



CAMPAIGN PROMISES are studied by these students reading Tuesday's election special of Technology News.

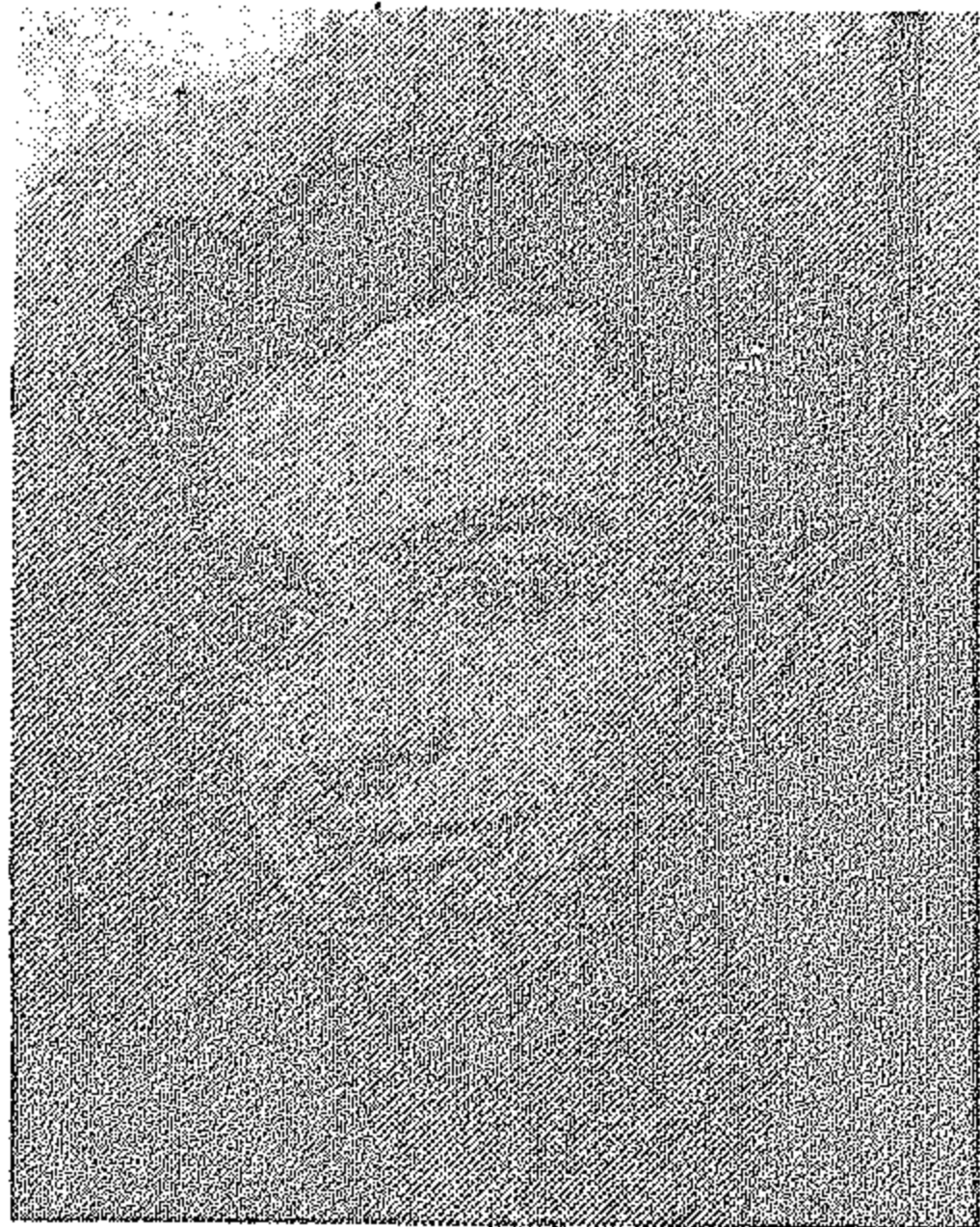
## Heavy returns sweep Wardell, Gleason to office

A closely contested 7th term election and heavy voting marked the first mid-year election under the revised class system of elections. Strong polling by the 7th and 1st terms brought 833 students to the polls in the East dining room of the NU, Wednesday and Thursday.

Richard N. Wardell, 3rd term MetE, won the Junior ITSA member-at-large office, after a dog-fight campaign against three other candidates. Wardell's 449 votes, after distribution of the 2nd choices on the ballots of the low men to the remaining candidates, topped Raymond J. Epich, freshman IE, by 121.

The vigorous, personal campaign of these two candidates was credited with bringing out a large vote in spite of the fact that only 1st, 2nd, 4th, and 6th termers were electing full slates of class officers.

Sixth term electors, 193 strong, showed independence in the voting by splitting parties for the 5 offices, 3 to 2 between the two tickets on the ballot. Thomas Gleason, IE, bellwether of his party triumphed over the EE candidate, Robert



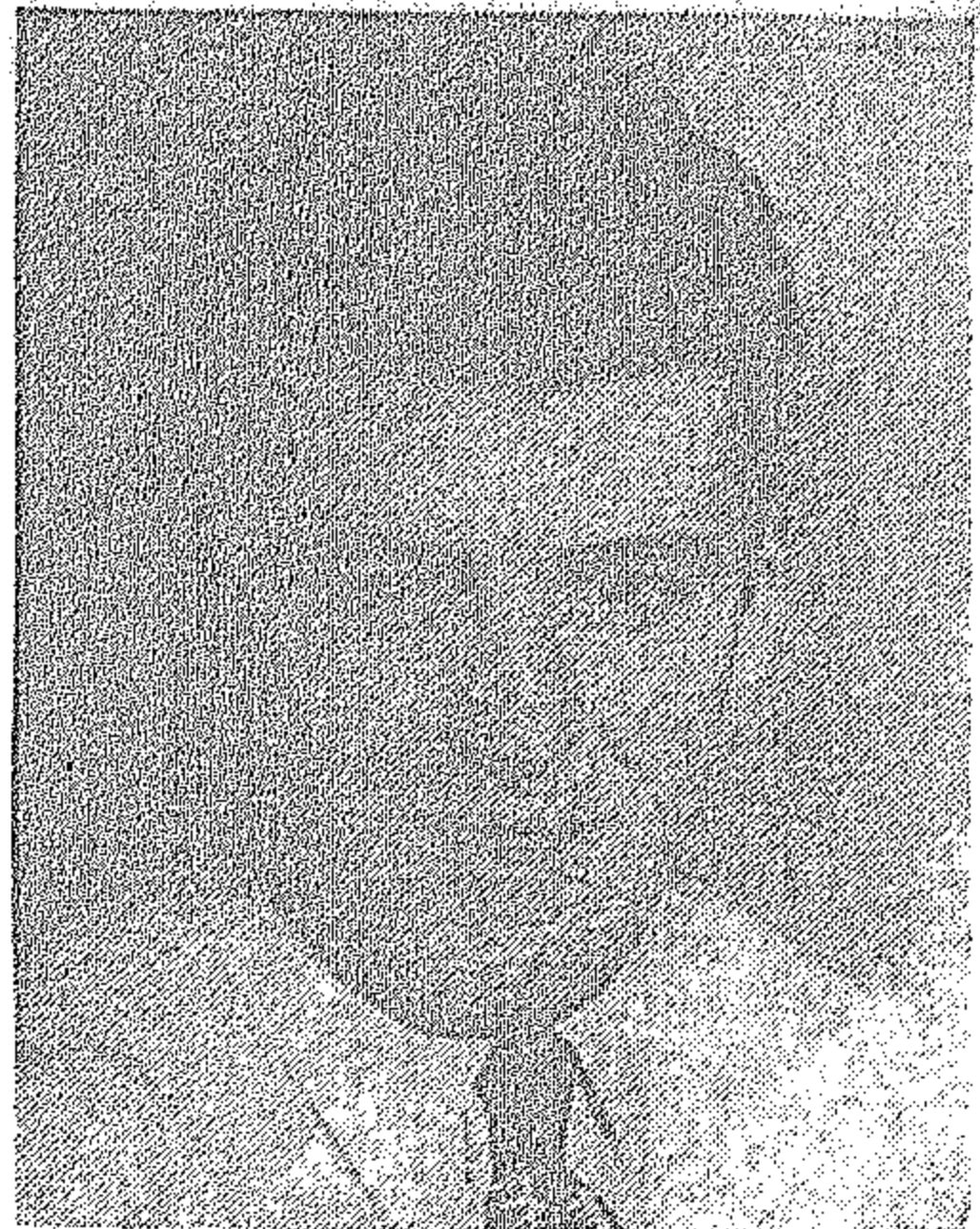
RICHARD N. WARDELL

Karlicek and Marks Levy, CE, in the presidential race.

Leonard Chmel, EE, squeaked out the narrowest victory in the

election, 79 votes to opponent Roy Aiken's 77. Tabulation of second choice votes on third candidate Alan Plait's ballots swung the election to Chmel.

C. T. Volpe, ME, edged EE Gene Josephsen for treasurer, Ralph Johnson EE, beat Bertram Sahli, ME, for secretary, and S. C. Johnson, IE, won over H. Peter Stein, EE, for social chairman, in the other returns. Fifty-three per cent of the class voted.



THOMAS GLEASON

Fourth term voters reelected Norm Katz, CE, president, and elected three members of his ticket, Roy Gundersen, MetE, vice-president, Richard Murphy, CE, treasurer, and Al Johnson, MetE, secretary. Bernie Marshfield, IE, was uncontested for social chairman. Voting was light with only 36 per cent of the class participating, a slight drop from last year.

## APO seeks used texts for book exchange

The student book exchange will swing into operation Monday, Alpha Phi Omega announced today. The clearing house for the exchange during its second semester of existence will be 207 North Union, adjoining the auditorium. APO volunteers will be on duty from 12 to 1 Monday through Wednesday and again from 11 to 2 throughout the week of registration.

Following the procedure set up last year, the seller will set the price of his book and leave it on display in the exchange office, giving prospective buyers the opportunity to examine it. Proceeds from the sale of the book will be turned over entirely to the seller. APO makes no charge for the service.

APO does not attempt to set the selling

price or adjust it while the book is deposited with the exchange. Non-sellable books will be returned to the owner soon after the beginning of the spring semester when the book exchange closes down.

"Success of the venture depends on widespread student cooperation. In order to be of real value, a thorough selection of textbooks for all courses must be available," Leonard Inc, head of the book exchange stated.

"Unless sellers outnumber buyers the exchange will not fulfill its potential promise of cheaper book prices and cash for old books," he warned. Heaviest buying action at the exchange is expected during the week of registration.

# TECHNOLOGY NEWS

Volume 49, No. 14

Illinois Institute of Technology, Chicago 16, Illinois

January 13, 1950

## Second Tech art show features Liberi oils

Sixteen oil paintings by 31-year-old Brooklyn artist Ugo Liberi will be on exhibit at Illinois Tech from January 10 through 21. The exhibition is being held in the third floor lounge of the North Union.

## AIEE plans field trip and banquet

The Chicago chapter of the AIEE will sponsor its annual Young Engineer's day field trip and Student Nite dinner on Thursday, Jan. 26.

The field trip will be a tour through departments of the Hawthorne plant of Western Electric company. It will start at 12:30 and continue through 4:30. The group then will go downtown to the Western Society of Engineers building at 84 East Randolph street where the banquet will be held. After the dinner, Mr. E. C. Koerber, research administrator of the A. O. Smith corporation of Milwaukee, Wisconsin, will give a talk on "Success Factors in Professional Advancement."

Registration for the field trip and for the dinner may be made with Miss Banny in 303P. The dinner will cost each student one dollar if he signs up before this Friday. Later, he will have to pay the full \$2.75. (The Chicago chapter is paying \$1.75 for each student.) Anyone going on the field trip only must leave a deposit of 25 cents when registering; it will be returned at the plant ONLY. Reservations are limited to 90.

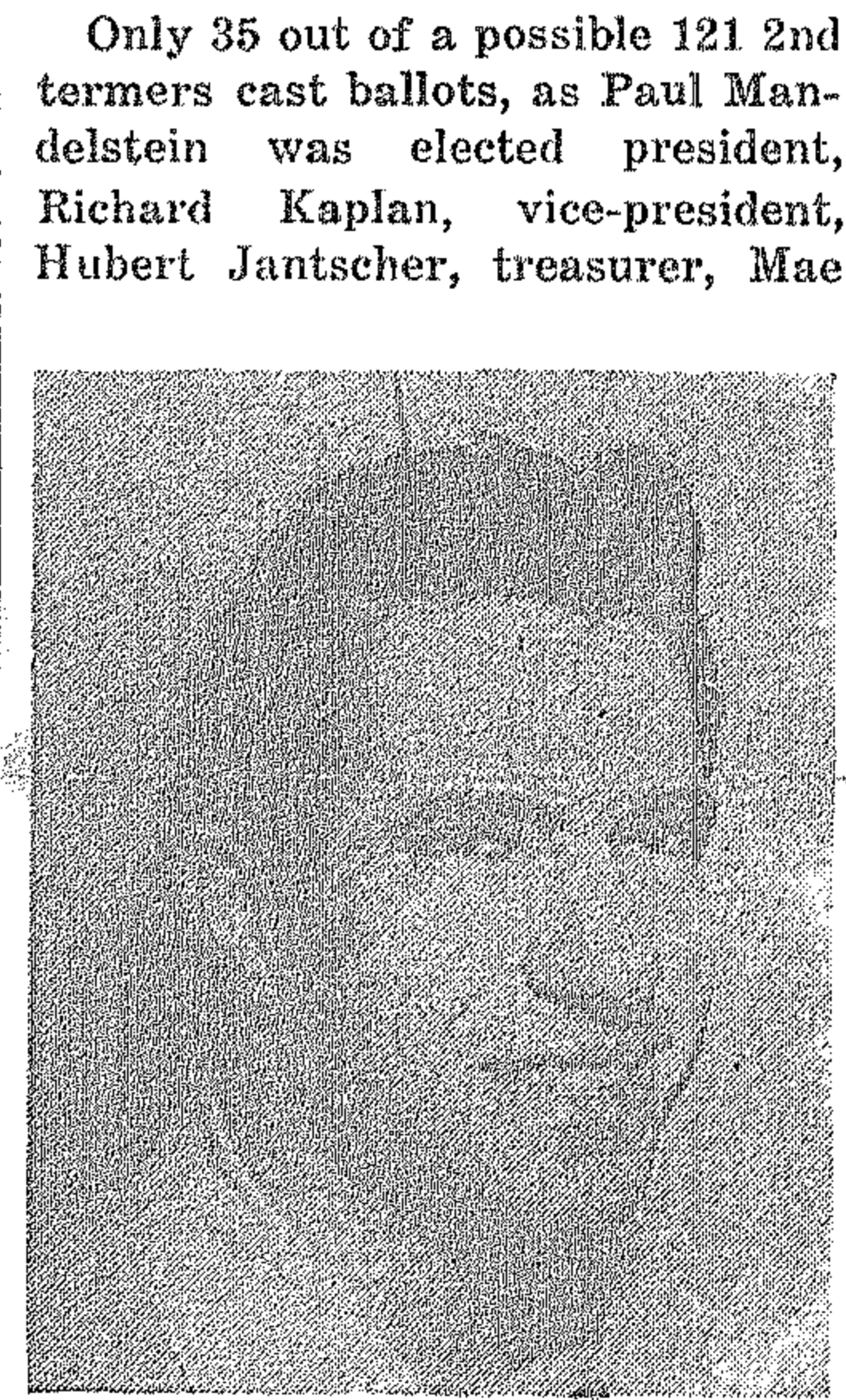
Liberi has previously exhibited at the Brooklyn Museum and in other group shows since 1941 but the Illinois Tech showing is the first Mid-West exhibit of his work. He was represented by a one-man exhibition in the Norlyst Gallery in New York in 1948.

Not a cubist or surrealist, Liberi is a contemporary painter in the objective manner and a portraitist whose works are included in many private collections.

The exhibition is the second in a series of six art presentations scheduled for showing on the Illinois Tech campus. The selections were made by a committee of faculty and students headed by John F. White, dean of engineering.

The next exhibition in the art series, which is designed to encourage appreciation and cultivate interest in art in the engineering college, will be the Daumier collection of prints. Professor Howard P. Vincent, head of the department of language and literature, is owner of the collection. They will be on display from February 20 to March 11.

Like the exhibition of sculptor Egon Wiener which preceded them, the sixteen Liberi paintings have attracted large crowds of students and guests. A program with exhibition explanations is available at the showing or may be obtained from the Dean of Students office.



NORMAN KATZ

Chakinis, secretary, and Enid Levy, social chairman. All offices except president were uncontested.

The campus Independents, headed by Art Rozema presidential candidate, dominated the returns of the 1st term freshmen class. Independent Jerry Dowling, Phys., and R. Jakubowski, EE, won narrow victories for vice-president and treasurer, respectively, in straight party voting. The WFSRG captured the other two posts with Jeanette Saule, Biol., secretary, and David Giuntoli, BE, social chairman.

(See RESULTS on page 2)

## Campus Players hold tryouts for new play Tuesday

Tryouts for parts in a one-act play to be presented by the Campus Players during the second week in May will be held Tuesday in the NU auditorium. There will be two sessions, one at 1 p.m. and the other at 5 p.m. in order to make it possible for everyone who is interested to attend one of the sessions.

Tomorrow afternoon a student director will be selected by a committee and this director will choose his cast next Tuesday for the play he has chosen to direct. Rehearsals will begin during the first week of the new semester.

## TFU takes over films

Looks like movies are here to stay. And by "here" is meant right on the campus. Technology Film Unit, a new organization, has been formed to provide an expanded program of fine motion pictures for Tech Center audiences.

The executive committee of the Society for Advancement of Management, in relinquishing control over the film program, indicated that the greatest potentialities of the project could best be realized by an independent group specializing in this field.

"We've discovered the type of film fare which Tech Center people want," Wally Conniff, spokesman for TFU, declared. "We shall bring such material down here for all to see."

Having already scheduled a series of outstanding features for weekly showing next semester, TFU plans to make available asso-

ciate memberships at a flat price of one dollar for seven film-meetings.

Nucleus for the unit will be a number of Techawks who have had experience in similar programs elsewhere. Included are Johnnie Best, Ivan Farkas, Vernon Keenan, Warren Lieb, and Tom Murray.

Descriptive literature with details of TFU services will be distributed during the vacation. During registration, a membership table will be manned in a convenient location. First in next semester's screen cycle will be the ribald comedy hit, "Fric Frac," starring Fernandel.



Merry Quizmas!



## News in Brief

The American Institute of Mining and Metallurgical Engineers will hold the initial meeting of a series featuring outside speakers Tuesday at 4 p.m. in 131MC. Following movies describing the various phases of steel making, Mr. T. S. Washburn, chairman of AIMME, and Mr. G. L. Plimpton of Inland Steel will conduct a discussion of job opportunities in the steel industry.

Students eligible for benefits under the student insurance program for injuries or illness sustained during the Christmas recess should advise Dr. Hoesley immediately. He may be contacted at the medical office.

Special student-rate tickets for the Friday afternoon performances at Orchestra Hall may be obtained from Lois Ericson at the dean of students office. Requests for tickets must be made at least a week in advance.

Preregistration for interviews with companies interviewing at IIT will be held at the placement office, 223MC, from now until February 12 to enable June graduates to have priorities with the companies in the event of limited interview time. The seniors are also cautioned to turn their interview forms complete with pictures in to the office before interviewing begins.

## Here are the official election voting tallies

ITS A JUNIOR MEMBER-AT-LARGE		FIFTH TERM		SOCIAL CHAIRMAN—	
Richard N. Wardell .....		PRESIDENT—		Enid Levy .....	
Jerry Kunnath .....		Sonny Mann .....		33	
Raymond J. Epich .....		Norman Katz .....		52	
Alfred Siede .....		VICE-PRESIDENT—		SECOND TERM	
132		Harry Pearson .....		PRESIDENT—	
SEVENTH TERM		Roy Gundersen .....		Bill Wechter .....	
PRESIDENT—		TREASURER—		John Di Francesco .....	
Thomas Gleason .....		William Klein .....		53	
Robert Karlicek .....		Richard Murphy .....		101	
Marks Levy .....		SECRETARY—		VICE-PRESIDENT—	
71		Richard Peterson .....		Hanny Fanzol .....	
VICE-PRESIDENT—		C. A. Johnson .....		Charles B. Arterburn .....	
Roy Alkin .....		SOCIAL CHAIRMAN—		J. Dowling .....	
Leonard Chemi .....		Bernie Marshfield .....		93	
Alan Plait .....		THIRD TERM		49	
41		PRESIDENT—		TREASURER—	
TREASURER—		Julian Feldman .....		George Roberson .....	
C. T. Volpe .....		Paul Mandelstein .....		Walter L. Sands .....	
Gene Josephsen .....		VICE-PRESIDENT—		R. A. Jakubowski .....	
81		Richard Kaplan .....		101	
76		TREASURER—		SECRETARY—	
SECRETARY—		Hubert Jantscher .....		Jeanette Saule .....	
Betram Sahli .....		34		Paul Postak .....	
Ralph Johnson .....		SOCIAL CHAIRMAN—		127	
60		Frank Unmak .....		61	
97		David Giuntoli .....		SOCIAL CHAIRMAN—	
SOCIAL CHAIRMAN—		SECRETARY—		Gilbert Eisner .....	
S. C. Johnson .....		Mae Chakinis .....		78	
H. Peter Stein .....		34		Mary Schwagerman .....	
52				25	

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and Universities throughout

the country CHESTERFIELD is

the largest-selling cigarette.\*

PATRICIA NEAL

Lovely Northwestern Alumna, says:

"I've always preferred Chesterfields and I'm sure I always shall. They're much Milder."

Patricia Neal

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"HASTY HEART"  
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They're Milder! They're TOPS! - IN AMERICA'S COLLEGES  
WITH THE TOP MEN IN SPORTS  
WITH THE HOLLYWOOD STARS



# We'll miss Leal

Last respects were paid Monday to Donald F. Leal, seventh term EE. Over fifty of his classmates attended his funeral in Maywood. Of his pallbearers, three were presidents and fellow officers of Tau Beta Pi, Eta Kappa Nu and the American Institute of Electrical Engineers student chapters.

Don was born on October 19, 1918 and died on January 4, 1950. He attended the Proviso Township High school, becoming an honor student. For five years he served in the army, attaining the rank of first sergeant in the "Red Arrow" infantry division which served in Japan and the Philippines.

Entering Illinois Tech in September 1946, Don began earning high grades and the admiration of his fellow students. He was named the Outstanding Sophomore EE in



DON LEAL

his fourth semester. Election to the engineering honoraries Tau Beta Pi and Eta Kappa Nu followed in his fifth semester.

According to a statement by Joseph J. Pope, TBP president, "He immediately took an active part in chapter affairs, doing committee work first and then taking over the office of Recording Secretary this semester. He was an efficient and hard working secretary. We in Tau Beta Pi are going to miss him."

## tech timetable

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

### FRIDAY, JANUARY 13

Chess club, 4 p.m., SU lounge  
Dean's Hoer-de-Cafe, 4 p.m., Exec. conf. room

### MONDAY, JANUARY 16

ACSA, 4 p.m., Dean's conf. room  
Alpha Chi Sigma, 5 p.m., 108MC  
Radio club, 6 p.m., 201M

### TUESDAY, JANUARY 17

Delta Zeta, 1 p.m., 202MC  
Home Ec. club, 1 p.m., NU aud.  
IHC, 1 p.m., IHC Council room  
Model Airplane club, 1 p.m., 102C  
AIME, 4 p.m., 131MC  
ARF Chemistry department, 5 p.m., Exec. conf. room

### WEDNESDAY, JANUARY 18

ARF chorus, 12 noon, NU aud.  
SAM movies, 2-4 and 4-6 p.m., 131MC  
Chemical Engineering department, 6 p.m., Exec. conf. room

### THURSDAY, JANUARY 19

Co-op club, 1 p.m., 108MC  
SAM movies, 6-8 and 8-10 p.m., 131MC

George Schlosser, HKN president told of a similar devotion Don had for committee work in that organization.

Frank Roubik, chairman of AIEE, lauded Don's conscientious work as chapter treasurer and praised his personal character:

"Once in a great while, we have the opportunity of meeting a man who has none of our common faults. . . Firm in his beliefs, yet with his unassuming and cordial ways, he was always willing to yield and co-operate for the benefit of all."

Al Hawkes, president of IRE, paid Don a high personal tribute:

"If I live until I am crowned with grayness, I shall never accomplish as much in my own eyes as did Don Leal of the short thirty-one years. He lived as an ideal to me; in death his remembrance will provide proof that fine people do exist."

As suggested by Frank Roubik, the following words of Sheridan might well summarize the memorial statements about Don Leal:

"The worthiness of life should be measured by deeds, not years."

## Chicago ASME has dinner meet

Senior mechanical engineering students from Northwestern and IIT and members of the Chicago section of the national society were guests of the American Society of Mechanical Engineers Tuesday evening.

Following a dinner in the North Union, Dr. Henry T. Heald introduced the speaker of the evening, James D. Cunningham, newly elected chairman of the national society and chairman of IIT's Board of Trustees. Mr. Cunningham spoke on the application of engineering education to everyday social thinking.

## Class of '50

HERE'S A HELPING HAND TO GET THAT POSITION IN:

CHEMICAL ENGINEERING  
ELECTRICAL ENGINEERING  
COMMUNICATIONS  
MECH. ENGINEERING  
PHYSICS  
AND GENERAL SCIENCE  
POSITIONS

POSITIONS AVAILABLE IN  
OPERATIONS, SALES, AND  
RESEARCH TRAINING  
PROGRAMS

CENTURY EMPLOYMENT  
SERVICE

30 E. ADAMS  
STATE 2-0980

# Pshaw wit crackles for reporter

By Henry Holmes

Ever since my plane set me down in the foggy British Isles, I had felt like a crouton in a bowl of NU cafeteria pea soup. However, as I plodded across the moor to the reclusive mansion of George Bernard Pshaw, I had no regrets about spending my Yule vacation on this assignment.

Told that a representative of the fourth estate was in waiting, the great man of letters snarled:

"Another foe of rhetoric! This world is not pest-ridden, it's press-ridden. Throw him out."

As I turned to leave, Pshaw spied the carrot with which I had thoughtfully equipped myself en route. "Young man, is that gigantic carrot intended as a bribe for me?" So began the interview.

"Mr. Pshaw, to what do you attribute your greatness? I mean, what do you think . . ."

"That's just it—few people think more than two or three times a year. I have made an international reputation for myself by thinking once or twice a week."

GB appeared interested in IIT. "I haven't been down to the Mission since I left my post as professor of literature there and abandoned the hopeless task of civilizing poor, benighted engineers."

"Too many men go through college," he averred, "without any college going through them. Education begins at the moment of conception. Any child is potentially smarter than his parents," Pshaw

argued. "Otherwise he'd never exist."

"Love—it's the delusion that one woman differs from another," Pshaw was vehement now. "Marriage, on the other



G. B. PSRAW

hand, occurs because women, deceived by men, know of no better way of getting lasting revenge."

This theory so intrigued me that

I invited the great playwright to revisit Illinois Tech and speak at a meeting of Technology Film Unit.

"Why," he snorted, "motion pictures are a device for taking a bad novel and worsening it. The only way to make modern literature great is to write it in a dead language—so that no one will be able to read it."

"Anyway," he remarked, looking at his watch, "I can't make it back to the Mission before 1967. Every minute of my time is planned for the next 17 years. As a matter of fact," he said, turning away, "I must go out and pluck my salad for the evening meal."

## Classified Ads

Call Ext. 404

APT. TO SHARE—Will share apt. with bachelor male student. Call Dave Westbrook, South Shore 8-1010.

ADMIRAL PHONO-RADIO — Walnut console \$50.00; pair new blonde end tables. GR 6-1452.

## NEW career opportunities for you in the U. S. AIR FORCE as an

# OFFICER AND NAVIGATOR



In this era of long range flights, the role of the navigator has become increasingly important.

The U. S. Air Force now offers new opportunities to young college

men between the ages of 20 and 26½ who are single and can qualify for such training.

If you can meet the high physical and educational standards (at least two years of college), and are selected, you can be among the first to attend the new one-year navigator training course at Ellington Air Force Base near Houston, Texas.

A new class begins each month!

You'll be an Aviation Cadet! And, you'll receive the best available training—including 184 hours in the new T-29 "Flying Classroom."

Then, graduation! You'll win your wings as a navigator . . . and a commission as a Second Lieutenant in the Air Force. After a 30-day leave with pay, you'll be ready for challenging assignments as navigator with one of the famous commands in the U. S. Air Force. Your office will be the "front office" of mighty bombers or long-range transports!

Be among the first to win your wings as a U. S. Air Force navigator under the new navigator training program—be a key man on the Air Force team!



Air Force officer procurement teams are visiting many colleges and universities to explain these career opportunities. Watch for their arrival—or get full details at your nearest Air Force Base, U. S. Army and U. S. Air Force Recruiting Station, or by writing to the Chief of Staff, U. S. Air Force, Attention: Aviation Cadet Branch, Washington 25, D. C.

# 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.

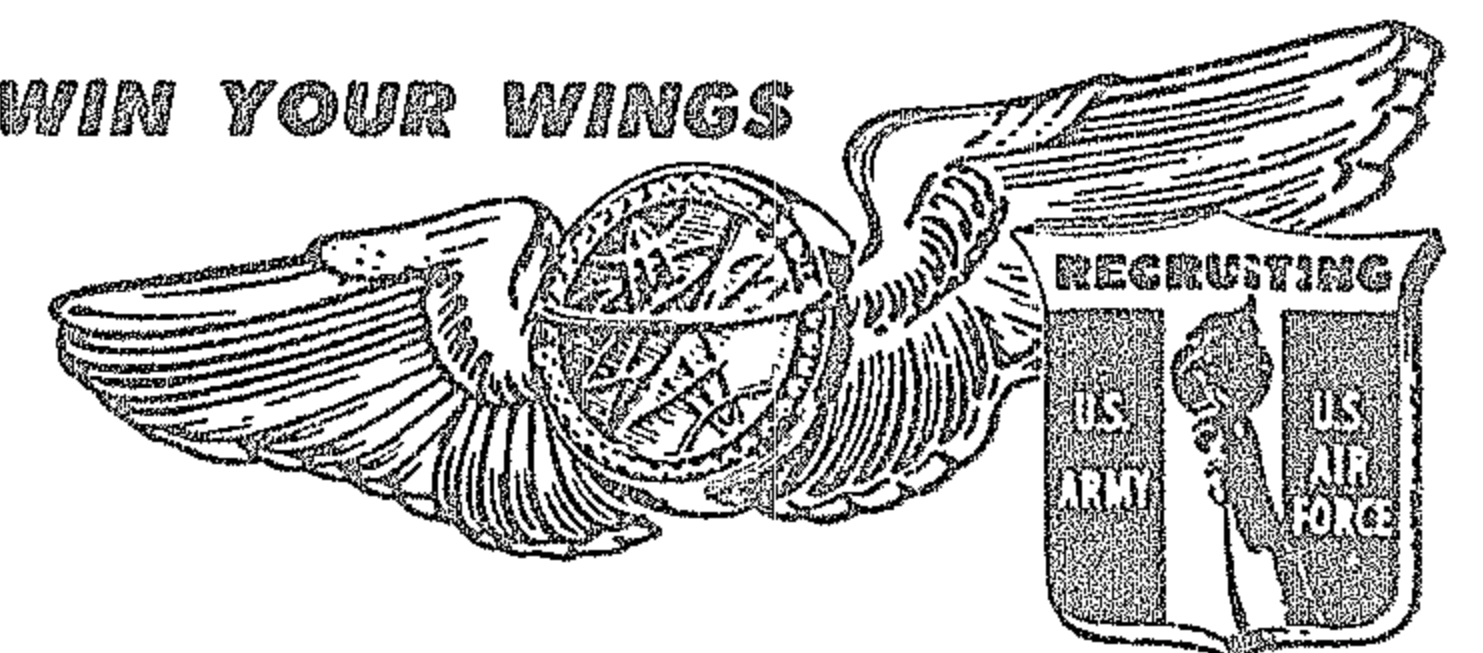
JOE PASIK'S TEXACO SERVICE  
29TH AND WABASH

P.S.—Just say "Illinois Tech"

## Other Flying, Non-Flying Careers

Aviation Cadet pilot training is also available to young men between the ages of 20 and 26 1/2. See about the many nonflying assignments, too! Never before in peacetime has there been such a good opportunity for college-trained men and women to obtain regular commissions in the United States Air Force.

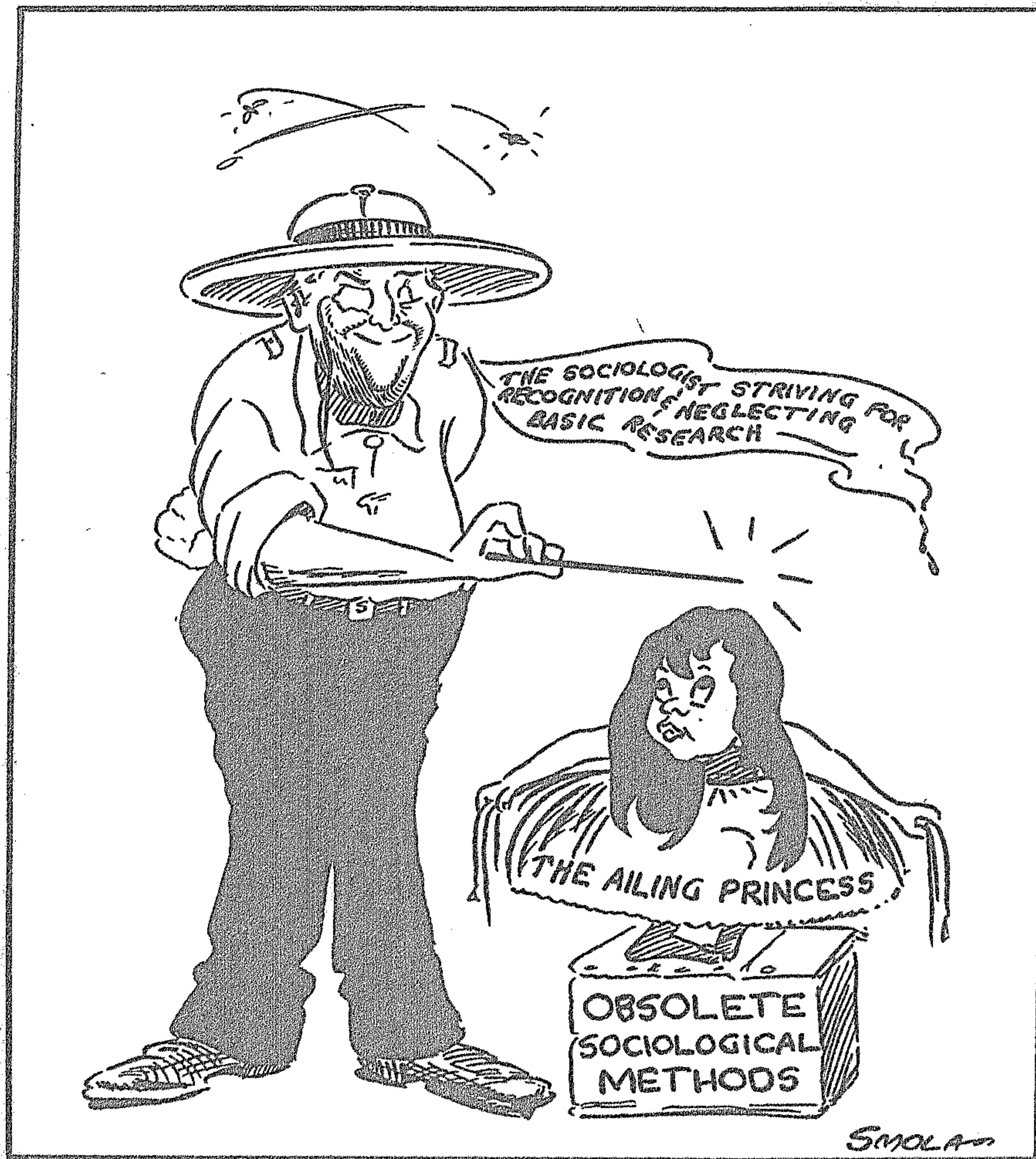
## WIN YOUR WINGS



U. S. AIR FORCE

ONLY THE BEST CAN BE  
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## Conventional sociology for students revamped

Fiction often uses the episode in which a missionary or doctor from civilization works among a primitive people. His efforts to apply scientific methods to their habits of living usually meet with distrust and suspicion. Then the local princess gets sick. Witch doctors are of no avail. As a last hope, the tribe turns to the strange man with the strange methods. If he heals her, the superiority of his "magic" is proved and his mission has a chance of success. If he doesn't he is taken to the stake or to the cooking pot.

The sociologist in America often considers himself as being in the same position. He is regarded with distrust and suspicion. Any success he may have in chaotic situations paves the way for the pursuit of his mission, the scientific study of human relations. Failures win him the figurative cooking pot and ridicule of his ideas.

This situation has tended to make the sociologist feel constantly in need of "proving" his theories workable. The distrustful attitude of the world has forced him to neglect teaching elementary facts about sociology as they are known and has discouraged basic sociological research.

Happily, this role is becoming obsolete. At Illinois Tech, I have not found is necessary to "sell" sociology at all. Students and faculty, generally, realize that one can be scientific about anything, including society and personality. They are keenly aware of the growing gap between mechanical changes and the social adjustments that must be made to such changes. They know that the social sciences have to offer some of the knowledge and technique that will help narrow this gap. The Techawk doesn't have to be "sold" on social science. He looks to social science courses, rather for the vitally important facts about the social worlds in which he lives and for the effective ways of understanding and dealing with these facts.

The political and social science staff of IIT has lately revised the sociology curriculum; abandoning some of the conventional courses which gained a foothold in sociology curricula during the years when sociology was trying

to "sell" itself. They have been replaced by courses designed to fill the particular needs of Tech students for training in sociology. The revised sociology curriculum at IIT includes 13 courses. Seven of these relate to specific problem areas with which Tech students are likely to be confronted in the course of their specific careers. The other six courses are of more general relevance, since whatever their careers, all Tech students will be confronted with the problem of dealing intelligently with human relationships.

A. Biderman

## TECHNOLOGY NEWS

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## Cooperate in job programs for students

Placement is still a problem at Illinois Tech. It is not the same problem that it was a year ago or even at the beginning of this term. Since lethargy has been replaced by accelerated interest in placement, two new difficulties have developed.

First, placement as such has become confused with vocational guidance work. In their efforts to do something, many have delved beyond the realm of what is strictly placement. That is, many organizations are going beyond the scope of employment problems but are actually investigating vocational guidance fields.

Underclassmen who could well benefit by whatever guidance resources are made available, lose out because guidance programs are labelled "placement." Placement and underclassmen are seldom considered in the same breath.

Second, more difficulties occur when separate groups are in unknowing competition. It has already happened that an honorary and a professional society have been in the unpleasant situation where both had planned and invested in the same literature distribution campaign.

What I mean to do is to throw a challenge to the student government and/or the administration. Some responsible party should step up and coordinate all the scattered placement programs.

Furthermore, they should clearly define placement as compared to vocational guidance. Underclassmen should be included in what is now a senior activity. The senior year is too late to improve a poor college record. They should know the score from the start.

Above all, there is a definite need to replace competition by cooperation. The honoraries, professional societies, and class committees all have good ideas. Why shouldn't they share them and pull together? Let's stop competition among ourselves.

Hal Bergen

## as I see IT

By ED MICHELIC

A BACKWARD GLANCE at a dozen editorials still leaves me apprehensive before sitting down to write my opinions. Bacon once said "Writing maketh an exact man." It may not be true that one becomes exact, but he certainly tends to become more careful. If he isn't careful, someone better informed than he is may be likely to rudely enlighten him.

I felt I did a particularly good job of editorializing one week trying to get



engineers to work on social problems. Evidently, I oversimplified things and discredited present attempts at social progress, for a sarcastic reply came back from a reader at the University of Chicago. He flung some of

my very phrases back in my face, inviting me to unsheathe my slide rule and grind out a few good formulas to solve the race problem he was interested in. I'm sorry I didn't print it now, both you and I would have benefited by his discussion. Anyway, I sent him a Christmas card.

Whenever I feel the least bit dogmatic, now, I yank out this fellow's letter and wonder how deep in a groove my thinking has become. I am better aware now that social principles are not just "ground out." More difficult than even considering principles is coming to terms; look how the definition of "democracy" is handled nowadays, just for an example.

Perhaps courses like sociology will allow us to approach some of these problems in a general way. I offer as a number one rule of thumb the following sociological proposition: People tend to read and listen to argument and facts that reinforce the particular prejudices they have and not to hear contrary arguments or facts that may change their opinions. This I offer from my own experience.

## Slipstick

A medical student who had been at a big party until 5 a.m. sat in class trying to pass an exam. He had a tough time with the first question: "Name five reasons why mother's milk is better than cow's milk." After much thought he wrote:

1. It's fresher.
2. It's cleaner.
3. The cats can't get to it.
4. It's easier to take on a picnic.
5. It comes in such cute containers.

Woman: "Desk Clerk, there's a rat in my room."

Hotel Desk Clerk: "Make him come down and register."

"It must be awful to live the lonely life of a bachelor."

"You said it. There's only one thing worse than being a bachelor, and that's being a bachelor's son."

A prominent bishop sat in a box in the opera house awaiting the curtain and watching the fair ladies in low-cut gowns being ushered to their seats. After looking around the house with opera glasses, one of the ladies in the party said, "Honestly, bishop, did you ever see anything like it in your life?"

"Never," gravely replied the bishop, "never, since I was weaned."

"Well, my little man, do you have a fairy godfather?"

"No, but I have an uncle of whom we're a little suspicious."

Then there was the Chinese boy who had a Yen for it.

"Do you like bathing beauties?"  
"I don't know, I've never bathed one."

Little Ann, whose father was absent from home most of the time for business reasons, naturally became very much attached to her mother. When an aunt tried to encourage the child to show more affection for her father Ann explained, "Well, I am related to mama by birth and to daddy just by marriage."

He: "You look like a million dollars."  
She: "Yes, and I'm just as hard to make."

From the Chemistry department comes the word that the first alcohol was distilled in Arabia—which might partially explain those nights.

"They must have a girl's ball team in the harem."

"What makes you think so?"

"I just heard one of the girls ask the Sultan if she was in tomorrow's lineup."

Mother, are there any skyscrapers in heaven?

No, son, Civils build skyscrapers.

Nowadays the last thing a girl bothers to hide is her hide."

When a guy claims his gal is cold, he should remember so is dynamite until you start fooling around.

Carbolic Gussie



## No eraser speedy enough; Menger's is custom built

By Alan Plait

Meet the instructor that can fill a blackboard and erase it faster than anyone on campus—Karl Menger, professor in the Mathematics department. As he paced nervously back and forth in front of the boards in the MC auditorium, students in the first ten rows, attending his lectures before Christmas, could hear Dr. Menger muttering about the inadequacy of standard erasers. This has all been changed, however. "Santa Claus was good to you this year," exclaimed the ecstatic calculus wizard as he proudly wiped the board clean with a monstrous chemically treated eraser. "He has left me this eraser in my stocking," he explained.

Dr. Menger's clothes do not seem to keep a press very long. Due to his extreme exertions at the blackboard, even the creases in his suit develop curves. His ties are never a distinctive part of his dress, but one day last week he seemed to be at a loss all day and his students firmly believed that it was because he had forgotten to wear one.

Dr. Menger received his Ph.D. from the University of Vienna in his native Austria and was made a professor in 1927.

In 1930, Dr. Menger came to the United States as a guest lecturer. During the year that he was here, he spent "a memorable New Year's Day with the internationally famous mathematician, E. H. Moore." On his return, he went westward to Japan, and thence home to the dark Austria of 1932. In 1936, Notre Dame sent him an attractive offer, and the doctor packed once again, this time taking his recently acquired family with him. After one year at the university he was made chairman of the mathematics department. During the war he was in charge of the mathematics training of the second largest group of Navy V-12 students in

the country. Chicago and IIT attracted Dr. Menger in 1946 and he came here to live as a permanent resident.

Ever since his arrival in this country the professor has been prolific in more ways than one. Last year, for example, he had eight books and articles for mathematic journals published, including a contribution to the book, "Einstein, Philosopher Scientist." Almost every student of third semester standing or higher is acquainted with his "The Concept of a Function."

With his advent at IIT, the doctor has had less administrative duties and more time to devote to his first love, the theory of curves and dimensions. He is the proponent of the profound Universal curve, which resembles a cube with a lot of holes in it. The theory holds that a curve of any dimension can be made a part of the Universal curve. "It is so simple you can work it almost without pencil and paper." (That's all right, I don't understand it either.)

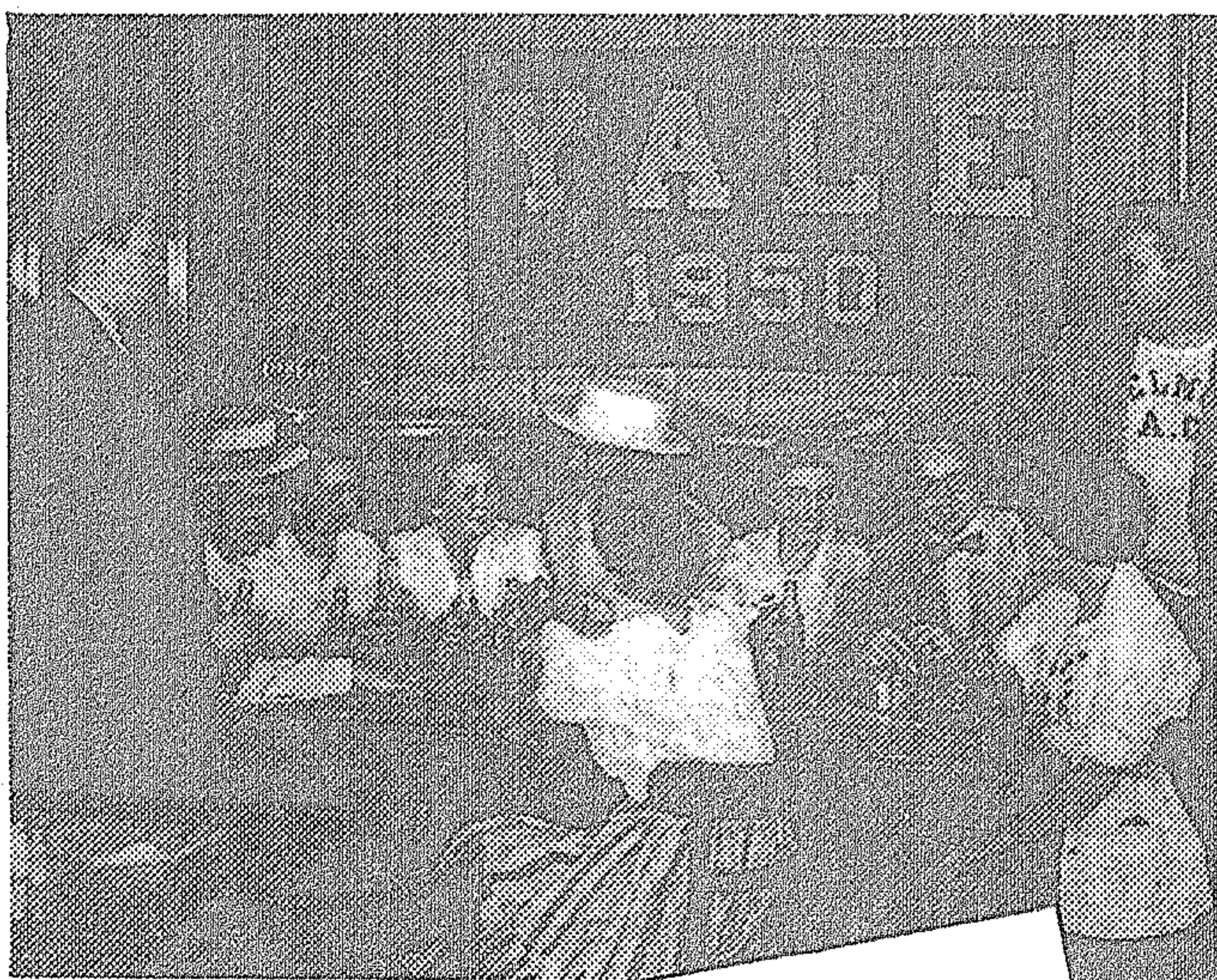
It is in the classroom, however, that the professor really shines through the student. It is reported that Dr. Menger is ambidextrous. Some rabid students claim that, as he paces in front of the blackboards, he writes going in both directions. When this writer attended his calculus class, he could have sworn that this was the case, but his hand is quicker than my eye. So, as the professor would say, "Und dot iss dot."

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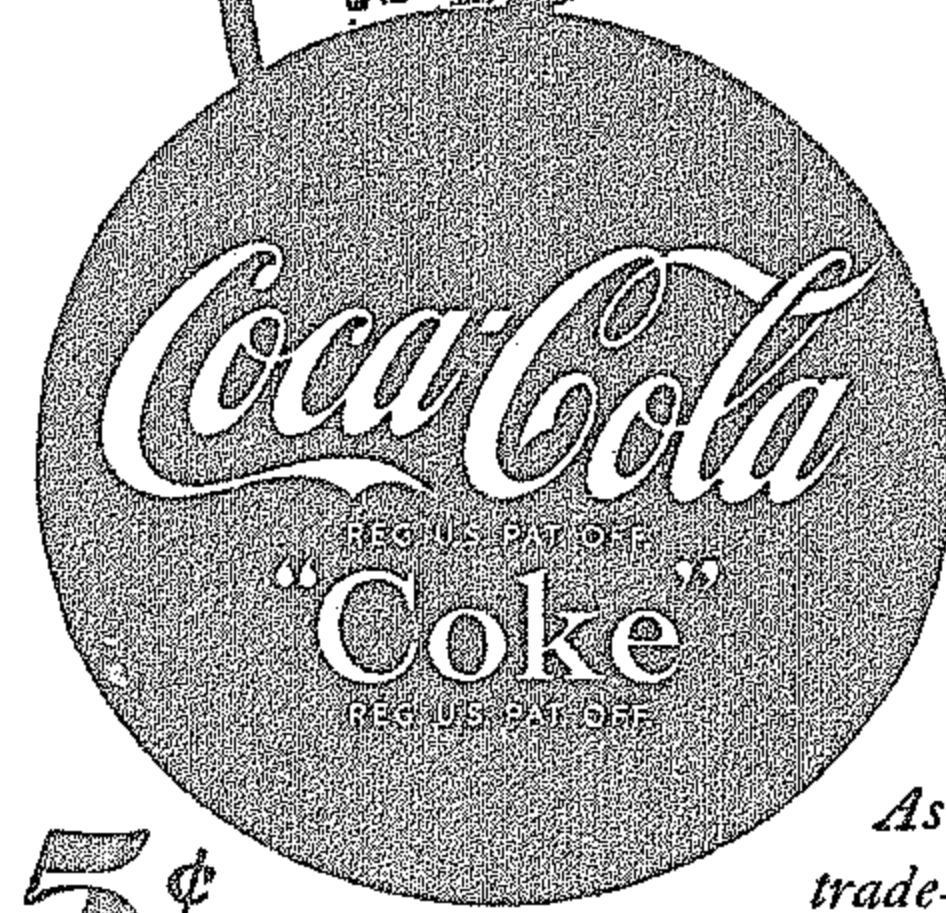
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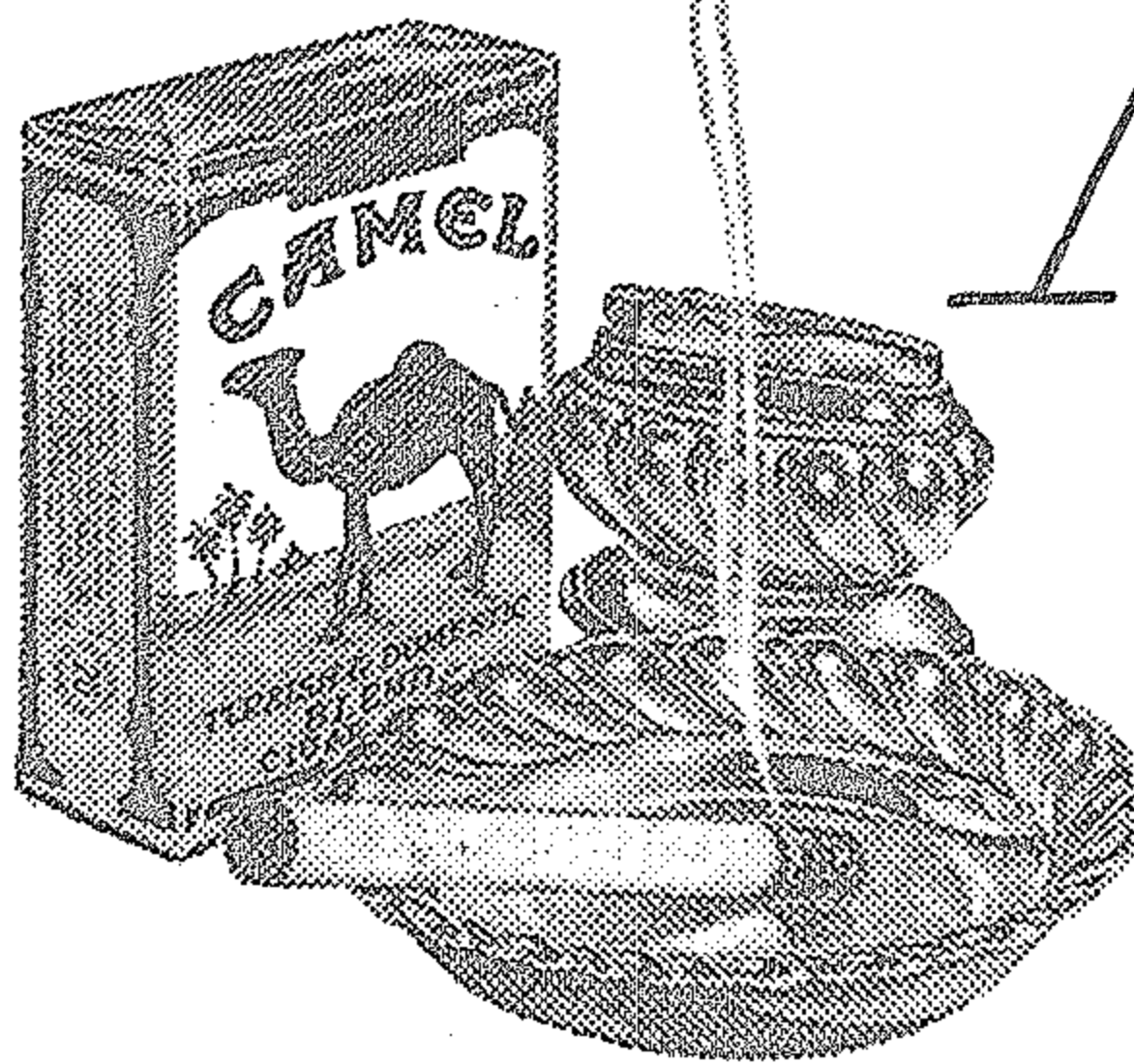
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# Glancy, Scalamera hash over new rules

By Ed Jennings

"... less than two minutes to play, we're behind by two points and our opponents have the ball; one of our kids fouls and what happens... whether the free throw is made or not, the other team automatically gets possession of the ball. Where, may I ask is the logic in this?" Thus spoke Ed Glancy, Tech cage mentor, when asked his opinion of the new two minute edict in basketball.

Glancy continued with, "... under this new rule, a team is doubly penalized for fouling in these last two minutes; it enables the team on offense to try for easy points and keep up an endless stall, since the defensive club has no chance to get possession unless they can steal the ball... a tough thing to do against a good team."

"The rule should be at least changed so that if the last free throw is missed, the ball will be in play... Better yet, I would like to see all these special 'last two minutes' rules done away with altogether. Let's play 40 minutes of basketball straight through without making it different for just the last two minutes."

"Well, I don't know about that Ed..." George Scalamera, Tech cage captain spoke up, "When you're ahead in a ball game, it's a great advantage to be able to retain possession and this rule allows you to do just that; after all, stalling is smart basketball at times. Besides, the numerous stops in play in those last couple

of minutes give a player a chance to rest a little bit more than usual at the time that he is likely to be most tired."

Ed and George did agree on some things... the new type of basketballs, now standardized, are great. Both also admit that glass backboards and orange rims are a big improvement over present equipment, and that fan backboards are worthless.

"... and then there are those proposed rule changes that would limit the time that a man can spend in a large area around the basket and would send the game back into the old 'center jump after each basket' system, with an eye toward limiting the action of extra tall men and holding down the rate of scoring in present day games. Why should a ballplayer be penalized because he is tall or a team penalized because they can shoot well? Rules that impair a man's natural gifts and powers are definitely undesirable and foolish." Glancy and Scalamera both agreed here.

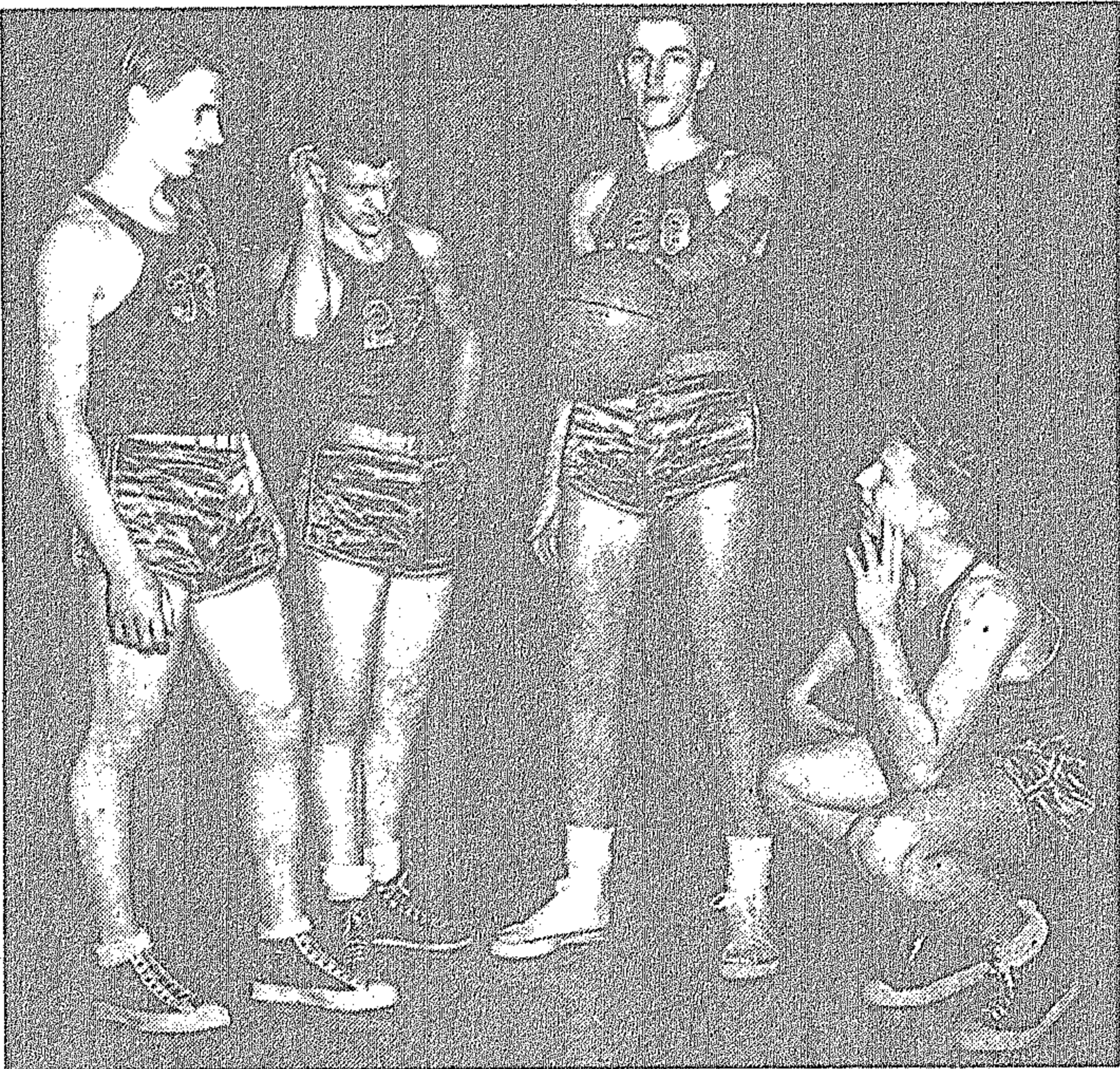
When asked what rule change he would most like to see, Glancy lost no time in finding an answer: "... I'd like to see the rules altered so that a coach can call a time out in the game from the bench. After all, he is in a much better position to see when things are getting ragged and when the team is going out the window... things that the players often don't notice."

At this, all George did was smile in assent.



ED GLANCY AND GEORGE SCALAMERA

## Tech Sports



LEADING TECH'S FROSH basketball squad, the nucleus of future varsities (left to right) Allen Hall, Harry Heersema, and George Georgen watch as big Ted Scultz palms the leather. The freshmen are sporting a 2-2 won-lost record to date.

## Sharks show class; down Wolves, 24-20

By Bill Felliss

A wide awake Sharks quintet stepped into sole possession of Section C last Tuesday when they beat the Wolves, 24-20. The Wolves, averaging six feet in height, were unable to score against their much smaller opponents, enjoying a cold streak in shooting that lasted the whole game. Connie Alexander put the Sharks out in front 6-0 with three set shots early in the game and the winners were never threatened. Don Rohan's steady scoring, good for a 10-point total, enabled the Sharks to stay in the lead all the way. The veteran Wolves, champions and runnerups in the last two years will have to snap out of their slump if they intend to go anywhere this season.

Last week's games cleared up the standings in the various sections considerably. The NORTC, Sharks, and IF's each moved into the lead with wins, making each of their records 3-0. The Whiz Kids, idle last week, moved into first place of their division when the Accidents dropped one to the Podunk AC, 27-17.

A survey of the individual scoring totals thus far shows all of the leading teams well represented.

Individual scoring:

	g	fg	ft	tp
Rohan, (Sharks)	3	15	3	33
Alexander, (Sharks)	3	13	4	30
Oldshue, (Chem. Grads.)	3	15	0	30
Roberts, (IF's)	3	13	4	30

Mattern, (Whiz Kids)	3	13	1	27
Fujiwara (Shrimps)	3	12	3	27
Woeiler, (Wolves)	3	13	0	26
Rosback, (NORTC)	3	12	1	25
Moeck, (NORTC)	3	9	5	23
Best offensive average—IF's—43.6				
Best defensive average—Sharks—14.1				

## Tankers beat Illini; meet GW tonite

By Ted Spath

Tonight the IIT mermen will travel to George Williams College in hope of gaining their third victory of the season. This contest has been scheduled to be held at 7 P.M. immediately preceding the basketball game between George Williams and IIT. Students from IIT will have a chance to see some

yellow and blue, 48-27. This victory and defeat brought the mermen to the mid-point of the season with a 2 won-2 lost record.

Top honors for the Illini meet were shared by distance swimmer Ted Erickson and sprint man Earl Takata. Erickson garnered a first place in the 440-yd. freestyle and a second place in the 220-yd. freestyle for a total of 8 points, while Takata took a first place in the 150-yd. backstroke and a second in the 60-yd. freestyle to duplicate Erickson's total. Tech's other first

place winners were Ramon Klitzke in the fancy diving and the medley relay combination of Len Carlman, Bob Campbell and Ron Watson.

In the Beloit meet the tables were turned on the Techawks with the visitors taking six out of nine events. The lone winners for the mermen were Ted Erickson in the 440-yd. freestyle, Ramon Klitzke in the fancy diving, and Len Carlman in the 200-yd. breaststroke. Erickson was once again high man as he led the scoring with a total of 8 points.

(See SWIM RESULTS on page 7)

(See BOX SCORES on page 7)

THERE HAS BEEN a lot of talk lately about the NCAA's so called "sanity code." It's the same old question of where to draw the line on athletic scholarships and inducements to athletes. There are new cries raised regularly against any such catering to athletes, yet one look at the facts will tell you that the only way to have top flight athletic organizations is to make concessions and special arrangements for the best material available. Since this has been done in American colleges and universities, the calibre of play has been greatly improved and will continue to improve.

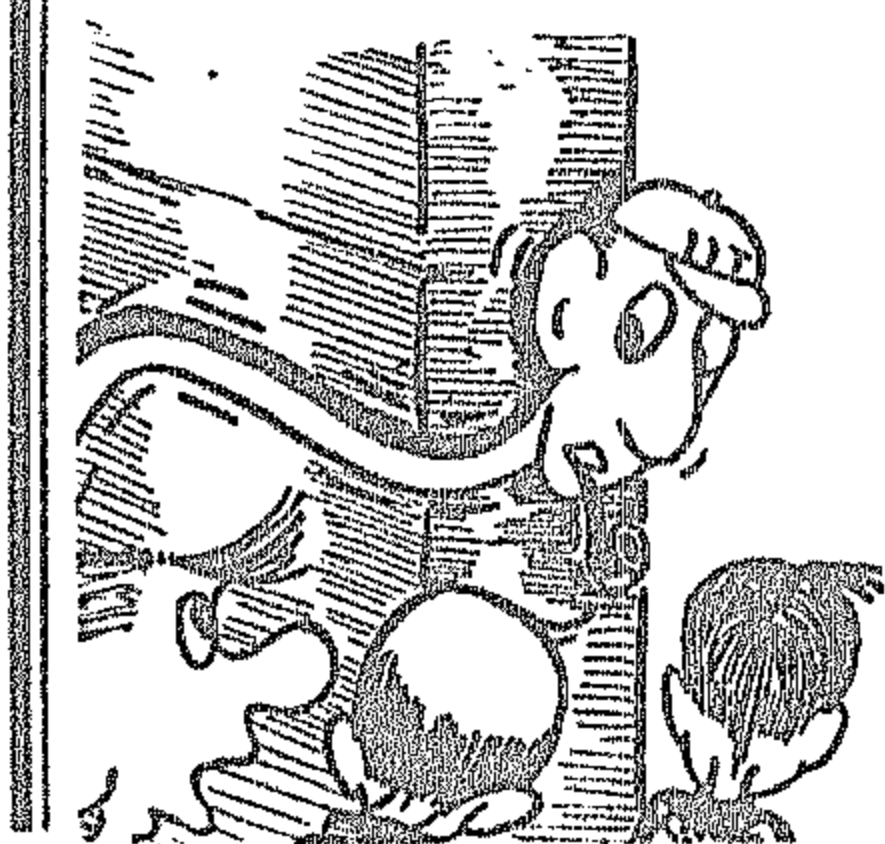
IS THIS BAD...? I say that it isn't... How many of the top-flight athletes in high schools would ever attend college if they were not offered rides...? Of course this idea of catering to athletics can be carried to extremes, just like anything else.

NOW LET'S LOOK at Illinois Tech. We are almost unique among present day institutions in that we offer absolutely no special advantages to athletes. The reason given for this is that it would be dragging down the name of the school to offer athletes anything. On the other hand the administration states that they want to see athletics here improved.

NO ONE EITHER wants or expects us to use the "big business" tactics that some schools do to cull talent. On the other hand there is no sense in closing our eyes to the facts... why shouldn't it be possible for a prospective student to gain entrance and financial aid from this institution on the basis of his athletic prowess. I would venture to say that there are numerous high school athletes with ability that would welcome the opportunity to get a fine education such as we can offer if we would only add the incentive of a dynamic athletic program.

OUR PRESENT ATHLETIC department has done wonders with their meager equipment and finances and are now coming up with good... really good... squads in almost every sport. Think of what could be done if we could make it possible for some of the top flight material available to attend IIT. Now that the incoming classes here are made up of young students right from high school the student body is beginning to expect top-flight athletics and rightly so.

LET'S HOPE THAT our administration, which believes in putting the students wishes first, will turn their attention to this problem and come to the realization that being on top in athletics is nothing to be ashamed of and is definitely a healthy situation to be in where the future success of the school is concerned.



From Where I Sit

By Ed Jennings

## Cagers down CTC; visit George Williams tonite

### Scalamera stars; Frosh trounce Illini Medics

By Marks Levy

Well—we waited four and a half games for the basketball team to look like themselves and it finally happened. Ahead by only three points at the half, they stormed the Chicago Teachers' College five unmercifully, running up 22 points while holding the Teachers scoreless.

The final score was a very respectable 67 to 42, with, as usual, George Scalamera pouring in 26 all by himself.

Last Friday was a different story. Plagued by a height disadvantage, the Techawks were downed by the Green Gulls from Milwaukee, 76-64. As usual, Scalamera had a great night (it's getting to be a habit) as he scored nine baskets and 11 free throws for a total of 29 points before he left the game on personal fouls.

It wasn't all "Big George," however, as Jerry Maatman and Tom Goralka helped the cause along by counting 13 and 10, mostly on long set shots.

Oddly enough, the first half was just the same as the last four games—pretty sluggish. But when they came back in the second half, the boys looked like a new team, scoring from every angle and putting up a stiff defense against the fading Teachers.

The frosh five had a good night along with the varsity. They downed the Chicago branch of the Illinois Medical school by a score of 55-43. Led by Alan Hall, with 25 points, and Harry Heersema, the freshman looked as smooth as they could be. Watch out for a couple of the younger boys to move up to the varsity if they continue playing the way they have up to now.

Tonight the cagers move on George Williams in search of their fifth win. The "G-Willies" have never proved to be too much of a problem to the Hawks, so a better than .500 percentage is a possibility after tonight.

Playing his last game for the Scarlet and Grey will be Carl Matson. "Matty" graduates the end of this month after playing three seasons with the Techawks. Leading scorer for his first year with the Hawks, everyone connected with sports at Tech is sorry to see him leave. One of the most likeable boys on the squad, Matty has always tried his hardest to win every game he played, and everyone will remember him for a long time.

(See BOX SCORES on page 7)



# Matmen whip tough Wright squad, 16-12

By Al Siede

In their second regular meet of the current season, the Illinois Tech wrestling team defeated the perennially strong Wright Junior College squad by a score of 16 to 12. This gives the matmen an even split in meets thus far.

Tech jumped off to an early lead in the meet when the little men of the squad won the first three matches. Hank Osgamaski, 121-pounder, trounced his opponent, 4-3, while Irv Lingeman followed with a 6-4 decision in the 136-pound class. Joe Berry, at 128 pounds, won his match by a 4-1 count.

Captain Dean Levi, ace 145-pound grappler, sustained a severe shoulder injury midway in his bout but bravely managed to hang on until the end to gain a draw. In the 155-pound class, Al Siede trounced his opponent with a one-sided 8-0 decision.

The team's first defeat came when Red Schultz, after going 5:40 of the 6-minute bout, was pinned by his opponent. In the 175-pound division, Pete Kronich, showing a lot of promise, was held to a draw. Heavyweight "Colorful" Schulman was beaten 10-4 in the last match.

## SWIM RESULTS

### U OF I (NAVY PIER) VS. IIT

300 medley relay: (1) IIT; (2) III.  
220 freestyle: (1) Voezel, III.; (2) Erickson, IIT; (3) Spath, IIT.

60 freestyle: (1) Saynay, III.; (2) Takata, IIT; (3) Scholz, III.

Fancy diving: (1) Klitzke, IIT; (2) Brown, IIT; (3) Anderson, III.

100 freestyle: (1) Saynay, III.; (2) Scholz, III.; (3) Amberg, IIT.

150 backstroke: (1) Takata, IIT; (2) Campbell, IIT; (3) Beck, III.

200 breaststroke: (1) Smith, III.; (2) Zichterman, IIT; (3) Carlman, IIT.

440 freestyle: (1) Erickson, IIT; (2) Grubensky, III.; (3) Beck, III.  
400 relay: (1) III.; (2) IIT.

### BELOIT VS. IIT

300 medley relay: (1) Beloit; (2) IIT.

220 freestyle: (1) Eggert, Beloit; (2) Erickson, IIT; (3) Schefflow, Beloit.

60 freestyle: (1) Simmons, Beloit; (2) Mitchell, IIT; (3) Schefflow, Beloit.

100 freestyle: (1) Eggert, Beloit; (2) Sprackling, Beloit; (3) Mitchell, IIT.

150 backstroke: (1) Newman, Beloit; (2) Schmid, Beloit; (3) Takata, IIT.

200 breaststroke: (1) Carlman, IIT; (2) Zichterman, IIT; (3) Petersen, Beloit.

440 freestyle: (1) Erickson, IIT; (2) Schefflow, Beloit; (3) Jogerst, Beloit.

400 relay: (1) Beloit; (2) IIT.

## Honor I elects officers; sponsor varsity nite dance

At a meeting held recently, the members of Honor I, Illinois Tech's honorary athletic fraternity, elected officers for the coming semester.

## BOX SCORES

### Tall timber

IIT-64				MILWAUKEE-76			
fg	ft	pf		fg	ft	pf	
Matson	3	1	4	Gunderson	3	4	4
Maatman	0	1	4	Smith	2	0	5
Goralka	0	0	2	Lemmer	1	7	4
Leiser	7	5	4	Kuhlmann	1	0	2
Scalamera	9	11	5	Bolz	9	12	5
Urasky	3	0	5	Morris	4	4	4
McCue	0	2	5	Katselic	0	0	2
Gardner	0	0	5	Ryerson	3	1	2
				Derkson	0	0	1
				Patch	0	2	2
				Grindrod	0	0	1
22 20 34				23 30 32			

### Ah, sweet victory!

IIT-67				CTC-42			
fg	ft	pf		fg	ft	pf	
Leiser	4	2	3	Gleason	2	0	5
Gardner	2	0	3	Houtsma	1	1	5
Goralka	3	1	1	Ettten	0	2	2
Scultz	0	0	2	Tracy	5	1	5
Scalamera	6	12	3	Taylor	2	0	4
McCue	1	1	1	Matz	0	0	1
R. Peterson	0	0	1	Hillebrand	5	2	3
Kiley	0	0	2	Mulligan	1	0	2
Maatman	6	1	3	Mayer	1	1	0
P. Peterson	0	1	1	Salario	0	1	2
Urasky	1	3	2				
23 21 22				17 8 29			

## Fraternity Row

By Sid Doppelt

With Theta Xi sailing along without a loss, many of the squads in the basketball league are pretty much out of it as far as first place is concerned, barring a miracle.

Since this is the last issue to go to press for approximately a month let's take a look around the league to see just who ranks where.

The one team which has the power and percentage to wrest first place from Theta Xi is Delta Tau Delta. As this issue goes to press they have two victories without a loss, including a 57-42 decision over a tough Alpha Epsilon Pi team. Although the Deltas do not boast an unusually tall squad, they do have plenty of depth, and are sparkplugged by Greg Opelka, Anson Whitfield and Marty Hoeft. Right now the entire team is pointing towards their March 14 meeting with TX and if any team does stop TX this year, Delta Tau Delta will probably be them.

Over at the Alpha Sigma Phi house, a powerhouse squad is still blistering from the one point overtime decision suffered at the hands of the defending champs. Since that game the Alpha Sigs have won three straight battles. Evidence of the strength of this team came when they rolled all over Sigma Phi Epsilon by a 71-21 score, coming within one point of the interfraternity scoring record. Despite all this, they haven't a chance at top honors unless somebody hands TX a few losses.

Two other surprise teams are still very much in the running. The Daedalions and Alpha Epsilon Pi have been playing fine ball to date and might raise quite a few eyebrows before the season ends.

The entire picture of how things stand may change quite a bit with the new semester. The houses on the row will be losing some men through graduation and gaining others through pledging and this always brings on a change of power in many of the cage squads.

New officers of the "I" men are George Scalamera, president; Ray Klitzke, vice president; and Al Ashurst, secretary-treasurer.

Scalamera also announced that Honor I plans to present the first annual "Varsity Night" on February 17. That night our cagers face Chicago at 7:30 p.m. Immediately following the game a dance will be held with plenty of girls and a sharp band provided.

### Good medicine

IIT FROSH-55				ILLINI MEDS-43			
fg	ft	pf		fg	ft	pf	
Heersemma	5	1	0	Kash'bara	6	2	1
Hall	10	5	2	Karabatac	0	0	2
Schanlo	0	1	1	Von Ruden	2	3	3
Schultz	1	2	0	Arnoff	1	0	0
Dewey	2	0	1	Biska	2	0	2
Georgen	1	1	5	Hacker	0	1	0
Small	0	0	3	Cook	0	3	4
Kapke	1	0	2	Norbeck	5	2	4
Mitchell	1	0	1				
Kramer	0	0	1				
Soneraggar	0	1	0				
Sampon	2	0	4				
22 11 19				16 11 16			

DOING ANYTHING TONIGHT . . . ? If not, and even if you are, get on the ball and whip over to George Williams College, at 53rd and Drexel. Get there at 7 p.m. and watch the swimming team in action. After that's over walk upstairs and watch our cagers go after their fifth win. After that's over meet your pals at Angies' for some refreshment.

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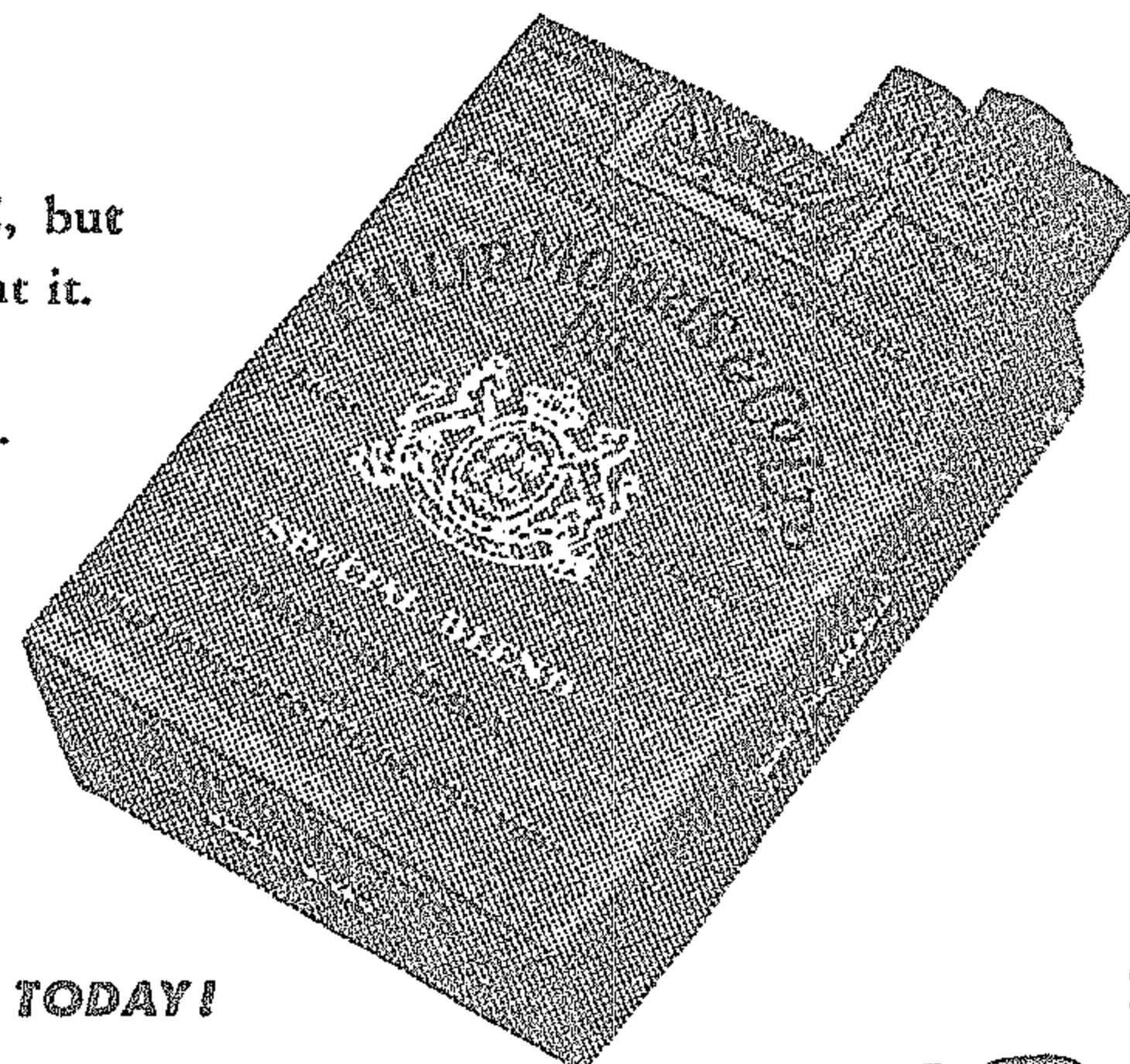
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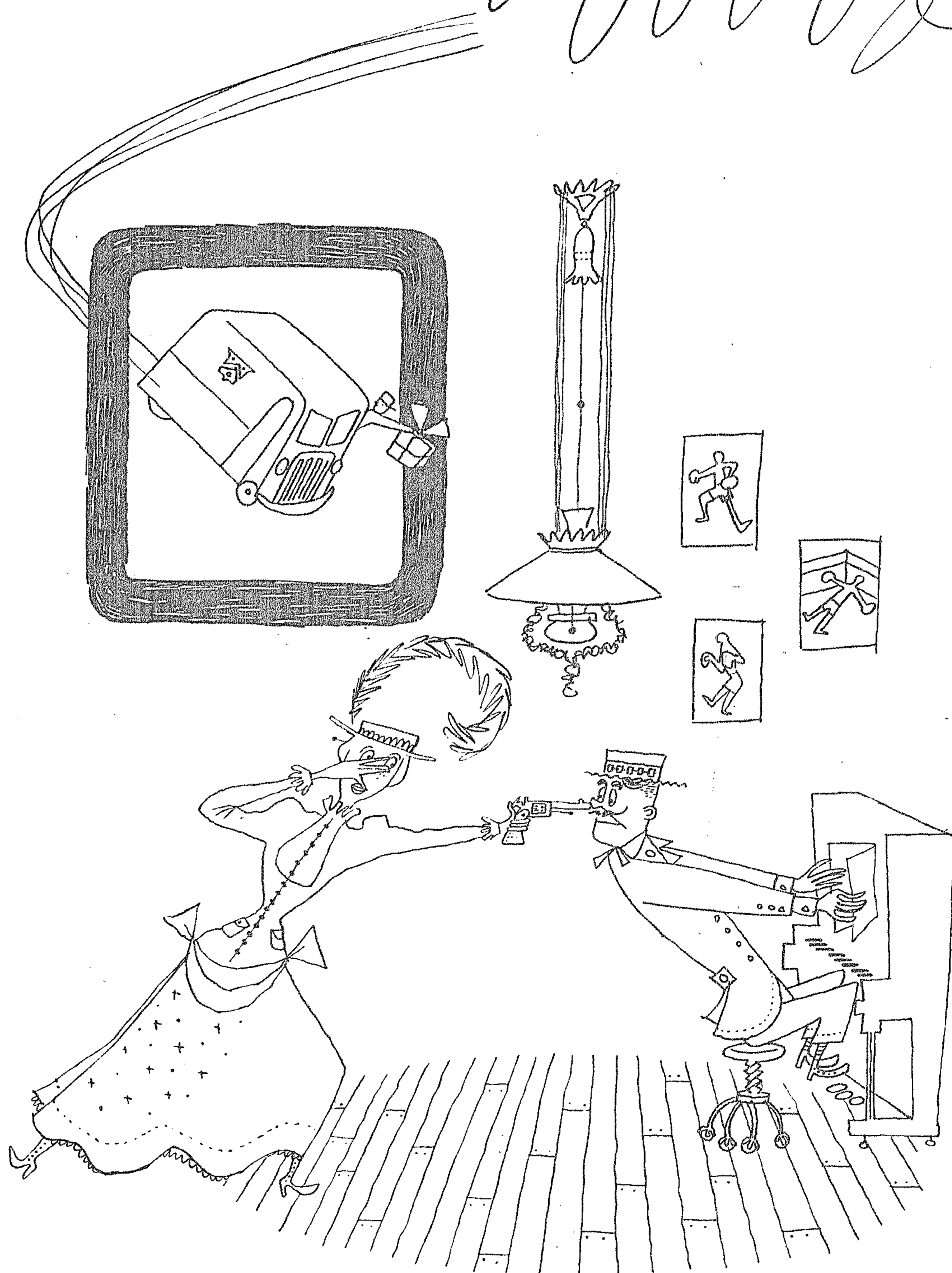


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