TECHNOLOGY NEWS

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'Uncle John' says good bye to Tech

By Joe Bass

John Joseph Schommer, director of placement, director of athletics, member of the board of trustees, and professor of industrial chemistry at Illinois Tech today announced his retirement, effective September 1.

Renowned as one of the Midwest's greatest athletes, first 12-letter man in the history of the University of Chicago, and well-known football official, Schommer has seen 37 years of continuous service to the Institute in his many capacities.

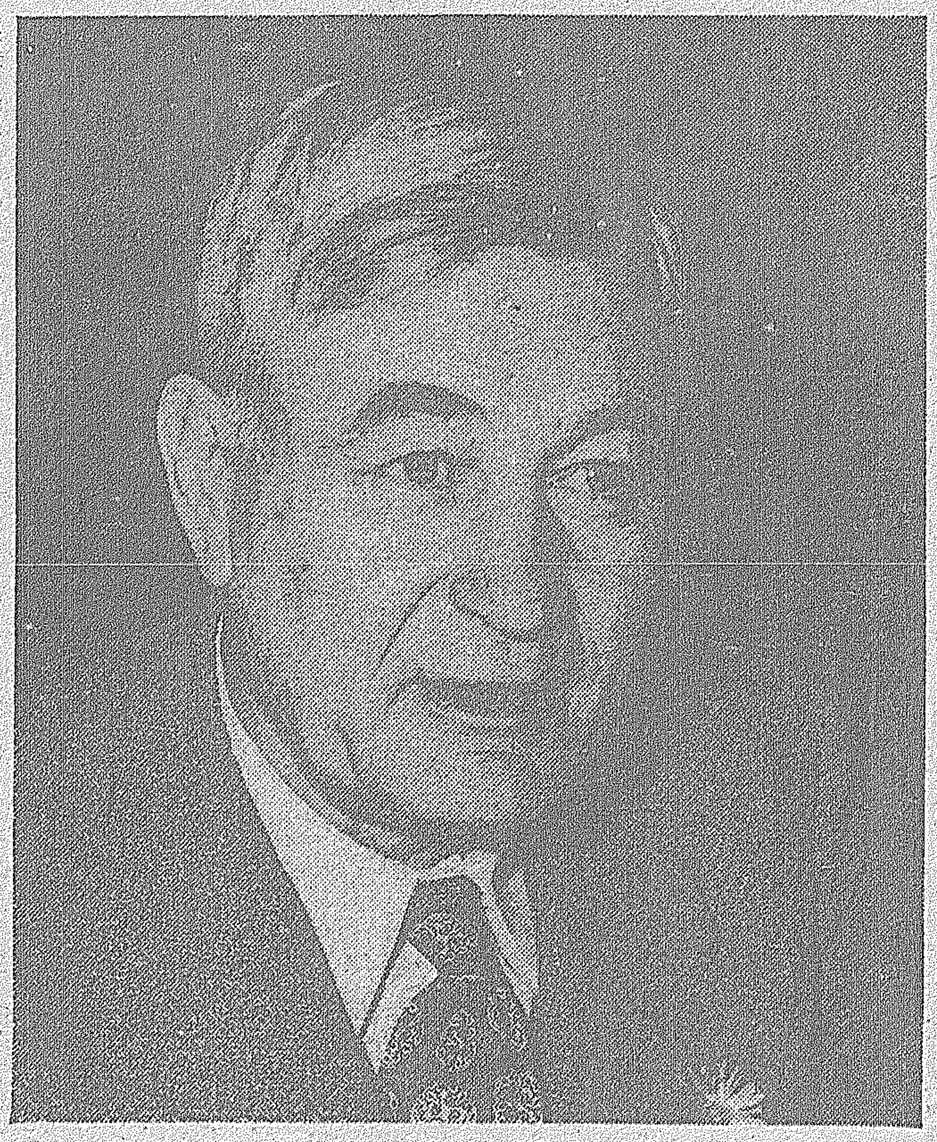
The big man with the ready smile joined the staff as an instructor in 1912, following his graduation from Tech (then Armour) with a B.S. in chemical engineering. For many years he coached single-handedly all athletic teams. In 1922 he was appointed athletic director and later was named to the board of trustees and the position of director of placement.

An authority on football rules, Schommer served as an official in the Big Ten for 35 years and has been on the National Intercollegiate Football Rules committee. In addition, he has officiated for the National Professional Football league, working most of the Chicago Bear games the 1941-42 season, his last active one as a whistle blower.

As Illinois State Occupational advisor for four and one-half years, Schommer was responsible for the deferments of thousands of engineers and scientists during the war, thus maintaining a steady flow of trained personnel at a critical time.

Schommer matriculated to Chicago from the Central Y high school, where he completed the course in two and a half years. At the Y he captained the basketball team which won the world's championship at the St. Louis Fair in 1904 and also held the

(See SCHOMMER on page 2)



JOHN J. SCHOMMER

ITSA changes up for vote Monday

Ratification of a new student government will be up to the Tech student body in a special election to be held Monday. The polls will be open in the North Union lobby from 9 a.m. to 4:30 p.m.

The measures, a series of constitutional amendments, have been approved by the Illinois Tech Student Association as needed changes in the character of campus student government.

Briefly summarized, the amendments include:

● Splitting up of all classes into single units, each with its own elected officers, who would serve for one-year terms. At present the senior class is split up in this way.

In addition to lengthening the term of office, this measure increases the number of students serving on the ITSA Board of Control inasmuch as each class is represented by its president on the board.

● The second major provision of the amendments curtails administrative and faculty representation to two members rather than the present six. Under the new government, the dean of students and one faculty member selected by the faculty council will be the only such members.

The Institute business manager and the student Union director are to be retained in an advisory capacity only.

● Two new members-at-large have been created by the measures, each of whom will serve for a one-year term. One to be a freshman or sophomore at the time of taking office, will be elected at each winter election. The second is to be a junior or first term senior at the time of taking office and will be elected in the spring election.

Ratification of the amendments Monday will mean that the regular class elections will put into office candidates for entirely new positions. Although all offices are to be of a one-year length in the proposed government, those offices normally terminating at the end of the fall semester will be filled for one term in the first election under the new system.

The constitutional amendments are the work of an informal committee consisting of Lee Jacobson, Bill Dassie, 4B class president; Bob Schuldes, ITSA vice-president; George Bowman, ITSA president; and Dave Pasik, editor-in-chief of **Technology News.**

The work of the committee included an analysis of the functioning of the present government, a study of systems in use at other colleges, and final drafting of the proposal.

Principle aim was to secure greater student participation in the machinery of the ITSA board. As stated by the writers of the amendments, the "know-how" acquired by administrative members has freed the students from many of the normal legislative responsibilities, tending to cut down the student voice in matters of student policy.

Division of classes was decided upon, according to the committee, because this would provide a full year term for officers, as well as increasing the number of class representatives. The one year term is intended to give each officer "more time to utilize the abilities and knowledge that it takes weeks to acquire."

Although the plan cuts down the administrative voice in ITSA sharply, it has received the endorsement of President Henry T. Heald, Student Union Director Bernard Weissman, and other present voting members of the student government.

Present famed labor case

Union management relations, considered by many economists as the very crux of our economy, will be the theme of an all-school assembly on May 3 in the NU auditorium.

Entitled "From Conflict to Cooperation," the meeting will feature Herbert J. Buchsbaum, president of S. Buchsbaum and company, and Samuel Laderman, president of the International Chemical Workers' Union No. 241, AFL. The discussion will center about the relations of the Buchsbaum company with the union.

The company had fought the union for nearly 20 years prior to 1941 and had used all the anti-union tactics at its disposal. This included labor spies, blacklisting of employees, and hired detectives.

Due to circumstances that will be revealed at the meeting, the company extended whole-hearted cooperation to the union in 1941. Since then profits have increased through union efficiency measures, and the company has enjoyed complete freedom from any form of labor strife.

"This particular case is considered to be a classic demonstration of successful union-management cooperation and is referred to in all courses that deal with the relationship of the worker and the employer," stated Richard Golick, chairman of the arrangement committee for the assembly.

Sponsoring this discussion are the Society of Automotive Engineers, Western Society of Engineers, American Institute of Electrical Engineers, American Society of Mechanical Engineers, the Business and Economics club, and the Society for the Advancement of Management.

Selection of this topic by the six sponsoring organizations is based on the ideas of many con-

SAMUEL LADERMAN

temporary authorities in the labor relations field who have asserted that voluntary settlement of labor-management problems is a basic contingency for the existence of the American system of free enterprise.

Start new probe of cheating

An investigation of cheating at IIT has been started by the Illinois Tech Student Association, with the creation of a special committee at its last meeting.

Attention has been focused on the matter in recent weeks by a disciplinary committee ruling regarding the conduction of all quizzes, providing for inspection of blue books and the use of different colored alternate quiz sheets.

Solutions to the problem were discussed at length at the annual meeting of the faculty held April 7. Eugene D. Pare, assistant dean of students, stated, "The IIT faculty on the whole was favorably inclined to an honor system rather than the recent directive sent out by the disciplinary committee, and it was realized, of course, that such a plan must be initiated by the student body."

Faculty reaction to the recent quiz directive has been of varied character. The chemistry department adopted most of the provisions; many other instructors have outspokenly denounced the ruling and ignored it.

According to George Bowman, ITSA president, "We are taking this investigatory action to determine the extent of cheating on the campus and the feasibility of an honor system or other methods of solving the problem." Bowman stated that while an honor system would probably be the most desireable alternative, little could be done in the remaining time of the semester.

Opportunity knocks for repulsive IIT men

Are you the ugliest man on campus?

Illinois Tech's first "Ugliest Man" election, under the sponsorship of Alpha Phi Omega, will be held during the week beginning May 16.

"'Ugliest Man' elections have proved very popular at other schools," stated Gene Shastal, APO president, "and we're aiming at a similar success. The money raised will go towards establishment of the APO student book exchange."

To vote for an "Ugliest Man" candidate, the voter deposits pennies in the jar just under the candidate's picture. Each penny will count one vote, nickels five, and so on.

To enter the competition, a candidate must submit a petition with ten student's signatures plus his own and two 5x7 inch photographs to the **Technology News** office by the deadline, May 9. Alpha Phi Omega will supply the entrant with pictures if he has none available.

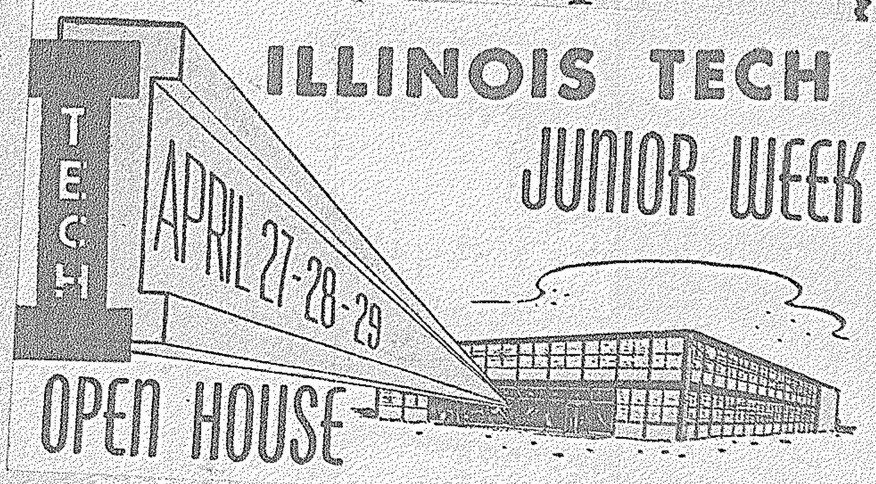
A beautiful loving cup will be awarded to the winner, according to Shastal. He stated that if the competition was "good and fierce" he would add as additional reward a fitted makeup kit.

Alpha Phi Omega's proposed student book exchange will be conducted as a cooperative service to the student body and will be most active at the close and beginning of each term, although it will probably remain open throughout the year.

Use of the service will be available to all students. Under the plan, any book may be left with the exchange for a five cent fee, and the book or the specified price will be returned to the seller.

"It may be possible that APO will raise enough initial funds in the Ugly election to do away with the book fee altogether," Shastal stated. "The contest really provides opportunity for some inter-organizational warfare."

On the inside . . .
your Junior Week *Special!*



Combined charity drive ends today

The first combined charity drive at Illinois Tech was launched Tuesday at an all-school assembly in the North Student Union auditorium.

The King Cole Trio, opening the charity drive before a short-of-capacity crowd, came thru with an inimitable performance. They presented many of their trademark selections such as "Embraceable You," "Little Girl," "Flo and Joe," and "Paper Moon" during the course of their half-hour appearance.

George Bowman, president of ITSA, and Don Goldsmith, chairman of the assembly, outlined the purposes of the assembly and the reasons for the concerted fund raising drive.

Members of Alpha Phi Omega, national service fraternity, distributed pledge cards to the audience. These cards may be returned to booths in the North and South Student Unions by 5 p.m. today.

"With only $200 in cash and pledges returned thus far, we are still short of the minimum goal of $1 per student," Goldsmith stated. "We are hoping that late responses will swell this total."

Pledge cards may still be obtained at the booths and pledged money conveniently paid at the bursar's office in Main. To avoid unnecessary inconvenience to the bursar, these returns should be paid promptly.

New building honors first Tech president

The memory of the late Dr. Frank W. Gunsaulus, educator, minister, and first president of the Institute, will be perpetuated in the new 10-story apartment building now nearing completion on Michigan avenue.

Dr. Henry T. Held, president of Illinois Tech, today announced the board of trustees' decision to name the new student and staff housing unit Gunsaulus hall.

Dr. Gunsaulus, revered Chicago civic leader, was president of Armour Institute of Technology for 29 years, from the college's establishment in 1892 until his death in 1921 at the age of 65.

Gunsaulus' persuasive and moving performances as a public speaker, whether in the pulpit or on the lecture platform, are legendary at Illinois Tech.

JUNIOR WEEK-OPEN HOUSE Chairman Jack Davoust (left) makes last-minute preparations for the big weekend with his two right-hand men, Lee Jacobson and Bill Comis. Preparations have been made to handle a bigger turnout than last year's, when 25,000 visitors were attracted to the campus to establish a record high.

Technology News' top jobs available

The positions of editor-in-chief and business manager of Technology News during the coming school year are to be filled within the month, announced Leonard Speicher, secretary of the Publications board, Wednesday.

Applications for the jobs, which will be of a one year tenure, may be addressed to the dean of students' office.

They should include the applicant's year in school, journalistic or business experience, and any other pertinent information.

All candidates will be personally interviewed by the board before final selection is made. The jobs offer complete responsibility for the publication of Technology News, including appointment of staff members and determination of all policy.

Deadline for all applications has been set at May 11.

Start construction of railroad building

Construction was started this week on the new Association of American Railroads research laboratory on the campus, following award of the contract to Federal Constructors, Incorporated.

Completion of the building, which will serve as headquarters for the research and testing staffs of the mechanical and engineering divisions and the container bureau of AAR, is scheduled for the middle of November.

It will be located near the northwest corner of the projected 110-acre campus development. It will run north and south along Federal street between 31st and 32nd streets. An impact test track will be built along the New York Central tracks west of the building.

Dimensions of the structure will be 218 ft. by 50 ft., with two stories and a full basement. Total cost, including utility lines, landscaping, tracks, and equipment, will be $600,000.

Its general design is in the modern functional style of Ludwig Mies van der Rohe, head of Illinois Tech's architecture department and designer of the new brick and glass buildings already constructed on the campus.

SCHOMMER

(Continued from page 1)

world's indoor high-jump record, 5 feet, 11 inches.

He performed equally well at the University of Chicago in four major sports: football, basketball, baseball, and track—garnering 12 letters and recognition as All-western and All-American end in football, three-time All-American center in basketball, and member of the Olympic track team. In the spring of 1943 the Helms Foundation of Los Angeles placed Schommer on the all-time All-American basketball team.

Schommer's undergraduate days coincided with the "golden era of sports" at the University of Chicago. He played on three championship basketball teams, captaining the 1908 intercollegiate basketball champions, two championship football squads, and one title-winning track team. He led the Western conference in hitting in 1909 with a .475 average.

Schommer came to Illinois Tech in 1911 to take a degree in chemical engineering. He remained active until recently in the academic field as consultant and professor of industrial chemistry, but has been forced by the press of other duties to give these up.

He has been active in the Alumni association, serving as president of that organization for 11 years. In 1932 he received the first Alumni Key awarded for distinguished service and in 1940 was awarded the Distinguished Service Award of the Alumni association.

His most ambitious project, outstripping even the Illinois Tech relays, is addition of a fieldhouse to the athletic facilities. After his retirement he will continue to devote time and energy to this and other projects in the Illinois Tech building program.

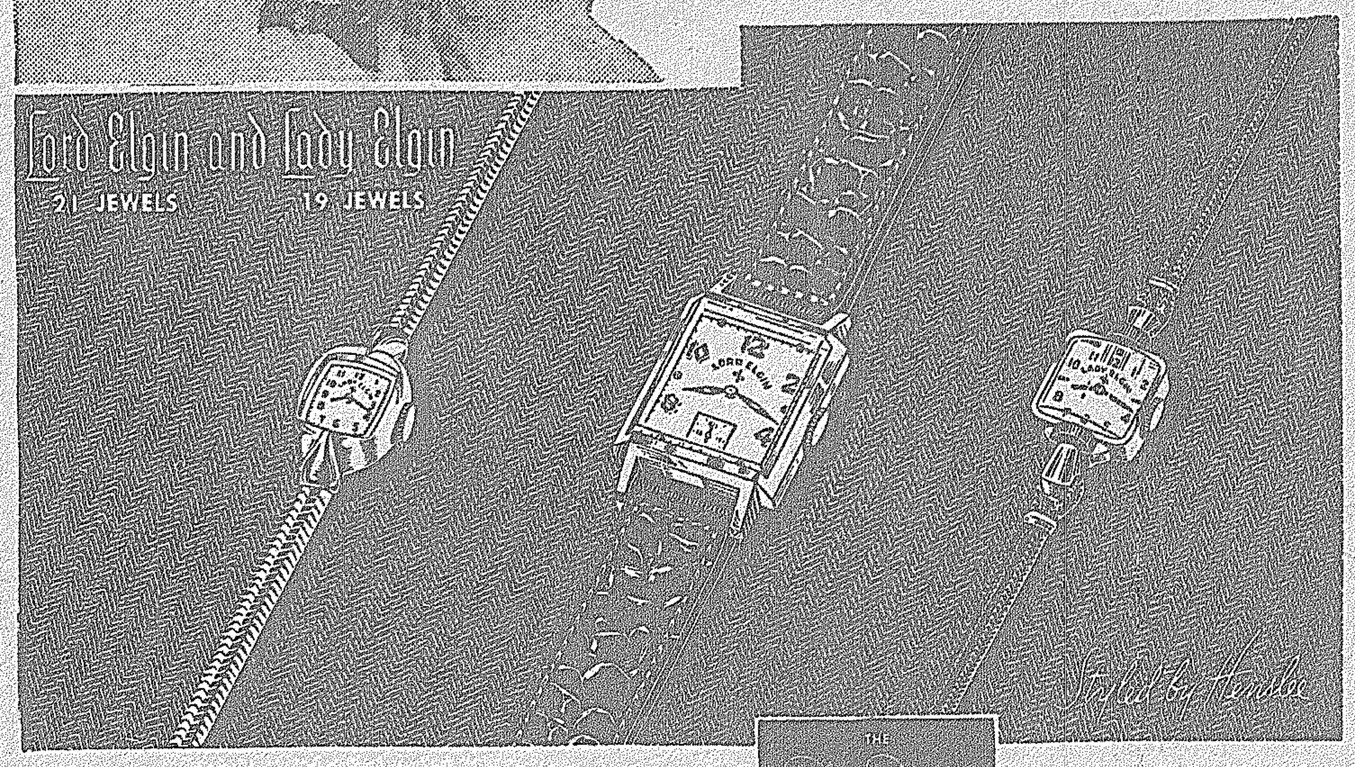
An ardent believer in the usefulness of an engineering education, Schommer has successfully convinced industry of the need of men with training. Writing of the special qualifications of men with an engineering background, he stated in 1939, ". . . our world of today is full of change, and industry and commerce are in the very center of [these] changes. Consequently, men are needed in industry who can answer the 'WHY'S' which are thrust forward daily. And only persons trained to think in terms of men and materials and forces can find the answers to the shifting 'WHY'S'."

For graduate Eleanor Morgan, Mount Holyoke '49 ...an Elgin

Daughter of Mr. and Mrs. Alva B. Morgan of Darien, Conn., Eleanor is the family's second Mount Holyoke graduate.

"SO BEAUTIFULLY STYLED," says her MOTHER. "Actually, the most beautiful of the many Elgin Watches owned in our family is the model we've chosen for Eleanor."

"THAT DURAPOWER MAINSPRING MEANS BETTER PERFORMANCE," says her FATHER. "She won't be bothered with mainspring repairs in that watch."



There's an extra thrill in owning a beautiful star-timed *Elgin* Watch! For beneath its beauty is Elgin's exclusive DuraPower Mainspring that eliminates 99% of all repairs due to steel mainspring failures.

Suggest to those planning a graduation watch for you that you'll be happier with an Elgin . . . an Elgin Watch with the DuraPower symbol on the dial.

THE DuraPower Mainspring ELIMINATES 99% OF ALL REPAIRS DUE TO STEEL MAINSPRING FAILURES

Lord and Lady Elgins are priced from $67.50 to $5,000. Elgin De Luxe from $47.50 to $67.50. Other Elgins as low as $29.75. All prices include Federal Tax.

The genius of America to wear on your wrist

Only an ELGIN has the DuraPower Mainspring

*Patent pending. Made of "Elgiloy" metal.

FRIDAY Nite is College Nite at the Blackhawk

Never a Cover, Admission or Minimum for Students

THE BLUE RIBBON SHOW OF THE YEAR.

Award Winner Al Trace

AND HIS FAMOUS "SHUFFLE RHYTHM" ORCHESTRA AND ENTERTAINERS

A fun-filled FLOOR SHOW PACKED WITH TOP TALENT!

BLACKHAWK

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License exams set for May 24

Edwin R. Whitehead, member of the Illinois Professional Engineers Examining Committee, announced this week that the examination of applicants for professional engineer licenses will be held May 24.

Under the rules of the Illinois State Department of Registration and Education, any graduate or student in his last term of an accredited engineering college may apply for the theoretical or "Engineer-in-Training" examination.

Any student in line for graduation in June may apply for the examination to be held on May 24. If 20 or more applications are received from Illinois Tech students an examination will be held on campus. All applicants will be notified of the time and place of the examination.

Application forms may be obtained from the Department of Registration and Education, Division of Professional Engineering, Springfield, Illinois, in Dr. Whitehead's office, 202M, or the placement office.

The application must be accompanied by a certified check, money order or bank draft for $20.

The application must be accompanied by a statement from the registrar's office certifying that the applicant is in line for graduation in June, 1949.

Applications for the examination on May 24 must be in the office of the Department of Registration and Education on or before May 1, 1949.

AIEE papers win awards

Maier Margolis and Robert Teasdale were judged winners of the American Institute of Electrical Engineers papers contest held April 12. The judging committee declared Kenneth McGlashan and William Firestone to be second in the competition.

Margolis, 8th term EE, took top honors in the undergraduate division with a paper on transient analysis by node equations. Teasdale garnered the graduate award with a talk on phase velocity in wave guides. Both received $15 cash awards.

McGlashan presented the design of high voltage power supplies for Geiger counters as his laurel winning paper of the undergrad section, McGlashan and Firestone accepted $10 in prize money.

As winners of the local contest, Margolis and Teasdale will compete in the district contest to be held at the University of Michigan April 29. In the two previous district competitions, Illinois Tech finalists have taken honors.

CHE's set joint IIT, NU meet

Illinois Tech branch of the American Institute of Chemical Engineers will hold a joint meeting with the Northwestern chapter at the Western Society of Engineers' clubroom, 64 W. Randolph street, according to John Tobin, president of the Tech AIChE. A program of entertainment, including a talk by a representative of the R. R. Donnelley company, has been scheduled. Members of the AIChE are invited to bring any interested persons.

Blowing the Gaff

ITSA charge throws yoke to students

As you've probably seen elsewhere in the paper, Monday is the day that the amendments to the Illinois Tech Student Association constitution come up for ratification.

If the amendments are accepted by you students (and I hope they will be), we will at long last have a strong **student** government. I emphasize student, because under the new setup there will be only two administrative votes and thirteen student votes.

With administrative members sitting on the board year after year and the student members changing every semester, the obvious just had to happen.

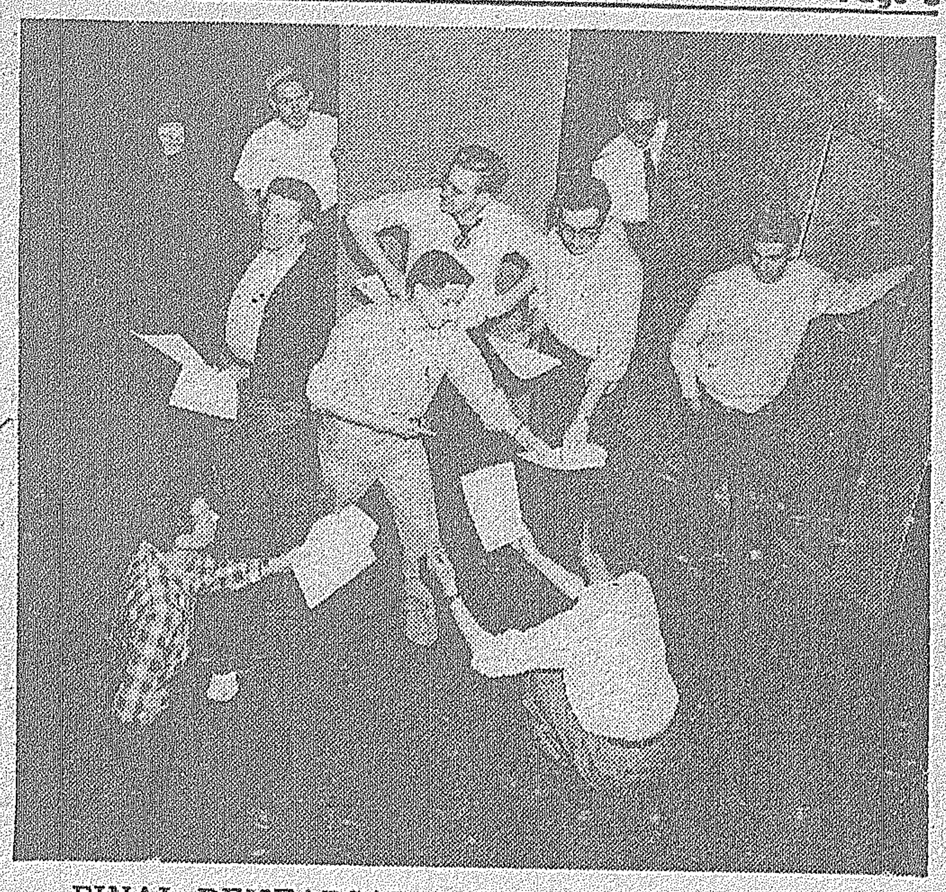
It naturally takes the new student members coming in every semester a while to get adjusted to the swing of things, and, in this period, the burden of keeping things rolling falls on the shoulders of the ITSA officers and the administrative members of the board.

The new plan does away with this more-or-less lame duck, swing shift turn-over, in the fact that there will only be a change of half the student class presidents every semester and the other student members can help carry the burden, instead of placing all of it on the shoulders of the administrative members.

Personally, I think the change will be a good one, if it goes through. It will force the students to make decisions for themselves and will give the student body at large a much stronger voice in running their own student government.

"Gung Ho" for the new amendments.

Jim Gaffney



FINAL REHEARSAL for the original musical put on by Rough Castings, all-male IIT drama group, gets underway. The show is to be presented three times: 7:30 Wednesday, 2:30 Thursday, and 8:30 p.m. Friday in the North Union auditorium.

Today last day to preregister!

Student preregistration will be completed today. All applications for classes for summer school and the fall term must be in by 5 p.m., and students failing to meet the deadline will not be allowed to register for classes in accordance with the regulations governing preregistration.

Registration is handled by the departmental counselors. Yellow application forms for the fall term and pink ones for students who wish to preregister for summer school can be obtained in departmental offices.

Inasmuch as preregistration information is vital to the school's allocation of class space and the provision of an adequate number of instructors, Raymond Meade, assistant registrar, urges tardy students to complete their preregistration some time today.

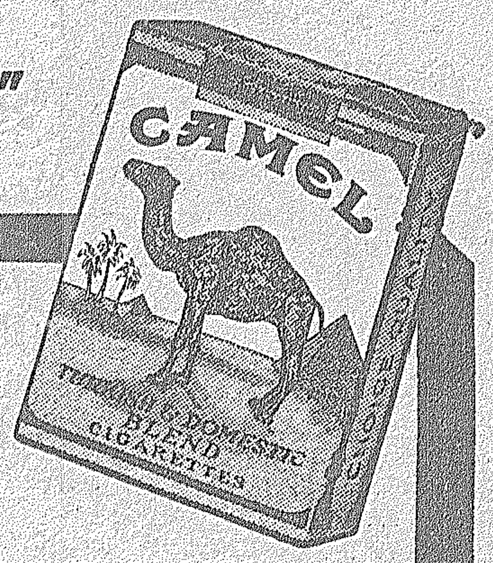
Pare calls in late reports from activities

Eugene Pare, assistant dean of students, reports that many student organizations have been negligent in filing their organizational reports. These highly important membership reports should be turned in to Miss Goodwyn in the dean of students' office as soon as possible, Dean Pare urges.

For Rhythm and Romance... Martha Tilton in "I'll Remember April"

(A CAPITOL RECORDING)

Martha Tilton takes a recess to talk with Dick Haynes, popular Hollywood radio personality. They reach a quick agreement on Camels.



● Martha Tilton invites romantic memories in this easy-paced dream number! Martha picks her songs with care. And she's particular about her cigarettes, too! "It's Camels for me!" says Martha. "They're my choice for *flavor*—and Camels are *so mild!*"

for Taste and Mildness—

Camels!

In a recent coast-to-coast test of hundreds of people who smoked only Camels for 30 days, noted throat specialists, making weekly examinations, reported

NOT ONE SINGLE CASE OF THROAT IRRITATION due to smoking CAMELS

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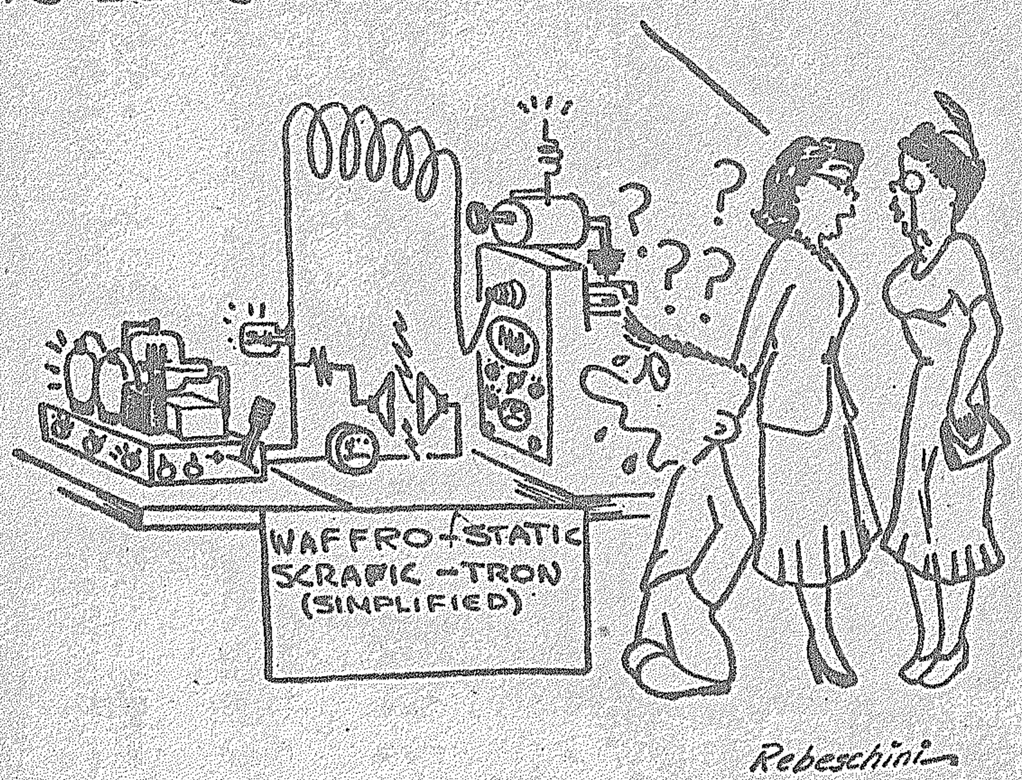

Other schools have it too

Student newspapers voice cheating problem

There is perhaps as little cheating at Tech as at any college, meaning that 85 per cent of the student body practices it regularly and with varying degrees of ingenuity.

The fact is not particularly untoward, since cheating is made necessary by our present society, which defines education as a system of competitive examination to be given from kindergarden up. . . .

. . . The conclusion is inescapable; there should be examination without competition, no fear as an incentive to study, no passing and no failure. Education would then have to be made as free, as just, as enjoyable as possible. That's treason: make the most of it.

—The Tennessee Tech **Oracle.**

The important thing for us to do at Lake Forest is to stop the cheating. There are several ways to do this.

- Do away with tests, and thus with cheating also. This would be impractical.
- Have monitors checking examination rooms to stop cheating. Is this absolutely necessary?
- Have students control cheating by tapping pencils on their desks until the person cheating stops. This is supposed to work in other schools.
- Have open book exams, allowing students to bring any materials they believe might aid them.
- Set up an honor system, with profs leaving the room after giving out the exam.

—The Lake Forest **Stentor.**

Looking at the question impartially, are we to label them outright, thieves or justified revolutionists? Were we to do the former, it would mean that over 50 per cent of our student body are candidates for the pen, if the figures on cheating at other schools hold good here, and I doubt that anyone is so foolish as to think they don't.

Or are we to call the boys justified revolutionists? In every case of cheating it would be ridiculous to maintain this, but in many others there might be substantial grounds for such a label.

Until every member of the faculty can convince every basically honest student that his practices are fair, can every student be expected to be fair in turn?

—The Georgia Tech **Technique.**

TECHNOLOGY NEWS

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★ ★ ★

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Letters to the Editor

Wants profs' names on class schedules

To the Editor:

I don't understand the reason for omitting the names of class instructors from the Illinois Tech schedule of classes.

The omission becomes particularly discouraging when one discovers that many of his instructors fall in the mediocre category.

Admitting that well qualified men are difficult to find and admitting that it may be even more difficult to pay the salaries these men demand, it still seems proper that a student be able to choose instructors from the comparative few who excel in their field. There is nothing unjust about filling up the class quota of a better man first, and leaving the "others" to the last. With the registration procedure planned properly, there would still be the same number of men in each class.

The argument that students are not capable enough to judge their instructors is hardly worthy of comment.

If the omission of instructors from the class schedule is due to negligence, the error should be corrected.

M. J. Schwartz

as I see IT

By DAVE PASIK
Editor-in-Chief

I'LL HAVE TO ADMIT that I was surprised — but pleasantly — when I learned that a campaign promise made in the last election is actually being carried out.

Ira Graham, the successful KGDMC candidate for junior vice-president, said he would initiate a student book exchange—and he's doing it. Not by himself, of course. He has the support of Alpha Phi Omega, and it appears that between them, they're going to give the student body something of value.

Class elections in general are going to be more serious, for one immediate reason and a couple of future ones.

The new ITSA constitution, if ratified as expected, will place far more importance on the elected positions, for students will govern policies and expenditures in a real sense.

My crystal ball tells me that the rapidly diminishing number of veterans enrolled, the new dormitories, and the dropping overall enrollment are going to combine shortly to give us a very active student body—one composed of young students, a large proportion of them living right on the campus.

A couple of roses for Ira Graham and his book exchange!

. . I DON'T KNOW exactly what to make of the flop that the "Unified Charity Drive" was this week.

I could blame it on the poor scheduling of the assembly and lack of publicity, but maybe Techawks just don't go for the idea of "lump sum" donations.

There is a great deal of antipathy toward certain charities, and inclusion of these could very well cause an individual to cancel any contribution. From a perusal of the pledges turned in, the average contribution was well over one dollar. But the number turned in was very small.

Possibly most of the audience at the Charity assembly failed to grasp the advantages of a single drive, but I think it was rather the "all-inclusive" feature that caused them to turn thumbs down.

It looks as if we're still stuck with the "Packages for Patagonia" drives. . . .

Bid sales again

To the Editor:

As a last reply to the grievances voiced in this column and in "Blowing the Gaff" about the "selected" way of selling Junior Prom bids, I would like to point out that at nine on Monday morning we were ready and waiting to sell bids, as was announced beforehand in **Technology News.** It was not until noon, or three hours later, that a representative for the fraternities placed their reservations, followed by various persons, representing their clubs and their friends, reserving tables.

It should be quite obvious that anyone on the ball could, of course, have reserved a bid or a table before these organized groups placed their orders. And for those that will fall back on that old excuse, "I didn't know you could reserve a table without a deposit," neither did anyone else until they came to the booth and asked on that Monday morning.

John Christian, Chairman
Junior Prom Committee

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

Praises cops

To the Editor:

The column "Letters to the Editor" usually contains justifiable complaints, helpful criticism, appeals for action or inaction, but few compliments. I am grateful to the efficient patrolling of the Technology Center police force and feel that the student body should know why.

On Thursday, April 14, at 1:30 p.m. I parked my car, containing $60 of newly purchased television equipment, on Dearborn street opposite the Mecca building. Locking all four doors, I went to the workshop of the Radio club to repair a volt-ohm meter. Upon returning two hours later, I found the car empty with the rear, right triangular window forced open.

I was stunned until I saw a white card fastened under one of the windshield wipers. The card read: "Your television equipment is at Mr. Parduhn's office. Officer Blakely."

Mr. Parduhn of the department of buildings and grounds told me that some teenagers had taken the equipment and placed it in one of the entrances of the Mecca building. Officer Blakely had spotted the gang, frightened them away, and carried my equipment to Mr. Parduhn's office.

My equipment was saved due to the alert patrolling of the local police force. Thanks, Officer Blakely.

Albert Flyer

Slipstick

The parents of girl going away to college gave a party in her honor. The little sister, only five, was packed off to bed at an early hour. Shortly after midnight the party disintegrated until there were only four couples left in the now darkened living room.

Down the stairway came the five-year-old girl, mad as the proverbial wet hen, her pajamas dripping. She stalked into the room indignantly and confronted each male guest:

"You or you," she declared, pointing to each in turn, "or you or you, left that seat up and I darned near drowned!!"

* * *

Overheard at the cafeteria—

First Cook: Say, the garbage man is here.

Second Cook: OK, tell him to leave three cans today.

* * *

"Gosh," said the fair maiden upon returning from her first horseback ride, "I never thought that anything filled with hay could be so hard."

King Arthur: I hear you have been misbehaving.

Knight: In what manor, Sir?

* * *

Girls are like newspapers: They have forms; they always have the last word; back numbers are not in demand; they have a great deal of influence; they are well worth looking over; you cannot believe everything they say; they carry the news wherever they go; they are much thinner than they used to be; every man should have his own and not borrow his neighbor's.

* * *

Marilyn: Boy, you have to hand it to him when it comes to petting.

Ruth: Why, is he lazy?

* * *

An eminent statesman attended the unveiling of a bust of himself at a university. A young woman came up to him and said: "I hope you appreciate that I have come 50 miles to see your bust unveiled." Whereupon the statesman replied: "I would go 1,000 miles to see yours."

Carbolic Gus

Former GE engineer named to ARF post

Harvey J. Finison, former application engineer for the General Electric Company, has been named assistant chairman of the electrical engineering department of Armour Research Foundation.

Mr. Finison will assume his new duties April 18 according to Dr. E. H. Schulz, chairman of the department.

Until he joined the Foundation staff, Mr. Finison had worked in the Industrial Engineering Division of the General Electric company for five years. He was engaged in the development of electrical systems for aircraft, industrial power system engineering and industry application engineering which included the application of electrical equipment to the mining, glass, cement and rock products industries.

From 1940 until 1944 Mr. Finison was in charge of the test program on electrical system performance on the B-29 bombers and was active in the development of electrical equipment for other military aircraft for the Air Materiel Command.

In his new position Mr. Finison will supervise Foundation work in electrical materials and measurements and the application of electrical systems in industrial control.

ASCE meet next week

Northwestern university will be host to the American Society of Civil Engineers Midwestern student convention Friday and Saturday.

The kick-off session Friday afternoon will feature talks centering around large-scale engineering projects.

A business meeting will be held Saturday morning followed by a luncheon. Field trips to places of civil engineering interest have been arranged for the afternoon.

The closing event of the convention, a dinner-dance, will be held Saturday evening at the Edgewater Beach hotel.

The newly-built Northwestern Technological Institute will be open for inspection by student civils, representing many Midwestern colleges attending the convention.

Industry meet included in Open House

A conference for small industry will be held Friday as part of the annual open house celebration at Technology Center.

Invitations have been extended to employers, owners, and managers of industries in the Chicago area employing less than 750 persons. Theme of the conference will be service to small industry by education and research.

Tours of the exhibits of the school and the laboratories of the research foundation will be featured during the conference.

At a noon luncheon Dr. John T. Rettaliata, dean of engineering, will speak on "The Engineer and Small Industry."

PLACEMENT SCHEDULE

FRIDAY, APRIL 22
Pennsylvania Railroad

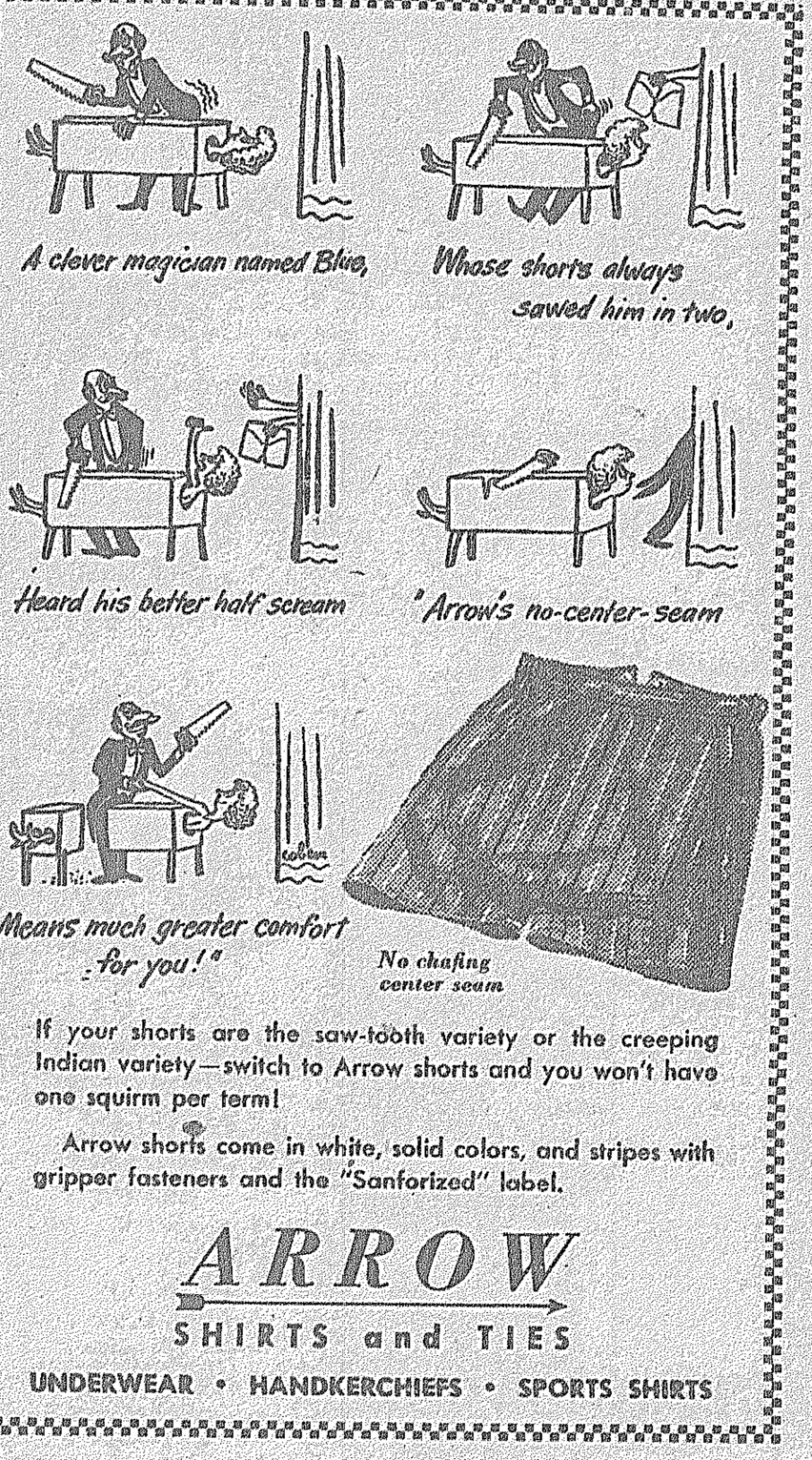
MONDAY, APRIL 25
Continental Can Company

FRIDAY, APRIL 29
-Kimberly Clark Corporation

Tech tours started

A series of Saturday morning public tours of Technology Center will take visitors through modern classroom buildings and laboratories.

Guides will start with the groups at 10 a.m. from the Admissions office on the second floor of the North Union building on 33rd and Federal streets. Groups or individuals may join a tour any Saturday morning. No reservations are necessary.



If your shorts are the saw-tooth variety or the creeping Indian variety—switch to Arrow shorts and you won't have one squirm per term!

Arrow shorts come in white, solid colors, and stripes with gripper fasteners and the "Sanforized" label.

ARROW
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It serves her right!

MARY JANE gives the telephone in her house a real work-out.

But we're not worried a bit. We know Mary Jane's telephone is going to keep right on delivering good service year after year. Because the Bell System puts a lot of time, thought, and testing into making telephone equipment as rugged and trouble-free as possible.

Tests are constantly under way at the Bell Telephone Laboratories. There, for example, new types of telephone instruments are put through a school of hard knocks. Dials and other parts are given strength and wear tests. Even the bottom of the telephone set has been designed and checked to make sure that it will not scratch or stain furniture.

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Come in and see our new assortment of Arrow underwear.

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

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ARROW UNIVERSITY STYLES

Commie library donated to IIT

A complete "Library on Communism" has been given to Illinois Tech by the Civic Educational Foundation of Chicago, John F. White, dean in charge of development, said today.

Consisting of 58 volumes, 17 pamphlets, and 7 periodicals, the library is one of several to be donated by the organization to various institutions in the city.

"We are happy to receive this library," Dean White said. "We believe we cannot fight communism unless our students understand it."

The Civic Education Foundation, comprised of a group of young Chicago civic leaders, is making available to students the most recent and reliable information on communism as part of its program to promote the study of political science and an understanding of democracy.

The 58 volumes include fiction, biography and autobiography, eyewitness accounts of communism in action, and studies of the economic and political philosophy of communism.

Frank to speak at school meet

Mr. S. Frank, president of the Chicago branch of the American Techneon society will speak at an Israel club sponsored all school assembly May 15. The Techneon society is a group devoted to the support and furtherance of technological education in Israel.

Frank will speak on the Haifa Institute of Technology, the only technical institute in the Middle East.

Boder's book on DP's to be published soon

The University Press of the University of Illinois has accepted for publication a volume by Dr. David P. Boder, Illinois Tech professor of psychology, containing a series of wire-recorded reports of displaced people collected in camps and shelter houses of France, Switzerland, Italy, and Germany during the summer of 1946.

Dr. Gordon W. Allport, professor of social psychology at Harvard university, discussing Dr. Boder's manuscript, writes, "It is material that mankind should have wide access to—and ought to be required reading of mankind until the problems so vividly laid before the reader are solved." The book is expected to come off the press by the end of August.

Man of the Week

'Chief' sparks TN to more, better news

A slim, gumcracking man strode into the newspaper office. "Isn't that damn copy ready yet?" he demanded as he glanced at the clock. David Drummond Pasik—"the chief" of Technology News"—had arrived.

This eighth term EE has put the paper on a new basis. More news, better promotion for school activities are his policy. His innate self-confidence and stubbornness are the driving force behind this most important of his numerous activities.

His duties as editor-in-chief veritably constitute a full-time job—he is the first to endure the burden for two full semesters. "Schoolwork has been a part-time activity for me this year," Dave admits.

Under Dave's direction, Technology News has transferred to a union printing shop and a rotary press, adopted a new, faster publication schedule, and expanded to a minimum of eight pages, all sporting a modern make-up.

DAVE PASIK

Dave is a genius at shoving work off on other people—a process that he terms "delegation of authority." Says Makeup editor Ted Purzycki, "Dave's vocabulary consists of three words — 'Incidentally,' 'Excellent,' and 'Bah!' But I'd rather hear him talk than listen to him pop gum and whistle off-key."

Dave has sparked the functions of a multitude of campus organizations. In fact, a tabulation of his activities reads like an excerpt from "Who's Who." (It is—see page 273 of "Who's Who in American Colleges and Universities.")

Having been named as the outstanding sophomore EE in 1947, Dave went on to win the outstanding news writing award of Pi Delta Epsilon in 1948. No wonder Ginny Dorociak, the chief's girl Friday (through Thursday), has a rugged time keeping his keys polished, for they number a baker's dozen. Confronted with the jackpot question, "how does one take part in all these activities and still ring up a 2.69 point average?" Dave hints that accomplishment is a family trait. Without further provocation, he'll tell you about his brother Donald, 12, whose astronomical IQ won him second place in the Cook County spelling bee last fall.

Although Dave turned 20 last March 23, this long, lanky lad has ample justification for his abundant self-confidence. Evidence: for three consecutive years he has won the William J. Cook scholarship, a handy $480 per annum.

Dave puts the polishing touches on Technology News late on Thursday nights in the printer's composing room. There he frequently writes his personal column, "As I See It," after midnight. One such column concerning the Chicago typographical strike later was reprinted with comment in the union's national publication.

It sounds as though Dave only goes to lectures to sleep and rest, but he is not without definite opinions on education. He doesn't favor the too-technical preparation which many engineers would seek. As he wrote editorially, "I believe that the education and experience offered the student in the management option more fully equips him to handle any type of job, engineering or otherwise." If past performance is any guarantee of future practice, Dave should put it to good use.

On-campus men start local culture forum

The first in what is hoped will be a series of meetings of an IIT cultural group will be held May 11 at 7:30 p.m. in the MC auditorium.

"World Federation" will be the featured topic of the May 11 meeting. Two speakers will discuss the subject, and films will also be shown.

The affair is free and open to all interested students. Dave Halperin, chairman of the new group, stated, "We hope that the success of this meeting will insure continued forums such as this for our new campus life."

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So round, so firm, so fully packed — so free and easy on the draw

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VOLUME 48, NO. 22
TECHNOLOGY NEWS
APRIL 22, 1949

Junior Week

Illinois Tech's doors open wide!

Four days of student play due

Illinois Tech's gates to another Junior Week stand open to the world at large, the general public and to all seekers of fun and knowledge who have the strength to walk through them.

Fraternity Row's chaos of color is the result of a combination of exterior decorating, ingenuity and $25 on the part of the members of each of these organizations. Beta Omega Nu, donor of the two trophies, will award one to the winner of the competition among the six fraternities quartered in Brown hall, and the other to the most strikingly decorated of the six individual houses. From this comparatively placid setting, the curious are led to another chaos—living, swarming humanity, attempting to get a glimpse of the activities taking place on the steps of the Chemistry building.

Progressive jazz by Bill Russo heralds the official opening of the Junior Week program. This fifteen-minute musical treat immediately precedes the crowning of the Man and Woman of the year, chosen by the student body at the polls March 25. With this introduction, the activities of Junior Week-Open House move to adjacent Ogden field and the buildings of the campus.

Volleyball takes the center of the stage when the White Collar Girls meet our coeds on Ogden field at 12:30. The victorious team will then meet Honor I pledges to determine the supreme champion. Unaccustomed feminine garb, pipes, and a smoulder-

(Continued on page 2JW)

JUNIOR PROGRAM WEEK

TIME	EVENT	PLACE
Wednesday		
12:00 noon	Official opening—Music by Bill Russo and band	Steps of CB (NSU Aud.)*
12:15 p.m.	Crowning of Man and Woman of the Year	Steps of CB (NSU Aud.)*
12:30 p.m.	Volley Ball: Coeds vs. secretaries	Ogden field (Gym)*
	Winner vs. Honor I pledges	
1:00 p.m.	Turtle race	Ogden field
2:00 p.m.	Experiment in Jazz—Russo and band	NSU auditorium
3:30 p.m.	Senior—Faculty softball game	Ogden field
7:30 p.m.	Rough Castings musical	NSU auditorium
9:00 p.m.	Street dance	33rd and Dearborn streets
	Fashion show at dance	(NSU Aud.)*
Thursday		
10:30 a.m.	Interclass softball: Frosh vs. Sophs; Juniors vs. Seniors	Ogden field
1:00 p.m.	Interclass track: Tug of war; Three legged race;	Ogden field (Gym)*
	Potato sack race	
1:30 p.m.	Chess meet	NUS lounge
2:30 p.m.	Rough Castings musical	NSU auditorium
7:00 p.m.	Orchestra concert	NSU auditorium
8:00 p.m.	Interfraternity sing	NSU auditorium
Friday		
10:30 a.m.	Interfraternity track meet	Ogden field
1:30 p.m.	Barber Shop Quartet contest	NSU auditorium
2:00 p.m.	Interclass volley ball	Ogden field (Gym)*
3:30 p.m.	Model airplane contest	Ogden field
4:00 p.m.	Baby contest	NUS lounge
7:30 p.m.	IIT band concert	Steps of CB (NSU Aud.)*
8:30 p.m.	Rough Castings musical	NSU auditorium
Saturday		
10:30 a.m.	IM Invitational Softball tournament	Ogden field
1:30 p.m.	Interfraternity pageants	NSU auditorium
9:30 p.m.	Junior Prom	Casino room—Congress hotel

CONTINUOUS EVENTS

Alumni show	MC auditorium
Armour Eye photo contest	MC lobby
Fraternity house decorations	Michigan avenue

*NOTE: Places in ( ) are in case of rain only.

Departments show off to visitors

Enthusiasts, laymen and hobbyists addicted to psychology, government, language and literature, any field of engineering, and a host of other fields will be accommodated in the second major part of campus activities—Open House.

Students in the Civil Engineering department have prepared exhibits on structural mechanics, soil mechanics, material testing, jet propulsion, fluid mechanics, model airplanes, surveying and sanitation to be displayed from 1 to 10 p.m. on Wednesday, Thursday and Friday in the basement of Main, first floor of Chapin Hall, and rooms 202 to 205 Chapin. The IIT chapter of the American Society of Civil Engineers will highlight the display by showing color movies of the surveying done at Camp Armor during the summer.

Demonstrations of the jet propulsion, deisel, steam and gasoline engines, the driving powers of transportation and industrial machinery, will be the keynote of the Mechanical Engineering department's exhibits. The basement, and the 1st, 2nd, and 3rd floors of Machinery hall will house the show in which spectators will also "see" the roaring noise of an internal combustion engine on an oscilloscope. There will also be illustrations of heat exchange principles in actual experiments with live steam, freon-12 refrigerant acting in compressors, pipes and pressure guages, effects of streamlining on automobile bodies in the 150 mph wind tunnel, and slow-

(Continued on page 3JW)

Jr. Week enlivens campus

(Continued from page 7)

ing cigar or two may, as in the past, make the pledges easy prey.

★Turtles trot

Thirty-six calm, unconcerned individuals exist in the midst of this feverish activity—turtles who don't worry about races. Their mettle will be tested on Ogden field at 1 p.m., with coaxing coaches on the sidelines urging the entries onward in the preliminary and final heats. The pride and joy of clubs, honoraries, and fraternities on the campus, these reptiles, accompanied by cheers and the dull thud-thud of their feet on the field, will seek the line defining the circumference of a 15-foot circle.

★Jazz in NU

Jazz, Bill Russo style, will again capture the attention of Techawks and guests, this time from the stage of the North Union auditorium. The hour and a half program, "Experiment in Jazz," will be emceed and explained by George Haeffer who writes the "Hot Box" column for Downbeat. Everything from subtle be-bop to not so subtle ensemble work will be presented by the 23-piece group.

★Faculty softball

The annual Senior-Faculty softball classic Wednesday afternoon promises to be a memorable event. Rumors indicate that the faculty, with Sonny Wiessman as its guiding star, has pulled together a club capable of giving the upperclassmen a battle they won't soon forget. Seventh and eighth term greats of intra-mural and interfraternity teams, on the other hand, will be welded into a competent unit attempting to uphold student prestige.

★Laffs with music

North Union auditorium will again be the center of attention Wednesday evening, Thursday afternoon and Friday evening. Rough Castings' production "Don't Call Me Madam," an original musical comedy, is a satire on life in a rural community invaded by an IIT graduate. It promises many laughs and a full two hours entertainment.

★Dance in street

The after-theater crowd will find it unnecessary to travel off the campus to complete the evening. Beauty will parade in the finals of the fashion show during the intermission of the Sophomore Open Air dance. Tripping the light fantastic under the stars to the music of Al Freel's eight-piece band will provide that final romantic touch.

★Interclass sports

Thursday will find the stalwarts of IIT engaged in interclass softball and track competition. A softball elimination tourney of five-inning games will open the day's activities at 10:30 a.m. A tug-o'-war, a three-legged race, and a potato sack race, and feature events of the track competition will start at 1 p.m.

★Pop concert

Tuneful talent comes to the fore Thursday evening in the North Union auditorium. An hour pop concert by the IIT orchestra at 7 p.m. will be followed by the traditional inter-fraternity sing. Competition reaches a peak in the latter event this year with Delta Tau Delta trying for a third consecutive victory and permanent possession of the trophy. Twelve groups will take part, with two sororities and Beta Omega Nu furnishing additional entertainment. Bob Atcher, feature singer of the WLS ABC club will join Ted Daum and Katherine Harvey of the Research Foundation in judging the contestants.

★Flying spikes

Another hotly contested interfraternity event, the track meet, opens activities at 10:30 a.m. Friday. More conventional than the inter-class meet, 100, 220, 440 and 880-yard races, and shot-put, high jump and broad jump contests will be featured. It is possible that the sororities will be in evidence to add beauty and charm to the bitter battle.

★Close harmony

While the musically minded will find the barbershop Quartet contest in the North Union auditorium at 1:30 p.m. most enjoyable, those with athletic interest will return to Ogden field at 2 p.m. to witness inter-class rivalry in volley ball. Both attractions promise fine entertainment.

★Baby capers

Music to an IIT parents' ear will be in evidence at 4 p.m. in the North Union auditorium. The baby contest, a popular event last year, will be under way with entries in three age groups—6 months to 1½ years, 1½ to 2½ years, and 2½ to 4 years—vying for honors. Loving cups of suitably graduated sizes will be awarded to the proud parents of winners.

★They really fly

Definitely non-musical to other than an enthusiast's ear, but thrilling to all eyes will be the model airplane contest on Ogden field from 3:30 to 4:30 p.m. Speed, stunt and streamer chewing contests will determine the winner of the grand prize—a new engine.

★IF pageants

Following a break for dinner, the musical and dramatic again capture attention. An hour concert by the IIT Band from the steps of the Chemistry building at 7:30 featuring classics and marches will be followed by the final presentation of the Rough Castings production "Don't Call Me Hadam" in the North Union auditorium.

★Final touch

The invitational softball tournament will be run off Saturday starting at 10:30 a.m. Colorful inter-fraternity pageants, each depicting some phase of IIT campus life, will follow at 1:30 p.m. closing the Junior Week activities on campus.

THIS YOUNGSTER doesn't know whether or not to enjoy the antics of clown Tom Murray, who will be on hand to dispense gifts to the small fry during the Baby Contest, scheduled for 4 p.m. Friday in the North Union lounge.

HE's plan food exhibit

Exhibits prepared by the Home Economics department will be illustrative of the work offered in the fields of foods and nutritions, textiles and clothing, and related arts. Techniques in applied design and problems in textile buying will be demonstrated by students in room 204 of the Metallurgy and Chemical Engineering building. Containers and market data on the relative cost and comparative nutritive value of orange juice from various sources will be shown.

Open House up in lights

Publicity for Open House will be written in lights by the electrically operated Pabst Blue Ribbon sign in Chicago's Grant Park.

The campaign to attract visitors was initiated by colored stickers of playing card size being given to students for distribution. Forty-five hundred descriptive posters were sent to industrial organizations to be mounted on their bulletin boards.

Students, their parents and friends, as well as members of industry and high school groups, were showered with 45,000 invitations. In addition, city newspaper coverage and radio spot announcements are planned to boost last year's record attendance of 25,000 to a new high of better than 30,000 visitors.

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A handsome new masculine COLOR for your raincoat

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From the palettes of color artists . . . comes this smart, new platinum-like raincoat . . . a fine blending of all of the important features of rainwear design. 100% waterproof. Fly front with zipper closure, convenient 2-way pockets, free-action ventilated yoke back and underarm vents. Electronically sealed flat seams for greatest strength and proper drape. Handy carrying pouch to match.

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South Student Union

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Plan for record crowd

(Continued from page 7)

motion working gear trains and linkages to demonstrate machine design principles.

★ Voice records

In addition to the regular exhibits and pictorial presentations, the department of Language, Literature and Philosophy has two special features planned. From 1 to 10 p.m. on Wednesday, Thursday and Friday the department will give visitors the opportunity to make free recordings of their own voices. The second feature is a free showing of the movie "Grapes of Wrath," the original plot having been written by John Steinbeck. Major exhibits consist of request playings of musical and dramatic records, illustrations of basic semantic principles, and a pictorial criticism of a selection of poetry showing a critic's idea of the different points of view that might be taken. This entire show may be seen in the lounge of the South Union.

★ Blood tests

The Biology department will conduct tests on visitors to determine one's blood type and RH factor in rooms 222 and 220 of Chapin Hall on Wed. from 4 to 9 p.m., Thurs. from 10 a.m. to 9 p.m. and Fri. from 11 a.m. to 9 p.m. Other attractions will include experiments on enzyme activity, with reference to catalase and urease, and the production of kojic acid crystals by molds. Plant growth will also be demonstrated in a soilless garden.

★ Hot copy!

Technology News will carry visitors through every step in the production of a student newspaper as its contribution to Open House activities. Innovations in the process, such as rotary plates and sterotype mats will be among the features.

★ Sneak preview

The Integral staff will be the host of the visitors from 1 'til 10 p.m. on Wednesday, Thursday and Friday. Elements of the yearbook under construction will be highlighted by a preview of the 1949 edition. Pictures to be used in this year's book, as well as some of the original artwork, will be mounted for inspection.

★ Rube Goldberg

The Physics department will have apparatus out in full force for Open House. Amid the weird lights of cathode ray tubes and spark discharges, experiments in electrostatics and light polarization will be conducted in rooms 101 and 102 and rooms 104-B and 309, all in the Physics building.

★ Think fast!

The psychology department will provide variety in its experiments which range from maze learning by rats to action potentials of frogs' hearts. Psychological motion pictures at 2, 4 and 7 p.m. and group vocational tests will be given in addition to on-the-stage demonstrations pertaining to reaction time, hearing, and vision. Room 5 of temporary building 2 will house this show.

★ Big money

A model standing 11 ft. high and 20 ft. wide depicting the distribution of industry's gross income will be the high spot of the BE exhibit in 103-104 MC from 1 to 10 p.m. Wednesday through Friday. Along with this is an electrically operated I. Q. board with which to test the visitors' economic I. Q.

★ Safe place

Fire Protection and Safety Engineers will demonstrate fire and electrical hazards on the domestic scene with the latest methods for combating these perils. These exhibits may be witnessed on Wednesday, Thursday and Friday in rooms 101 and 102 of the Metallurgy and Chemical Engineering building and on the corner of 33rd Street and Dearborn. Traffic safety and signaling equipment, driver reaction tests, chemical extinguishers, and hearing tests with an audiometer will also be included in the department's program.

★ Factory setup

I. E. juniors will participate in a display in room 108 MC from 1 to 10 Wednesday through Friday representing a factory with the following departments: personnel, general offices, accounting, engineering, production control, material control, quality control, standard, and factory. Through this plan, in which students organize the factory and set up production, the many ways in which industrial engineers are integrated in industry are illustrated.

★ Panorama

The alumni show, a continuous event, is entitled "Headlines of the Century." The program consists of actual newsreels and includes picture coverage of such historic events as the Boxer Uprising, breaking ground for the Panama Canal, the Armistice in Paris after the first World War, and the goldrush in the Klondike. The pictures themselves will take an hour and will be followed by a program of special interest to IIT's alumni. The program will be offered from 1 'til 5 p.m. and again from 7 to 10 p.m. in the auditorium of the Metallurgy and Chemical Engineering building on Wednesday, Thursday and Friday.

CHARLES PRICE hefts his tow line glider in preparation for the Model Airplane contest to be held at 3:30 p.m. Friday in Ogden field. First prize is an engine for one of the small craft.

Interfraternity sing to feature women

This year, for the first time, the Interfraternity council has invited the sororities through the Pan Hellenic council to sing as individual organizations during the interfraternity sing. Delta Zeta and Kappa Phi Delta accepted the invitation. The girls will not take part in the competition, but will provide variety and change of timbre for the listening audience. Delta Zeta, directed by its song leader, Anita Court, plans to sing the "Delta Zeta Love Song." Led by Virginia Rezabek, Kappa Phi Delta will present a selection entitled "Let Him Go, Let Him Tarry." This makes the girls sound a bit undecided, but they really are going to sing.

Films, shows are lures at IGT, ARF

Armour Research Foundation and the Institute of Gas Technology have announced that they will place their modern research facilities on display to Open House visitors from 3 to 10 p.m. on April 27, 28 and 29. Guided tours will be conducted through their buildings, and explanations in each department will clarify the application of scientific techniques and expensive precision instruments to research problems. Movies depicting the history and methods of natural gas distribution will be shown at 3, 4, 7:30 and 8:30 p.m. each day.

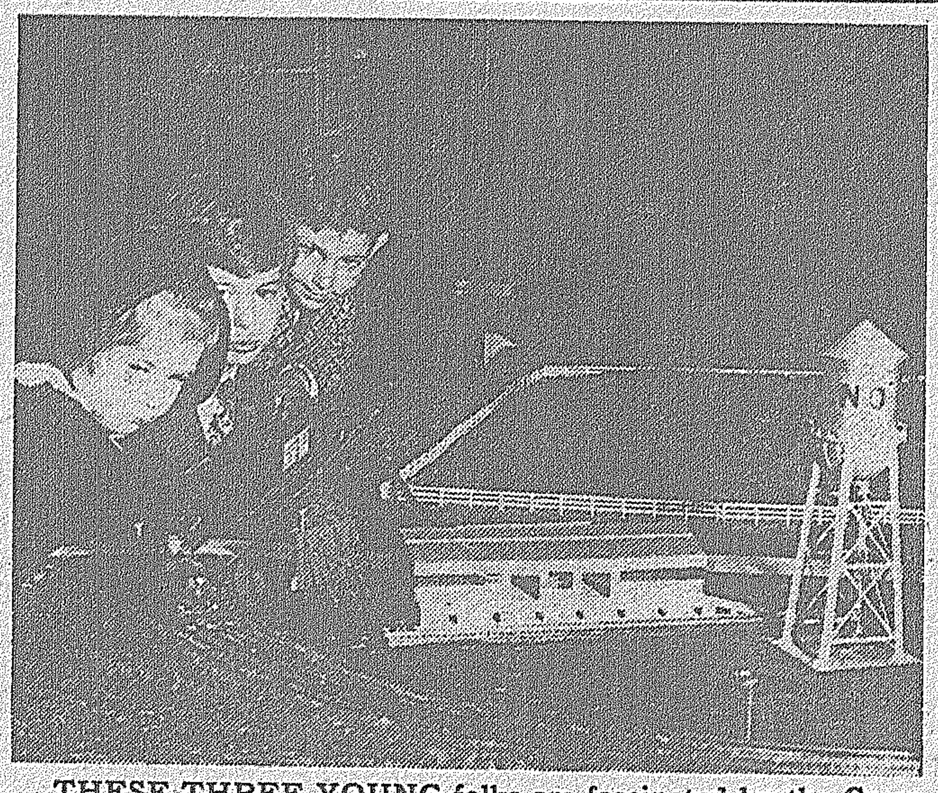
Wood by-products will be transformed by chemical treatment into a workable material from which quality furniture is constructed.

The magic of voices captured on a flying wire will be illustrated by the famed magnetic wire recorder developments. Showering sparks and glowing hot metal will highlight the induction heating, welding, and foundry processes in the metallurgy exhibit. Visitors will witness the action and flow of oil under pressure as lubricants in experimental engines.

Advances in gas technology which will bolster the natural petroleum supply will be shown. The catalytic cracking of shale and other solids to synthesize the fuel of the future can be viewed.

High temperature reactions in quartz-like tubes will demonstrate the water gas manufacturing process.

Heat treatment, industrial welding, and annealing of glass will be accomplished by the use of newly designed, efficient industrial gas burners.



THESE THREE YOUNG folks are fascinated by the Camp Armour and Boulder Junction Model railroad, in operation on fifth floor, Main. Motion pictures on both real and miniature railroading will be shown from 1 to 10 p.m.

Profs will pool talents to pick prettiest baby

There will be wailing and gnashing of teeth in the North Union auditorium at 4 p.m. Friday as contestants between the ages of 6 months and 4 years arrive on campus to participate in the baby contest.

This is no doubt an unwarranted statement in view of the fact that Tom Murray, junior IE, will endeavor to make the kiddies laugh as only a clown can, and Tom is an experienced clown. An entertainment aid will consist of dozens of brightly colored balloons and rubber balls.

Judging this year will be accomplished by a board of five competent people. They are Mrs. Marie Spencer, instructor in the business and economics department; Mrs. Helen L. Stevens, assistant professor of English; Roland A. Budenholzer, professor of mechanical engineering, and the Man and Woman of the Year.

Three of these people have had past experience, Mrs. Spencer and Mrs. Stevens having been among last year's judges, and Professor Budenholzer having taken his place among the authoritative dignitaries the year before last. A number of grandchildren add to Professor Budenholzer's qualifications and two daughters to Mrs. Stevens'.

Personality and overall appearance are the two points to be considered in choosing winners of the three classes, which consist of ages 6 months to 1½ years, 1½ to 2½ years, and 2½ to 4 years. A loving cup will be awarded to each of the victors.

Tour List for Open House

Physics building
- Physics—101-104, 104B, 309

Chapin Hall
- Civil Engineering—102, 105, 108, 111, 114
- Institute of Aeronautical Sciences—202, 205
- Foreign Students Association—214
- Biology—220

South Union
- Language, Literature and Philosophy—lounge
- The Integral—lounge
- **Technology News—Technology News office**

Engineering Research building
- Armour Research Foundation

Temporary building 2
- Psychology—4, 5, 7
- Yacht club—3

Metals Research
- Armour Research Foundation

Main
- Electrical Engineering—101, 104, 201, 202, 301
- Technical Drawing—416, 501, 502, 504, 505
- Intervarsity Christian Fellowship—305
- Model Railroad club—600
- Civil Engineering—Materials Testing laboratory, Hydraulics laboratory

Machinery Hall
- Mechanical Engineering—basement, 1st, 2nd, 3rd floors

Automotive laboratory
- Mechanical Engineering—entire laboratory

Chemistry building
- Chemistry—entire building

Alumni Hall
- NROTC—116A, 117A, 217A, Armory
- Architecture—118, 201, 203, 205, 212, 215, 216, 218
- Mechanics—116

Metallurgical and Chemical Engineering building
- Fire Protection and Safety Engineering—101, 102
- Business and Economics—103, 104
- Industrial Engineering—108
- Chemical Engineering—109, 116-126
- Alpha Chi Sigma—109
- Institute of Gas Technology—1st floor lobby
- Israel club—2nd floor lobby
- Armour Eye—1st floor East corridor
- Institute of Psychological Services—202
- Mathematics—203
- Home Economics—204
- Metallurgical Engineering—215-217, 209, 215-219, 222, 231-234, 237, 238

State Street building
- Institute of Gas Technology
- Armour Research Foundation

Junior Prom winds up hectic week

Soft light and sweet music in the Casino Room of the Congress hotel will disclose the non-technical side of engineers Saturday evening.

The Junior Prom, climaxing the events of Junior Week, will find Techawks and their girls gliding across the floor in formal attire to the rhythms of Bill Russo's orchestra. The danceable tunes of this group, composed of 10 of the 23 musicians who will present "Experiment in Jazz" Wednesday, will be interrupted to provide an occasion for the awarding of trophies and prizes won by competing groups during Junior Week.

Emcee John Christian will introduce Henry Heald, president of IIT, for a short introductory speech. Immediately following, Dick Roberts, chairman of the awards committee, will take over to make presentations to the deserving parties. Among the awards to be made are a plaque to the department judged to have the best Open House exhibit, and as an innovation, an award to the most active class at IIT.

The bids at the Prom are rumored to be unique this year. While their exact nature has not been revealed, it is reported that they are small, compact, and personalized.

Wizard of chess plays blindfolded

IIT chess enthusiasts will witness a remarkable feat of memory during the Junior Week Chess meet Thursday. Albert Sandrin, master of the ancient game, will demonstrate his ability to win at chess blindfolded. Playing five games simultaneously, his mental prowess will be taxed by the seemingly impossible task of picturing the changing positions of the pieces.

This mental discipline has a very practical value to Mr. Sandrin. Informed by doctors that his sight is failing, he wishes to attain a high degree of skill in sightless play so that he may continue to engage in competition in the future.

'Castings' bow

By Leonard Druian

When Robert Bushelle planned a skit for the senior class two years ago, he never realized that it would be the beginning of a new all-male dramatic group called Rough Castings. The name was adopted last year when Bob with the help of Joseph Riley put on a musical during Junior Week entitled "I'm a Genius."

Today Rough Castings is a permanent all-student campus organization which has doubled in size since last year. The group brings you this Junior Week an entirely new and bigger show with 15 songs which you will hum for weeks afterward, and a cast of 25 characters engaging in typical small-town antics which should keep you laughing for some time. The title: "Don't Call Me Madam," by Robert J. Bushelle.

The cast includes Tom Murray as the town constable, Howard Zimmerman as "Ma," Mort Peltzman as the banker, Ralph Stusrud as Charlie Dorne, Svend Ohrvall as Peg, Marshall Stein as Salome, Thaddeus Zagula as Savin' Sam the preacher, and Bob Zevitz as Jim Carter.

The orchestra for the show will be a group of student electrical engineers, the "Short Circuits," under the direction of John Tyner.

Hank Loewenthal and his crew have been clamoring over the stage in the North Union the last two weeks, painting scenery, building props, and planning the light-

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TECH SPORTS

Tech nine wins in season opener, 6-3

By Ed Jennings

Bob Leiser's brilliant four hit pitching and a bit of shaky fielding on George Williams' part were the chief factors leading to victory for the Scarlet and Gray in their initial game last Tuesday. Bob proved again that he is a real mound artist as he bore down to whiff 13 batters while giving up only two walks and one earned run.

The Techawks four run second inning started off when Maatman's grounder went through the second sacker's legs. After Melgaard was called out on strikes Leiser reached first on an error, Maatman taking third and then scoring as DeLazzero was safe on a bad throw.

After DeLazzero stole second, Castalis drove in Leiser and DeLazzero with a solid single through the box, reaching second on the throw to the plate. Ros then connected for a single, scoring Castalis with Tech's fourth marker of the inning.

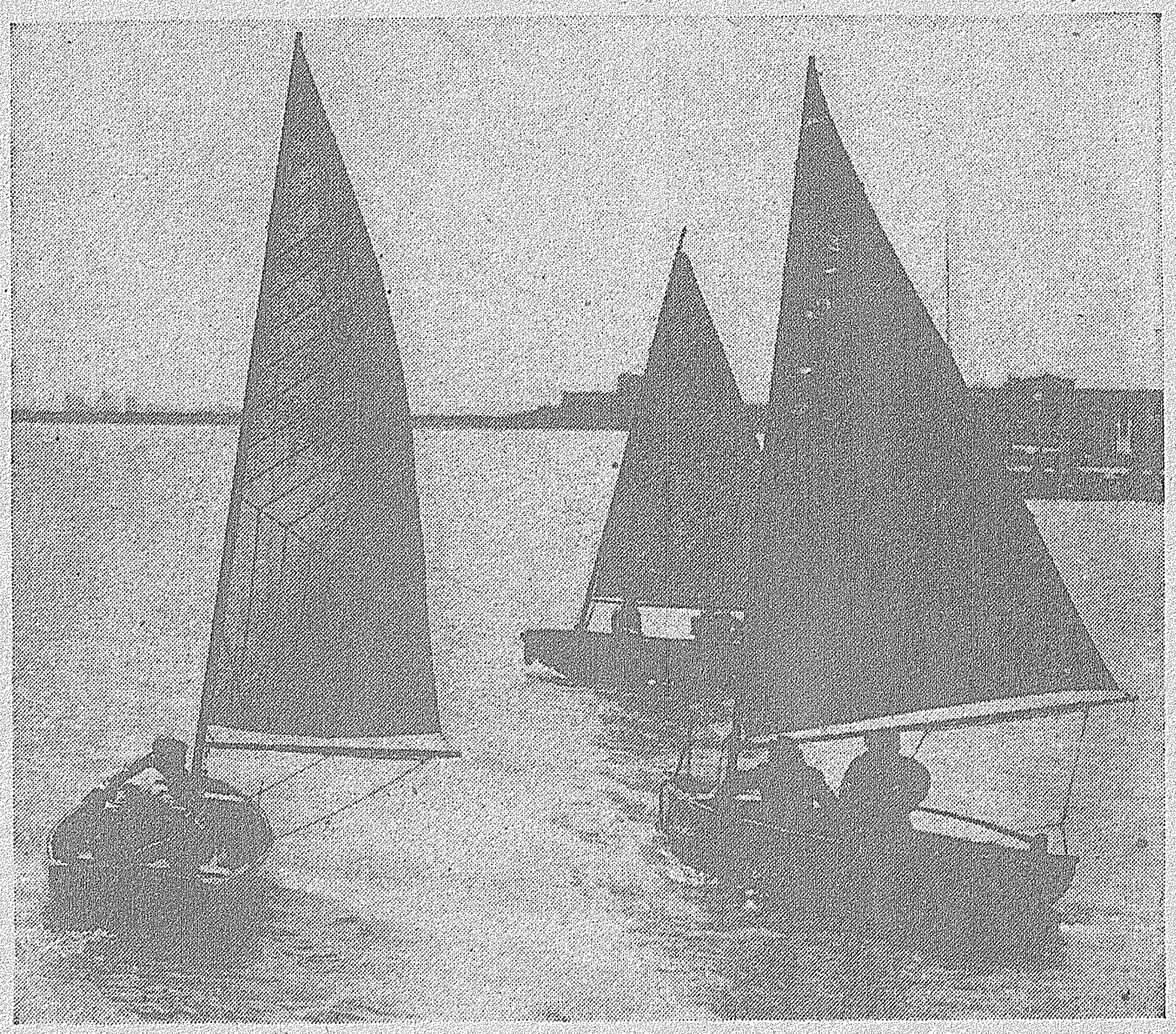
The Techawk's other scores came when Joe Bass singled Leiser home in the fourth, and in the eighth when DeLazzero singled Melgaard in with the final run of the game.

BOX SCORE

IIT	AB	H	E	G. WMS.	AB	H	E
Ross rf	3	1	1	Howells 3b	2	0	1
Gran't 2b	5	2	0	Boyle 3b	1	0	1
Hoffm'n lf	4	2	0	Wilson ss	4	0	1
M'tm'n cf	4	1	0	McC'toc 2b	3	1	1
Melg'd 1b	4	0	0	Gestant 1b	3	1	0
Leiser p	3	2	0	Ralston rf	3	0	0
DeL'z'ro c	3	1	0	Boldoc rf	1	0	0
Cost'is ss	3	1	2	VanB'n cf	2	0	0
Lokay 3b	1	0	0	Gabriel cf	2	0	0
Bass 3b	3	1	0	Daly lf	3	2	0
				Zitzer c	4	0	0
				Blasko p	4	0	0

GEO. WMS.	000	300	000	3	4	4
IIT	040	100	01*	6	11	3

Glancy's master-minding looked sharp when he inserted Joey Bass as a pinch-hitter in the last half of the fourth, with Tech ahead by a single marker, only to have little Joe slash a single to left to produce the insurance run.



DYER D-TYPE dinghies jockey into position during the recent first annual Easter Triangle Regatta. The boat at the lower right, manned by Tom Gunderson and Lenn Haugh of Northwestern, finished second to IIT in a very close race.

Sail to one point win in first meet

By Irv Rebeschini

The Scarlet and Gray yachtsmen hit the big time Saturday at the Columbia Yacht club, when they eked out a one point victory over the Evanston Wildcats and the Chicago Maroons in the first annual Easter Triangle Regatta.

Although only winning the second of five scheduled races, the Techawks tallied 24 points to 23 and 22 for Northwestern and Chicago, respectively. The second place Wildcats were declared winner in the final event and the Midway sailors finished ahead of the field in the first and third race.

Northwestern and Chicago, both presenting more experienced teams than the embryo IIT aggregate, dropped nine and four points respectively due to certain rule infractions.

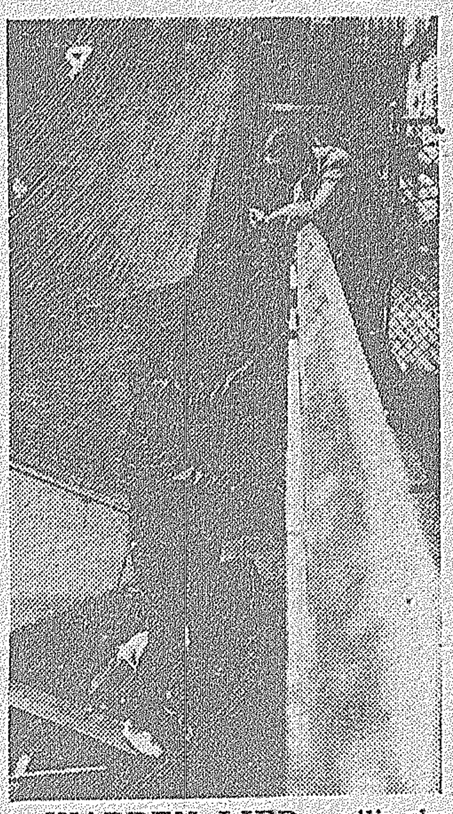
The second race was a battle all the way as Sig Nelson and Dick Davoust kept their IIT dinghy neck and neck with the boat sailed by Tom Gunderson and Lenn Haugh of Northwestern. Both racers were two lengths ahead of the fleet throughout the entire event.

The team will journey to Michigan tonight to participate in the third annual Michigan Invitational Regatta to be held April 23 and 24 on Whitmore Lake near Michigan State College. Boats to be used will differ from the standard "Dinghy-D" type in that they are pointed at both bow and stern. These small racers measure 11½ feet in length and appropriately termed "Double Troubles."

Along with the lengthy racing schedule under way, the Sailing club has planned a swimming party to be held on April 26 at 8:30 p.m. in the Keenan club, 4600 West Madison.

RESULTS OF SAILING MEET

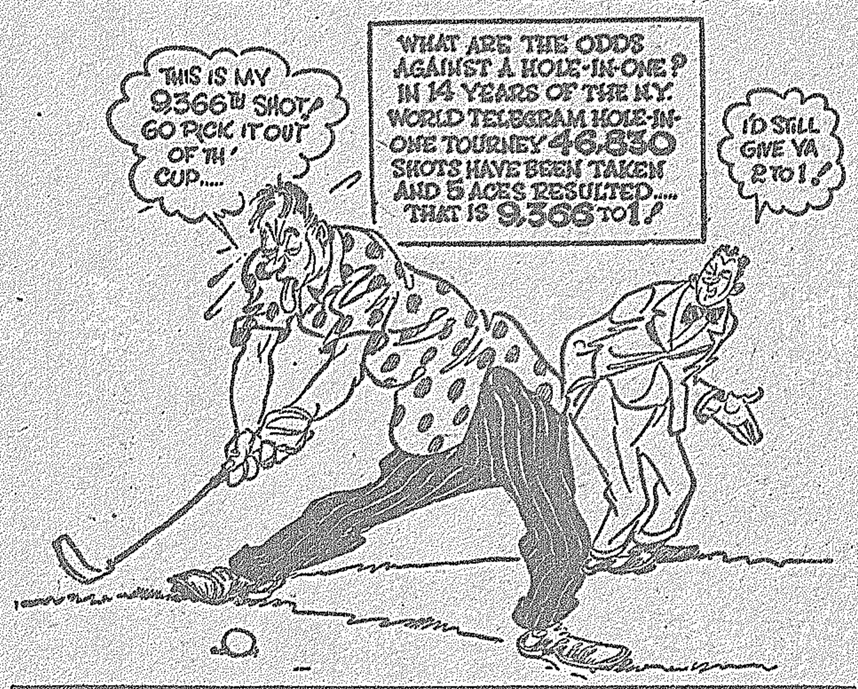
Race	Place	Points	School	Fourth	1	5	*NU
First	1	5	Chi		2	4	*Chi
	2	4	NU		3	2	IIT
	3	3	NU		4	2	IIT
	4	2	IIT		5	1	NU
	5	1	IIT				
Second	1	5	IIT				
	2	4	*NU	Fifth	1	5	NU
	3	3	Chi		2	4	IIT
	4	2	Chi		3	3	NU
	5	1	NU		4	2	Chi
Third	1	5	Chi		5	1	Chi
	2	4	NU				
	3	3	Chi				
	4	2	IIT	*Lost indicated points due to rule infraction.			
	5	1	IIT				



WARREN LIEB smilingly comments with Coach James Tyson as he climbs ashore after a grueling race.

The Illinois Tech Sailing Club practices every Tuesday and Thursday on Lake Michigan at the foot of Monroe Street. Anyone interested in sailing either as a recreational activity or as a competitive sport is cordially invited to attend. Students who wish to participate in these sessions should contact either Dr. James Tyson, Armour Research Foundation, or Dick Davoust, Delta Tau Delta.

SPALDING SPORTS SHOW



Improve your game in '49 with these new Spalding Golf Clubs. Precision weighted for power with a choice of lighter, stronger shafts.

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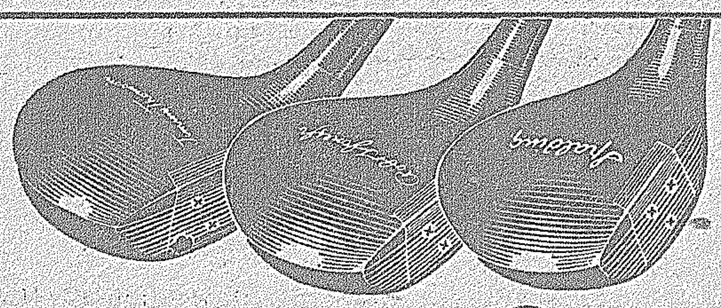

SPALDING SETS THE PACE IN SPORTS

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

new Vaseline cream hair tonic

LET'S WATCH OUR TEAMS WIN!

Trackmen to oppose Elmhurst

By Dave Miller

While the thrill of victory is still fresh in their minds, the Techawks will again play host in another meet on Ogden field tomorrow at 1 p.m. Though extending the welcome mat to the visiting team from Elmhurst college, the team has in mind another shellacking such as the 90-43 beating they handed to Navy Pier on the 9th of April.

With their schedule interrupted by Spring vacation, the thinclads will attempt to establish a winning streak of two meets before meeting Bradley on April 30.

The Blue Jays from Elmhurst are out to avenge the 76-64 defeat handed them on their home track last season, while the Techmen intend to keep clean a slate that extends back to 1945.

The boys won every event except the shot put and broad jump to give the crowd, which amounted to 200 at one time, many chances to see the home team win. As usual, Milt Cox lead the scorers with 16 points. Milt won the high jump and both hurdle events but had to be content with third in the broad jump due to inability to find the take-off board. John Gautier picked up points by winning the discus and placing second in the pole vault and javelin.

Al Ashurst turned in a fine performance by winning both the mile and two mile runs going away. Owen Dykema came from behind on the final straightaway to win the quarter and later was closest man to captain Jim Sauer, who won the half mile with ease.

Results:

MILE—Ashurst, IIT, Gaughan, NP, Randisch, IIT—4:46.
POLE VAULT—Ellingson, NP, Gautier, IIT, no third—9'6".
JAVELIN—Yahiro, IIT, Gautier, IIT, Grandos, NP—No distance.
HIGH JUMP—Cox, IIT, Fisher, NP, Conniff, IIT—5' 8".
440-YARD—Dykema, IIT, Ernest, NP, Cahill, IIT—0:54.3.
100-YARD—Baumgartner, IIT, Granowski, IIT, Connell, NP, 0:10.6.
SHOT PUT—Grandos, NP, Gautier, IIT, McGinnis, NP—38' 10⅜".
100-YARD HIGH HURDLES—Cox, IIT, Lincicome, NP, Wingate, IIT—0:13.8.
880-YARD—Sauer, IIT, Dykema, IIT, Cahill, IIT—2:09.2.
220-YARD—Grabowski, IIT, Ernest, NP, Giorolnic, NP. 0:24.6.
BROAD JUMP—Connell, NP, Yahiro, IIT, Cox, IIT—20'3⅞".
DISCUS—Gautier, IIT, Grandos, NP, Ramer, NP—107' 7".
2-MILE—Ashurst, IIT, McGinnis, NP, Kohler, IIT—10:45.3
220-YARD LOW HURDLES—Cox, IIT, Lincicome, NP, Miller, Wingate, IIT—0:28.3.

Net men to host Valparaiso U

By Florian Potocki

The first home match of the season for the tennis squad will take place on the Armour Square courts tomorrow at 2 p.m. Opponents for the netters will be Valparaiso University.

Led by the veteran Irv Buchstaber, the IIT tennis team presents a hard hitting and well balanced attack that promises to make them definite contenders during the coming season.

The men from Tech face a tough sixteen match schedule and are pitted against such outstanding opponents as Wayne university, the University of Chicago and Marquette university.

Particularly impressive has been the work of Captain Irv Buchstaber. The power and accuracy of his backhand as well as a rapidly developing forehand have literally handcuffed his opponents. A great deal of the credit for his rapid improvement as well as for the unusually fine caliber of play of the team must be given to Coach George Jennings. Under the watchful eye of Jennings the play of the men has taken on a new luster in a short length of time.

A great deal of help is also expected from newcomers Norm Taxman, James Skipper, Dick Vana, Bill Mattern, Bob Paluchowski, and veterans Bob Hall and Bob Zietlin.

Tech faces Foresters tomorrow

By Leo Kiley

Our weather-weary Techawk baseball team goes into tomorrow's home feature with Lake Forest with high hopes of running their win streak to three straight. The game will start at 2 p.m. and will be played at Armour Square Park, just two blocks west of Wentworth on 33rd st.

Last year's diamond squad finished the season with a record of six wins and seven losses. Coach Ed Glancy's ball players fashioned a four-game win streak at the tail end of the season, just missing the .500 mark. The team dumped George Williams twice and took a pair of games from a highly-touted Valparaiso nine. The two remaining victories came at the expense of Chicago Teachers and Concordia.

Of the men who will represent the Scarlet and Gray on the diamond this year, Bob Leiser has by far the best all-around record.

While on the mound last year Bob won four and lost three games, pitched 64-2/3 innings, struck out 74 batters and allowed 17 runs for an impressive E.R.A. of 2.4. Bob did all right with the willow, too, as his .344 batting average testified.

In the power department Tech will be paced by Jerry Maatman who led the team in extra base blows last season and batted well over the .300 mark. Burt Hoffman and Gordy Graenert are the only other members of the .300 club returning to action.

There are a lot of new and promising names in the starting lineup this year. Orpheus Costalis will start at short, Hank Lokay or Joe Bass at third, while catching chores will be taken over by Dave DeLazzero, freshman backstop who has shown a lot of class. Dave has a rifle arm, a lot of savvy, and should be strong at the plate.

Saturday's Lineup:

Lake Forest		IIT	
McHollister	2b	Ross	rf
Fischer	ss	Graenert	2b
Cousing	lf	Hoffman	lf
P. Bussone	c	Maatman	cf
Boyes	3b	Melgaard	1b
Vitt	rf	Leiser	p
Glaser	cf	DeLazzero	c
McEwin	1b	Castalis	ss
Mack	p	Bass	3b

Fairway season begins Saturday

By Ted Spath

The 1949 edition of the IIT golf team will open the season Saturday when they oppose Elmhurst college. Still smarting from last season's 13-2 defeat by Elmhurst, the Techawk pillrollers will be out for revenge. The meet is scheduled to start at 12:30 p.m. at Timber Trails golf club.

Old man weather cast an approving eye last Saturday as twenty loyal IIT men matched their golfing abilities to determine who would have the honor of representing Illinois Tech for the ensuing season.

It was only until after the last man had reported in that Coach Sam Bibb with the able assistance of Manager Ernie Nordquist, was able to name the members of his 1949 team. The men named were John Gailey, Dick Johnson, Bruce Genis, Leo Walch and Roger Krafft. These men have been listed in the position which they now hold on the team.

Coach Bibb hastened to add however that he still has to pick three additional men from a group of eight which he has singled out. The players who are eligible for these positions are Roman Radziwon, Bob Davis, Tom Ferenc, Al Nichols, Al Seskowski, Bill Bitter, Ray Carlson and Don Fox.

Boston Red Sox solid pennant choice in baseball 'expert' poll

By Wang Shyman

If there is such a thing as safety in numbers, then it would indeed be safe to put your life savings on the Boston Red Sox to walk away with the 1949 American League pennant.

Technology News, not unlike many other great weeklies, has polled several leading sports figures around the campus, and came up with what they believe to be a sure bet for the finish of the National and American league flag races.

The personalities consulted were Bernard "Sonny" Weissman, assistant director of athletics and part-time scout for the St. Louis Browns; Coach Edward W. Glancy, baseball and basketball mentor, and Jim Wangersheim, baseball expert of Technology News.

Choices are:

WEISSMAN

NATIONAL	AMERICAN
1. New York	Boston
2. Pittsburgh	Cleveland
3. Boston	New York
4. St. Louis	Philadelphia
5. Chicago	Detroit
6. Brooklyn	St. Louis
7. Philadelphia	Washington
8. Cincinnati	Chicago

GLANCY

NATIONAL	AMERICAN
1. Boston	Boston
2. St. Louis	Cleveland
3. Brooklyn	New York
4. Pittsburgh	Philadelphia
5. Philadelphia	Detroit
6. Chicago	St. Louis
7. New York	Washington
8. Cincinnati	Chicago

WANGERSHEIM

NATIONAL	AMERICAN
1. Brooklyn	Boston
2. Boston	Cleveland
3. Pittsburgh	Philadelphia
4. Chicago	New York
5. Philadelphia	Detroit
6. New York	Washington
7. St. Louis	St. Louis
8. Cincinnati	Chicago

"Those Giants don't need any pitching with the way they hit," says Weissman, "especially when they get started in the Polo Grounds." He added that the Pirates were indeed in position to grab the flag if their pitching comes through as expected. "Boston has lost its touch," he continued, "though they might get one more good year out of all the old veterans. St. Louis, Chicago and Brooklyn could all surprise, as could Philadelphia, but Cincinnati is hopelessly out.

Coach Glancy considers the American League a one-team race, with the Boston Red Sox powering their way to the flag. "Cleveland, New York and Philadelphia will put up a good battle for second place," he adds, "while Detroit can do no better than fifth without Houtteman.

"St. Louis looks strong enough for sixth, and the White Sox and Senators will as usual drag up the rear. The Sox are improved, but so is the rest of the league."

"Pittsburgh rates the nod over the Cubs by virtue of their scoring punch. The Pirates could fall apart at the seams around second base, but they still have the power to score runs. Chicago, on the other hand, could field one of the best defensive squads in many a year, but they lack a consistent scoring punch, and their pitching corps is not strong enough to make up the difference.

St. Louis will be the flap of the year, with only the pitching and Musial resembling the Cards of old. This looks like Eddie Dyer's swan song.

"This time it looks as though Branch Rickey's youth is going to pay off," stated Wangersheim. "Brooklyn has the depth and class in pitching, a strong veteran infield, and an outfield that may not hit long and far, but often. The old story that strength straight through the middle means a road to the pennant certainly applies here, with Edwards, Robinson, Reese and Snyder paving the way. This club could be one of the fastest and most colorful seen in either league since before the war."

Technology News does not officially endorse these opinions and will welcome any student letters either in agreement or disagreement. The best letters will be printed and a carton of Chesterfield cigarettes awarded the writer.

READ WHAT these three baseball prophets have to say about the major leagues this year.

Sport Shots

By Larry Shapiro

Orchids to Bobby Leiser for pitching and batting the Techmen to an opening day victory over George Williams, 6-3. "Robbie's" feat stretched to five the winning string started by Glancy's Gladiators last year.

Unable to follow Tech's pace the White Sox and Cubs opened this season as they finished the last . . . in the cellar. Agin' Dutch Leonard watched his new teammates put on their now famous act. To wit: they hit, they ran, they erred . . . they didn't score. My little ole White Sox "pounded" Prince Hal Newhouser unmercifully (three hits) and scored a run. However, the weather in Detroit was bad, it rained . . . home runs.

Not all the plaudits can be given to the baseball team because the tennis team snatched their second win of the Spring from Northern Illinois College of Optometry, 5-4. Experience and youth combined in the person of Captain Irv Buchstadter and freshman Norm Taxman pulled the deciding doubles game out of the fire. Our boys won the final game 8-6 after trailing 1-4. Irv and Norm swept their singles matches in straight sets earlier in the meet.

IF softball will commence this Sunday with six doubleheaders being played on the Grant Park diamonds. The tournament will be double elimination and will be over in three weeks. Your reporter has assumed the worry of either running or ruining the tournament.

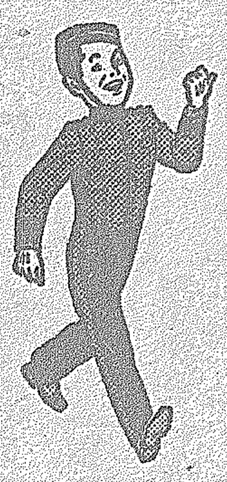
The Gymmies B volleyball squad spiked the Wolves 15-13 and 15-11 to enter the final round in the IM league. The Gymmies clubbed out an easy 18-2 win over the Champs in IM softball.

The chess team will be out to avenge its only loss of the season when they engage the University of Chicago tonight. The chessmen boast seven victories over the other Chicago area colleges including a 4-2 defeat of Northwestern.

Use These Words With Tongue in Cheek!

(Plan to use ONE every week!)

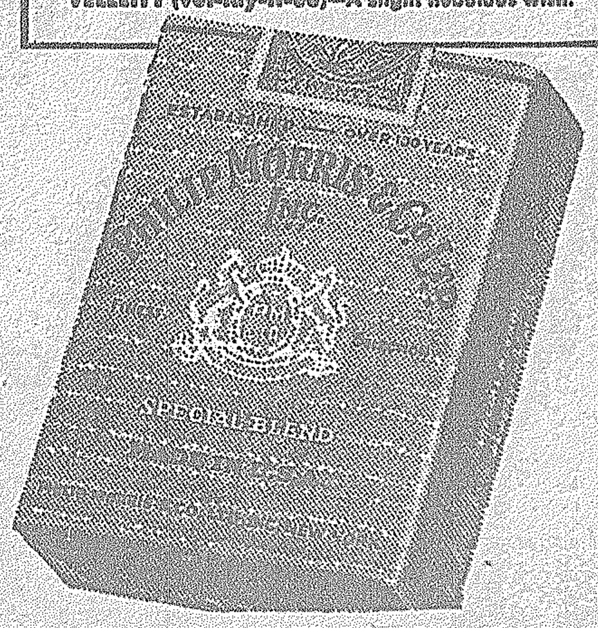
CHIAROSCURO (kéo-ar-o-skóo-ro) — A pattern of light and shade.
CIGARETTE HANGOVER—(to be whispered, never pronounced). That stale, smoked-out taste, that tight, dry feeling in your throat due to smoking.
CINEMATIC HOURI (oo-ree) — In short, a beauteous film star.
HETAIRA (het-air-ah) — A play-girl (ancient Greek type).
INCANDESCENT (in-can-dés-ent) — Glowing.
PEDICULOUS (ped-ik-u-lus) — Bug-infested.
PYTHIAN (pith-e-an) — Devoted; from Pythias, that famous friend.
SARTORIAL (sar-tór-yal) — As of a snappy set of threads.
TRINITROTOLUOL (try-ni-tro-tól-u-ol). T.N.T.
VELLEITY (vel-lay-it-ee)—A slight nebulous wish.



Here's the Moral to Complete Our Tale —

Behind our playful plot, our intentions are serious: we want you *to discover for yourself* the welcome DIFFERENCE in cigarettes that PHILIP MORRIS can bring you.

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



CALL FOR PHILIP MORRIS

This Collegiate World

Just like old times on college campuses

By Milton Miller

Current enrollment in engineering colleges indicates reversion to pre-war trends according to an analysis made by S. C. Hollister, dean of engineering, at Cornell university. Statistics collected by the American Society for Engineering Education indicate that the national freshman enrollment this year is 48,000—a sharp decline from 1948's 80,000, and only slightly more than the pre-war figure.

Although enrollments in upper classes are abnormally large, due to veteran enrollment, Dean Hollister pointed out that these are only replacements for the deficiency during the war years. He added that with stable economic conditions, the job-outlook for the 1949 freshman class is good, because recent technical advances and the widening use of engineers outside immediate professional specialties cause a strong upward trend in engineering employment.

* * *

A pretty coed was walking past the University of Arkansas parking lot when two men in an auto stopped her, threw a coat over her head, struck her hard with a not-so-soft soft drink bottle, and shoved her into the waiting automobile. When one of the men flashed a light in her face, he made the amazing discovery that she was the wrong girl. The kidnappers drove around for several hours and then set her free.

Arkansas university officials are still gnawing their fingertails, trying to figure out what girl is the "right" one, and in need of protection.

* * *

Reporters of **The Mac Weekly**, student newspaper of MacAlester college of St. Paul, recently conducted a very serious experiment aimed at exposing the love habits of some of its coeds. Armed with various scientific instruments including a long-range telescope, they settled in the shadows across from a women's dormitory. The vigil was kept from 11 p.m. to midnight.

During this time 25 of the 125 girls quartered in the dorm returned from dates (the dorm was NOT under quarantine). Fifteen of the 25 male escorts drove autos. Three of the 25 young men stopped only long enough to let their dates out of their cars. Nineteen couples went inside the glass-enclosed vestibule or inside the dorm proper for the "good-night" procedure (well, it was cold out). Their stay varied from one to 58 minutes (no comment). Out of the nineteen couples, 17 were observed to osculate once or more. (Note: osculate is a fancy name for holding hands.)

PL-16's must report to VA

A memorandum from Jerry E. Vana, training specialist, urges all trainees under Public Law 16 to report to their training officer by May 18. Interviews can be had any Tuesday in room 207 of the NSU between 9 a.m. and 3 p.m. or at the Veterans Administration, 366 W. Adams, Room 106, after 3 p.m. Thursdays and Fridays. Failure to report will jeopardize the trainees' status, Vana warns.

MARTY'S
Restaurant and Lounge
Fine Italian Food
For 30 Years—
Special Family Dinners
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Open Every Day
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LUNCHEONS - DINNERS
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Illinois Tech students are cordially invited to avail themselves of our facilities.
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Tech athletes dine May 4

A smorgasbord dinner to honor Techawk athletes will be served at the annual athletic banquet in the North Union cafeteria May 4 at 7 p.m. John J. Schommer, athletic director, will be the main speaker on the program, which will include such guests as Henry T. Heald, president, Clarence E. Deakins, dean of students, John F. Retalliata, dean of engineering, John F. Larkin, dean of liberal studies, and John F. White, development director.

Classified Ads

For Sale—K&E slide rule, $15. John Arima. MO4-0271.

For Sale—'35 master black Chevrolet coupe, $75 asked. Good condition. Call REpublic 7-1364.

EE's 'Electron Spin' to be held May 6

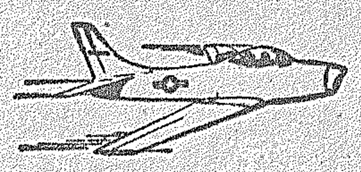
Highlighting the social calendar for electrical engineers will be the "Electron Spin," an all-electrical party to be held May 6 in the North Student Union Auditorium at 8 p.m. Smooth dance music will be provided by Al Herdick and his Melodians.

All electrical engineering societies have combined in sponsoring the party.

Max Alvarez, chairman of the party committee, says, "Bring your wives or girl friends for one of the best times you have ever had on this campus. In case you are one of those engineers who doesn't have time for women outside of school, come anyway. We will have plenty of dancing partners for you."

Jim Kogen, president of the Illinois Tech branch of the AIEE, said that the EE department has become so large that it has been very easy to lose track of old class friends, and a social such as the Electron Spin will help bring back the "good old days."

Tickets for the affair may be obtained from any officer of AIEE, Eta Kappa Nu, Rho Epsilon, IRE or Radio club.

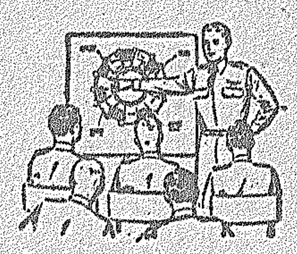


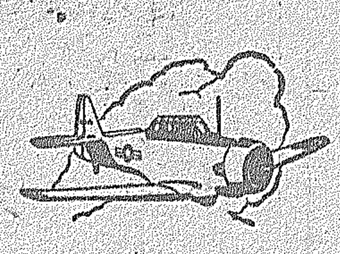
A SPECIAL OFFER
TO THE GRADUATING CLASS . . . JUNE '49

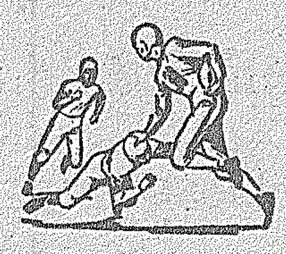
You May Be Accepted for an Early
U. S. Air Force Aviation Cadet Training Class

If you are a college graduate, married or single, between the ages of 20 and 26½ and physically and morally qualified, you may be accepted for assignment in the U. S. Air Force Aviation Cadet classes starting in late summer or early fall.

You get a well-planned course, valued at $35,000 : : : this includes about 275 hours of flight training, and the finest aviation education and executive training in the world.







Win your wings and then start a career with a future . . .

College men are today's leaders of the U. S. Air Force. With new and complex aircraft and equipment being developed, scientific research becomes more and more important, increasing the need for college-trained men.

As a college graduate *you* will have an unlimited future in aviation fields of personnel management, operations, matériel, supply, research and development.

It's a year of learning, flying and time for recreation with a hand-picked top-string team of Americans.

Upon assignment to an Aviation Cadet class you will be sent to one of the U. S. Air Force bases in Texas for the world's finest aviation training.

Here you will receive about 175 hours of flying instruction in the Texan T-6 trainer plus an extensive course in aviation education and executive training. Navigation, fuels, weather, radio and radar are some of the subjects you will take.

During this training period you'll find plenty of hard, fast action to keep you fit and trim . . . the best athletic facilities are available. Upon completion of training, you will win your silver wings and receive a Reserve commission as second lieutenant in the U. S. Air Force. Outstanding graduates receive Regular commissions upon graduation.

OFFICER CANDIDATE SCHOOL FOR COLLEGE GRADUATES

If you can meet the high standards required of candidates for officer training, there's a real future for you in the U. S. Air Force. Capable young executives are needed for positions of responsibility in *non-flying* assignments . . . management, communications, engineering, research and other fields. That is why the Air Force is offering qualified, ambitious men and women with college training an opportunity to prepare for leadership in the air age.

WIN YOUR WINGS

U. S. AIR FORCE

Single or married men with two years of college (or who can pass an equivalent examination) between ages of 20 and 26½ with high physical and moral qualifications, act now! Get full details at your nearest Air Force Base or Recruiting Office or write: Chief of Staff, Headquarters United States Air Force, Attention Aviation Cadet Branch, Washington 25, D. C.

U. S. ARMY and U. S. AIR FORCE RECRUITING SERVICE

PRIZES FOR FIRST, second and third place in the IIT Fashion Show will be awarded to three of these coeds during the intermission of the Sophomore Street dance Wednesday night. The finalists are, left to right, Shirley Schultz, Kara Kern, Connie Olson, Audrey Read, Mary Margolis, Pat Stroner, Ann Allman, Ursula Lier and Maxine Schnierow.

Music men line up spring programs

One hundred and ten music club members will leave the campus at 7:30 a.m. Monday enroute to Morris and Ottowa, Illinois, to present assembly programs for high schools there. This trip is but one of the eight engagements the clubs have scheduled for the spring season.

Two performances were presented at the All-Engineers dinner at the Midwest Power conference last Tuesday by the orchestra and glee club.

As a Junior Week feature on Thursday, the orchestra will give a concert at 7 p.m. in NU auditorium. Friday will find the glee club entertaining on campus at a conference for small industry and at 7:30 p.m. the band will give its traditional outdoor concert on the steps of CB.

Climaxing their endeavors for the semester, the clubs will present the annual spring concert May 8 at 3 p.m. in the Studebaker theater. Tickets are now available from any member of the music clubs.

tech timetable

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

FRIDAY, APRIL 22

Pan Hellenic council, 4 p.m., MC conf. room
IVFC, 5 p.m., Exec. conf. room
Rehearsal, Delta Lambda Xi, 7:15 p.m., NU lounge

SATURDAY, APRIL 23

Tau Epsilon Phi, 8 p.m., NU lounge

SUNDAY, APRIL 24

Rough Castings rehearsal, 1 p.m., NU aud.

MONDAY, APRIL 25

Delta Tau Delta, 5 p.m., NU aud.
BE club, 6 p.m., MC conf. room

TUESDAY, APRIL 26

How to study, 1 p.m., 203MC
Public speaking, 1 p.m., 102 MC
IAS, 1 p.m., 302M
Model Airplane club, 1 p.m., 105C
ACS, 1 p.m., 118 CB
Record concert, 1 p.m., 202C
Newman club, 1 p.m., MC aud.
WSE, 1 p.m., NU aud.
Co-op club, 1 p.m., CB aud.
Mech seminar, 4 p.m., MC aud.
Pi Tau Sigma, 6:30 p.m., NU aud.

THURSDAY, APRIL 28

How to Study, 1 p.m., 203MC
Tau Epsilon Phi, 8 p.m., Brown hall ballroom

SATURDAY, APRIL 30

Tau Epsilon Phi, 12 noon, NU lounge

SUNDAY, MAY 1

Phi Lambda Upsilon, 12 noon, Exec. conf. room

TUESDAY, MAY 3

How to Study, 1 p.m., 302MC
Public speaking, 1 p.m., 102MC

THURSDAY, MAY 5

How to Study, 1 p.m., 302MC

For Men Only

Tips listed for clothing hunts

By Arlene Edwards

Put away that slide rule for a minute and let's go shopping. All right, Easter is over, but how many of you didn't buy that new suit after all—maybe your cash was low, maybe you just didn't have the ambition to go out and decide on this or that, or maybe the "bold look" scared you off.

It's really not difficult to pick out a good suit of clothes, shirts or trousers; the rules to follow may seem complicated, but they're far easier to apply than those messy engineering formulas. Let's start out, guided by suggestions from the home economics department, on the wearability, fit and care of the items we choose.

We note that suit materials are chiefly woolens or worsteds. Worsteds, of which gabardine and sharkskin are examples, are made of specially prepared wool. While being more expensive than woolens, they have advantages of smoother texture, lighter weight, greater strength, and ability to hold their shape.

Woolens, such as broadcloth and tweeds, are sold in a wide range of price and quality. The poorer grades are weak, and wrinkle and bag easily. Try them for quality by crushing the fabric tightly in your hand; when released, it should spring back, for this determines how well it will hold its shape.

Consult the clothing labels to learn the kind and precentage of wool used. Labels are required by law to convey this information. Remember that "virgin wool," "fleece wool," and "new wool" all mean first grade wool. Worsteds are usually labeled as such for selling purposes, but this is not legally required.

The fit of the garment is as important as the fabric; it is well to check the following points when trying on a suit: the armhole seam should not extend so far beyond your actual shoulder line that is appears to "drop" off the shoulder. Avoid that "zooty" look—the collar should hug the neck. Your jacket should have ample shoulder room. Test this by raising your arms to shoulder height.

Both comfort and appearance are affected by the cut of the sleeves. See if the lengthwise threads run straight up and down the center of the sleeve starting from the shoulder seam.

Ordinarily, you won't have to consider optical illusions created by lines and color. Men seem to choose suit colors instinctively. Within the narrow range of hues that manufacturers provide, it is hard to go wrong.

Some pattern and color combinations have quite noticeable effects on the wearer's figure. Pin stripes will heighten a short man but serve to slenderize a stout one. Tall men notice the shortening effect of two tone combinations, dark jackets and light trousers.

Unlike women, men will not buy "that divine suit" to enhance their eye color, but men with blemished complexions should avoid tweeds as they are unflattering.

Don't fall in love with the first suit you see; being a man, you're usually too proud to take it back once you've put cash on the line. Look for thorough shrinking of fabric, lining, interlining and stay tapes (strips sewn into the seams to make them smooth and flat) accurate cutting and a certain amount of hand tailoring.

Once you have the suit home, keep these points of care in mind. Brushing wool often helps vitalize the nap and avoids shiny "sat on" look, easily acquired by students.

Alternations in wearing suits should be practiced. Wood hangers are best for jackets, and trousers should be hung by the cuff. Wrinkles and baggings will hang out of good fabrics when not in use. Avoid pressing woolen garments too frequently. Remember to clean suits before storing them in a moth-proof place. Trust reliable spot removers for emergency duty, but avoid injurious alkaline substances (even soap.)

All right, you've got that suit now, and by every measure it's a beauty. How about shirts to go with it? Don't ever forget that plain shirts go best with plaid suits, but I personally dislike solid pink or orchid shirts on men.

You may be in favor of the "bold look," but remember that bright colors in large areas make those areas seem larger. They flatter slender men more favorably. People with extremes in facial complexion, sallow or ruddy, should avoid bright yellow, kelly green, and royal blue.

Grades of cotton shirting are based on the quality of the cotton, the type of yarn and the number of yarns per square inch of cloth. Quality can usually be judged by smoothness and luster, but the fine points of wearability just mentioned and how they affect your pocketbook fill textbooks. Since they are too involved to discuss here, a comparative study of shirt construction will be on display at the home economics exhibit during Junior Week.

Ties, though a matter of personal taste, are most effective when related to the general color pattern: solid color ties with patterned shirts and vice-versa. The form of shirt collars and ties has a great effect on facial expression. Widespread collars and ties are not advisable for persons with a broad face and are strictly taboo for those with a very short neck. Ties and socks, though at opposite portions of the wearer, should not have opposing colors, as for instance, the Crosby-ish combinations of blue suit, brown tie and green socks.

If your socks are longer than anklets, why not wear garters? Besides making the Paris people happy, you'll present a neater appearance.

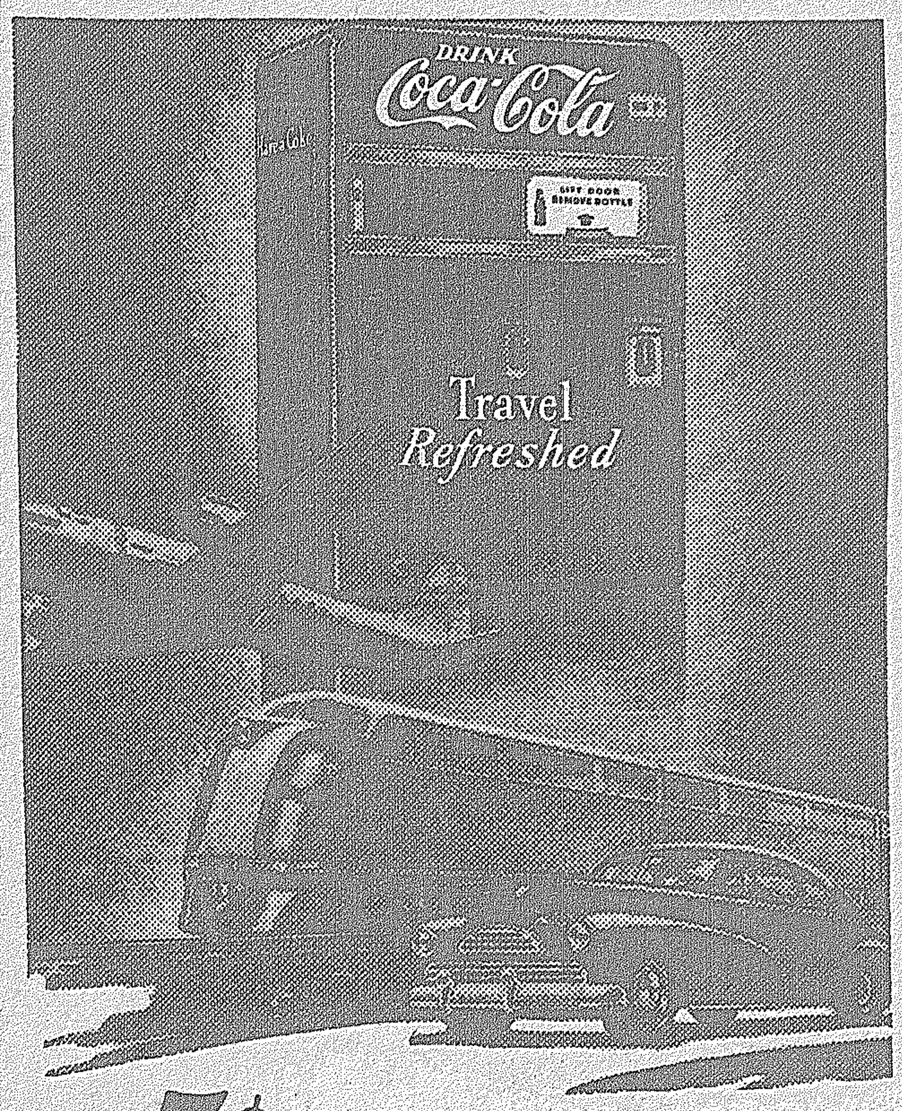
Well, quite enough has been said for such a "short article; it is hoped that these general points of wearability and care of clothing add to your well-groomed appearance while decreasing inroads on your budget from unnecessary replacements.

IIT Barber has assistant

Roy Patrick, campus barber, announces the procurement of an assistant tonsorial artist to fill the increased demands of student and staff members for hair cuts.

Appointments can be made in the barbershop, located on the third floor of the Student Union building, or by calling Extension 570.

And a Refreshing Pause Helps You Get There, Too



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WOMEN FIND LOCAL MEN

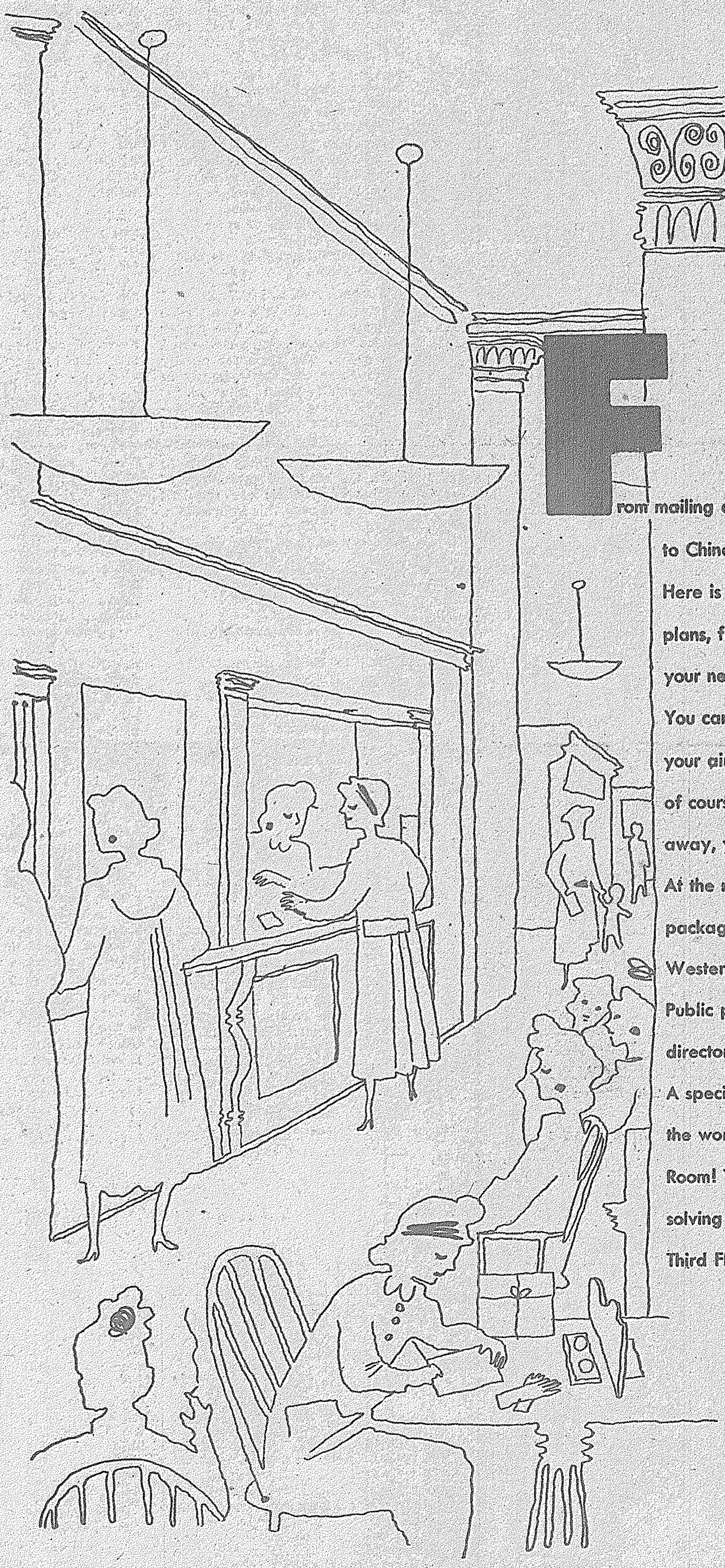
Looking Better, Handsomer!

Chicago, April 22

So many women have been commenting on the improvement in male appearance hereabouts that we put a sleuth on the story. He snooped, he interviewed, he checked all over town. Here's his scoop: "The men who look better are using Pal Hollow Ground razor blades 100%. I've talked to dozens and the story's the same — Pal Hollow Ground. They tell me they shave better, cleaner, with no irritation to tender skins. Pal still gives you 4 for 10¢, 10 for 25¢, 21 for 49¢, and 44 for 98¢ — Single or Double Edge. So I bought some myself! How do I look?"

Store Hours, 9:15 to 5:45

Marshall Field & Company



From mailing a postcard to planning a trip to China, our Waiting Room is at your service. Here is the Travel Bureau to advise you on travel plans, furnish information on any hegira from your next trip home to a round-the-world cruise. You can make reservations anywhere and buy your airline tickets right here; the service, of course, costs you nothing . . . Here, a few feet away, you can reserve theater tickets . . . At the north end of the room, you can mail packages, buy stamps and money orders . . . The Western Union desk will take your telegrams . . . Public phones are handy, and telephone directories from large cities all over the country. A special clock tells what time it is all around the world. So get acquainted with Field's Waiting Room! You'll find here many a shortcut toward solving your problems, saving your time.

Third Floor, North, State