicago	H
21	George Williams	H
28	U. of Illinois (N. P.)	A
Mar. 3	Concordia	A

Fraternity Row

By Levy and Doppelt

Monday's game between the Alpha Sigs and TX was fought amid a heavy downpour which cut down the efficiency of both teams.

Early in the second half, however, Bob Dunn of the Alpha Sigs broke away and swiveled and slid down half the field for the only and decisive score of the game.

IF Eligibility

Lettermen belonging to fraternities will continue to be spectators in the IF league. The proposed rule change that would have permitted them to play was defeated at the last IFC meeting, lacking three votes for the necessary majority.

BOARD OF EXPERTS

	Weissman	Glancy	Saule	Baur
Illinois at Purdue	X	X	X	X
Northwestern at Iowa	X	X	X	X
Missouri at Iowa State	X	X	X	X
SMU at Kentucky	X	X	X	X
Minnesota at Michigan	X	X	X	X
Penn State at Michigan State	X	X	X	X
Mississippi at TCU	X	X	X	X
Pennsylvania at Navy	X	X	X	X
USC at Oregon	X	X	X	X
Texas at Rice	X	X	X	X
Wm. & Mary at Wake Forest	18 28	10 13	12 13	7 21
Pittsburgh at Indiana	24 7	28 9	21 7	13 6


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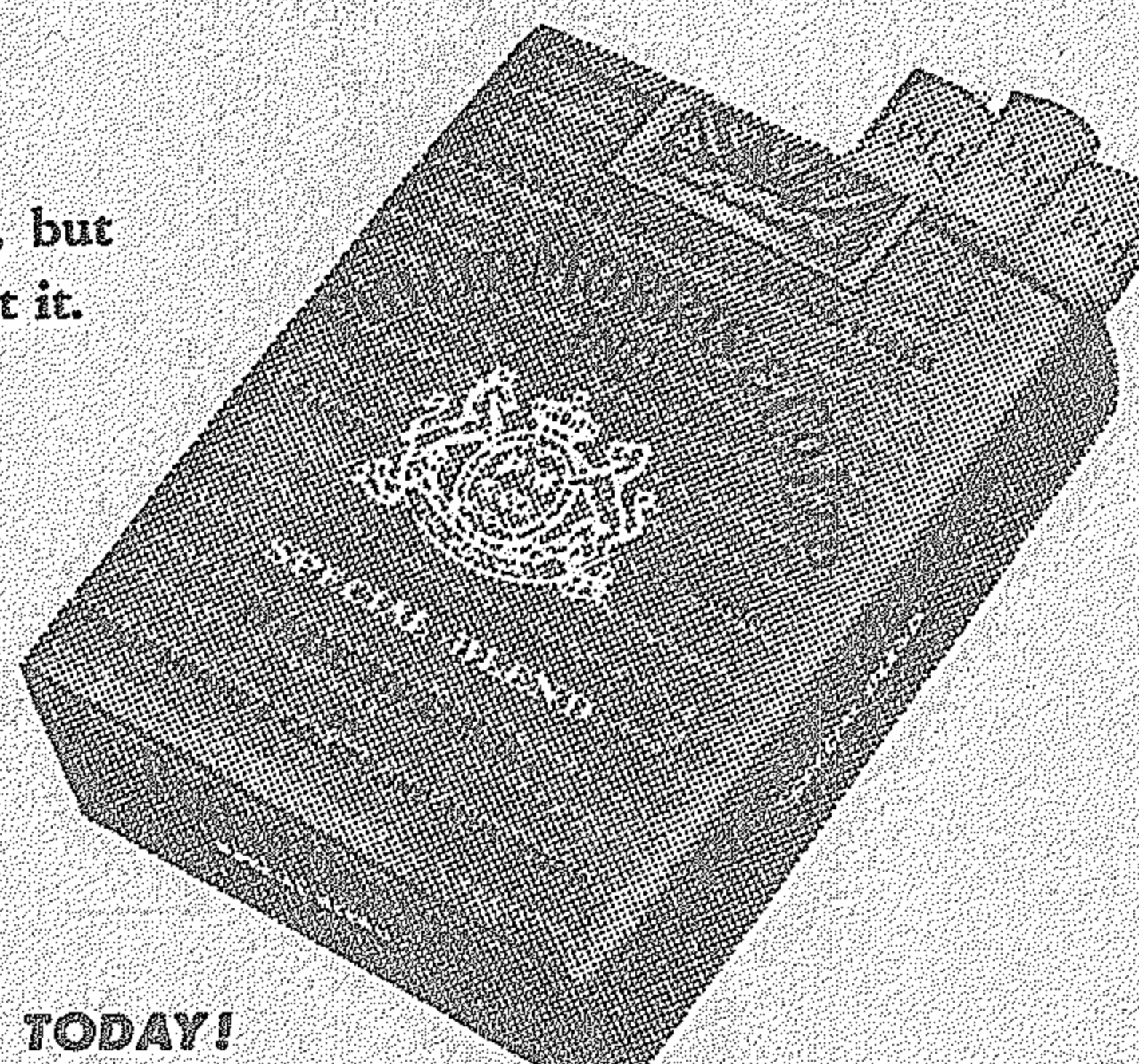
2...light up your present brand
Do exactly the same thing—DON'T INHALE. Notice that bite, that sting? Quite a difference from PHILIP MORRIS!

NOW YOU KNOW WHY YOU SHOULD BE SMOKING PHILIP MORRIS!

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Remember: *less* irritation means *more* pleasure. And PHILIP MORRIS is the ONE cigarette proved definitely *less* irritating, definitely *milder*, than any other leading brand.

NO OTHER CIGARETTE CAN MAKE THAT STATEMENT.



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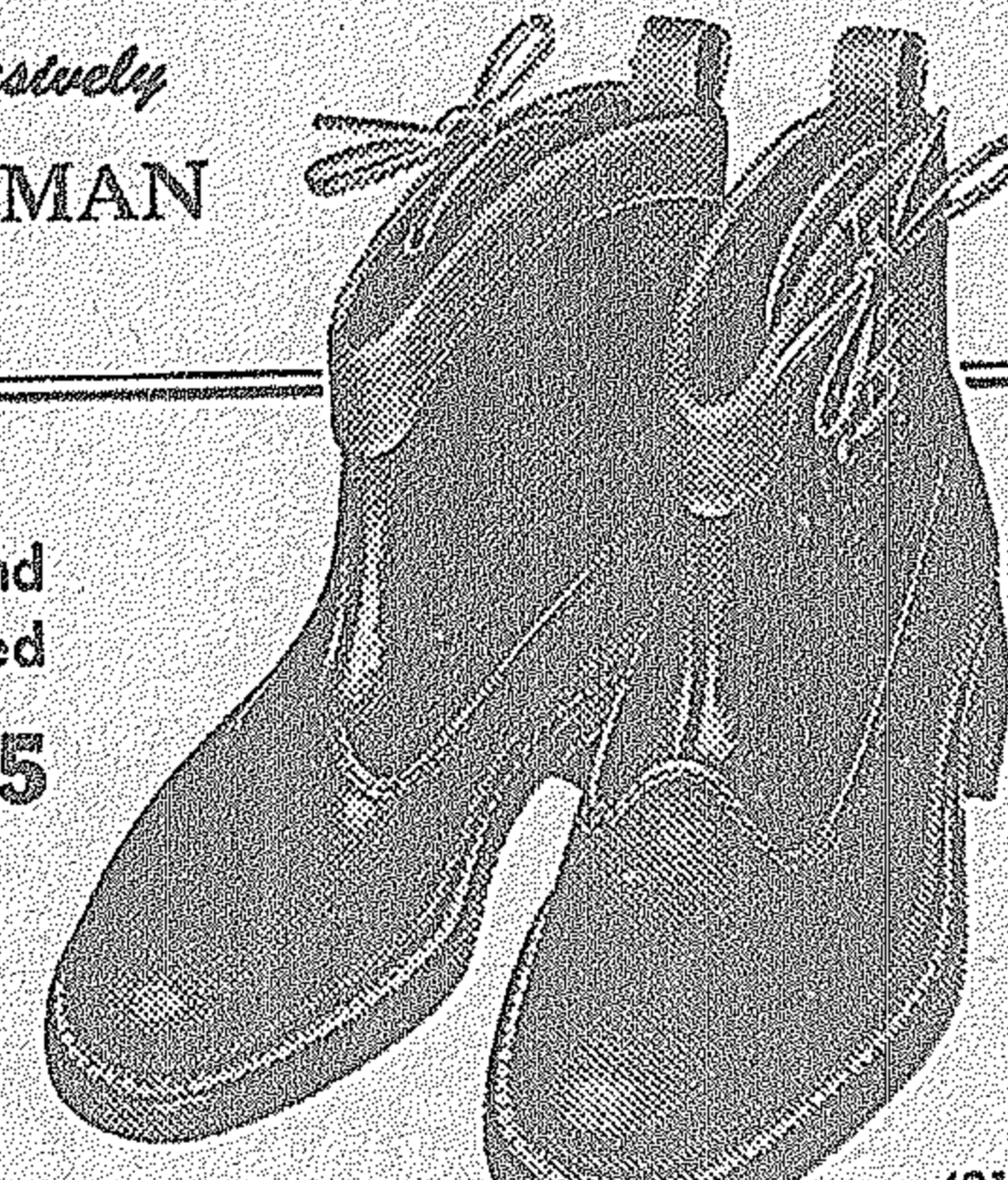
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Sammies win cup with high grades

Ever wonder how fraternities rate in racking up the grades? This tells the story. The fraternity scholastic averages for last year found Sigma Alpha Mu on the top again with a 0.158 lead over the second place, Alpha Epsilon Pi. This makes the fourth time that the "Sammies" have come to the winner's circle in the grade point race.

All fraternity average for the year was 1.524 as compared with all school average of 1.484.

First place fraternity wins possession of a gold loving sup until dethroned. Three successive wins result in permanent possession of the trophy, with a new cup coming into play.

The overall picture of fraternity

averages is as follows:

Sigma Alpha Mu	1.839
Alpha Epsilon Pi	1.681
Delta Lambda Xi	1.673
Tau Epsilon Phi	1.568
Theta Xi	1.544
Pi Kappa Phi	1.467
Alpha Sigma Phi	1.435
Phi Kappa Sigma	1.434
Delta Tau Delta	1.427
Triangle	1.397
Sigma Phi Epsilon	1.366
Daedalians	1.314

Campus barber awaits prize slogan writer

Tuesday is the deadline for fuzzy-necked Techawks who hope to get trimmed free of charge by campus barber Roy Patrick. Sloganeers must submit 15 words or less on tonsorial themes by 5 p. m. on that day, to be considered for the free haircut, shave and shampoo promised the first-prize winner.

Entries in the barber shop contest are to be dropped in the Technology News box in NU lobby. Winner (s) will be announced Friday, October 21.

If you can't wait until October 21 for a haircut, Roy and his assistant, Verne Greenwell, will be glad to accommodate you, at regular prices.

ATTENTION SENIORS!

Jan. '50 - June '50 - Aug. '50

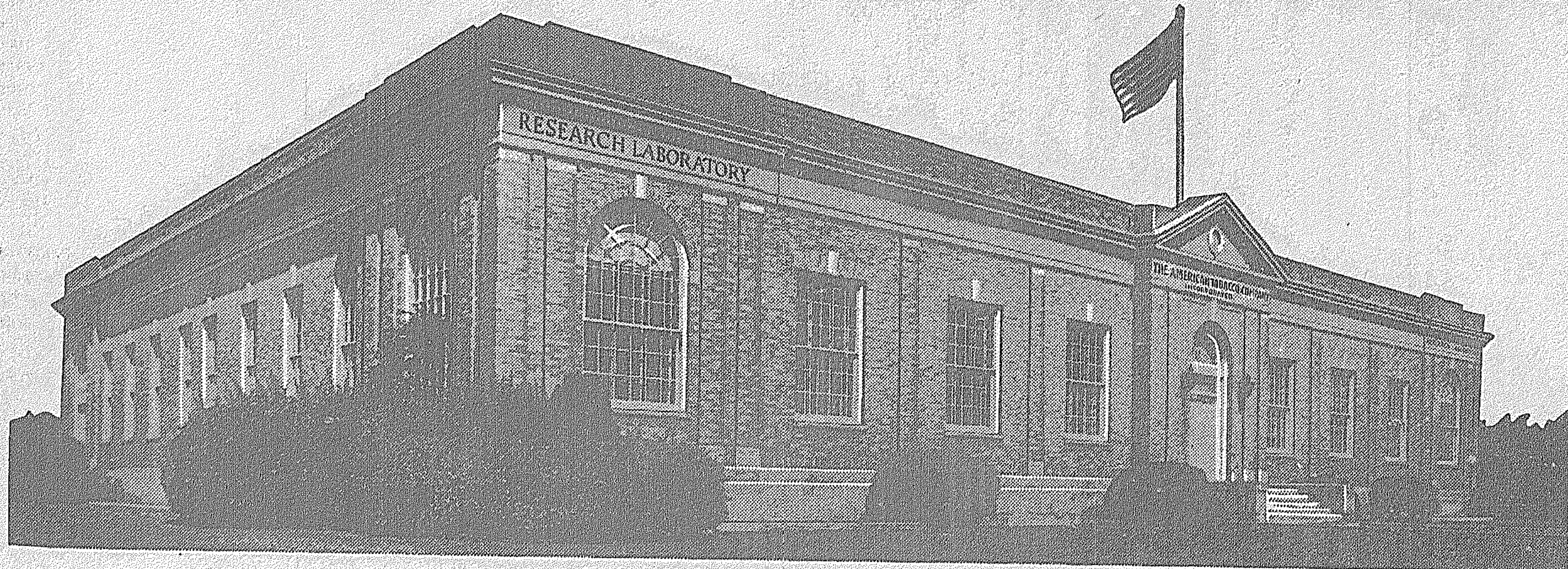
YOUR PHOTO RESERVATION HAS BEEN EXTENDED ONE WEEK, OCT. 17-22. THIS IS YOUR LAST OFFICIAL OPPORTUNITY.

See the South Union Bulletin Board

THE 1950

Integral

To give you a finer cigarette Lucky Strike maintains AMERICA'S FINEST CIGARETTE LABORATORY



America's largest cigarette research laboratory is your guarantee that Luckies are a finer cigarette!

YOU SEE HERE the largest and most complete laboratory of its kind operated by any cigarette manufacturer in America.

For many years Lucky Strike scientists have delved into cigarette research on an extensive scale. Out of this has grown an elaborate system of quality control. Every step in the making of Luckies—from before the tobacco is bought until the finished cigarette reaches you—comes under the laboratory's watchful eye. As you read this, a constant stream of tobacco... samples

from every tobacco-growing area... is flowing into the laboratory in Richmond, Virginia. These samples are scientifically analyzed, and reports of their quality go to the men who buy at auction for the makers of Lucky Strike.

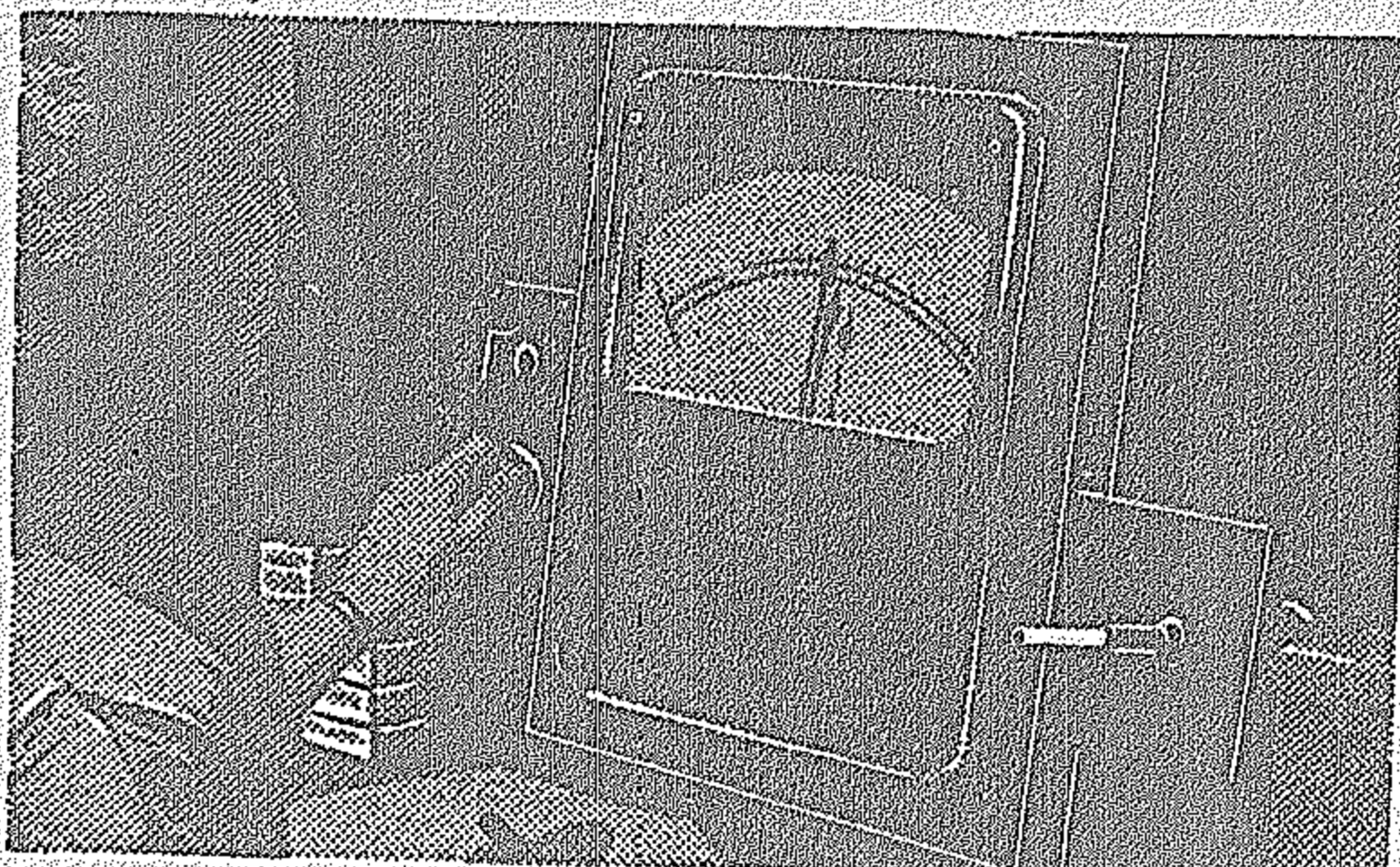
Armed with this confidential, scientific information—and their own sound judgment—these men go after finer tobacco. This fine tobacco—together with scientifically controlled manufacturing methods—is your assurance that there is no finer cigarette than Lucky Strike!



Testing tobacco. Samples from every tobacco-growing area are analyzed before and after purchase. These extensive scientific analyses, along with the expert judgment of Lucky Strike buyers, assure you that the tobacco in Luckies is fine!



So round, so firm, so fully packed. Typical of many devices designed to maintain standards of quality, this mechanism helps avoid loose ends... makes doubly sure your Lucky is so round, so firm, so fully packed.



So free and easy on the draw. This meter draws air through the cigarette, measures the draw. Samples are tested to see if they are properly filled. Tests like this guarantee Luckies are free and easy on the draw.



We know: **LUCKIES PAY MORE**

for fine tobacco

(millions of dollars more than official parity prices)

We are convinced: **LUCKIES PAY MORE**

for cigarette research



So, for your own real deep-down smoking enjoyment

Smoke a Lucky!

Lucky Strike's fine tobacco and constant research combine to give you a finer cigarette. Prove this to yourself. Buy a carton of Luckies today!

First of a series

Placement office find jobs

By Hal Bergen

Graduating seniors will soon find themselves in a challenging situation—the placement interview. Each senior will face a man who has come from almost anywhere in the country to look over the IIT crop. The senior will have about twenty minutes to make a favorable impression. During this time he is being compared to perhaps hundreds of other graduating engineers.

How does the IIT senior stack up? How well has the Techawk prepared himself for these fateful few minutes? Each student must face this very personal problem for himself.

Job competition is keener by the month. Graduating classes are larger than ever before and job openings are becoming scarcer. Each individual has to look beyond the end of his slide rule if he is to find a place in industry.

Formal education itself is not the sole basis of an engineer's competence. Friends, faculty, professional societies and personal experiences are invaluable in rounding out the individual's perspective. But perhaps the most comprehensive source of information for the individual is located right on campus—the placement office.

Here is the most valuable single asset which one has available. Serving undergraduates, graduates and alumni, the placement office tenders assistance, limited only by the extent of the individual's co-operation. Computed at rates charged by present day employment agencies, this assistance would often be worth hundreds of dollars.

What can the senior do to facilitate the placement procedure in order to derive most benefit from it? Simply—co-operate. The placement office has an interview control procedure designed to give each graduate a fair share of the interviews available.

Early in the semester a sign-in book is established for each company which customarily interviews on the campus. Each graduating senior may then sign up for interviews with six companies of his choice. The placement office will thereupon arrange for company representatives to come here and interview those pre-registered.

What next can the graduate do in order to aid the placement office? He can bring in his interview applications neatly lettered and accompanied by a photograph. This should be done with an absolute minimum of delay.

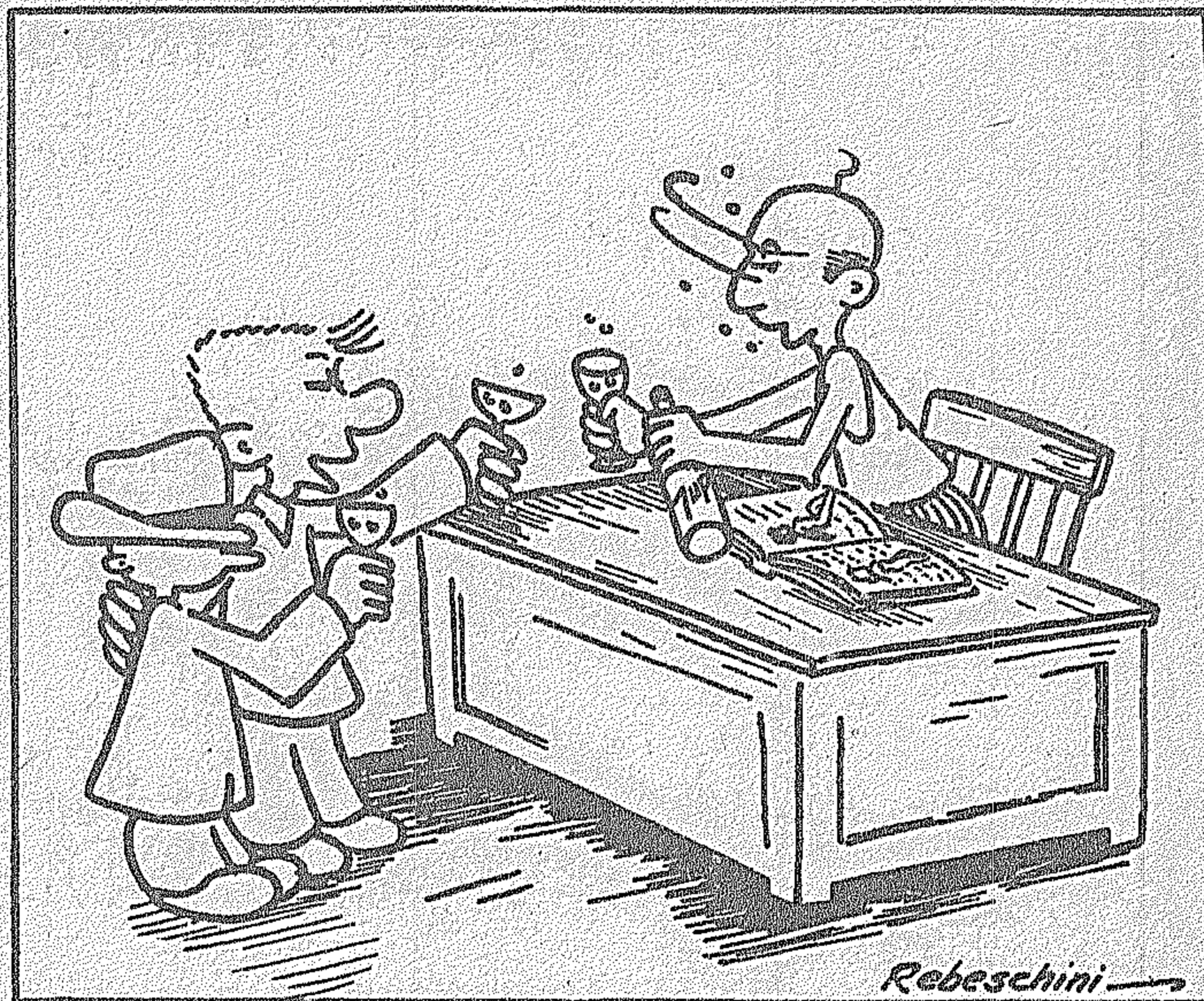
The senior must also be sure to get his personality rating forms into the hands of those faculty members whom he lists as references. Here again, time is of the essence. These forms do the senior no good until they are in the placement office confidential file.

The senior himself may arrange interviews with local firms if he so desires. These firms often do not come to the campus as do out-of-town firms. Furthermore, if these interviews do not lead to a job,

they offer experience which may well pay off in one of the precious on-campus interviews.

Above all, the graduating senior should keep himself informed of the employment picture. He should attend organized placement meetings for his own benefit. The key to successful placement is individual initiative.

NEXT WEEK: Interviews By Pre-Selection.



Rebeschini

"You'll find I run a very informal class."

Man of the Week

Honoraries swamp Mock

Though he's not a very colorful character, Clifford Mock accomplishes much in his own quiet way. In the scant two years that he has been at Tech, he has compiled an enviable record unmatched by most students in twice the time.

Cliff graduated from Lindbloom high school and had exactly three days to report to the navy V-12 unit at the University of South Carolina. There, he took courses which gave him two years of college credit; one of these courses was a survey course in mechanical engineering. The professor suggested that Cliff consider ME as a profession, but only induced Mock to hint that the prof was off his entropy.

The work at South Carolina led to a chance at Midshipmen's school and eventually to a commission as an ensign. Cliff got a taste of management during action as gunnery officer on the destroyer John W. Thomason.

Discharged from the navy, Mock started work as a proof reader at UARCO, Inc., manufacturers of business forms, and was lured to Illinois Tech night school through the advice of friends and a conspicuously placed advertising poster. Entering the day school in

February, 1948, he decided, surprisingly enough, to enroll in the management option of the mechanical engineering department, pointing toward a career in sales or management. This decision came after careful consultation with men in the business world.

While he has been in the day school, Cliff has found little time to devote to out-of-school activities. His on-campus efforts reached the crowning point when he was accepted by Tau Beta Pi, Pi Tau Sigma, Sigma Iota Epsilon and Pi Delta Epsilon all in one semester. His election

to Pi Delta Epsilon came in recognition of the work that he has done for the Integral. He is now continuing his journalistic pursuits as editor of the forthcoming Student Directory.

Before losing himself in school-work, Cliff found time to build a fine collection of phonograph records, mostly classical, but now he confines his musical activity to playing a clarinet in the school band. He has also built ship models and takes pride in the four-foot replica of the destroyer on which he spent so much time in the navy.

An amateur gourmet, Cliff has eaten in many of the country's best culinary establishments. His list of hobbies is rounded out by a collection of knives which represent almost all of the 48 states and 15 foreign countries.

Mock has a pet philosophy about school. He believes that school-work is of little importance after graduation, and that success is not measured by a grade average, but by how well you get along with people and how well you can think.



MOCK

tech timetable

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

FRIDAY, OCTOBER 14

Chess club, 4 p.m., SU
IVCF, 5 p.m., AH conf. room

MONDAY, OCTOBER 17

Kiva, 10 p.m., Exec. conf. room

TUESDAY, OCTOBER 18

ASME, 1 p.m., 131MC
Delta Zeta, 1 p.m., 202MC
Hygiene lecture, 1 p.m., 115CB
IRE, 1 p.m., 108MC
Jazz club, 1 p.m., 103MC
Lutheran Students association, 1 p.m., 104MC
Optics and Astronomy club, 1 p.m., 102MC
Phi Eta Sigma, 1 p.m., IHC room (Chapin basement)
Pi Tau Sigma, 1 p.m., 3B2
IPC, 4 p.m., 103MC

WEDNESDAY, OCTOBER 19

SAM movies, 2 p.m., 131MC
Newman club, 5 p.m., 302M

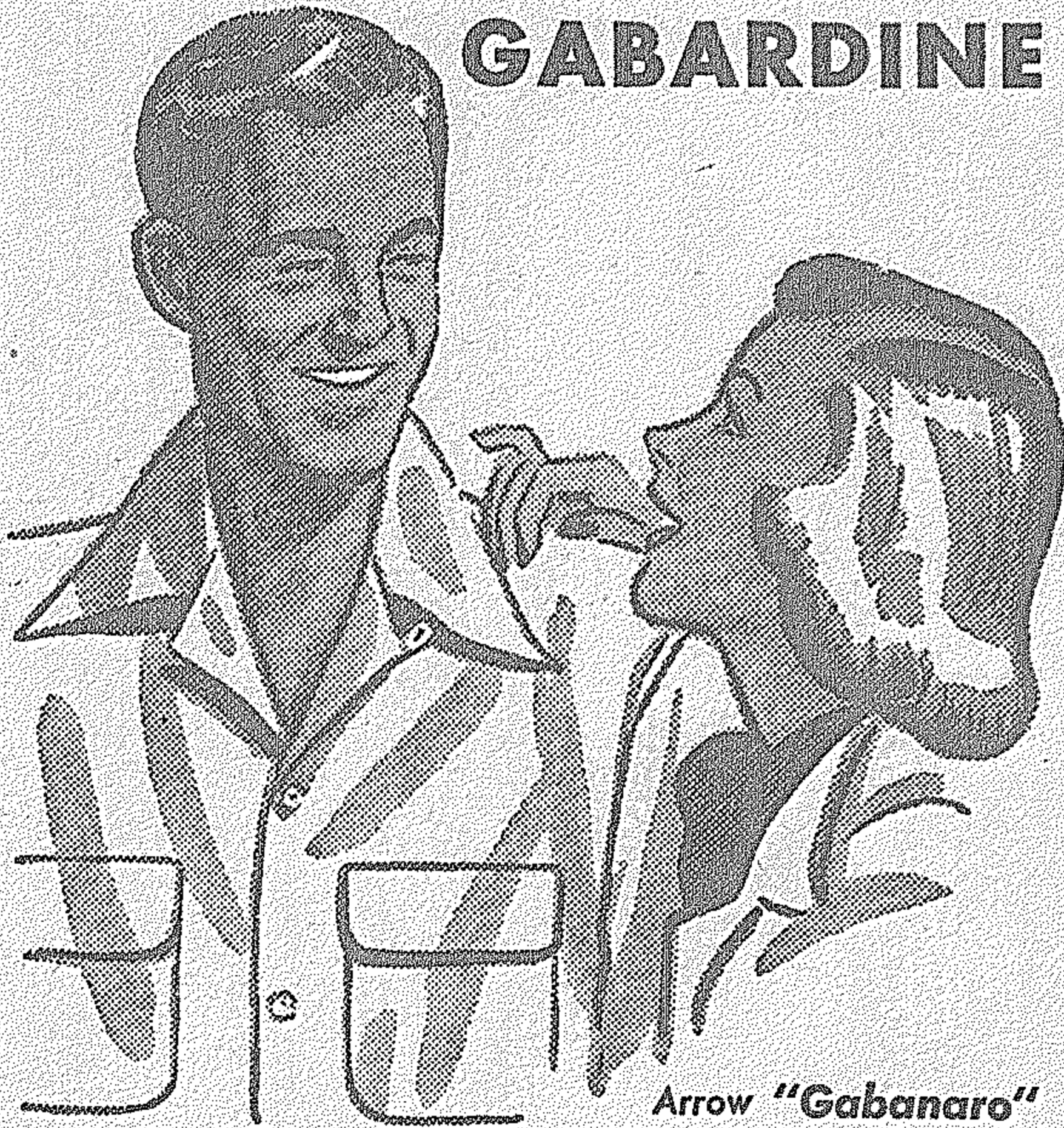
THURSDAY, OCTOBER 20

ASCE, 1 p.m., 115CB
Co-op club, 1 p.m., 108MC
Israel club, 1 p.m., 131MC
IVCF, 1 p.m., 105C
SAM movies, 6 p.m., 131MC

FRIDAY, OCTOBER 21

IVCF, 5 p.m., AH conf. room
Pi Tau Sigma, 6 p.m., NSU lounge

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FOR SALE: Pedigreed Doberman Pinscher pups, 9 weeks old. \$25. Wheaton 626R.

FOR SALE—1947 Pontiac sedanette, fully equipped, good condition, must sell. Call Yards 7-5717 daily 2-5 p.m.

APARTMENT—cozy, furnished, suitable for 3-4 persons; West side. VAN Buren 6-7731.

WANTED—Male student wanted to share apartment with two of same. Private bedroom. Phone VAN Buren 6-2983.

FOUND—Man's wrist watch, in chemistry building on Sept. 20, 1949. Owner may claim same at TECHNOLOGY NEWS office by paying for ad.

LOST: Zippo lighter in cafeteria October 10. Name: "J. C. Bowles." Keep-sake; belonged to my father. Will purchase another for finder. R. L. Hurst, Ext. 321.

Newman club begins talk series

The Newman club began its lecture series Wednesday with an oration on the "Proof of the Existence of God," delivered by Father McDonough, chaplain of the group. Future lectures are "Evolution," "Applying Christian Principles to Everyday Life," "Church and State," "Mercy Killings," "Suicide," "Eugenics," "Encyclicals on Labor," "Infallibility of the Pope" and the "Role of Women in the Modern World." The lectures are open to all students.

An off the campus dance sponsored by the club will be held October 29 at St. Paul's hall on 22nd place and Hoyne avenue.

News in Brief

Armour Research Foundation of Illinois Institute of Technology will receive the annual U. S. Camera Achievement award "for outstanding contribution to motion picture photography, amateur and professional."

The Foundation was notified that U. S. Camera magazine's board of judges has selected the organization because of its "contributions in the field of magnetic sound for motion pictures, both 16 and 8 mm applications."

Tau Beta Pi membership questionnaires will be made available to eligible engineering students who have been in attendance at Illinois Tech for at least two semesters. Eligible students are eighth

termers who have a grade point average of 2.00, seventh termers who have an average of 2.15, sixth termers with an average of 2.35, and fifth termers who have maintained an average of 2.65.

The second meeting of the ASME, scheduled for 1 p.m. Tuesday in 131 MC, will feature Richard Smirl, a transmission engineer at Borg-Warner. Mr. Smirl will talk on automatic transmission and will illustrate his talk by slides.

Gunnar Hoglund, director of Chicago's Hi-Crusader clubs, will be the main speaker at tonight's meeting of the Inter-Varsity Christian Fellowship in the Conference room on Alumni Hall's second floor.

2c OFF

Per gallon of gas sold to any IIT student, staff or faculty member—as well as a nickel discount on oil, and expert grease jobs at a dollar.

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