



READY TO CHEER a goal, Ray Klitzke and Dorothy Mitchel rehearse for tonight's basketball game and Honor I Varsity Dance.

Varsity night dance to follow U of C game tonite

A Varsity Night dance, sponsored by Honor I, IIT's athletic honorary society, will be held in the NU auditorium following the Illinois Tech vs. the University of Chicago basketball game tonight. The Techawks, who so far have won 3 and lost 2 in their

competition with the U. of C. are looking forward to boosting their lead over their "cross-town rivals." When the two teams met early this season on the U. of C.'s floor, IIT took a beating 60-45, so the boys with a four game winning streak behind them are really out for vengeance and that big number five. "Big George" Scalamera, 15th high scorer for small college competition, will be the inspiration for our boys to do great things tonight.

Gordon Granert will start conducting his Rhythmaires just as soon as the spectators of the game have time to get over to the NU auditorium and get organized. Granert, an Honor I member, plays good second base on the baseball team, and he plays a mean drum in the orchestra. He was first recognized as a great performer when he was a member of the Short Circuits, the orchestra which was the craze of the campus last year.

Admission to the dance is set at a dollar per couple and 75 cents for stags. Plenty of girls have been promised for the occasion, for arrangements have been made with the hospitals in the neighborhood to import a bus load of girls. Letters have also been sent to the White Collar Girls and all of the sororities on campus inviting the girls to attend free of charge. Excitement, dancing, entertainment, refreshments and romance is promised for everyone who attends this big double feature.

Deadlines set for club publicity

The deadline for news from fraternities, honoraries, professionals, and clubs has been moved up to 5 p.m. on Mondays for this coming semester, the managing board of Technology News announced Tuesday.

The advanced schedule will go into effect this Monday, Joe Bass, news editor, warned all publicity representatives of campus organizations. A revamped layout schedule providing for assignment of space to stories on Tuesday afternoons necessitated this change.

An extension of the deadline to Wednesday will be allowed, providing the organization notifies the news department before the Monday night deadline.

All organizations are required to obtain the standard news release forms available to their publicity representatives in the Technology News office. This ruling has been made in order to eliminate loss of copy and to facilitate filing. The forms will be available at almost any hour of the day. Information on publicity questions can be readily obtained from either Bass or Bert Cohn, assistant news editor.

Last week to save at APO Book Exchange

The Book Exchange will continue to operate for at least one more week, Leonard Inc, president of Alpha Phi Omega, announced today. Three hundred textbooks have been sold for students by the APO-sponsored exchange in 207 NU, off the auditorium, during the first week of school.

Used books will still be accepted at the exchange. Under the present plan the owner is free to set his own price for the texts.

Inc estimated that over 800 books have been brought in, and hopes that many of these will be purchased before the exchange closes down.

Prices paid for texts have ranged from a low of 30 cents to a high of only \$6. The average price is approximately \$3 according to APO officials of the exchange. Savings of about 30

to 50 per cent were obtained by the purchasers on the volumes bought, they say.

The exchange is a free service project of APO, national service fraternity.

"We have some difficulty in keeping recent editions in stock," Inc stated, "but nevertheless the venture was more of a success than expected." He urged that the money received for sold books be claimed by the seller as soon as possible after he receives notification. APO disclaims responsibility for money unclaimed for an unreasonable length of time.

Although a definite policy has not been established, APO will probably ask students to pick up unsold books when it appears there is no demand for them. At the present time there is still a demand for used texts, which may be deposited in the APO headquarters.

TECHNOLOGY NEWS

Volume 50, No. 1

Illinois Institute of Technology, Chicago 16, Illinois

February 17, 1950

Student board declines action on TFU constitution

Reconvening after a vacation recess, the ITSA board of control met Wednesday night in the NU lounge in a long and stormy first session. Four newly elected members, class presidents Tom Gleason of the seventh semester, Paul Mandelstein of the third, and Art Rozema of the second, and Junior member-at-large Richard Wardell sat in on their first meeting.

The Technology Film Unit plan announced prematurely in the January 13 issue of Technology News caused the most fireworks during the four and a half hour long meeting. Organizers of the unit, which has been temporarily suspended pending approval of the dean of students, presented the organizations constitution for ratification by ITSA.

ITSA President Jim Gaffney opposed immediate consideration of the constitution, urging the board to delay approval until after the dean of students office gives the group the go ahead, following the usual procedure in granting recognition to student organizations.

He urged the board to look more closely into the proposed plans because of the extent and importance of the group which planned to sell one dollar memberships for a program of seven films in addition to producing several short films about campus activities. Gaffney also reminded the board of TFU's failure to apply for authorization before going ahead with sale of memberships and also the alleged continuation of these activities after they had been declared illegal.

Dean Deakins remarked on the seeming lack of cooperation towards the ITSA board of control and his office on the part of the sponsors of the plan.

The board of control voted six to two on a motion by Gaffney to table consideration of the constitution until the next ITSA meeting, March 1, after Tom Murray, treasurer of ITSA and one of the organizers of TFU, forced the charter to the floor. Four members abstained.

Murray and Johnnie Best, president of SAM, which sponsored the free film programs last semester, argued that delaying action on TFU might jeopardize the entire program.

Before taking up the TFU matter, ITSA appropriated \$60 to the Student Union Committee for re-vamping the public address system. In addition to technical improvements, Vern Keenan, head of the public address organization, said he hopes to be able to present daily news casts and spot announcements through the system.

A six-point program for the coordination of the student body of the Institute of Design and ITSA was passed by the board of control. The program calls for continuation of the internal structure of the ID government with the president

(See ITSA on page 2)



NEWLY APPOINTED editors (left to right) Dave Miller, Bob Green, Larry Shapiro, and Vince Marsolais gather about as final Newsletter copy is typed by Elizabeth Asher.

Publications join forces to seek more members

Student publications pooled their efforts during registration week to secure additional personnel for Technology News and for the Integral, student yearbook.

Representatives of both publications manned a display booth in the South Union lounge. Students on their way to the bookstore were asked to fill application blanks if interested.

Technology News listed many specific jobs to be filled as soon as possible. The yearbook sought to obtain students to work on next year's staff. Applications are still being accepted in the Technology News office in South Union building.

A publications training course is being planned to familiarize new staff members with publication methods. The series is tentatively scheduled for the 1 p.m. free hours Tuesdays or Thursdays. Further details are to be released in later issues.

Campus publications are managed by students without faculty advisors and without "censorship" of the editorial views. The Institute policy of encouraging student responsibility in these matters is relatively rare in collegiate circles.

Editors and business managers of the publications select and train their own staffs. No formal course in journalism or newspaper advertising is conducted by the Institute.

Students needed board positions for publications

Two student vacancies exist on the ITSA publications board. The terms are of one year duration.

With four student members and two faculty members, the board appoints editors and business managers of campus publications and acts as a liaison between the student body and the publication editors.

Deadlines for applications and items of information required will be published in the next issue of Technology News

Wednesday
is Geo's day
celebrate
the proper way
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● ITSA

(Continued from page 1)

of the ID class granted an ex-officio seat on ITSA. The student body of the Institute of Design will be considered a semi-dependent organ of the ITSA.

At a preliminary meeting last week, ITSA members, meeting as a committee of the all, discussed control of social functions. A plan creating a social chairman's committee composed of the social chairman of each class, and headed by a member of ITSA was adopted. The function of the committee is to run the Integral Ball and the Junior Prom and possibly one other off campus dance. Profits from these affairs will be divided on a pro rata basis among the classes.

The committee is authorized to approve the dates and budgets of all social functions run by dependent organizations.

News in Brief

Ed Jantho, president of the Bowling league, announced that there are several openings for new bowlers. The league bowls Monday nights, from 6 to 8:30 at the Archer Recreation, 35th street and Archer. Interested persons should sign their names on the paper provided on the North or South Union bulletin boards. A high average is not necessary. Both men and women are invited to join.

* * *

Three four-year scholarships in chemical engineering are to be offered by the Consolidated Natural Gas Systems Educational Foundation of Cleveland, Ohio, to begin in September, 1950.

The scholarships emphasize gas engineering and technology in the

student's fourth year, with special courses at the Institute of Gas Technology. The scholarships will include full tuition, fees and books.

* * *

Single and double rooms are now available in Farr and Fowler halls. Interested persons should contact the Admissions office.

* * *

IIT's Chess club reported results of matches held between semesters.

They defeated Northwestern 4½ to 1½ and trimmed Navy Pier 6-0, but bowed to Roosevelt college, 1½ to 4½.

U. of Chicago undergrads will meet them at Triangle fraternity house on campus Sunday afternoon, February 26, at 4 p.m.

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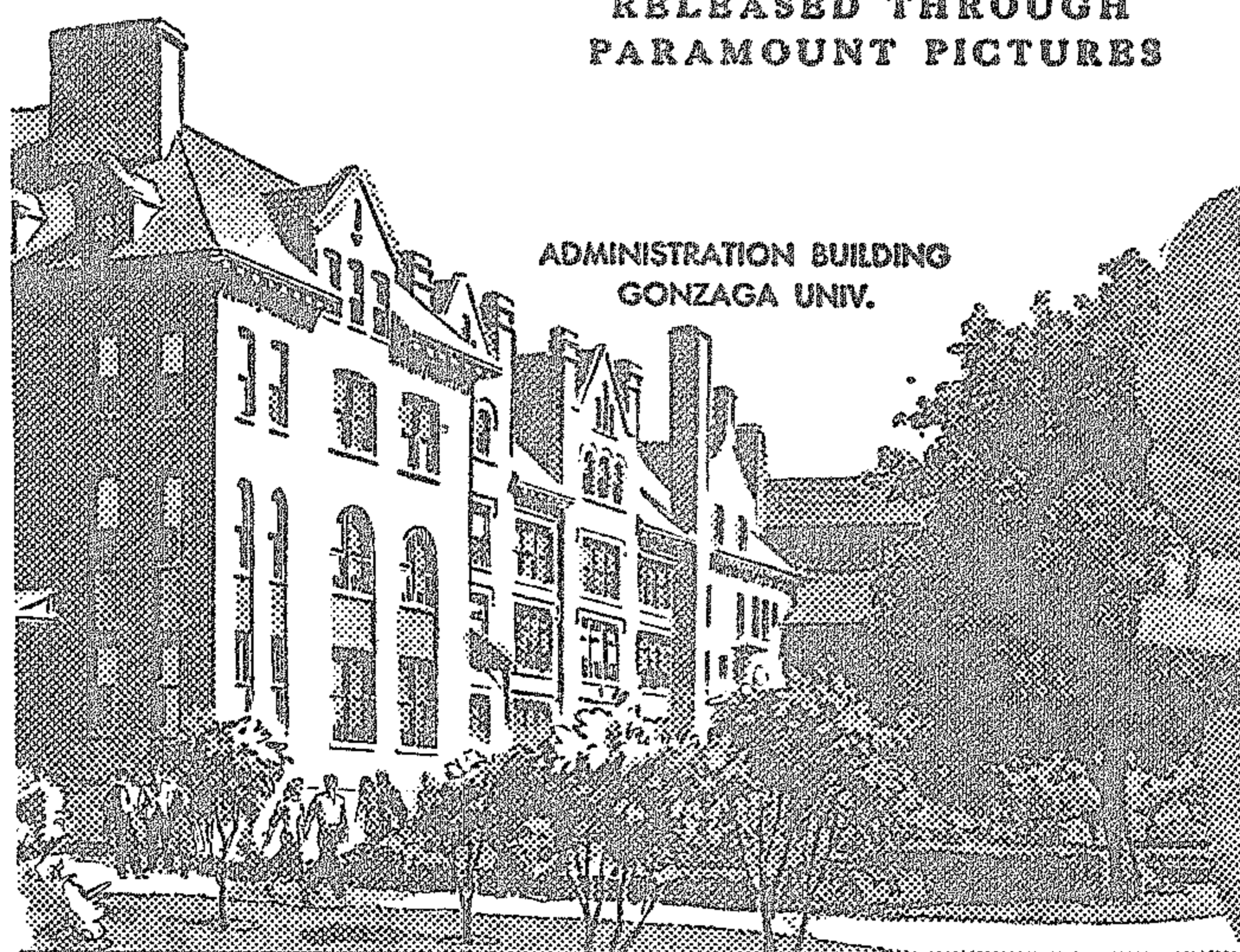
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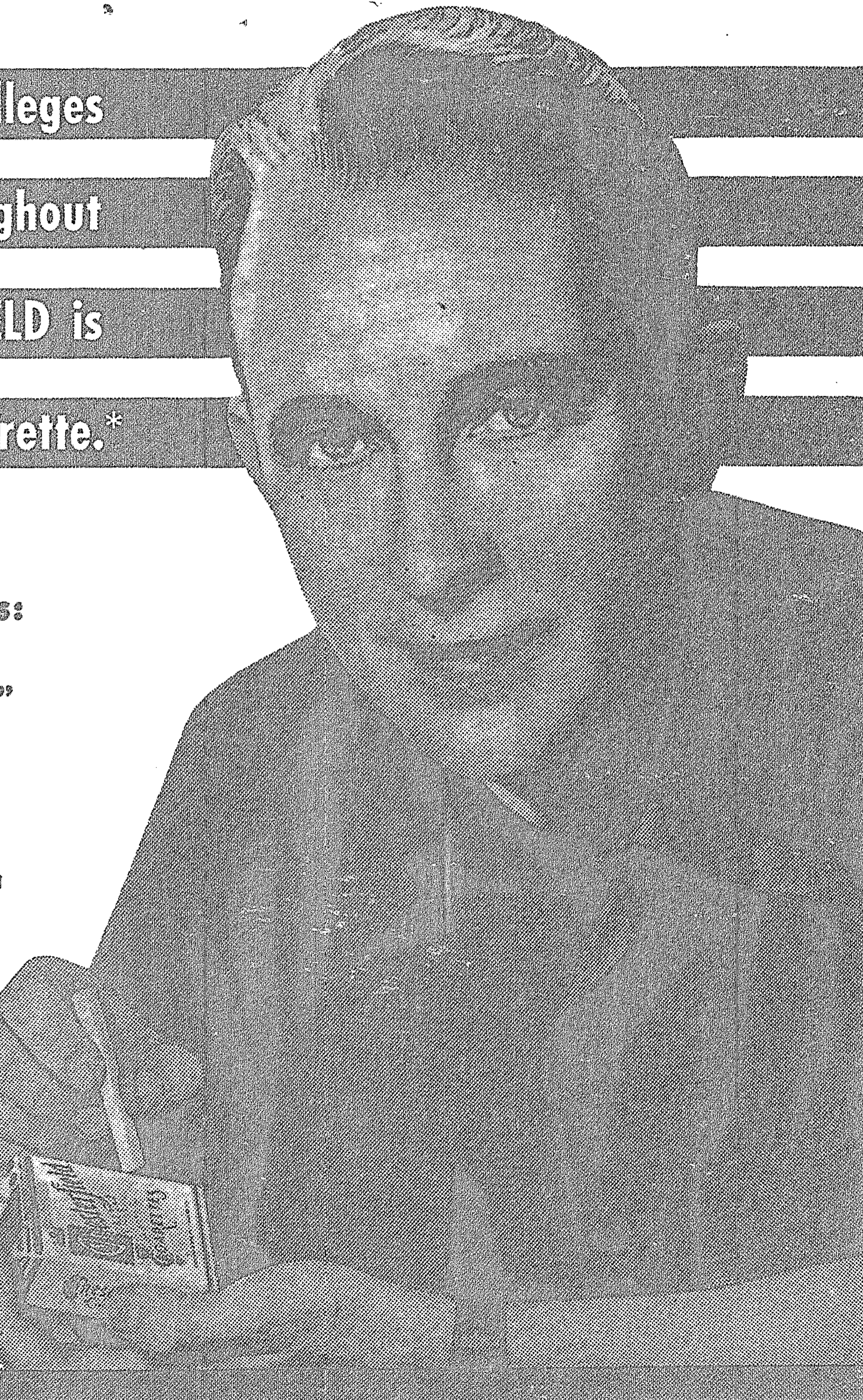
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Record concert schedule set for coming semester

A new series of record programs is being offered this semester on Thursdays from 1 to 2 p.m. in the Metallurgy auditorium. The music will range from Byrd to Bartok, the entertainment from Shakespeare to *South Pacific*. These record concerts are made possible through a joining of forces: the English department furnishes the records and some equipment and uses the electro-acoustical facilities of 131MC. The programs are directed by Allan H. Stevenson with the assistance of Henry Knepler and Ernest Hixson. They seek to bring good music to the ears of students who wish to listen or wish to study to musical accompaniment.

The first program of the series was given yesterday. It included Vivaldi's Concerto for Cello in B flat, as played by Leo Rostal with the Concert Hall Chamber orchestra, Mozart's Concerto for Clarinet in A, and a new Discophiles Francais recording by F. Etienne and the Hewitt Chamber orchestra. The programs for the next month will be Handel's Sonata de Camara in E with Joseph Scripka and Elizabeth Rich and Mozart's Concerto for Piano in C (K 503) with Gaby Casadesus on February 23, Stravinsky's Petrouchka (Ballet) with Ansermet on March 2, Rodger's South Pacific with Enzio Pinza and Mary Martin on March 9 and Beethoven's Concerto for Violin in D with Joseph Szigeti on March 16.

Rifle range use restricted; guns to have permits

The following is a release of the office of the dean of students:

The use of the rifle range is under the control of the professor of naval science. No students will be permitted to use the range unless they are members of the NROTC, the rifle team, or the rifle club.

No student may carry a weapon on the campus except members of the rifle team and the club. A member of either of these organizations may secure the permission of the faculty adviser to bring a gun on the campus for use on the rifle range only under the following conditions:

- The gun must be unloaded and if an automatic, dismantled.
- It must be packaged and tied securely.
- The shells must be wrapped in a separate package.
- The gun must have been registered with the Chicago Police Department.

AIEE explains awards for technical papers

The American Institute of Electrical Engineers has established a series of prizes which are available for annual award, in order that proper recognition be given its members for outstanding papers presented at its meetings and to encourage its younger members to participate in technical meetings. Each prize consists of a certificate of award and a sum of money. Appropriate recognition will be given in the publications "Electrical Engineering" and in the "AIEE Yearbook."

The only requirement for competing for these awards is that the author be an eligible member of the Institute or a student member in good standing. The prizes available are divided into two general classes: the first group is for papers selected from those presented by any eligible member of the Institute; the second group is restricted to papers presented by undergraduate student members.

The basis for grading the graduate papers is as follows: analysis of the subject, logical presentation, originality, unity, and value in the electrical engineering field. The grading of the student paper differs from that of the graduate, however. It is not the primary purpose of the student papers to contribute to the technical advancement of the profession; they should constitute a vehicle for the training and the stimulation of future contributions. To this end, greater emphasis has been placed on the written presentation and the exercise of engineering thinking than on technical value.

These papers must be in the pos-

session of Robert O. Brown, chairman of the Papers committee, not later than April 22. Copies of the contest rules and previous prize-winning papers can be obtained from the offices of Dr. Whitehead and Dr. Gross. Additional information can be had by attending the future meetings of the student chapter of the AIEE on the campus.

Folk songs, dances and music theme for Brotherhood Week

Foreign and American students will provide the talent for a program of folk songs, dances and music to be held in the NSU auditorium at 1 p.m. on February 21. The program is in observance of Brotherhood Week (February 19-26) and is sponsored by the various religious organizations on the campus. These organizations include the Lutheran Students association, Newman club, Westminster club, Inter-varsity Christian Fellowship club, and the Israel club.

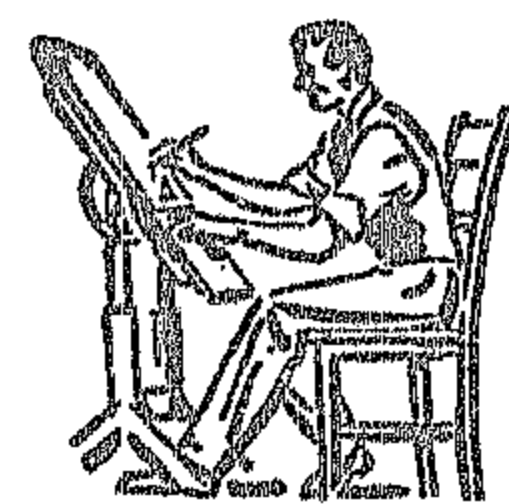
A cordial invitation is extended to the student body and faculty to attend this program.

Rough castings holds auditions for actors, extras

Stage-struck students will be able to haul away fat parts in Rough Castings' forthcoming all-male production "Haul It Home," when twenty-five individual roles are meted out at auditions this week. Singers, dancers and actors will compete for the speaking parts and for jobs as extras today from 3-5 p.m. in the NU auditorium and after 5 p.m. in the NU lounge.

Rough Castings has also issued a call for stage crew and lighting men, make-up and scenery experts, all of whom will be interviewed today. Especially needed, though, according to Fred Wright, president of Rough Castings, are people who can sing.

The original play, written by Bob Bushelle and directed by Joe Riley, will be presented on April 13, 14 and 15. Rehearsals will begin as soon as the cast has been picked. "Ten different scenes and fourteen songs will make it the biggest thing we've ever tried," Wright explained.



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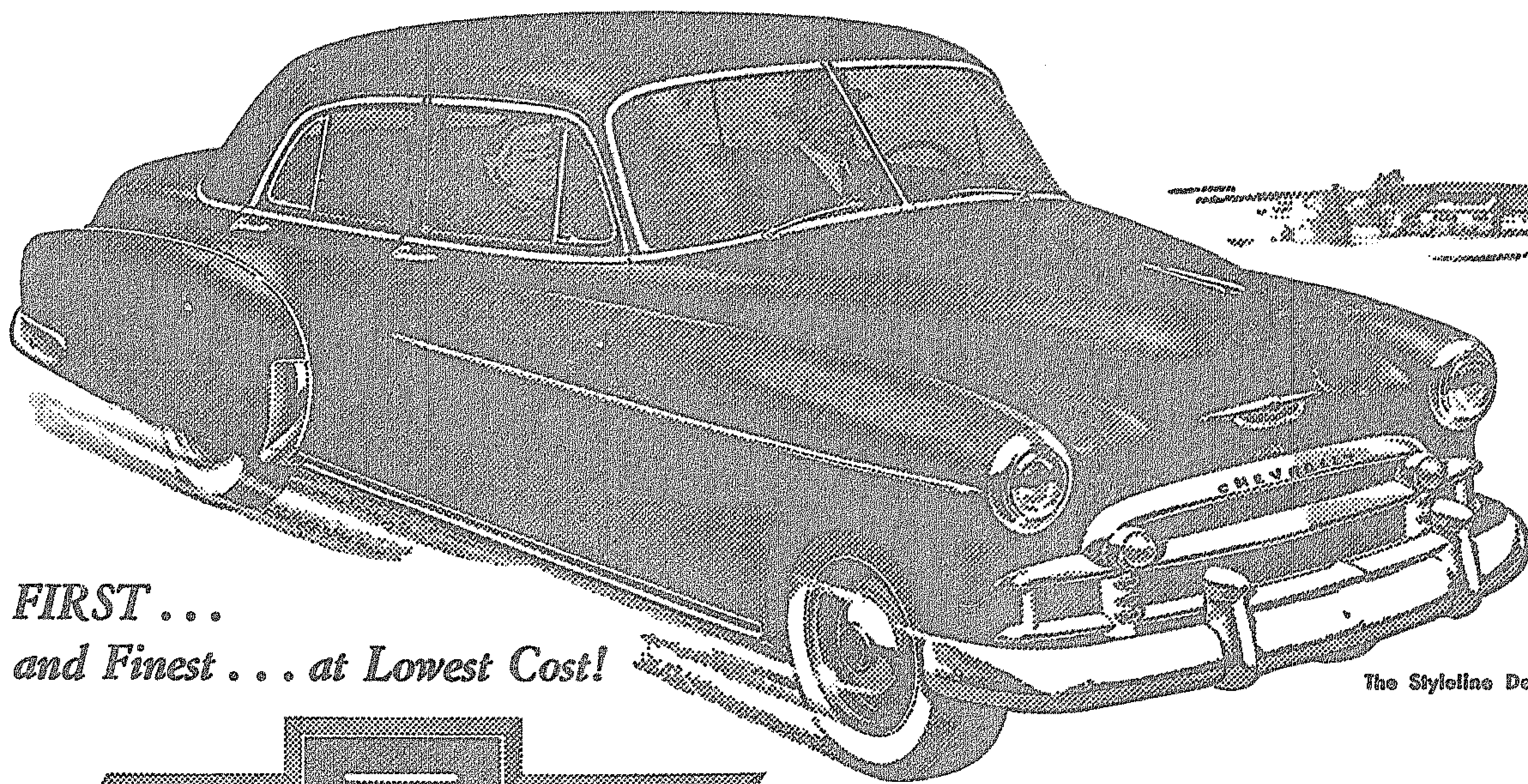
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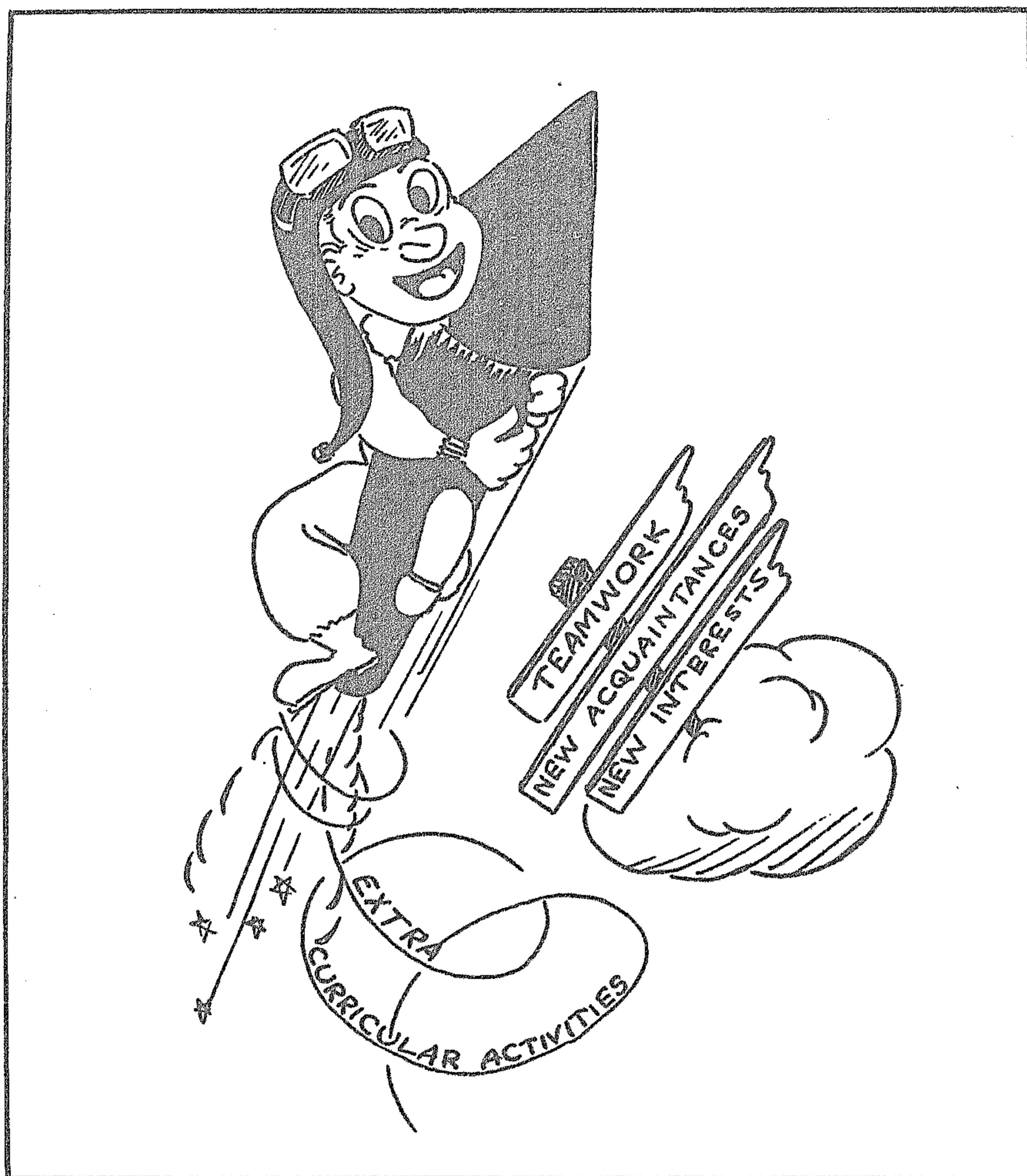
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Mishandled TFU plan lesson for students

Technology Film Unit has the stormiest life of any student activity idea that I have ever witnessed on this campus. It is also one of the most promising ideas that have come up in recent years. The attempts at establishing it have brought to view some important points about their student government for students to consider.

According to the proponents of the idea, TFU is designed to carry on the renowned SAM film program and, in addition, to produce short documentary films for illustrating student activities, with costs paid by the activities pictured. In addition to regular, working members, it would have associate members who subscribe to non-voting membership privileges. The board of directors, consisting of technical specialists among students, would be guided by three technical advisors in the fields of movie showing, drama, and production.

The organizers, through procrastination and lack of coordination, did not submit the constitution required in a reasonable time. They did not prepare according to established procedure. They were first reminded of this by Dean of Students Clarence E. Deakins, whose experience with TFU organizers he summarized to me Thursday as follows:

"The project is very worthwhile and I sincerely want to see it succeed. The basic issue in the controversy centered in the refusal of the persons responsible for the organization to follow the established procedure until drastic action was taken."

The drastic action was brought out to me as being the warnings given to the organizers to submit a constitution without delay. It went so far as Jim Gaffney's asking membership salesmen of TFU to stop illegal, though ambitious, solicitations in the registration line and in the South Union lounge.

At a meeting with Mr. Deakins, Jim Gaffney, president, and Don Lynch, vice-president of ITSA, the TFU group had its constitution and plans discussed for nearly three hours with a view toward eliminating bugs and clarifying

phrases. Mr. Deakins personally cancelled the first three films on the TFU schedule, even though SAM had booked them months in advance for their own program and before TFU's inception. This was done though Johnnie Best, as an SAM spokesman, indicated that his organization might carry out the film series until such a time as TFU was recognized.

Incorporating suggestions gained at the Tuesday meeting, TFU brought its revamped constitution to the Wednesday ITSA meeting for consideration. I missed the discussion of it; judging by what action was taken, I think the ITSA board is in for criticism as well as TFU.

Why was it necessary for a prolonged discussion to go to the point where it became a matter of personalities, with the influence of Jim Gaffney and Dean Deakins serving to secure the tabling of the TFU constitution? Observers of recent ITSA history know that such would be the inevitable outcome, since about half of the board now are green officers.

If it were the intention of the ITSA board to table the constitution on lack of evidence, it would seem to me more statesmanlike of the objectors to enumerate quickly all points of difference and have the matter referred immediately to a committee for investigative action. Jim Gaffney announced his selection of such a committee to me Thursday afternoon.

The delaying action taken is justified on the grounds of specific doubts generated by inadequate compliance of TFU with ITSA procedures. A two-week period is sufficient time to investigate these doubts. The committee should resolve them quickly and allow TFU organizers to continue with full encouragement.

Whether or not the TFU men will retain their original enthusiasm is a problem, since some may have interpreted ITSA's action Wednesday as punitive and designed to discredit them. If that is the case, I hope it clears up quickly, for the TFU idea is too good to miss.

Ed Michelic

as I see IT

By ED MICHELIC

SUCCESSFUL STUDENT ACTIVITIES aren't born, they're made. They take up time and work. In return for the effort, one can win recognition, but the benefit of the experience is not always to be measured by recognition. Recognition serves as both reward and incentive to attract leaders, but the influences of training in leadership techniques can be just as important.

Recognizing leaders has been a difficult job in the past, as in picking Tech's selections for "Who's Who in American Colleges and Universities." Even if we could do a good job of recognizing them, why stop there? Unless I am mistaken, one of the purposes of higher education is to build leaders. We need men to direct people intelligently and persuasively toward higher standards of living and increased cultural achievement. We seldom see steady, methodical attempts made here to build leaders other than occasional incentives.

You have read columns in *Technology News* eulogizing "Men of the Week," persons whom the editors thought had outstanding records in student life. We tried to bring out their views on student activities. Almost without exception, they urged you to "join clubs and join early," a cry you have doubtless heard since high-school days. But still some of you have been unimpressed by these "incentives."

It may be our fault, really. We may have given you the idea that a "campus wheel" is one who wears a weighty key chain, runs breathlessly from one club meeting to another showering his pearls of wisdom about and who leans at you from every other page in the yearbook.

If that is so, it will be doubly hard to convince you that organization builders are persons who get right into committee work, doing odd menial jobs in order to learn the methods of the organization. They get their hands dirty in the little jobs, do them well, and then ask for more work. This goes on until one day they become officers. This is more or less an ideal conception, I'll admit.

On the other hand, there are some situations which permit inexperienced and possibly ineffective persons to rise to the top of a group. This happens in organizations with large turnover, lack of drive or few attractions and stimulations for membership. These outfits do little else than elect officers and publish their names in the yearbook.

One of the most discouraging things is the disintegration of a large and active group resulting from ineffective leadership. Officers here find that they are desperately doing all the work, and no one is being trained to carry on. In all these unfortunate cases, the "men" are never really separated from the "boys" and the members never learn to cooperate effectively.



Hits text changing

To the Editor:

Registration is now over, the war is now over, and shortages of space and instructors should be things of the past. Nevertheless, all too many (if not most) sections are too large for the desirable student-teacher relationship, which poses a long range problem that demands attention.

Immediate action can be taken, however, on the problem of overcrowded classrooms. Why, to illustrate, should the 9 a.m. class (MWF) in 300MH overflow its room while the instructor and nine students in another subject can find no other meeting place than 131MC, where they feel like a lost Girl Scout troop in an empty Grand Central station?

Instructors aren't always interested in providing more spacious, better lighted, and better ventilated classrooms for their sections. To whom may we turn?

Eager Idealist.

To the Editor:

Although moderately successful, the APO book exchange has been handicapped in performing its mission by the incessant process of changing the textbooks required here. For reasons not always apparent, or for no reason at all, a sizable percentage of the "popular" courses on campus list changed text specifications each semester.

Books are a considerable item of expense to the typical Techawk. It stands to reason that the Institute should desire to make only well-justified switches in text selections, because of the added burden on student finances which results when used books are unsalable and unusable.

Doubtless it may be charged that books are changed to bring added revenue to the bookstore, or to line the pockets of royalty-hungry erstwhile authors on the staff here. Probably not, but why, for example, have three different texts been used in Mechanics 201 during the last three semesters?

Perhaps these expensive changes are made on impulse, to satisfy whims of instructors. Obviously what is needed is a system to curtail adoption of different authors or new editions except where such moves have been carefully thought out and found justified.

F. C. and D. L.

TECHNOLOGY NEWS

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★ ★ ★

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* * *

Interested old lady (questioning model): "Do you mean to say that you pose for a man with no clothes on?"

Model: "Heavens no! He must wear pants and everything."

* * *

"Gee, it's my wife's birthday. I'd like to give her a present and surprise her."

"Why don't you give her a dress?"

"I gave her a dress last year. This year I'd like to give her the slip!"

Deena: "I don't like some of these modern dances. They're nothing but hugging set to music."

Nancy: "Well, what is there about it to which you object?"

Deena: "The music."

* * *

Three little triplets, cute as bugs ears started their first day at school and were met by the teacher.

"Gosh! are you ever the cute ones. I'll bet you're triplets. What are your names?"

"My name's Peter and I'm no saint," snapped the first.

"My name's Paul and I'm no apostle," growled the second.

"My name's Mary and am I ever blushing," shyly said the third.

Carbolic Gus.

Charity total decreases

The combined Charity Drive, held during registration, has netted \$1,322.82 Ira Graham, chairman of the drive, announced today. Illinois Tech students contributed \$1,161.07 of the total, while a similarly organized drive at the Institute of Design raised \$61.75.

"Although we had set a goal of \$1 per person, we are not too disappointed with the results," Graham said. This was the third combined collection held at Illinois Tech and showed a drop from the \$1,631 high contributed in September.

Under the combined charity drive plan, all solicitations are lumped into one concerted campaign. The organizations, which receive the proceeds from the drive are the

Ada S. McKinley Community house, 35 per cent of the total, the World Student Service fund, 5 per cent, the Community Chest, 20 per cent, the Red Cross, 5 per cent, March of Dimes, 10 per cent, and the Salvation Army, 10 per cent. A reserve of 15 per cent has been set up for miscellaneous charities. One-third of the reserve fund has been appropriated to the American Heart association.

In conjunction with the Charity Drive, ITSA representatives handled student insurance and the sale of Technettes. The number of Technettes sold at the reduced rate of 10 cents was estimated by sales woman Shirley Schultz at about 500.

Aeronauts plan indoor gas meet; J. Week display

The Model Airplane club will hold its first business meeting of the current year Tuesday. This meeting is primarily intended to introduce new members and to elect officers for the coming semester.

The number and variety of activities planned by the club for this semester foreshadows a busy and successful season. Some of the activities planned are two indoor meets for junior size engines, the Junior Week contest, and the Junior Week display. For the location of this first meeting see the bulletin boards.

Van Gogh's sketches portray tragic life

Fritz K. Richter, language instructor, whose exhibition of water colors will be shown here from March 21 to April 1, commented recently on the surprising popularity of the Van Gogh exhibit at the Art Institute. In discussing the success of the exhibit, Dr. Richter, who is a painter of considerable merit himself, stated:

"At the beginning of his career Van Gogh foresaw his tragedy. In his paintings he tried to be happy and brave to overcome that fearful spectre that had been haunting him. After ten years of fight and work, however, he had to surrender to it. He was a broken man. He put that broken man on his canvases

in bold oil strokes as if he wanted to tell us the final story—his story—his defeat.

"This is the reason for the great success of the present Van Gogh show: it reveals that gallant fight of a human being, as we are, and it tells us of his gruesome fate—but at the same time it demonstrates final victory."



ROY'S TAP FRANKIE'S GRILL

OPEN TILL
— 2 a. m. —

TAP & GRILL

- Beverages of Every Description.
- Finest of Luncheons Served Daily.
- Frank's Special—Chicken and Ribs — Friday and Saturday Nights 'Till 2 a.m.

Meet Your Illinois Tech Friends in the Convivial Atmosphere of the Friendly Tavern.


33rd and PRINCETON

The Colgate Maroon

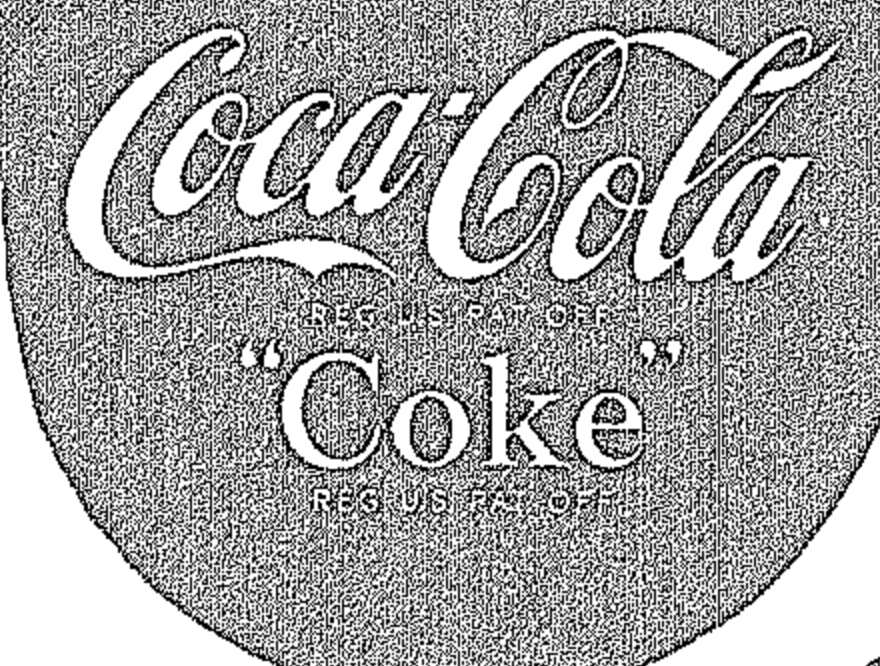
Vol. LXXIII Colgate University, Hamilton, N. Y., To be Out April 12, 1950 No. 22

Bunche, UN Palestine Mediator, Inspection Set; New Hospital Is Planned Tomorrow for For Community, Colgate Human Relations Speaker AROTC Unit Government to Pay Third of Total Cost

Colgate University's Air R. O. Y. C. Unit will hold its annual picnic and formal dinner program according to tradition.



Campus Store, Hamilton, N. Y.



Coca-Cola
"Coke"

Ask for it either way... both trade-marks mean the same thing.

5¢

In Hamilton, New York, the favorite gathering spot of students at Colgate University is the Campus Store because it is a cheerful place—full of friendly collegiate atmosphere. And when the gang gathers around, ice-cold Coca-Cola gets the call. For here, as in college haunts everywhere—Coke belongs.

BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY
COCA-COLA BOTTLING CO., OF CHICAGO, INC.
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"My cigarette?
Camels, of course!"

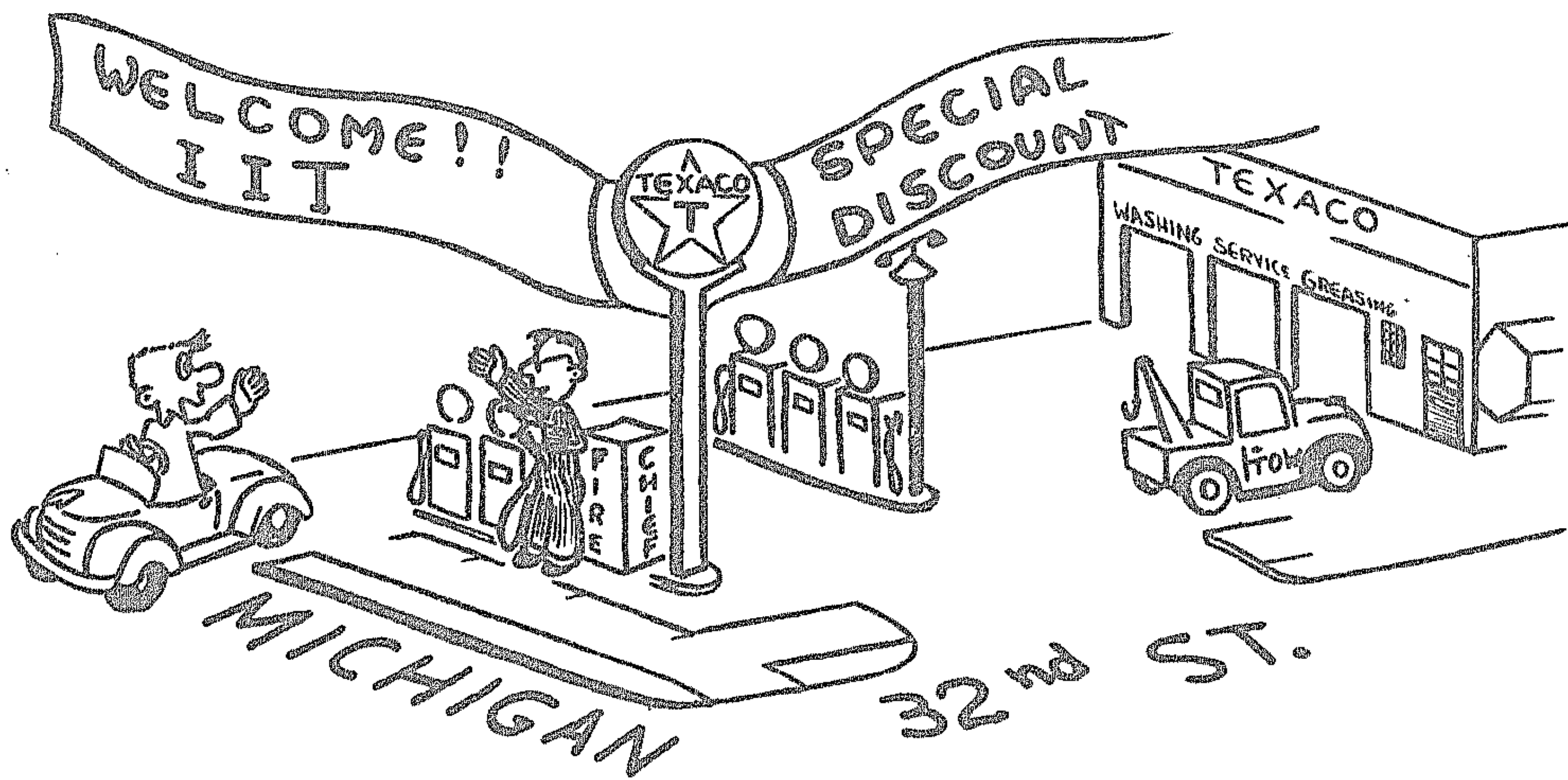
With smokers who know... its

Camels for Mildness



Yes, Camels are SO MILD that in a coast-to-coast test of hundreds of men and women who smoked Camels—and only Camels—for 30 consecutive days, noted throat specialists, making weekly examinations, reported

NOT ONE SINGLE CASE OF THROAT IRRITATION due to smoking CAMELS!



—BEAT THIS—

- Texaco Ethyl Gas **22.9**
- Texaco Regular Gas **21.4**

Regular Discount on Oil, Greasing & Washing

MICHIGAN AVENUE AUTO REBUILDERS, INC.

32nd AND MICHIGAN AVE.

Remember To Pick Up Your DISCOUNT Sticker

Kelly's patience solves registration headaches

By Marks Levy

If anyone is interested in having his hair turn snow white overnight, just find out if Ernest Kelly, associate registrar, needs an assistant for next year's registration. It's guaranteed to make you a hospital case in three short weeks.

Behind closed classes and innumerable program changes is Mr. Kelly, the man with an endless amount of patience. Amid cries of students who have to take Saturday afternoon labs and 8 o'clock classes, Mr. Kelly calmly straightens everyone out, students and instructors alike.

Although a large number of people around Tech Center do not agree with him, he thinks that registration ran very smoothly this year. "Despite the large number of program changes expected after classes begin, I am very satisfied with the system as it functioned this term," said Mr. Kelly.

The last two years of registration have presented a situation much different from the marathons of 1946 and 1947. The procedure then was first come first served. Eager students used to camp in front of the North Union as early as 1:30 in the morning for the purpose of being first in line. By the time the doors opened, the entire student body was ready to push their way through the first station. Unless you weighed 220 pounds and stood 6 feet 4 inches tall, it was inevitable that you sacrificed either broken limbs or torn clothes before the ordeal was over.

Something had to be done; in stepped Mr. Kelly with a new system and after a few changes it developed into the one that is used at the present time.

So if you don't like registration the way it is—just spend one day with Ernest Kelly, and you won't say another word.

AAR, IGT buildings completed

By Henry Holmes

Forty slum buildings were razed and three acres of land cleared last year in Illinois Institute of Technology's program of land clearance and redevelopment on Chicago's near south side, Raymond J. Spaeth, executive secretary and treasurer, reported last week.

In less than 10 years since the merger of Armour and Lewis Institutes, Illinois Tech's property has been expanded from seven acres to 85 of a projected 110 acre campus. Forty-five acres have been cleared or rebuilt.

Scheduled for completion by February 15 were the AAR research laboratory and the new \$400,000 laboratory and classroom building for the Institute of Gas Technology.

Last year a 10-story apartment building on South Michigan avenue—Gunsaulus Hall—was finished and occupied by married students and staff members, and the new heating plant and a steam distribution system for the entire Technology Center development was completed and will be put into operation shortly.

The area west of State street will be occupied by educational and research buildings and the area east of State street by housing units—apartments, dormitories, and houses for students and staff members.

Drawing Dept. announces city wide competition

Associate professor of technical drawing, Eugene Pare, today announced a drawing competition for Chicago high school students. The winners of the contest, which is sponsored by the IIT technical drawing department, will receive prizes including a one-year scholarship to Illinois Tech, a portable television set, and several sets of drawing instruments.

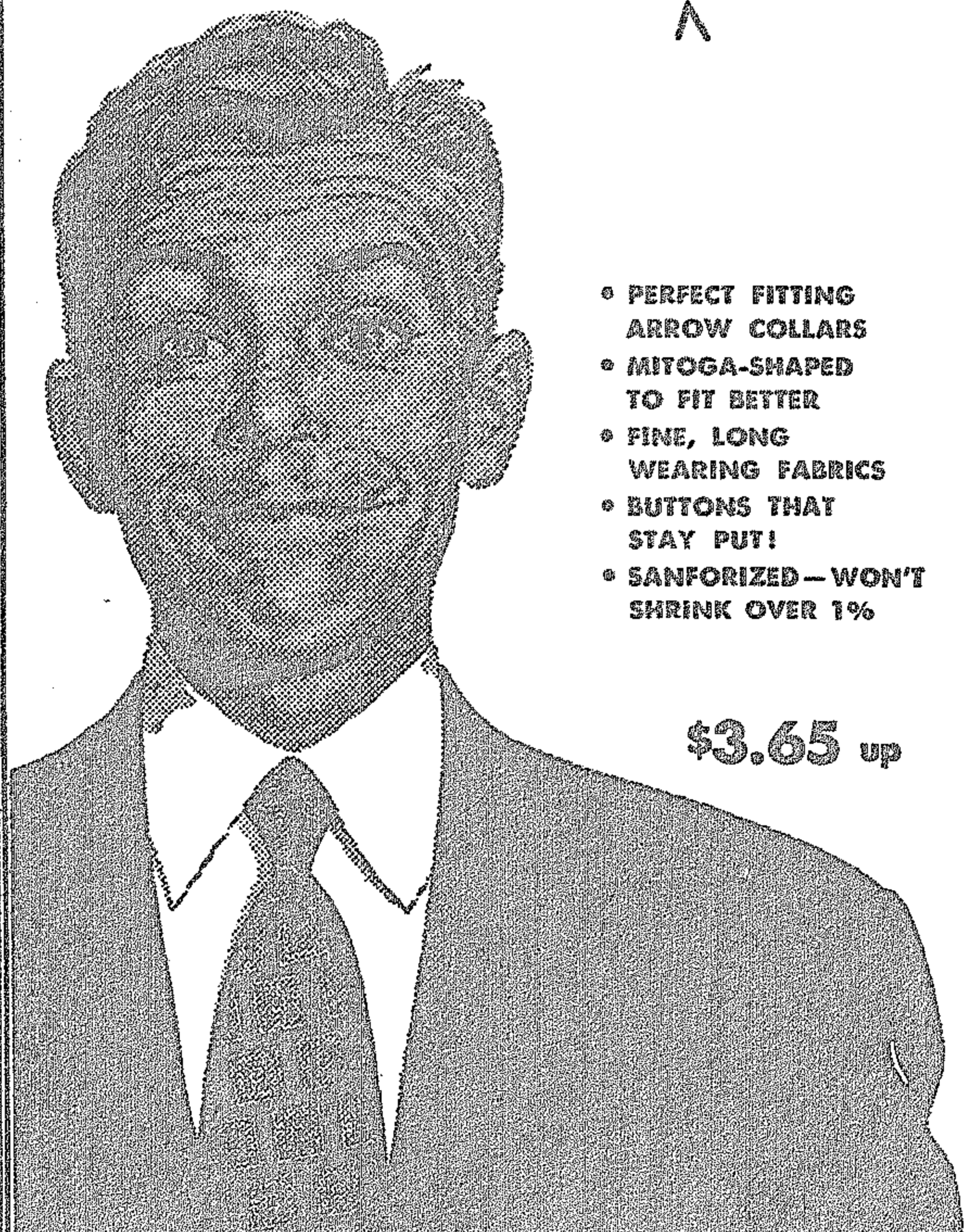
The competition is divided into three classes, each containing a problem of increasing difficulty. Pare plans to exhibit the prizes at the Junior Week Open House exhibit at the TD department.

tech timetable

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

FRIDAY, FEBRUARY 17
Gas Institute, 11 a.m., Exec. conf. room
Rough Castings, 3 p.m., NU aud.
Chess club, 4 p.m., SU lounge
Dean's Kaffeeklatsch, 4 p.m., Exec. conf. room
Rough Castings, 6:30 p.m., NU lounge
Alumni movies, 8 p.m., NU aud.
Honor I Dance, 9:30 p.m., NU aud.
SATURDAY, FEBRUARY 18
Alpha Sigma Phi fraternity, 8 p.m., frat house
MONDAY, FEBRUARY 20
Newman club, 6:30 p.m., NU aud.
TUESDAY, FEBRUARY 21
Gas Institute, 9 a.m., Exec. conf. room
All-school assembly, 1 p.m., Nu aud.
Math department, 1 p.m., 214C
Dean White, 7 p.m., Exec. conf. room
WEDNESDAY, FEBRUARY 22
Sigma Kappa, 5 p.m., NU lounge
Tau Beta Pi, 5 p.m., 115CB
THURSDAY, FEBRUARY 23
AICHE, 1 p.m., 101MC
AIME, 1 p.m., 204MC
ASCE, 1 p.m., 115CB
CAS, 1 p.m., 105C
Math department, 1 p.m., 214C
Midshipman club, 1 p.m., 131MC
IVCF, 5 p.m., AH conf. room
IFC, 6 p.m., Alpha Sig house

"Even I look good
White
in an Arrow Shirt!"



- PERFECT FITTING ARROW COLLARS
- MITOGA-SHAPED TO FIT BETTER
- FINE, LONG WEARING FABRICS
- BUTTONS THAT STAY PUT!
- SANFORIZED—WON'T SHRINK OVER 1%

\$3.65 up

ARROW SHIRTS & TIES

UNDERWEAR • HANDKERCHIEFS • SPORTS SHIRTS

YOU'LL FEEL GOOD, TOO, IN AN

Arrow White Shirt



\$3.65 up

College men prefer Arrow's because they're better-looking and more comfortable. Practical, too—they give long, satisfactory wear!

We have a fresh stock of Arrow whites in your favorite collar styles! Come in soon for yours!

Lytton's

Henry C. Lytton & Company

FOR ARROW UNIVERSITY STYLES

Plastic tableware offers wide variety of colors

Tableware made from plastics has practical advantages that should assure it a bright future, according to Herbert S. Gausebeck, assistant chairman of chemistry and chemical engineering at Armour Research Foundation.

Plastic cups, saucers, dishes, and other dinnerware are stronger and lighter than their china or earthenware counterparts, Gausebeck pointed out. They also hold heat better and can be handled without noise.

Restaurant owners and the plastics industry developed the tableware to reduce breakage articles. Most successful so far are articles made of melanin formaldehyde resin, a tasteless, odorless compound with good impact strength and resistance to abrasion. Polystyrene, polyethylene, and the acrylic resin are also being used for tableware items not exposed to excessive heat.

"While plastic dishes cannot equal the beauty of fine china, they are well suited for everyday use and for restaurants," Gausebeck said. "They are about one-third the weight of comparable china or earthenware, but their low thermal conductivity permits food to stay hotter longer."

Melanin-formaldehyde cups develop coffee or tea stains, but the stains can be removed by bleaching or a mild abrasive. The plastic items cannot stand boiling indefinitely, nor are they as hard as china or glass and so pick up knife scratches. One asset, however, is the lack of surface glazing, which often means unsightly cracks on the surface of glazed earthenware.

Improved designs for plastic tableware, which allow better stacking and a wide variety of bright or pastel colors, promise to make the lunch hour more cheerful in restaurants and cafeterias.

"Polyethylene bowls are particularly suitable for refrigerator storage because their slight flexibility makes water and vapor-tight closures possible," Gausebeck said, "and because their inherent chemical inertness makes them resistant to all types of food so stored."

In addition to dinnerware, a number of plastic table accessories—trays, place mats, table cloths, handles for flatware—are becoming more popular because of their ready cleansability and attractive appearance.

2 year silence ends; music flows to Union buildings

Music broke forth in the North and South Unions' loudspeakers this week for the first time since June, 1948. The sound system had been inoperative due to a broken transmission line between the two Unions.

The problem was tackled by students Fred Wright, EE, Vernon Keenan, Psych., and Joel Wexler, EE, with funds authorized by ITSA. The problem of repairing the sound system involved innumerable hours of stringing wire and the acquisition of a transformer whose impedance requirements baffled the Rho Epsilon radio technicians for two semesters. Additional funds for improvements in the system were requested at the last meeting of ITSA.

Classified Ads

Call Ext. 404

WANTED—old (1925-40) electric trains, 0 gauge, Lionel, Amer. Flyer, Ives, in any condition. Don't let old ones rust away in basement or attic. Drop list of stuff and price wanted in Tech News office.

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

FOR SALE—2 new Supercushion tires, 6.70-15; unused, \$25.00. Call after six.—VA. 6-5010.

Senior Farewell bids available; semi-formal attire approved

Reservations for the Senior Farewell to be held June 8 are now on sale at the North Union ticket booth. A maximum of 250 bids will be sold for the farewell, almost half of which have already been reserved through the notice mailed to all graduating seniors. Any senior who is interested in attending the affair and has not yet made his reservation should turn in his request at once.

The farewell will be held at the exclusive Tam O'Shanter Country Club with dancing in the main ballroom and on the outside terraces. Although the affair is limited to 250 couples at present, the second floor ballroom can also be opened if the demand is great enough.

Before the social committee can justify the risk of reserving additional space, however, it must be fairly certain that it can meet its costs with extra bid purchases, which means that the affair will be planned only on the basis of reservations made before the deadline. All reservations must be made by February 24 and completely paid by April 15. If any openings are left after these dates they will be sold at about \$9 a bid.

At the last meeting of the social committee, the controversial subjects of dress and whether or not to serve a dinner were decided. Basing their decision on the

questionnaires mailed out, it was decided to have the affair semi-formal. (This was defined as formal for the girls and dark business suit

or tux for the men.) Because of the high price of a dinner, a more reasonably priced smorgasbord was decided upon.

Florence Permanent Specials Cream Oil, Cold Wave, Machine or Machineless

Reg. 5.00 NOW	\$2.95	Reg. \$7.50 NOW	\$5.95
		Incl. Cut and Set	
Reg. \$10.00 NOW	\$7.50	Incl. Cut, Set, and	
Reg. \$15.00 NOW	\$10.00	Hot Oil Treatment	
Reg. \$17.50 NOW	\$12.50		

SHAMPOO and SET, JUST \$1.00

— FREE GIFT TO EVERY CUSTOMER —

Specials Also on Bleaches, Tints and Dyes

FLORENCE BEAUTY SHOP

3256 S. Wells Street

Calumet 5-9897

HOURS MONDAY THRU SATURDAY, 9 to 9

THE DU PONT DIGEST

FOR STUDENTS OF SCIENCE AND ENGINEERING

BAD MEDICINE for flies

Research that produced an insecticide safe to spray on cows may save millions for American agriculture

Armed with only a fly-swatter, the farmer would get nowhere in ridding his dairy barn of disease-carrying insect pests. But he has to be careful in using insecticides around cows. A toxic spray may be absorbed through the animal's skin and show up in meat, milk and butter.

Next fly-season farmers and ranchers will be able to buy a fly-killer that is both powerful and safe. In Du Pont Marlate* 50% technical methoxychlor insecticide they will get this combination of properties that no single insecticide has ever offered before.

Methoxychlor is a recent Du Pont development. Du Pont scientists worked for eight years in the laboratory and in the field to develop its applications in agriculture.

A safer insecticide

"Marlate" 50 is a residual insecticide and remains an effective killer of flies, mosquitoes, fleas and lice for several weeks after application. When used as directed, this insecticide is exceptionally safe to human beings, livestock, pets and crops. This has led federal experts to recommend it not only for spraying in barns, milk houses and milk plants, but also on the animals themselves.

Besides its use on livestock, methoxychlor kills many insects that attack vegetables, fruits and forage crops. It is offered to flower growers as an ingredient in Du Pont Floral Dust. It is used in moth-proofing compounds so that dry cleaners can easily moth-proof woolens while cleaning them. Many stores carry aerosol bombs containing methoxychlor for household use. It can be used with safety in flour mills, freezing and canning plants, grain stor-



THE BITES of flies, lice, and ticks can cut down milk production as much as 20 per cent. One spraying of "Marlate" 50 will control these pests for several weeks.

age elevators, cereal manufacturing plants—wherever food is processed. This development of research can bring immediate cash savings of millions of dollars to American agriculture, industry and homes.

The long fight

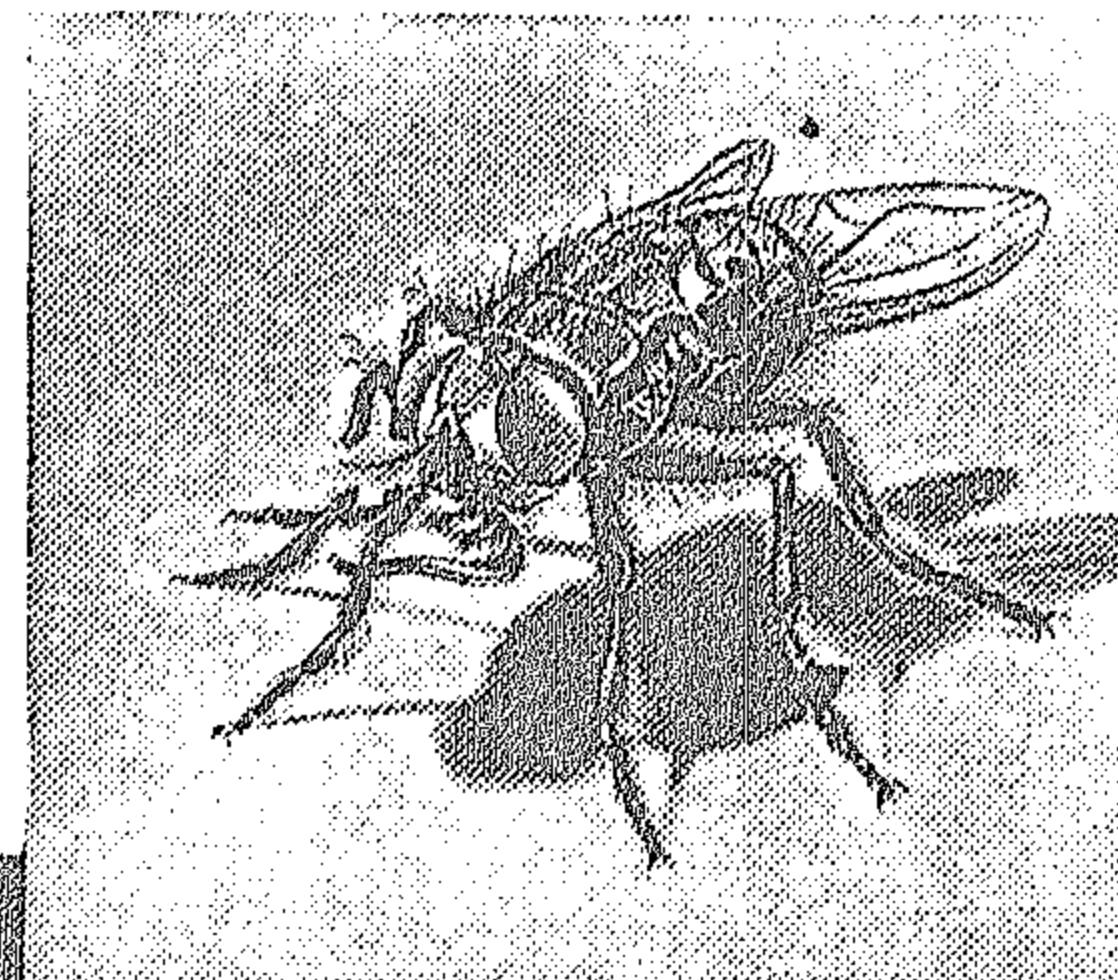
Exciting as the future of "Marlate" 50 appears, this does not mean that the use of other insecticides will not continue. Each has its special characteristics, and each has special uses for which it is outstanding. There are at least 10,000 kinds of insect pests, of more or less importance, in North America, and there can be no let-up in the scientific fight being waged against them.

Du Pont alone now makes over fifty different insecticides. The knowledge gained in making each one speeds the development of the next. By backing ideas with funds and facilities, Du Pont helps the farmer put

more and better food on the American table. At the same time, in many other fields, Du Pont is helping to raise the American standard of living with continuous research aimed at developing new products and improving present ones.

*REG. U. S. PAT. OFF.

"MARLATE" 50 kills flies and many other insects attacking livestock, vegetables, fruits and forage crops.



SEND FOR "Chemistry and the Farmer," an interesting, informative booklet on the development of pest control, etc. 34 pages. For your free copy, write to the Du Pont Company, 2503 Nemours Building, Wilmington, Del.



REG. U. S. PAT. OFF.

BETTER THINGS FOR BETTER LIVING
... THROUGH CHEMISTRY

Great Dramatic Entertainment—Time in "Cavalcade of America" Tuesday Nights, NBC Coast to Coast

Entries grow for Tech Relays, March 11

By Dave Miller

Illinois Tech's 19th annual record-threatening extravanza will again feature the nation's swiftest, strongest and most agile collegiate track and field athletes in another assault on the accepted standards.

The scene of many stellar performances in the past, the Illinois Tech relays will be held Saturday, March 11th, at the University of Chicago fieldhouse and will again host the world's largest collegiate indoor track meet.

Under the capable direction of Bernard "Sonny" Weissman, Tech's director of athletics, who has been connected with the games since their inception in 1928, the relays will seek to outdo last year's 750 athletes from 68 colleges and universities in caliber of performance.

The Hurons of Michigan Normal will again be favored to spread-eagle the college division in spite of the clamor to put them in with the "big boys" of the universities. Led by their star sprinter, Garion Campbell, who is slated for his third title defense in the 70-yard dash, the Ypsilanti thinclads are again laden with the well-balanced power that almost tripled the second highest score last year.

The boys from Normal won 6 of the 14 events and scored in everything but the mile to roll up 70½ points to Wheaton's second place 24. Campbell, who tied the world's record in the dash, also found a

moment to take one try at the broad jump which he won with a leap of over 24 feet.

The fight for second place behind the Hurons is usually split among Wheaton, Loyola, Bradley, Baldwin Wallace, and the University of Chicago, who manage to keep the rest of the college division from being beaten by Normal.

The university division is again expected to be a re-running of the Big Ten meet with the added attraction of Notre Dame, Kansas State, and Missouri. Among the defending champions are Jim Holland of Northwestern, broad jump king, who also competes in the sprints; Harold Omer of Purdue, dash champ, and Notre Dame's Bill Fleming, who tied the world's record in his hurdle specialty last week.

Don Laz of Illinois, who set a new record of 14 feet 1 inch in the vault last year, has already exceeded that height many times this year. This includes a practice vault of 15 feet which, although unofficial, definitely makes him the favorite in the pole vault.

A large clamor for the distance medley, an event popular because of its suitability to a balanced team, resulted in its addition to this year's program. It had been left off due to the amount of time consumed in its running.



HOLLAND OF NORTHWESTERN Defending Champ in Broad Jump.

Tech Sports



AH! SWEET VICTORY! The IIT Mermen pose for the photographer after trouncing George Williams 43-32.

Swimmers face Maroons tonite

By Ted Spath

Captain Ray Klitzke, winner in 6 out of 7 meets this season, will lead the mermen in action tonight when the University of Chicago plays host to the IIT aggregation at 7:30 in the Bartlett Gymnasium pool. The Maroons have a record of 21 consecutive dual meet victories stretching throughout the '47-'50 seasons and will more than likely provide the Tech men with the stiffest of competition.

Over the holidays, the swimmers engaged in three meets, swimming against George Williams, January 13, North Central, February 10 and De Pauw, February 11. The initial meet was won 43-32 while the latter two were lost by the scores 48-27 and 44-31. These results now leave the Scarlet and Gray with a record of three wins and four losses, and three dual meets left to compete in.

The loss of Captain Ted Amberg and John Mitchell due to graduation was heavily felt in the recent swimming engagements. Mitchell and Amberg were both star sprinters on the squad throughout their four years at Tech, and needless to say, Coach John Makielski will have to look far to find two proficient sprint men to replace them.

Although losing two out of the last three meets, the Merman looked very good in many events. Captain Klitzke kept his record streak of victories humming with three wins in the diving event throughout these meets. Ted Erickson, veteran distance man, swam some fine races and emerged triumphant in two events while

also garnering three second places and one third place.

Some of the newer men on the team also saw action in the last three conflicts. These included Bill see SWIMMING on page 9

Techhawk speedsters to make debut in quadrangular meet

By Don Anderson

The Illinois Tech cinder beaters will join the list of active indoor track teams in the Chicago area tomorrow. The event, which will bring "The Chicago Four" together in the only quadrangular meet involving these four schools, will be held at the University of Chicago Fieldhouse at 2:00 p.m. The meet is expected to place new records in the books since all of the established marks have been equalled or bettered by many of the runners already this year.

Entering the meet as heavy underdogs the Techawks are not expected to win any event, but have a good chance to gather several seconds and thirds. Having been limited to only a few practice sessions in the last month, the boys will

not be as sharp as the Chicago, Loyola, and De Paul flashes, who have not only competed in three or four previous meets this season, but also have indoor tracks on which to practice. Even with so little practice the Scarlet and Gray will try to make their first meet of the season a success.

The ever reliable Al Ashurst in the distance events and Co-captain Bill Baumgartner in the sprints are expected to bear the brunt of the Techhawk attack. Other returning lettermen who will go all out against our formidable foes include Wally Kohler and Jo Jantzen in the distance races, Bob Voightman in the grueling quarter mile, and Dave Miller and Keith Wingate in the high and low hurdles.

When Coach Ed Glancy's boys take to the home hardwood tonight in search of their fifth straight win, a pair of new faces in the lineup will be seeing a lot of action. These faces belong to one Howie Gardner and one Carl Moeck, a pair of six feet plus lads who have been supplying of late a much needed scoring punch, depth and rebounding power to the Scarlet and Gray quintet. Both were culled from Glancy's "farm system," the Intramural basketball league.

Gardner, seeing limited action the first part of the season, found himself against Michigan Normal last week when he hit for 13 points and was the sparkplug of the second half drive that netted Tech a decisive 59-37 win on the Michigander's home court.

Moeck, joining the team three weeks ago, played fine ball against Chicago Teachers College last Tuesday, adding his 10 points to the cause as the Techawks trounced the Teachers, 59-42.

Big George Scalamera was his usual dependable self, collecting 19 and 17 markers in the two contests. Scalamera now ranks fifteenth in the nation in scoring in small college competition with a solid 20 plus point average and looks like a cinch to break his own Tech scoring record, set last season.

Our bucket artists will be out for revenge tonight when they face an off and on University of Chicago five in the Tech gym at 7:45 p.m. Earlier this season the Maroons handed the Techawks their first defeat to the tune of 60-45, catching the slide rule kids on a cold night. The story should be different tonight, for Glancy can throw a much faster and better balanced team into action.

Bob McCue, after a slow start this season, seems to have regained the form that he showed last year as a freshman. It was his excellent

passing and floor play that set up many easy buckets in these last two games. Another one of the little guys, Tommy Goralka, has been supplying a lot of the speed that has really been making Glancy's fast break murder to the opposition.

Illinois Tech 59				Chicago Teachers 43			
	fg	ft	pf		fg	ft	pf
Leiser,f	3	3	5	Gleason,f	0	1	3
Gardner,f	3	1	5	Tracy,f	5	5	4
Scala'ra,c	6	5	4	Houtsma,c	2	1	4
Urasky,c	1	1	1	Sta'ski,c	3	1	4
McCue,g	3	3	2	Hillb'd,g	3	3	3
Goralka,g	0	1	0	Matz,g	0	0	1
Maatman,g	1	1	0	Taylor,g	3	0	2
Moeck,g	4	2	3	Mayer,g	0	0	1
	21	17	20	Mullin,g	0	0	1
					16	11	23

Halftime score: Illinois Tech 30--

Illinois Tech 59				Michigan Normal 37			
	fg	ft	pf		fg	ft	pf
Leiser,f	4	3	3	Wargo,f	0	1	2
Urasky,f	1	0	1	Hockings,f	1	2	1
Gardner,f	4	5	3	Jax,f	4	2	2
Scala'ra,c	8	3	4	Miller,f	0	0	3
McCue,g	3	1	2	Jackson,c	6	2	4
P.Pet'on,g	0	1	2	Harper,g	1	0	1
Goralka,g	1	1	2	Turner,g	1	0	4
Maatman,g	0	0	0	Tschirart,g	1	1	2
Moeck,g	1	0	0	Collins,g	0	1	3
Burke,g	0	1	0				
	22	15	17		14	9	21

Halftime score: Illinois Tech 22--
Michigan Normal 19.

Barbaro sends wrestlers against Chicago Teachers

After a three-week layoff, the Scarlet and Gray grapplers again take to the mats Friday to meet Chicago Teachers College. Groomed by Tony Barbaro and paced by Al Siedle, our team's only undefeated man, the team is confident in their ability to raise their average for the year.

Plagued by the lack of a heavy-weight, the team beat Wright Junior College while dropping decisions to Bradley, Navy Pier, and Macomb. With three more meets to go this season, Coach Barbaro is looking forward to a better than .500 average. Whatever the outcome of this year, a rosy future is predicted for next season when most of the first men will be back.

Looking at Sports
by Larry Shapiro



If I wipe the sleet from my glasses I can just about see spring around the corner.

Why? Well, first of all those *!!! Cubs finally left town. The tennis team is starting to work out. Sam Bibb is shooting golf in the low eighties (he is not that old!), and is about to sound the clarion for his pillrollers.

"Big Ed" sandwiches in a few words about the prospects for his (and our) baseball team between his praise of Howie Gardner, Carl Moeck, and Jerry Maatman (more about these boys later).

Getting back to the tennis team (I have no intention of going back to the Cubs); workouts are starting in the gym tomorrow at 10:00 a.m. and will be held every Saturday.

Coach Glancy is looking forward to a banner season. The varsity nine will have all but three men back from the squad which took nine of fourteen last year. Burt "The Horse" Hoffman will captain the team from left field and swing his .415 bat from the cleanup slot. "Rapid Robert" Leiser will head a veteran pitching staff (and he better throw a no-hitter—we have to have something to write about in the spring).

A fifteen game schedule (without any soft touches) has been carded and will be climaxed by a three day tournament between six Chicago area colleges. The hardest nuts to crack, at the moment, would appear to be the University of Northwestern (yeah! from the Big Ten), Valparaiso and Eastern Illinois.

Gardner, Moeck and Maatman represent the donation of the IM basketball league to "Glancy's Gladiators." Howie Gardner starred for the Trojans. Carl Moeck, the newest addition to the squad, was recruited from the NROTC team two weeks ago. Jerry Maatman is a graduate of the Wolves.

Stick with those Sox!

IM playoffs near; four unbeaten

By Bill Feliss

The half way point in the IM basketball tournament finds four undefeated teams leading their respective divisions. The NROTC's with three games won and none lost are leading the A division.

With a 4-0 record, the Whiz Kids are way out in front in the B division. From a look at the impressive scores that these boys have amassed up to date, it looks as though the Whiz Kids are the team to beat for the IM championship.

In the C division the Sharks, led by the sharpshooting of Don Rohan and Al Alexander, boast a 4-0 record. However in second place are the Wolves who have won 3 and lost 1. Paced by the fine play of Sherman Roberts and Chuck Gentzel the IF's find themselves with a record of four wins and no losses and well on their way to walking off with first place in the D division. The Shrimps are in second place in this division with 2-0 record.

The IM volleyball and badminton tournaments will get under way by the second week in March. The roster for the volleyball team includes the team name and the hour available for tournament play. Each volleyball team must have eight men. Entries for either the volleyball or badminton tournaments can be made at the gym office. Schedules will be posted on the North Student Union board and also in the gymnasium.

SWIMMING

Christian, who did his bit for the cause with a third place in the 200 yard breaststroke against George Williams, and Richard Schmucker, who swam for a third place in the 440-yard free style against De Pauw.

SWIM RESULTS:

GEORGE WILLIAMS 32—IIT 43
300 yd. medley: (1) IIT; (2) GW.
220 yd. freestyle: (1) Erickson, IIT; (2) Moody, GW; (3) Spath, IIT.

60 yd. freestyle: (1) Muhlig, GW; (2) Monlux, GW; (3) Takata, IIT.
Diving: (1) Klitzke, IIT; (2) Brown, IIT; (3) Monlux, GW.

100 yd. freestyle: (1) Muhlig, GW; (2) Amberg, IIT; (3) Manchester, GW.

150 yd. backstroke: (1) Takata, IIT; (2) Campbell, IIT; (3) Brownslow, GW.

200 yd. breaststroke: (1) Carlman, IIT; (2) Anderson, GW; (3) Christian, IIT.

440 yd. freestyle: (1) Erickson, IIT; (2) Macaskull, GW; (3) Nelson, IIT.

400 yd. relay: (1) GW; (2) IIT.

NORTH CENTRAL 48—IIT 27

300 yd. medley: (1) NC; (2) IIT.
220 yd. freestyle: (1) Retzlaff, NC; (2) Erickson, IIT; (3) Westine, NC.

60 yd. freestyle: (1) Fetzor, NC; (2) Watson, IIT; (3) Valovic, IIT.
Diving: (1) Klitzke, IIT; (2) Baylor, NC; (3) Brown, IIT.

100 yd. freestyle: (1) Koenitzer, NC; (2) Takata, IIT; (3) Spath, IIT.

150 yd. backstroke: (1) Koenitzer, NC; (2) Campbell, IIT; (3) Schilling, NC.

200 yd. breaststroke: (1) Erickson, NC; (2) Carlman, IIT; (3) Zichterman, IIT.

440 yd. freestyle: (1) Retzlaff, NC; (2) Erickson, IIT; (3) Westine, NC.

400 yd. relay: (1) NC; (2) IIT.

DE PAUW 44—IIT 31

300 yd. medley: (1) DP; (2) IIT.
220 yd. freestyle: (1) Cooper, DP; (2) Stewart, DP; (3) Erickson, IIT.

60 yd. freestyle: (1) Takata, IIT; (2) Walker, DP; (3) Leonard, DP.
Diving: (1) Klitzke, IIT; (2) Keller, DP; (3) Leonard, DP.

100 yd. freestyle: (1) Stewart, DP; (2) and (3) Takata, IIT, and Walker, DP—tie.

150 yd. backstroke: (1) Campbell, IIT; (2) Griffith, DP; (3) Takata, IIT.

200 yd. breaststroke: (1) Zichterman, IIT; (2) Carlman, IIT; (3) McCarty, DP.

440 yd. freestyle: (1) Cooper, DP; (2) Erickson, IIT; (3) Schmucker, IIT.

400 yd. relay: (1) DP; (2) IIT.

Fraternity Row

By Sid Doppelt

For the benefit of all the new and inexperienced students entering the school as well as for those few lethargic souls who have lacked the time to read each issue completely, let's review all the momentous events which have taken place among the athletes of Michigan Avenue during the past semester.

Early in the season the pill-chasers of Triangle Fraternity made an attempt to defend the golf cup which they possessed, but a powerhouse quartet from Alpha Sigma Phi, with an average of 86 strokes per man, were just too hot to handle. The Alpha Sigs were paced by Ed Jennings, Ozzie Rudolph, Joe Veg and Jim Donahue. They rolled over the Jackson Park course without leaving the final outcome in doubt at any time.

In football it was more of the same. The Alpha Sigs and Delta Tau Delta met in the finals after the former had gone through the entire schedule without a defeat. Continuing their winning ways, the Alpha Sigs trounced the Deltas 18-0.

Next in line for the Alpha Sigs came the I.M.—I.F. Slide Rule Bowl game sponsored by Technology News. Here the fraternity boys met a brick wall in the form of the Gremlins of the rival league. At the final whistle the Alpha Sigs had met with their first defeat and the Gremlins continued to be masters of the football league.

Right now the basketball race has narrowed down to a two-way battle between Theta XI, last year's champion, and a surprise team from Delta Tau Delta. The possible changes caused by graduation and pledging can still bring plenty of action throughout the league, and only the next few weeks can tell the story.

Coming up this semester will be the softball, track, tennis, and ping-pong tournaments which should provide plenty of fireworks for all the athletic minded individuals hereabouts, whether they be spectators or in actual competition.

Rifle club shoots Cornell, Sienna, and Oregon State

Starting the new semester with plenty of action, the Techhawk Rifle Team meets three opponents next week. The opposing schools are Cornell University, Oregon State College, and Sienna University. The following week the team will be up against Lawrence Tech, Penn State, University of San Francisco and the United States Coast Guard Academy.

Last semester's team of ten men, all of whom are expected to return, took ten of their fourteen matches, beating such schools as Iowa State, Harvard, and the University of Cincinnati. This semester's activities include, besides the regular postal matches, shoulder-to-shoulder matches against one or more schools at the same time.

Enter the 1950 Illinois Tech Chess Tournament! To enter sign up on the Chess Club bulletin board in the South Student Union Lounge. Final entry date is Friday, February 24th. An entry fee of two dollars will be returned at the end of a player's completed schedule. Two preliminary sections will select finalists. Those eliminated will be able to play in a consolation round-robin. New men are being sought for club inter-college match play.

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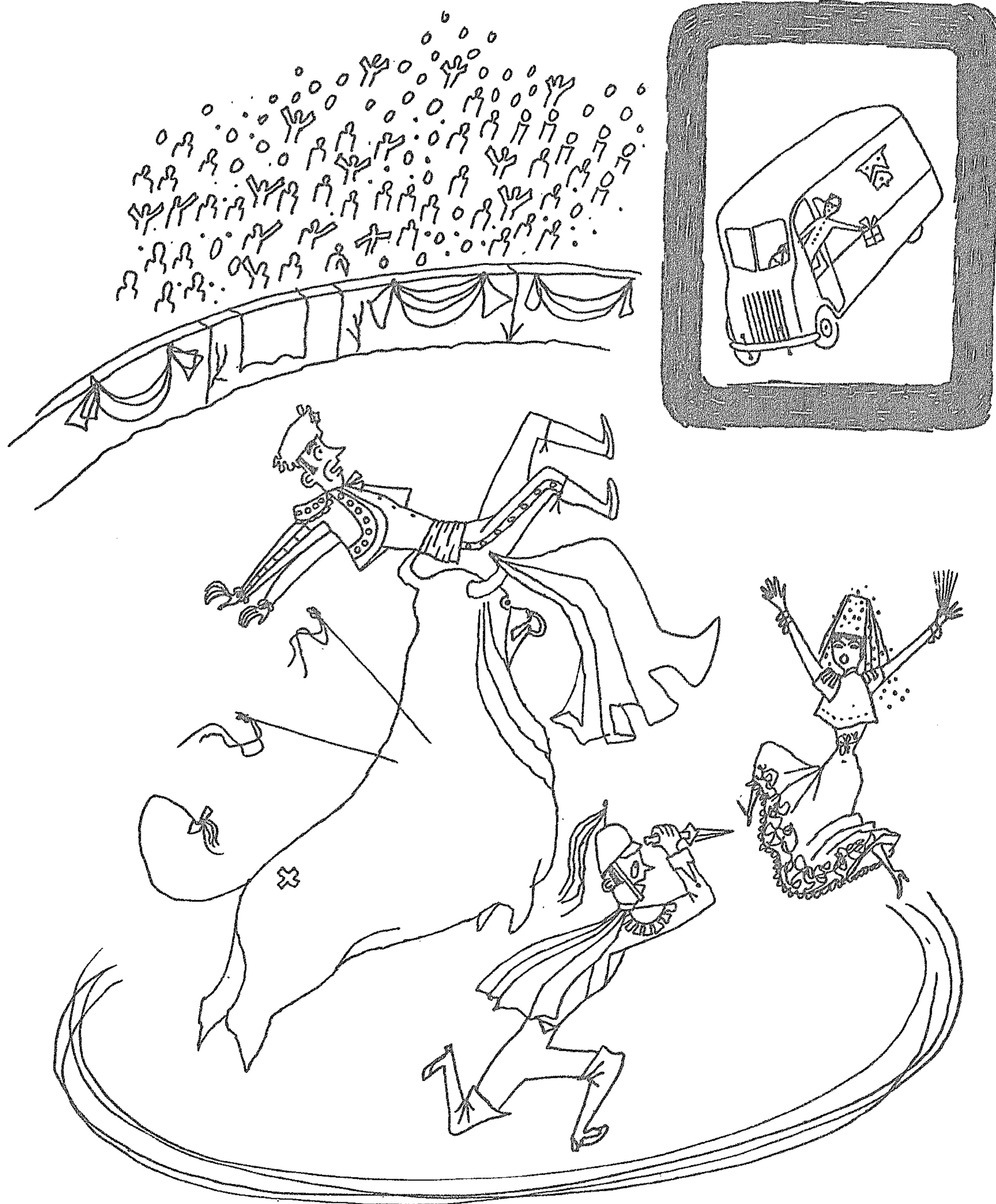


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