

TECHNOLOGY NEWS

"World's Greatest College Newspaper"

VOL. 26—No. 12

Z143

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

JANUARY 14, 1941

HUGE BUILDING PLAN FOR I.I.T.!

FIRST UNIT—LIBRARY, ADMINISTRATION



The first building to be constructed under the \$3,000,000 plan which was announced yesterday will contain a vastly enlarged library, many classrooms, and the administrative offices of the Institute. At an estimated cost of \$700,000, this three-story building will provide 100,000 sq. ft. of floor space. Institute officials plan to have this building ready for occupancy by September, 1942. This view shows the library building facing south on 33rd street at Dearborn. At the right, along Dearborn street, the front of the projected engineering and science building can be seen.

Long Awaited "Technology Center" to Enclose Four Blocks on the South Side; First Unit to be Built Soon; All Modern Facilities to be Featured

Illinois Institute To Erect "Campus Of Future" At Armour

Chicago, Jan. 14 (Special)—A brilliant era in the destiny of Illinois Institute of Technology stands now, at last, vividly in the horizon. Hundreds of rumors regarding the campus consolidation of the two recently merged schools, Lewis and Armour Institutes, are now no longer rumors, for the present location of Armour College, greatly enlarged, is to be the site of a vast new campus, entailing the most modern design.

Not a dream, but an actual fact, planned secretly for almost two years by an energetic board of directors, composed of eminent industrialists and engineers, the property extending from State St. to the tracks, and 32nd to 34th St. is now in possession of the Institute. Buildings, the cost of which is expected to total upwards of \$3,000,000, are now on architects' drafting boards and awaiting completion of the necessary financing.

"Most Suitable Location"

Selection of the south side school's property as a permanent location became an almost foregone conclusion after an extensive search by the school authorities for suitable and obtainable land according to Pres. Heald. Such land being very scarce, a large fortune is required for its purchase alone. The fact that certain lands are desired by the Institute for a new campus, when it becomes known, immediately causes prices to skyrocket far above their normal and sensible level. In addition, the problem of moving a large technological institution more than a very short distance is a tremendous one. The convenience of the chosen site and the relative ease of acquiring additional surrounding territory were

(continued on page eight)

Campus To Offer Modern Facilities To Liberal Arts

Chicago, Jan. 14 (Special)—Recognition of the fact that it is urgent that all students of IIT be on one campus is shown in the plans for the new buildings and surroundings. The first building of this project, one of the largest in the plan, will be built at the present site of Ogden Field and will house the library and the non-lab courses as well as the administrative offices.

Combination of the two libraries will place nearly 100,000 volumes at the convenience of the students. This library and various other additions and improvements in curricula may make possible graduate work in liberal arts within a reasonable length of time. It is now possible for science graduates to specialize in their subject and earn the degree of master of science.

"University" Not Intended

"Technology Center" does not aspire to be a university. Rather the desire is to do a job which is unexcelled in particular fields. L.A. students need not shudder at attending an Institute of Technology nor fear that liberal arts will be eliminated. The reasons for this are two-fold. First, general education is an absolutely necessary preliminary to specialized education, and secondly, in a broad sense the term technology can apply to many liberal arts courses which are offered.

In studying the project it was recognized that the surrounding community had deteriorated and that coeds might not choose to attend a school located in such a district. This difficulty will be overcome by the fact that the campus will extend to and possibly include the "L" station.

(continued on page seven)

Enrollment Will Be Increased; Propose No Course Changes

Chicago, Jan. 14 (Special)—Simultaneous with the announcement of a new Illinois Institute of Technology campus was the program to increase enrollment to over 8000 students and to expand greatly present curriculum facilities at existing campuses. President Heald revealed last night. The present purpose of Illinois Institute, a technical center of engineering and architecture flanked by a school of Arts and Sciences, will be carried through in expanded form sustained by the maintenance of the same existing high standards.

Boosted substantially will be the day school enrollment to a figure

(continued on page seven)

Educational Plant To Be Built On South Side Campus; Cost To Be Three Million Dollars

Chicago, Jan. 14 (Special to the Technology News)—A long range plan for the future of Illinois Institute of Technology—a plan that will have tremendous effect on functional education in Illinois—was made public for the first time yesterday noon at a luncheon held at the Chicago Club. The project, which was presented to over 100 prominent Chicago industrialists, calls for a vast building program on land which has been acquired around the present Armour campus. For the first time in its history, Illinois Institute—formerly Armour and Lewis Institutes—will have an integrated campus and equipment comparable to its world reputed teaching staff.

Five on Steering Committee

Simultaneously with the announcement of the appointment of Mr. Wilfred Sykes, prominent Chicago industrialist and member of the Board of Directors of Inland Steel Company, as chairman of the committee to guide the new expansion program, came the naming of four equally outstanding men as serving with him on the steering committee. These men are Sydney G. McAllister, President of International Harvester Company; Charles B. Nolte, President of Crane Company; Charles S. Davis, President of Borg-Warner Corporation; and James D. Cunningham, President

(continued on page seven)

Cunningham Presides

James D. Cunningham, President of Republic Flow Meters Corporation and Chairman of the Board of Trustees of Illinois Institute of Technology opened the meeting at the Chicago Club yesterday by presenting a program of three divisions to the 100 prominent Chicagoans. He pointed out that the meeting would concern itself first with what had been done, what was being done in securing new facilities for IIT, and what the future held for the project.

Sykes Is Committee Chairman

After these introductory remarks, Mr. Cunningham introduced as Chairman of the Steering Committee, Mr. Wilfred Sykes, a director of Inland Steel Corporation and a member of the IIT

Student Union, Field House To Foster Activities

Chicago, Jan. 14 (Special)—For many years "Uncle John" Schommer has "hinted" that he would like a field house for his athletic program. With the announcement of the "plan" for the development of Illinois Institute of Technology comes word that Mr. Schommer's "hints" have been taken seriously.

A sizeable field house, capable of handling both men and women

(continued on page seven)



Wilfred Sykes

Board of Trustees. Mr. Sykes recounted in detail the work of his committee in developing plans, purchasing land, and obtaining the cooperation of prominent Chicagoans. His explanations as to the extent of the project, which covers over 25 acres of land around the present Armour College campus on Chicago's south side, were amplified by brochures distributed to his listeners.

President Henry T. Heald of Illinois Institute of Technology, presented as the next speaker, told of the improvements which have taken place in the educational

(continued on page seven)

More pictures of the Illinois Tech TECHNOLOGY CENTER development made public yesterday may be found on pages seven and eight of this issue.

RESEARCH BUILDING COMPLETED



Started in October, 1940, this building is now the scene of throbbing experimental Diesels and feverish activity. Designed by far-seeing architect Alschuler to harmonize with buildings yet to be constructed, this structure, after further additions have been completed, will offer complete mechanical engineering laboratory facilities.

TECHNOLOGY NEWS

Student Publication of the
ILLINOIS INSTITUTE OF TECHNOLOGY
3300 Federal St.
CHICAGO, ILLINOIS
Published Weekly During the College Year
By the Students of I. I. T.

REPRESENTED FOR NATIONAL ADVERTISING BY
National Advertising Service, Inc.
College Publishers Representative
420 MADISON AVE. NEW YORK, N. Y.
CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

"Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879."

\$2.00 Per Year Single Copies, 10 Cents Each

MANAGING BOARD

EDITOR-IN-CHIEF.....PETER H. WOODS
MANAGING EDITOR.....JOSEPH ABERER
ASSOCIATE MANAGING EDITOR.....LILLIAN SNOGRASS
SPORTS EDITOR.....FRED DEMONEY
BUSINESS MANAGER.....WILLIAM SPETH
FACULTY ADVISOR.....WALTER HENDRICKS

EDITORIAL DEPARTMENT

SATURDAY EDITORS.....JOHN KUCERA (NEWS)
JAMES WAHER (HEADLINES) ARTHUR HAUSWALD, WARREN SPITZ (SPORTS)

Assignment Editors.....Dan Brown, Tom Brown
Copy Editors.....Robert Mead, Ruth Sprague
Rewrite Editors.....Paul Beckman, Miriam Walker
Feature Editors.....Art Minwegen, Pat Arns
Photography Editor.....Edward Center
Assistant Editors.....Charles Ball, Alda Katriis, Steve Mendak (News), Charles McAleer (Copy), Paul Leopold, George Mahn, James Murray (Rewrite).

Staff Cartoonists.....John A. Connor, Ed Farrell
Columnists.....Charles Ball, Tom Brown, Leslie Carpenter, Matt Czembronowicz, Bob Salgh, Jane Goelet, Edward Hanuska, Alda Katriis, Herman Krantz, Bertram Milleville, James Murray, Robert O'Brien, M.H. Pleva, Ed. Panek, Hugh Story, Bob Sundstrom, Violet Tuklich.

Photographers.....Bob Anderson, George Raymond, Rob La Nier, Paul Leopold, Joe Hind, Herb Hansen.

Reporters.....Ernest Colant, Ed Doran, Vladimir Filko, Mary Flaher, John Knapp, Bill Laube, Jeannette MacLuckie, Joe Muga, Ed Panek, Earl Sherman, Hugh Story, Chester Swan, Herman Tichan, Gordon Walter, Julian M. Bowers, George Dohand, Walter Eichenburger, Al Falkman, Ed Farrell, Richard Gutzow, Joe Hine, Frank Hull, Norman Hyams, Alvin Kamp, Paul Koehale, Gloria Krasnow, Robert Mahascek, Steve Mendak, Frank Nilles, Art Olson, Charles Prizer, George Reinke, Eileen Robinson.

BUSINESS DEPARTMENT

Advertising Manager.....Robert Meyer
Circulation Managers.....Melvin Johnson, Charles Reinhardt
Circulation Assistants.....Bud Carlson, Sylvia Weislo, Helen Marzullo, Charles Peller, Walter Soderstrom, Bob Pank, S. Johnson,
Business Assistants.....William Anthony, Carl Sparenburg, John Perkins Jr., Charles Peller.

VOL. XXVI—NO. 12

JANUARY 14, 1941

Announce C.A.A. Course —

On or about February first the spring C.A.A. course will start at the Lewis division as announced by Professor Paul G. Andres, of the electrical engineering department and coordinator of the program at the west side campus. A limited number of vacancies are yet to be filled, and applications are now available in room 343 at Lewis from one to three o'clock daily.

Ground school requirements will be fulfilled under the instruction of the same professors who have taught them in the past—24 hours of navigation and 24 hours of aircraft operation under E. C. Shuman and 24 hours of meteorology under Dr. M. Alden Countryman. Technical features of aircraft are handled by both L. T. Anderson and Mr. Andres. Ground school classes will meet two evenings a week, and flight training will be under the supervision of Mr. Henry Douglas and Mr. Harold Harbican at Elmhurst Airport.

Junior Formal —

The destination of all high-spirited students of Illinois Tech on Friday evening, Feb. 28, will be the Chicago Towers Club to attend the Institute's most exclusive affair of the year—the Junior Formal. Ray Herbeck and his outstanding orchestra have been tentatively engaged for the evening, and an excellent swing quartette has been contacted to fill in the lulls created by intermissions.

As at all Junior Formals in the past, the food served will be of the highest quality, and attending couples will be given a choice of two menus—either meat or fish.

Priced at \$5.50, the engraved bids will go on sale this Friday and will be available on an "easy payment" plan. Small payments will be taken on the bids at a table set up on the Student Union lobby each Monday and Friday morning. For the convenience of those unable to procure formal clothes for the evening, arrangements are now being made by members of the Junior Social Committee for the renting of tuxedos or tails at the school.

Prof. Yellot Reports 1000 Men Selected For Defense Classes

Yesterday marked the completion of one week's study for the one thousand metropolitan Chicagoans enrolled in the special defense classes now being taught at IIT. These classes in special engineering subjects are being sponsored by the government, are tuition-free and consist of short-term, highly-specialized courses for men who have had basic specialized training. According to advices from Washington the program at this school is the largest carried on by any engineering school in the United States.

Over 5,000 Apply for Courses

Professor J. I. Yellot, director of the mechanical engineering curriculum, reports that the 1,000 men who qualified for the courses were selected from over 5,000 applicants. These men came to the Institute from all over Chicago and its suburbs for the necessary personal interview prior to being enrolled in the course. A total of forty-five separate sections for the sixteen courses originally planned have been established to meet the needs of the demands. Professor Yellot re-emphasizes that, "... these courses are strictly upon a college level and not of the vocational or trade school type. They do not in any way interfere with the regular college-credit evening sessions work currently offered by the Institute for persons studying for a degree."

Administrators of the courses remarked that the spirit with which the applicants came to the Institute was very encouraging. Out of the entire group of 5,000 only three or four stated their only desire to take the courses listed was because the tuition was free.

Design Courses Most Popular

Most popular of the courses and in greatest demand by industry and by interested persons has been for the design of tools, fixtures and dies. Eight sections of this course have been established, all of which are being given on the south side campus, where drafting space has been made available on Wednesday evenings and Saturday afternoons.

Another of the popular courses has been that of management, including foremanship. Eighteen sections have been established in this field, nine of which are in foremanship. "It is interesting to note in this connection," says Prof. Yellot, "that requests for foremanship courses have come from foremans' clubs. These requests have and will be

(continued in next column)

Stanley, Inventor Of Power Distributor, In Armour Movie

Besides being haunted, the sound movie shown A.I.E.E. last Friday, January 10, had its title at the end instead of the usual beginning. The young current-controllers and their guests came to the meeting with the idea that a transformer was a prosaic object. Intermingled with the ectoplasm was an exposition of the private life of the G.E. power distribution transformer that gave all those present a concept of the working of these devices.

As the inventor of the first A.C. power distributing system in 1886, William Stanley undoubtedly has the right to appear in a movie on transformers, even if only in spirit. Besides the transparent Mr. Stanley, there were several members of the transformer production department of G.E.

After the first attempts in Massachusetts, Stanley built a plant in 1891 to manufacture his transformers. He then merged his interests with the then-tiny General Electric Company.

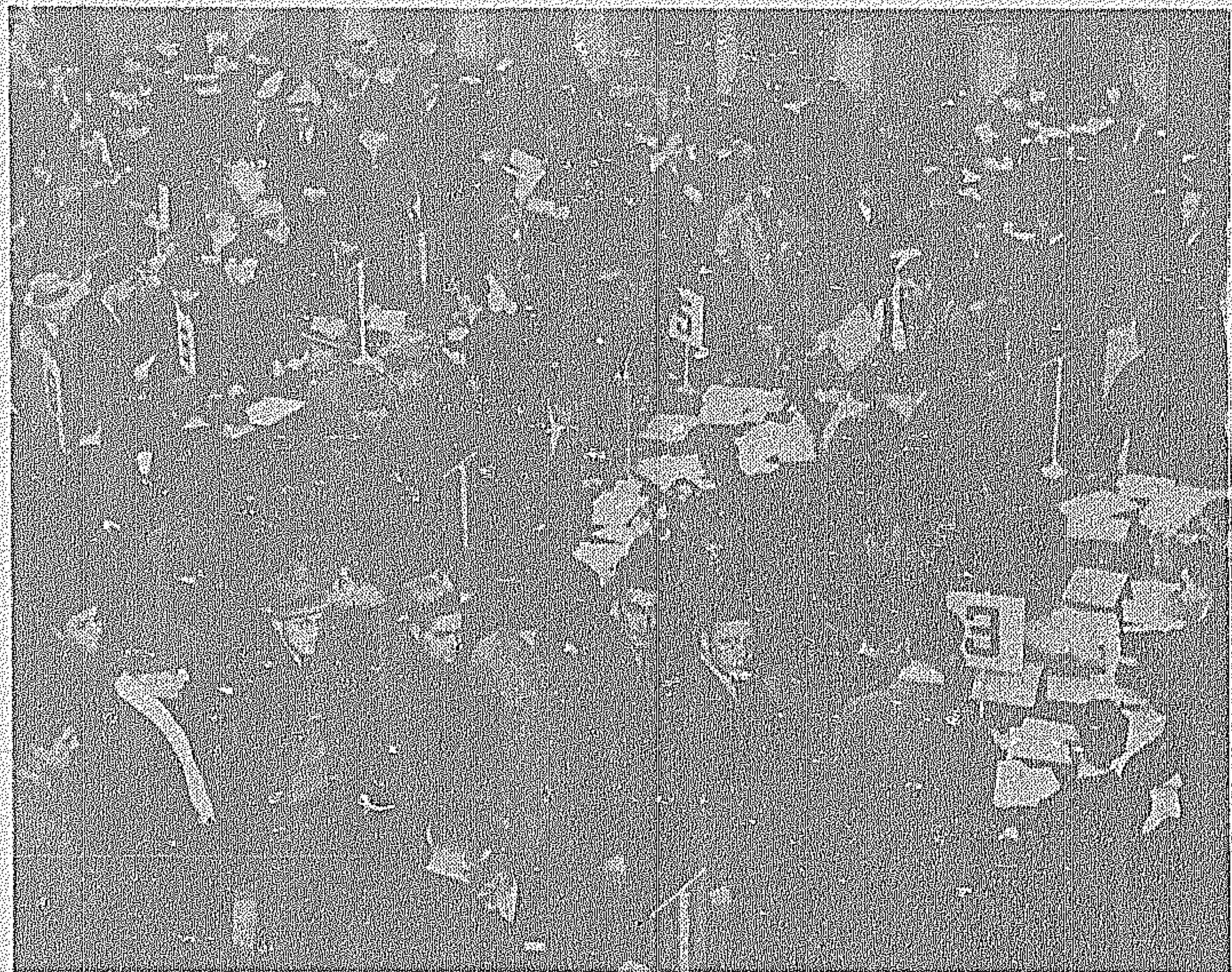
As modestly as possible, the G.E. engineers showed how they increased the efficiency of the modern transformer four times over its wasteful predecessor. Those present were conducted on a tour of the research laboratories at Schenectady, where special alloys are developed to increase even further the utility and efficiency of the transformers. It was shown where testing is carried on, as well as strict supervision, from the steel mills to the finished transformer.

Lightning surges presented a problem that was solved with the picturesque 10,000,000 volt lightning machine. The sight of these mighty surges was impressive. The elimination of moisture from the windings was another weighty problem that was "licked" by the General Electric engineers.

After a rather lengthy peek at the tailoring of the transformer's working clothes, the by-now-fascinated E.E.'s got the title of the movie—*There is a Difference*—as a climax.

Acting as sort of a newsreel, Benjamin Cole, E.I.E.E. president, reminded the juicers of the pending IIT-Lewis paper competition between the electrical engineering departments. Because of the keen spirit of competition between these two branches, some noteworthy results are expected.

DEFENSE ENROLLEES



Handled in cooperation with the Chicago Branch of the National Metal Trades Association of which Howard Goodman, vice-president of Goodman Manufacturing Company, is president."

To Meet Shortage

It has also been learned that additional classes for about two hundred persons are already being planned and will start on or

February 1. These courses, together with the ones now in progress, have been instituted by the United States government to meet an anticipated shortage of engineers and skilled technical men. This has been highly commended by industry and it is felt that they will become important cogs in the nation's vast defensive machinery.

Little things help
to keep telephone
rates low



Developing better apparatus of many kinds at lower cost is a continuous process in the Bell System. It plays a major part in making your telephone service the finest and cheapest in the world. Here is one of many cases in point:

Above you see two telephone loading coils—one old, one new. Such coils are spaced at regular intervals along telephone circuits. They reduce electrical losses... help to bring your voice through clearly, strongly over long distances.

Through the years, engineers at Bell Telephone Laboratories have succeeded in making these coils smaller and smaller. In so doing, they have greatly reduced the cost per coil, which... multiplied by the millions in use... has helped to keep the cost of out-of-town service low.

Why not telephone home at least once a week? Long Distance rates to most points are lowest any night after 7 P. M. and all day Sunday.



Soph Informal Features Famed Musical Group

Swinging and swaying to the danceable music of Pee Wee Johnson will be the feature of the evening's entertainment at the Sophomore Snow Ball. This informal dance will be held at the Empire Ballroom of the Belmont Hotel on that date you had reserved—January 24.

From nine to one o'clock there will be four hours of dancing pleasure. Refreshments for that pause between dances will be available adjoining the dance floor.

Specialty Solo

Pee Wee Johnson's musical nine has been featured at the Campus Club, and is well known, as he specializes in providing smooth dancing music for collegiate dances. Pee Wee's specialty solo on the drums would make even Mickey Rooney green with envy.

The bids—distinctive scarlet and gray snowballs—are available through members of the sophomore class at either campus at the bargain price of \$1.50. The bids are also obtainable at the information office and the book store at Armour. "Big John" Peterson at Armour and Eileen Robinson at Lewis are in charge of the sales.

Evening of Fun

Last year the class of '43 had its informal at the Grand Ballroom of the Knickerbocker Hotel. It is needless to say, that all who attended the dance had an evening of long remembered fun. This year's dance promises to be an even greater success, and the sophomore class cordially invites all to attend the Snow Ball.

Col. Armstrong To Speak Wed. About Defense

"National Defense and its Progress" will be the subject of a talk to be given Wednesday, January 15, at 11:00 A.M. by Colonel Donald Armstrong of the U. S. Ordnance Department. The speaker is to be presented at a W.S.E. general assembly, and because of his prominence and the importance of his subject at this time, classes will be excused so that all students may attend.

Brilliant Army Record

Colonel Armstrong's record in the U. S. Army has been extremely brilliant and is one which younger army men look upon as a shining example. His army career started in 1910 when he was commissioned 2nd Lieutenant in the Coast Artillery Corps. With the outbreak of the world war he went to France to take several important positions in both the American and French Armies.

Made Colonel in 1939

At the end of the war, he was appointed Assistant Military Attache at the American Embassy in Paris, after which he was transferred to the Ordnance Department in Watertown Arsenal for two years after his return from Europe. After graduating from the Army Industrial College, he was placed in the office of Assistant Secretary of War. He then was made instructor at the Army Industrial College, after which he was made a member of the Field Artillery Board. Since then, he has been Executive Officer of the Chicago Ordnance District. He was promoted to the grade of colonel on Oct. 1, 1939.

Colonel Armstrong's talk on national defense will center chiefly about the supplying of guns and munitions to the army.

DRESS REHEARSAL



Harry Burnett, director of the Yale Puppeteers, collects a portion of his cast of celebrities for the coming show.

Chemistry Students Organize New Club At Seminar, Thurs.

Chemistry students on the Lewis campus organized a "Lewis Chemical Society" at a meeting of the Seminar last Thursday. This new organization is an outgrowth of the chemistry seminars that have been held regularly for the last two years.

Promotion of interest in chemistry was declared to be the chief aim of the organization. A number of innovations in the organization and policy of the group were recommended. Among these was a suggestion that members who were "old hands" in the chemistry department should act as "big brothers" to the bewildered beginners. The founding of an alumni association, a student chemistry library, and the publication of a periodical were among the tasks which the group expects to undertake.

Constitution Discussed

Suggestions for the constitution of the organization were discussed. A committee composed of the officers, John Ferraro, Lowell Stevenson and Florence Moss, was delegated to make a draft of the constitution. This draft will be presented to the group at the next meeting, which will be held on January 23 at 4 o'clock. In addition to the business meeting, the group has arranged a lecture by Dr. Schultz on the Chemical Application of Spectroscopy.

4 English Profs Present Papers

Illinois Tech's department of language and literature enjoyed the distinction of sending the most active delegation to the Modern Language Association of America meeting, Dec. 26 to 28, in Boston, Mass. Attending were Professors W. Hendricks, S. I. Hayakawa, Grant McColley, and Sanford Meech.

Profs. Present Papers

Continuing his work in the special field of semantics, Dr. Hayakawa presented a paper on "New Fields of Research in General Semantics". Professor Meech read a paper on "Imagery and the Association of Ideas in the Title Filostrato and the Troilus". He

(continued on page five)

Winston Forges Ahead On Plans For MW Conf.

The Midwest Power Conference 1941 meeting will be held on Wednesday and Thursday, April 9-10, at the Palmer House, Chicago. This is the fourth year that the Illinois Institute of Technology, with the cooperation of seven other midwestern universities and colleges, and several engineering societies have sponsored the conference. The conference director is Stanton E. Winston, Associate Professor of Mechanical Engineering here at Armour College of Engineering.

Academic Sponsorship

The opportunity for all persons interested in power production, transmission, or consumption to meet together annually for the study of mutual problems has been established as the purpose of the conference. Under academic sponsorship it is felt that the conference will be free from the restrictions of required memberships in technical and social organizations, and will allow a freer possible discussion ranging from the technical through economic and into the social aspects of the subject.

Frosh Exams Taken By 100 Prep Students

At the end of each semester, Illinois Institute of Technology awards five one year scholarships in the Armour College of Engineering to qualified male graduates of accredited private or public high schools. About one hundred high school seniors who will graduate in February '41, took the examination at Armour on Saturday, January 11, from 9-11:30 A.M.

Examination and Interview

These awards are based upon a rating determined by competitive examinations and by consideration of the personality, the scholastic record in high school, the extra-curricular activities and the general fitness of the candidates. The examination consists of a personal interview and a written examination in mathematics, physics, chemistry and English.

The chairman of the scholarship committee is Professor S. E. Winston. Dr. W. M. Davis is in charge

(continued on page five)

Sphinx Brings Puppeteers To Armour, Friday At 8:15

Industry Interviews Men For Placement

Increased industrial activity in the Chicago area has resulted in a lively demand for trained men. The placement department at I. T. has reflected this demand with a spurt of activity which included one or more interviews on each day of the week following the holidays.

On Monday, Jan. 6th, Linde Air Products sent its representatives to contact the senior engineering students. On Tuesday the Standard Oil Company of Indiana interviewed several of the students, and on Wednesday, Jan. 8th, The Whiting Corporation scheduled interviews.

A forty minute movie, descriptive of the firm's activities, featured the visit of the Carnegie-Illinois Steel Co. to the school on Thursday. The film was shown in the auditorium of the Student Union, and after the showing, forty students were interviewed.

The Magnaflex Corporation and the Research Laboratories Division of the General Motors Corp. brought the week's program to a conclusion with interviews on Friday, Jan. 10. The Kimberly Clark Paper Co. of Neenah, Wisconsin, will return on Jan. 14, to further interview four seniors they had contacted previously. The company has had previous experience with Armour men and is well satisfied with the results.

These interviews, bringing together men with a high degree of training and a desire to find work

(continued on page five)

'A City Garden' Film For Lewis Assembly, Tues.

Under the sponsorship of the sociology department of Lewis, a film, "The Garden in the City" was presented at a general assembly in the Lewis auditorium on January 7. Erwin C. Paustian, instructor of sociology, was in charge of the program. The general supervisor of physical activities for the Chicago Park District, Vernon Hernlund, spoke briefly on the aims of the Park District and made a few statements regarding some of the work that is being done and the problems connected with it.

In the film Chicago was shown to be a neighborly city endeavoring to increase the enjoyment and profit derived from the leisure hours of both children and adults by providing facilities for supervised play, competitive games and a great variety of hobby clubs. Special attention was drawn to

(continued on page five)

Dancing To Follow Scenic Performance

"It's a Small World," outstanding marionette production, will be staged by the Yale Puppeteers, leading exponents of puppet performances for the first time at Illinois Institute, Friday evening of this week. In sponsoring the affair, Sphinx is bringing to Armour auditorium the most modern performance ever presented. Following will be a dance with music furnished by the Knights of Armour.

Tomorrow's Headlines

The play itself is a medley of acts equally suitable for the most blasé to the most naïve of critics. Catching the quick tempo of fast moving political scenes, the show is continually revised to events of the day. It has been aptly remarked that "tomorrow's headlines are in tonight's performance." Blending with the up-to-the-minute subject matter is the magnificence of their artistic stagings. Roguish humor is oftentimes replaced by biting satire—in turn by charming and delightful tales.

Arrive Wednesday

Members of the Yale Puppeteers will arrive in the city Wednesday or Thursday to commence preparations. The troupe, following its record breaking, 54-week engagement on Broadway went to Hollywood where another sensational run of 98 weeks was enjoyed.

Curtain time has been set at 8:15 p.m., promptly, with the dance commencing immediately after the show at 10:00 p.m. The cafeteria and lounge will be opened in their entirety for the enjoyment of those present. Tickets have been set at 50 cents each for the entire evening's entertainment, and are now on sale in the bookstore. Because of the volume reservations will be impossible.

Chem Seminar Hears Dr. D. F. Peppard Talk

Speaking before an audience of 25 at the meeting of the chemistry seminar held last Wednesday, December 6, Dr. Donald F. Peppard chose as his subject **The Relative Stability of the Complex Cobalt Ammines.**

Stabilization of the various valence states may be accomplished by the formation of complex ions. Dr. Peppard gave as examples the lower valence states of copper and chromium and the higher valence state of cobalt. Simple salts of these types are extremely unstable but they may be readily iso-

(Continued on Page Five)

Books and Supplies for Illinois Tech Students

Attention National Defense Students

Leave orders with us for your Textbooks
We allow a student discount on Books

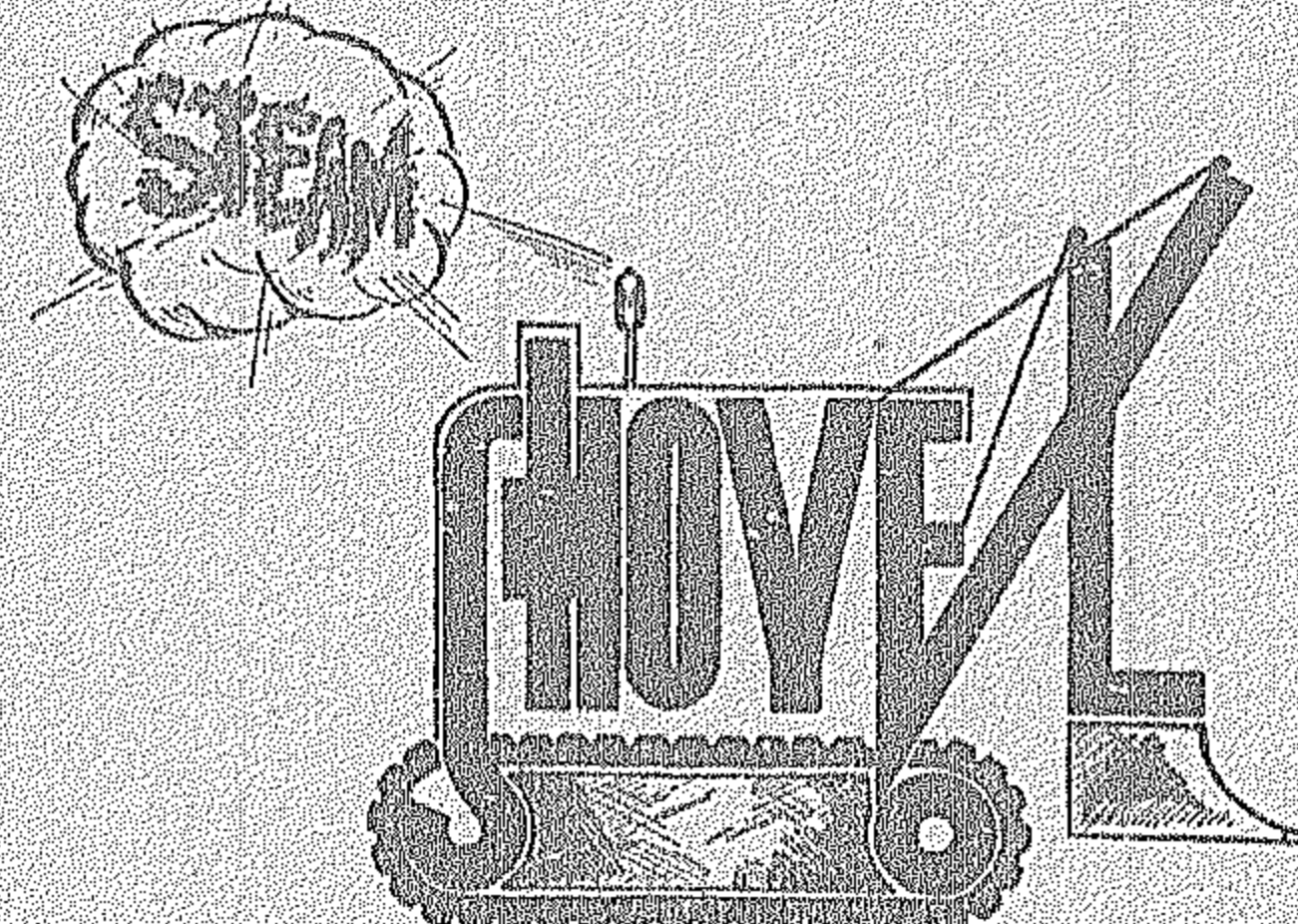
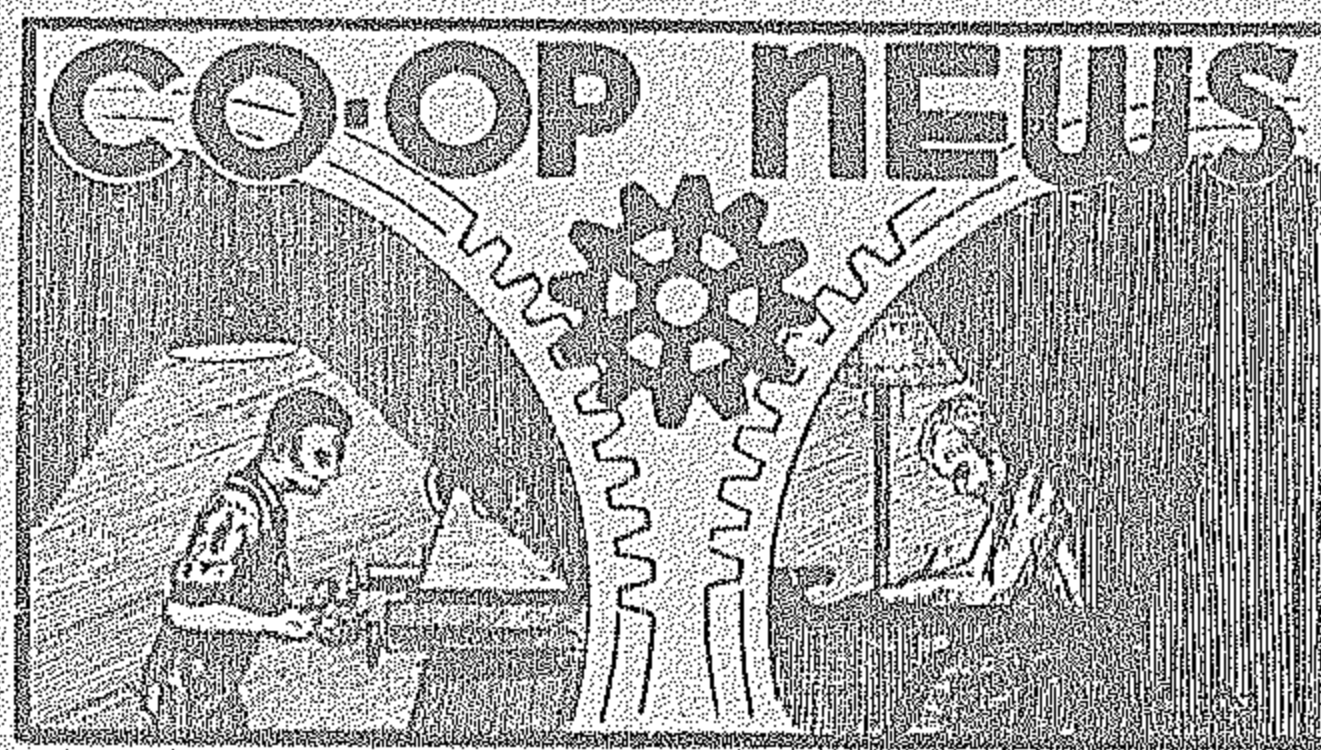
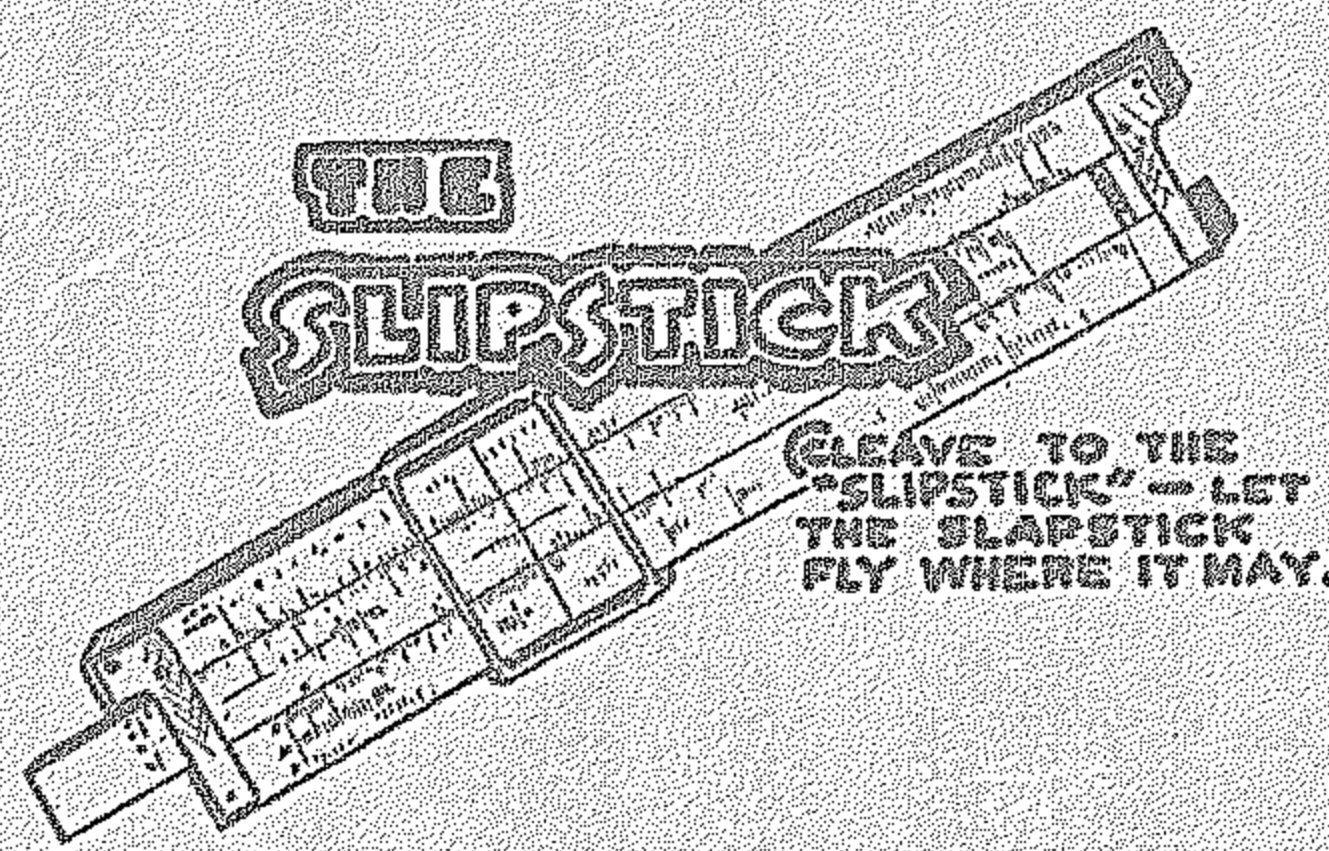
Keuffel & Esser Slide Rules
Mechanical Drawing Sets
Fountain Pens & Pencils

Looseleaf Notebooks
Leather Zipper Cases
Drawing Supplies

Our 26th Year of Serving the Students

GREENWOOD'S BOOK STORE

1953 W. Madison Street
(In The Lewis Building)
SEEley 3453 Since 1915



By Edward Hanuska

Howdy, howdy, me winsome lasses and me hearty buckos, may 41 give a loose to mirth. 'Hence loathed melancholy! Begone dull care! Be as blithsome as a sandboy, happy as a lark, playful as a kitten, brisk as a bee, merry as a cricket . . . hic.

* * * *

"The girl next door ought to pull down her shades."

"Has she no shame?"

"Worse than that! She has no shape!"

* * * *

The only difference between a cutie and an old maid is that the cutie goes out with the Johnnies and the old maid sits home with the willies.

* * * *

LISP TO THIS

A young person of Tomahawk Bluff Carried pistols to make him look tough.

When they asked, "Do you chew?"

He replied, "Yeth, I do,

I'm a vegular wetch of a wough."

* * * *

Professor: I forgot my umbrella this morning, my dear."

Wife: How did you remember that you'd forgotten it?

Prof: Well, I missed it when I raised my hand to close it after the rain had stopped.

* * * *

Anchors Aweigh

A handsome midshipman from Annapolis wandered into a tennis tourney late one afternoon. He sat down beside a demure young lady and asked, "Whose game?"

"I am," said the bashful one.

* * * *

Making love is like making pie. All you need is a little crust and a lot of apple sauce.

* * * *

The dairy maid milked the pensive goat, And pouting, paused to mutter, "I wish, you brute, you'd turn to milk." Instead he turned to butt her.

* * * *

Quizmaster: What is it that binds us together, sustains us and makes us even better than nature intended?

Bright subject: Girdles.

* * * *

"They say Johnny found a baby on his doorstep last New Year's morning."

"Yes, so I heard. Is he going to give it a home?"

"Sure, as soon as she sobers up."

* * * *

A miss is as good as a mile, but a man can have lots more fun with a miss than a mile.

* * * *

Most Inappropriate

"What color bathing suit was she wearing?"

"I couldn't tell. She had her back turned."

* * * *

Here's a "Recipe for a Modern Incident" Take one ignorant, spineless, natural-born fool.

Fill with quart of spirits.

Place in high-powered motor car set at full speed.

Let stay for short time.

Remove remains from ruins, place in rectangular box.

Garnish with flowers.

* * * *

"I hear that your girl is so intellectual she spends all her time reading the classics."

"Yes, but what can I do about it?"

"You can squeeze the Dickens out of her."

* * * *

*Blessings on thee little dame,
Bare back girl with knees the same,
With thy turned down silken hose
And thy short transparent clothes,
From my heart I give thee joy
Glad that I was born a boy.*

OH MIN!

By Bob Saigh

The best swing disc to be released in a long time is Glenn Miller's "Anvil Chorus." Glenn has recorded the number on both sides of a ten-inch record, making six minutes of driving, solid swing. A fast and furious pace is set and the orchestration and solos are tremendous. (Bluebird, B-10982) . . . Be sure to listen to Artie Shaw's takeoff on "When The Swallows Come Back to Capistrano." It's an original titled "When the Quail Come Back to San Quentin." . . . Jimmy Dorsey and his orchestra waxed "I Hear A Rhapsody" and "The Mem'ry of a Rose" for the best Decca release of the week. Bob Eberly sings both sides and as usual does an excellent job with an exceptionally smooth accompaniment by the orchestra. (Decca, 3570) . . . The top Columbia Jazz Masterwork of recent date is Benny Goodman's "Nobody" and "Henderson Stomp." This is the typical Goodman swing record and is really good . . . Joan Merrill an attractive young vocalist now appearing at the Hurricane Club in New York City has just been signed to wax for Bluebird. Her first record which is soon to be released couples "How Did He Look?" with "Miss Johnson Phoned Again Today." (Bluebird, B-10986) . . . A must for all Gene Krupa fans is his latest disc consisting of "High On a Windy Hill" and "It All Comes Back To Me Now."—two new hits which seem to be headed for the top done up in the smooth swing style of the drummer man.

Andre Kostelanetz presents eight ever-popular classics from Broadway's most famous musical comedies. Under the Kostelanetz magical baton, new spirit is brought to such familiar hits as "Begin the Beguine," "Smoke Gets In Your Eyes" and "Tea For Two." The set, recorded by Columbia, consists of four 12-inch records, comes in an attractive album and is priced at \$3.50. (Columbia, Set M-430).

Arx News

We could wish you a Happy New Year, but why? The exams are almost here, work is piling up and we're still listening to the same Xmas stories. . . . Hilberseimer Day still rates as the best . . . Moe as Santa Claus . . . All that food . . . Mr. Hilberseimer's treat . . . Great day Dec. 21 . . . One of the New Year's resolutions was no more Harmony for the seniors, except Lenart and Pehta; they'll both soon be in the army so what does it matter . . . Seen at the Mundelein Xmas dance Tom Galavan . . . Center, Michaelson, and Przy at the Ballet . . . Pointek and Steinweg at Blume's New Year's party . . . Please forgive us Goodman, we didn't understand that you have spent so many years in an art school . . . Reinke planning to go to a dance in Wis. Saturday . . . We hear Lud is going steady; it's the real thing, boys . . . It's a wonder Shank wouldn't have enough discretion to leave those weight lifters alone; the model, youse guys!

Pipher must have done something terrible on that Flossmoor Flier to hear the way Farrell shuts him up . . . A kiss thief we hear . . . Who picked out Hasskarl and Stowell's new coats, Wow! You ain't lying, they're hot . . . What's this about H—C—being engaged on Friday nights or is it just engaged? . . . We hear Michaelson's gal got a new tooth; is she that young or did she date some one else who also gets in accidents . . . The sticker contest closes this afternoon, good for Dickel . . . Flash! We have it on best info that the Ray Dodges might soon be a threesome . . . What makes Woehrl think he is the only sane one in the Junior class . . . See you next week.

SPECS.

FLASH! The senior B group Co-ops will have their final get-together while in school at a closed dinner-dance at the Marine Dining Room of the Edgewater Beach Hotel on Thursday, January 30.

FLASH! There has been some talk by the class presidents of a term end affair for all of the Co-ops, but as yet no definite word has been forthcoming.

FLASH! Ken Shearer, 3B, basketball M.C., announced last week that the Co-op basketball tournament is well under way with three games played: Frosh 16, Sophs, 14; Sophs 37, Seniors 18; Juniors 23, Pre-juniors 20.

FLASH! The B group senior committees have been chosen: Andy Anderson, chairman of the ring and invitations committee, Bert Nelson, John Sweitzer, and John Hill in charge of commencement.

FLASH! In a weak moment at the recent 4B-4A get together, Victor Milewski, 4B, revealed a long guarded secret: Yessir, Vic has been married over four years now, and hence becomes the first of the fourth year class to leave the "single" ranks.

Blitzkrieg!

Hello again!

Your correspondents, aided and abetted by a score or more of informers, have endeavored to interest you in the past by spilling choice dirt, and we have resolved to improve and expand this service (?) in the coming year. Just like the Wake, this column depends upon its friends, so let's make this a bigger and more gossipy year.

At 12:01 A.M. New Year's day the resolutions began to fall (Not ours, however). This might be news to Mike Cogan, but he surely had a good time at Falkman's Fiesta. (His playmate, John Aikens can be called a "High-Stepper" both literally and figuratively. What's the matter, fella, trouble with your bi-focals? The Lewis-Armour wrestling teams were well represented. Wonder where they learned the new holds? Rae Berry also blew in accompanied by a U.S. Cruiser and the newest thing in Hawaiian leis.

Bowling seems to have taken the place by storm with Reinhardt and Meyer holding down the high scores. "Strike" Powell is the dark horse who is promising the boys lots of competition, while the famous "Barnes Crouch Approach" never fails to bring comments. The comedy relief is supplied by the ladies' team which includes "Butch" Flasher, the pin boys' best friend, and "Low Score" Goelet, who must feed the ball loco-weed from the way it roves around the alley.

We would like to take our hats off to the sophomore class for their excellent work on their dance. Not satisfied with turning out the most unique bids we have seen around here in a long time, they have also dug up a good band and a convenient location. I expect to meet everybody and his relatives there, so Im going early and stake out my claims for dancing space. Three cheers are due for these energetic kids.

The outstanding faux-pas of the season was pulled by Harriet Kott the other day. After Dr. Walker had gone to the trouble of explaining the contents of his new book to the class, she came up with the cute query, "And who did you say wrote this book?" Take it from me, babe, that ain't the way A's are made!

Well, kiddies, that's all for this week. See you next week, and in the mean time, remember that old Chinese proverb, it isn't what you do, but what you get caught doing that counts.

See you at the Puppet Show!
THE FIFTH COLUMNIST

Well here we are once more after two weeks of Wor . . . loafing—still 13 lab reports behind, and lacking a few hundred assorted problems! (J-E-L-L-O!) engineering—bah!! nuttin' but logs, stresses, derivatives, cosines, and coives! Wooh-Wooh!!

* * * *

There have been bowling parties and then there have been bowling parties but those Jr. Civils really hit the jackpot when they had one during the Xmas holidays! They started at the "RI", then bowled or shall we say drank, went caroling through the Sherman Hotel and ended up by showing a bunch of Texas gals the town (North Clark Street). Some of the boys had a little difficulty navigating after this rather hectic night!!

* * * *

Warning!! be on the lookout for madman armed with camera taking pictures of everything he sees—or thinks he sees. Description: Jr. Mech, basketball varsity, and initials are Emil "EEMie" Galandak. It is rumoured that said lethal weapon was obtained from a certain young lady as a Christmas gift!! (initials—Martha). That is all.

BELMONT HOTEL

* * * *

A notice is being mailed, (by the shovel,) to all grammar schools in the Chicago vicinity, concerning the activities of Ed "Get em young" Michalek. Mike has been making good use of the local elementary schools as field for his dates. Perhaps this is because the other Armour "wolves" (such as Bo Cooper) have made competition too lively in the high school field—or do you just like 'em young, Mike?

ED. NOTE:—A reward of two Grunchy Wunchy box tops and a Junior "G" Man Badge will be given to the person who will aid the authorities in the apprehension of this person. This menace to Girls of the pre-teen age must be stopped!

* * * *

On the fateful night of Jan. 4, Red Mueller had gone to the theater with his folks and Shirley. At 12 that evening he dropped off his folks and took Shirley home. Red, on his arrival at 4:30 was confronted by her rather irate father who extemporaneously delivered a talk on decent hours.

* * * *

Knowing that the steam shovel is the best column in the paper; it would be rather a waste of time to resolve to improve on perfection. Therefore, the resolution of the year shall be to improve the features, namely the Blitzkrieg. IT (the 5th Columnist) has gone on long enough in the lower dregs of illiteracy and our aim is to raise IT'S column to at least the rating of a stambdily written high school column.

ED. NOTE: Stambdily pertains to a mild type of mental disorder.

SNOWBALL DANCE

* * * *

THE QUESTION OF THE WEEK: where was Mr. John (Lil Snodgrass) Butkus on New Year's eve?? (Ed Note to both: we know, don't we?)

* * * *

(HOROSCOPE FOR THE MONTH): All of you that were born in January have been born under the sign of the whirling axe. This means that during the month of January you are very likely to "get the axe." Finals come in January. Therefore, happy landings! Q.E.D.

* * * *

Leaving the portals of Oak Park for a 6 day trip on Dec. 31, 1941 Buzz "There I Go" Guy headed for parts unknown (he says Washington). Being on the road four hours, the thought struck him that perhaps his absence would be noted, so he wired home and sent a peace offering of a dozen roses to his date for New Year's Eve.

* * * *

And now we once more find ourselves at the bottom of the page, so we'll close with our thought for the day. Now that Leap Year is gone you'se guys better start going out on "dutch" dates again!

SOOPER-SNOOPERS.

LITERATURE—

(continued from page three)
was also a member of the bibliography and editing committee of the Middle English Literature section.

McColley is Chairman

Dr. McColley served as chairman of the advisory committee on the Seventeenth Century and also as secretary of the general section Relation of Literature and Science. Of this latter section he was elected chairman for the year 1941. On Wednesday, January 8, Dr. McColley talked at Hyde Park High School in Chicago on Milton.

Dr. Peppard—

(continued from page three)
lated in the form of complex salts.

Formerly of Lewis

Dr. Peppard received his bachelor of Science degree at the University of Illinois in 1936 and continued his studies at that institution. He received his doctorate in 1939, and the same year became a member of the faculty of Lewis Institute. This semester, Dr. Peppard is at Armour, while Dr. Schultz of Armour is temporarily a member of the Lewis faculty.

It was announced at the meeting that members of the graduate school of chemistry who are planning to complete their work by the end of the summer should see Dr. Freud. Dr. Freud has received calls for such men, and will arrange interviews for them.

'Garden In A City'—

(continued from page three)
the courtesy, as well as the number of park policemen who work to reduce traffic problems.

A plea was made to those who use the park to do their share to keep them looking neat and beautiful so that they may truly be the "Garden in the City."

Placement—

(continued from page three)
in positions which will make the most of their talents and the Industrial firms which need these men, serve a very useful purpose. Without such contacts, engineering graduates would find it difficult to locate desirable positions, and the companies would have similar trouble in filling important positions.

Need Trained Men

In the defense and heavy goods industries in particular, the present demand for increased production has created an acute shortage of trained men, and many Chicagoand concerns are looking to I. T. to alleviate this problem.

Mrs. Constance Carroll, assistant to placement director, requests that all students desiring to see her to come to her office between 10 and 11:30 A.M., or 3 to 4:30 P.M. All students who received jobs during the Christmas holidays through the placement dept. and have not reported to Mrs. Carroll are urgently requested to do so, in order that the records may be kept up to date.

Though the announcement of G. E. selections of Armour men has been made previously, the correct names had not been given. The E.E. men selected were J. D. Brown, B. Cole, L. Holmboe and L. Naum; from the M.E. department, C. M. Anderson, D. Crego, W. Hahn, and W. A. Johnson.

Scholarship Examination—

(continued from page three)
of the examinations.

After the examinations the students were the guests of IIT at a special luncheon in the Student Union. Vice-president Grinter welcomed the students and Dean Tibbals spoke briefly about school activities on the Armour campus.

The next scholarship examination will be given May 31, 1941, when nearly three hundred high school graduates are expected to take advantage of this opportunity.

FRIDAY EVENING

'It's A Small World'

featuring
YALE PUPPETEERS
followed by
DANCE
music by
—"KNIGHTS OF ARMOUR"—

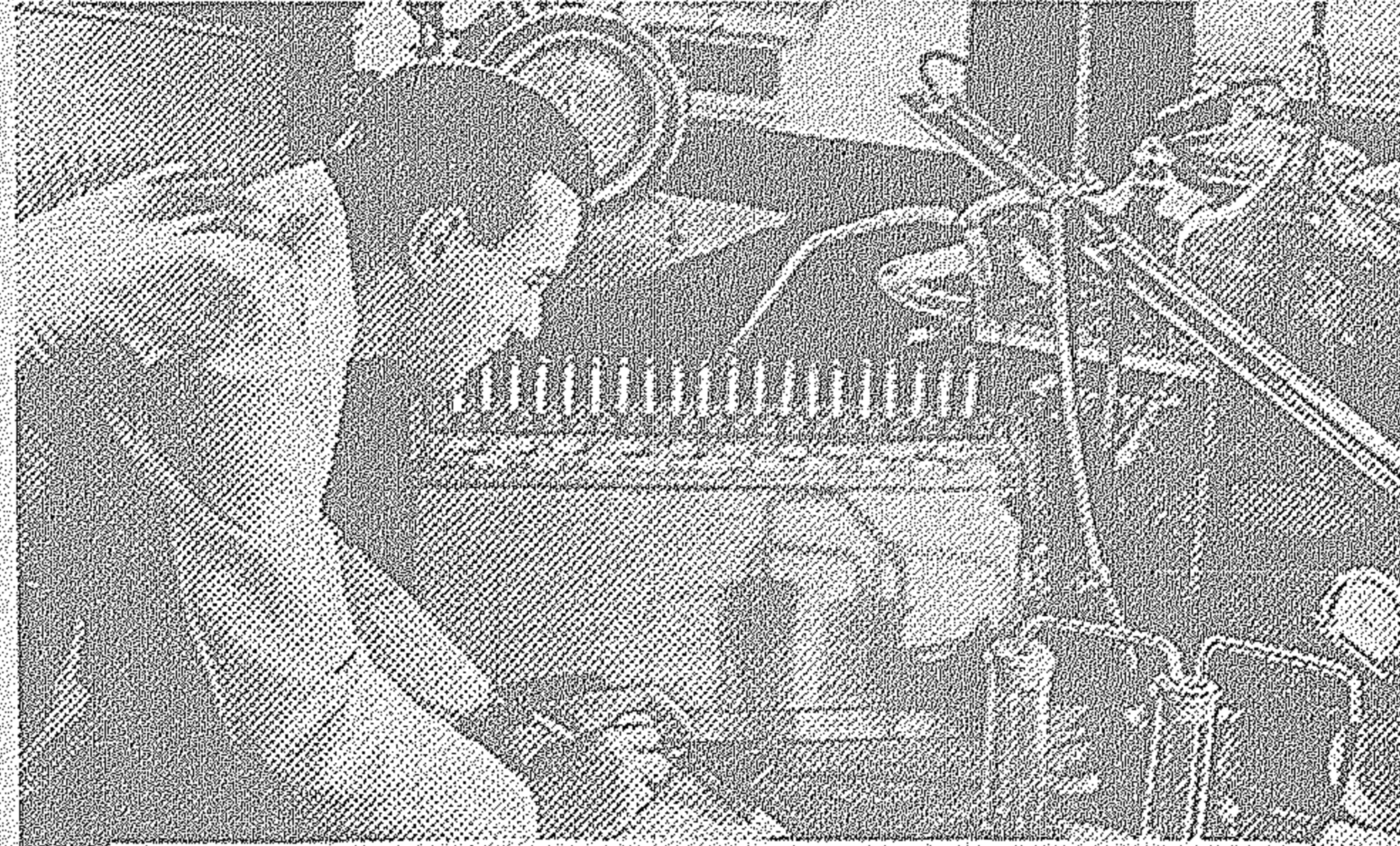
•
CHARMING
•
SOPHISTICATED
•
SATIRICAL

Tickets now on sale in the Book Store

Curtain 8:15 p.m. Price 50 cents

IN A CIGARETTE **THE SMOKE'S THE THING!**

THE SMOKE OF SLOWER-BURNING CAMELS GIVES YOU
EXTRA MILDNESS, EXTRA COOLNESS, EXTRA FLAVOR



"SMOKING OUT" THE FACTS about nicotine. Experts, chemists analyze the smoke of 5 of the largest-selling brands ... find that the smoke of slower-burning Camels contains 28% less nicotine than the average of the other brands tested—less than *any* of them!

AND—
28% LESS NICOTINE

than the average of the 4 other largest-selling brands tested—less than any of them—according to independent laboratory tests of the smoke itself

By burning 25% slower
than the average of the 4 other largest-selling brands tested—slower than any of them—Camels also give you a smoking *plus* equal, on the average, to
5 EXTRA SMOKES PER PACK!

YES, the smoke's the thing! After all, you don't get *anything* from a cigarette until you've lighted it... until it's *burning*. And there is the secret of an advantage Camel smokers have enjoyed for years. For Camel's costlier tobaccos are *slower-burning*.
Slower-burning for more coolness and *mildness*—for Camels are free from the excess heat and irritating qualities of too-fast burning. Slower-burning for more flavor because slow burning preserves tobacco flavor and fragrance.
Now Science confirms still another advantage—*less nicotine* in the *smoke*—less than *any* of the four other largest-selling brands tested... 28% less than the average!
Make Camels your steady smoke and enjoy all the advantages that only Camel's slower burning... costlier tobaccos can give—even economy (see left).

R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina

CAMEL — THE SLOWER-BURNING CIGARETTE —

CAGERS LOSE TO FORESTERS 50-41 AS BYRNE STARS

Last Thursday, Lake Forest College's basketeers defeated Illinois Tech 50-41, thus marking the Techawks' sixth defeat in seven starts, and their second at the hands of the Foresters.

Lake Forest got off to a 7 point lead in the first half, but the Techmen rallied to make four buckets in a row and take the lead 8-7 for the first and only time during the game.

"Pretty Boy" Harrison, the Jaybirds' star forward was unstoppable as he made every shot in the book for a total of twenty-one points. Harrison employed both left and right hand hook shots as well as pivots, and long pot shots. His twenty-one points included eight field goals, and five charity tosses. Bell, the Jaybirds' lanky center also gave a good account of himself as he made sixteen points to help sink the Techmen.

Jack Byrne, the sophomore sensation, again led the Techmen in scoring as he made eleven points. Schmidt, a senior co-op, and John Brierly, a senior chemical played inspiring defensive ball besides making six and seven points respectively.

Tech Leads, 8-7

In the first half, Harrison stole the ball twice from the Tech guards, and scored each time. He then proceeded to make a free throw and another field goal to put Lake Forest ahead 7-0.

Baskets by Byrne, Carey, Sliwa, and Brierly put the Techmen ahead 8-7. Harrison and Bell then put on a scoring spurt which almost overwhelmed the Techawks. However, the Gray and Scarlet kept their heads above for a short time by showing some real fight, and kept the score within reasonable limits. At the half the score was Lake Forest 25, Illinois Tech 15.

Free Throws Miss Again

In the second half, the Techmen put on a real exhibition of basketball team work as they matched Lake Forest basket for basket. However, this was not enough; although they maintained the Jaybirds' pace they could not overcome the eight point lead.

The victors made good on fourteen out of nineteen charity shots while the Techawks made only 5 to 11.

Mike Carey was ejected from the game in the second half due to the fact that he had 4 fouls called on him. The free throws provided the margin of victory for the Jaybirds.

Colonels Here Today

Illinois Tech's fighting basketball team will play two games in the next eight days against rivals of long standing. Today the Techawks meet the Chicago Teachers team and next Monday the lads will battle with Elmhurst. The squad has done fairly well this year and can be looked upon to do a good job against the respective opponents.

The Techawks opened the season against the Teachers. In this battle the Meyermen came out on the short end of a 34-20 score.

Last year against Elmhurst the quintet fared about the same, winning one and dropping one. In the first of the season's games with Elmhurst Tech was nosed out 28-26. However, they bounced back the next time they met Elmhurst and licked them 53-49.

There will be a meeting of all candidates for the baseball team today at 5 o'clock in U2W, Armour campus.

SENIOR MECHS WIN IN "DUST BOWL" TILT



Bill Krause lugs the ball for the Mechcs in one of the many devastating power plays the champions pulled in their 25-12 triumph over the Senior Civils. At the right is Frank Pfeffer, shown laying a block on Art Hauswald, while Ed Knorring, chief engineer of the Mech powerhouse, gets set to knock off another Civil. Bill Bauch, Civil, is shown at the extreme left. To the right of Krause are Mechcs Ozimek and Russanowski. The gridman with the bandana is Bob Olsen, speedy Civil. Bob Anderson, Staff Photographer

TECH SHORTS

By Fred DeMoney

"What will the development plan of Technology Center mean to the athlete," is a proper question for all participants in Tech's organized athletics to ask. We will attempt to answer it here.

Several statements regarding this question can be made with reasonable assuredness. First, there will be no great change in the athletic policy of the Institute. This means that eleven-man football will not be inaugurated as a recognized sport of Illinois Tech next fall; and that all sports will continue in the same vein as they have been in the past few years.

It is expected, of course, that the addition of a field house to the campus will magnify beyond imagination the present athletic activity of the average student. No longer will the courage and determination of the would-be athlete be withered by the advent of a long and tedious journey to the University of Chicago. Instead, these prime character necessities will be reduced to a minimum by the close proximity of the future field house.

For the ordinary student, one who has no great athletic talents in any particular sport but has an interest in all, the field house will prove to be a great boon. Swimming, gymnastics, tennis, wrestling, boxing — those sports of the "individual" type which can be readily taken up by the student in his odd moments of the day will be available. It has long been the desire of Athletic Director John J. Schommer that every graduating student be able to swim a couple of lengths of a swimming pool. With the completion of the field house Mr. Schommer's desire, which is an extremely justifiable one, will be fulfilled.

The field house, however important, is not the only unit to be constructed with the idea of serving the athletic side of Technology students. Tennis courts and an athletic field are planned also. These, together with the field house, will widen the scope of the Institute's athletic outlook not only in providing much needed space for the athlete, but also in providing home grounds for the Gray and Scarlet. For the first time in history, the mighty Techawks will be able to boast of meeting opponents on the "home grounds".

JOHN GIVES RULE MAKERS A JOLT

Vacation time did not mean rest for Illinois Tech's renowned Director of Athletics, John Schommer. During the period from January 1-4, Mr. Schommer attended a meeting of the Football Rules Advisory Committee of the National Collegiate Athletic Association held in Clementon, New Jersey. This was the first time that the famous Big Ten Official has been honored by the Association in this capacity. His presence at the conference helped to make it the most energetic and forceful discussion of football rules that has taken place in college circles. Three new football rules of primary importance were passed by the group. The first was to allow an unlimited number of substitutions in any one quarter of a game. This will stop any repetition of a play such as occurred in the Ohio State-Purdue game in which Char-



"Uncle John"

lie Maag of Ohio kicked a field goal and gave State a three-point victory. Maag had already been substituted in the same quarter.

Fourth Down Pass

Another change concerned the forward pass on fourth down. Formerly if the pass were incomplete in the end-zone the ball would revert to the opposition on the 20-yard line. Now the opponent will receive the ball on the line of scrimmage.

The third revision involved handing the ball behind the line of scrimmage. The pigskin may be handed to any player behind the scrimmage line.

John Schommer played an im-

(continued on page seven)

So I've Heard!

By Art Hauswald

Well, the Touchball Tourney is finally over, and the Senior Mech team becomes the first Techawks team to win two intramural touchball championships. Last year they beat the present Senior Chems in the finale.

—o—

Sonny Weissman, who coaches baseball among other things, has scheduled some sixteen games for the baseball team next spring. The Techawks have joined the newly organized Northern Illinois College League, a baseball league, which at present consists of North Central, Wheaton, Concordia, and Elmhurst, with Lake Forest, De Kalb, and Chicago Teachers as possible members.

—o—

Bob Patterson, former Techawks wrestling captain of 1936, won the AAU wrestling championship at 155 lb. in the Amateur Athletic Union meet held in Chicago during Christmas vacation, while Steve Wasilenko, present member of the wrestling squad, walked off with the 128 lb. crown.

—o—

Many Techawks faculty members and former students were grieved to hear that Lieutenant Paul L. G. Moore, C.E., class of '37, former boxing captain, was killed while testing a United States Army plane at Dayton, Ohio on last December 22. Member of Tau Beta Pi, and one of the Institute's foremost students, he was on the boxing team for three years, being elected captain in his senior year.

—o—

The bowling tournament began this week, with twelve teams being paired off in the start of a ten week schedule. Intramural Manager Chuck McAleer has announced that the teams may find their handicaps and the schedule each week on the bulletin board in the Student Union.

—o—

Ramblings: Captain Nigrelli will be wrestling in just two more meets as a Techawks since he will be graduating with the Co-ops on January 29. . . Don Maihock, 135 lb. wrestler, will be out for the season with a dislocated shoulder received in the AAU meet. . . Congrats to Coach Hal Davey for landing Notre Dame on the hockey schedule. . . Look out for that

Senior Mechcs Whip Senior Civils 25-12 In Touchball Finale

Better late than never! After four weeks postponement, due to rain, snow, wind, ice, and what have you, the Senior Mechcs finally won their second successive Touchball championship last Friday by virtue of a 25-12 win over the Senior Civils. It was their eighth victory in a row, going through the entire tournament schedule without a defeat.

Obergfell Scores

The Civils, winning the toss, kicked off to the Mechcs who brought the ball to midfield. Two plays failed to gain much yardage, and on the third down Bill Krause spiraled a long pass to Howie Obergfell in the end zone for six points. The pass for the extra point was blocked.

Mechcs Turn on Power

Ed Knorring kicked off to the Civils, the ball going offside at midfield. Successive long passes failed to gain any ground for the Civils, and the Mechcs took over, gaining ten and fifteen yards at a time on power plays through center, and wide sweeping end runs. However, the Civils held them, Bill Bauch and Roy Jacobsen getting inside the Mech defense blocking time after time. Late in the first half Walt Russanowski went out short and then broke into the clear to take Frank Pfeffer's pass for the Mech's scored tally. The try for the extra point was again stopped. The Civils threatened only once in the first half when short passes from George Lykowski to Bob Olson brought the ball to the Mech's ten yard stripe, but the march stopped there when Krause intercepted in the end zone for a touchback. The first half ended with the Mechcs on the long end of a 12-0 score.

Krause Scores

The second half opened with the Civils bringing Knorring's kick off to midfield. On the first play, Art Hauswald on a sleeper play, went into the end zone for Lykowski's long pass, but the pass was blocked. The Mechcs took over a few plays later, and after a series of winning plays, brought the ball to the Civil's own twenty. Pfeffer tossed a pass to Krause who connected in the end zone when the ball bounced from the hands of Hauswald. Pfeffer went through center behind fine blocking to score the extra point.

Late in the second half, the Civils scored their first touchdown when Hauswald went behind Krause and took Lykowski's pass for a touchdown. The pass for the extra point was blocked, making the score 19-6. Krause added the last Mech touchdown a few minutes later when behind good blocking, he went through the entire Civil team for six more points.

Civils Score

The Civils made it 25-12, a few plays later, when Lykowski, tossed a long pass in the end zone to Hauswald and Rockelmann who hung on to the ball simultaneously. The pass for the extra point was no good, and the game ended a few minutes later with Lykowski running the ball from his own ten to the Mech's twenty yard line.

Weissman, Davey, and Kremer outfit in the bowling tourney. . . Sophomore Jack Byrne, Techawks forward on the basketball team, has piled up 64 points in seven games. . . John Butkus is in Weissman's doghouse for missing a couple of wrestling meets. . . It must be that Lillian person.

HILBS FETED BY JUNIOR ARX



By Ed Center, Staff Photographer

Ludwig Hilberseimer, professor of city planning was honored by the Junior Arx at a party held Dec. 21, which was officially designated as 'Hilberseimer Day.' Hilbs is admiring a 'model' house presented to him by Santa Claus, Ed. Moore (holding whiskers).

MAROONS DEFEAT TECHAWK QUINTET

During the course of the past few weeks, Illinois Tech's cagers were engaged in several important games. Since the last deadline of Technology News the Techawks have met the University of Chicago, North Central, Wheaton and Lake Forest. All four encounters resulted in defeats for IIT.

Chicago Wins

On December 14, Illinois Tech invaded the Midway only to bow to a tall Maroon five by the score of 27-22.

Lose to Cardinals

The Cardinals of North Central continued their dominance of last year and trounced the Techmen 38-30 in a game played at the 108th Armory, on December 17, 1940. The Cardinals took an early lead and kept it all through the contest. During the second half Tech threatened and came within four points of the leader. "Lefty" Byrne inspired the IIT attack and tallied sixteen points for the evening.

Wheaton Wins

The Techawk's last game for 1940 resulted in a 41-29 defeat at the hands of Wheaton on the winner's home court. Byrne and Brierly were top scorers for Tech. A very small gym provided a severe handicap for the Techmen, who are used to playing on regulation floors.

Schommer—

(continued from page six)

portant role in making these alterations, but lost the fight in some of his so-called "more radical" suggestions, which are pointed towards opening up the football offense. He suggests placing the goal on the goal line to encourage place-kicking, allowing a forward pass from any point behind scrimmage, stopping "grabbing" of the opponent's clothing and giving the team scored against the option of choosing a goal to defend after each touchdown.

Cochrane Lauds Schommer

Edward W. Cochrane, sports editor of the Chicago Herald-American devoted his entire column on December 31, 1940 to John Schommer and his role on the football committee. Mr. Cochrane spoke of John J. Schommer as the "best umpire in the Big Ten." Illinois Tech and Technology News adds its bit to this endorsement. We firmly believe that not only is Mr. Schommer outstanding in the Big Ten, but throughout the country as well. We are proud that as fine a man as he, represents the Illinois Institute of Technology in the sporting world.

Enrollment Will Be Increased; Propose No Course Changes

(continued from page one)

well over 2500. It is expected that the tremendous night school facilities attending such expansion will provide graduate and undergraduate capacity topping the 5000 mark, while formal graduate work will constitute the remainder of attendance. Included also will be provisions to cope with emergencies that may arise at National Defense of Government call.

It was definitely announced that no functional expansion of curriculum pointing to the establishment of a university is being or will be contemplated. Enlargement within the institution is the order of the day.

Along with the general revision within the curriculum will be the advent of new engineering fields. Tentatively under consideration is metallurgical and industrial engineering, both of which have been long proposed and both of which the administration feels are of sufficient service to industry to warrant attention. Courses in aeronautical work will be extensively increased both in scope and in number, but no plan exists embodying such work as an individual field. Financial commitments for wind tunnels and similar equipment necessary for the conduct of courses comparable with the excellent system maintained in other fields were termed so prohibitive as to make the project improbable.

Uniform Semester System

Officials of the Institute indicated that no change in general class room technique is contemplated for undergraduate work. Research will be permitted only in the Graduate School. Semester systems now in practice at the Armour day school and in the two evening schools will be carried over for the entire Institute, replacing the quarter system now existent at Lewis.

It is expected that departmentalization of buildings as proposed will enhance the opportunities for greater individual work and provide stimulus for further research developments.

Campus To Offer Modern Facilities

(continued from page one)

Benefits of a new campus to the liberal arts students will not all be scholastic. To the student who is accustomed to old buildings, old equipment, dust and dirt, and no campus it is encouraging to look into the future and see "Technology Center," its three floor modern buildings, tennis courts, field house, and spacious green campus.

Student Union, Field House To Foster Activities

(continued from page one)

is included in the project. This athletic emporium, whose facilities will supplant the combined resources of the fifth floor band box, the Armory, the Lewis gym, the U. of Chicago, and Cap Larson's old beanery, alias the present field house, will be located on 32nd Street in the northernmost part of the campus.

Yipee! A Field House!

While the design of the field house is not specifically known, the new building will be three stories high, and will cost in the neighborhood of a quarter of a million dollars. All the modern necessities of the college athlete will be provided for in this construction. Basketball and tennis courts, an indoor track, wrestling and gymnastic mats a fencing



President H. T. Heald

room, swimming pools, locker and shower rooms—all these will be contained in the new structure.

Because of the location of the new Arts and Science building, Ogden Field will be no more. To take the place of the famed "dust bowl," a stadium has been contemplated. This stadium includes a track, permanent seats, a diamond, and room enough for the famous 'ouchball games.

Plans are also made to include tennis courts. Six doubles courts are to be constructed. They will be of the best design and con-



C. S. Davis

structed as well as possible. They will probably be located in back of the Student Union building.

As the hub of the new campus life the new Student Union building will take its place. Many times larger than the present Student Union, the new edifice will have

(continued on page eight)

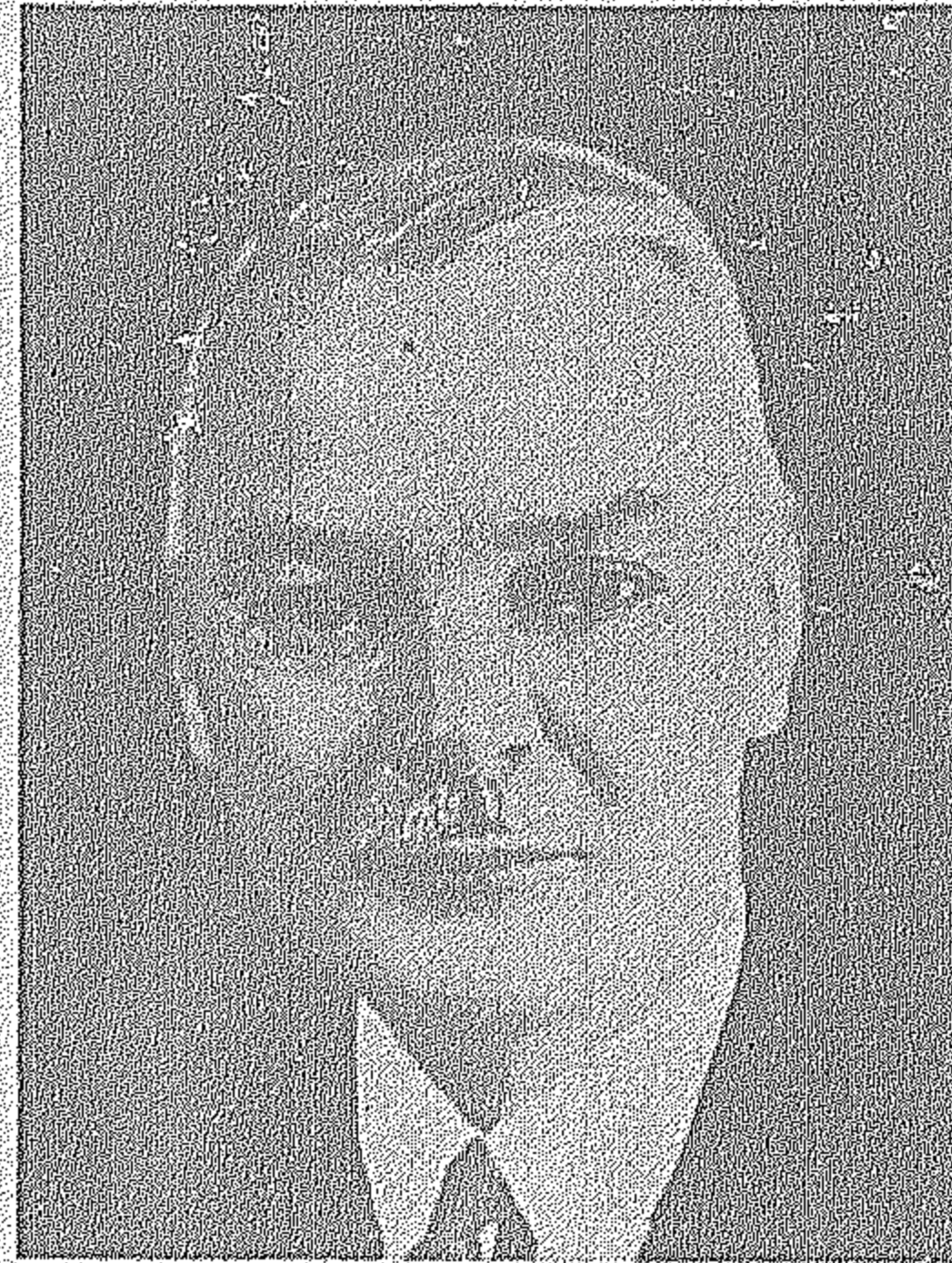
Educational Plant To Be Built On South Side Campus; Cost To Be Three Million Dollars

(continued from page one)

of Republic Flow Meters Company and Chairman of the Board of Trustees of Illinois Institute of Technology.

Highly Important Group

This committee of five will have the job of steering the project through the financial intricacies that are attendant to the plan and to secure the necessary publicity



J. D. Cunningham

in the all-important campaign for funds. Its task will be to carry on the work already started by the Institute in providing the basis for the new plan in hand — to carry it to completion with all the ability that these men as personalities and as executives possess.

South Side Chosen

The groundwork for this project was begun about two years ago, when the officers of the Institute in conjunction with the Board of Trustees agreed that the present south side campus was the best location for the site of the new school. Once the location was fixed the next task was to proceed to the acquisition of property.

Negotiations were begun at once for the purchase of the many parcels of land in the district bounded on the north by 32nd St. on the south by 34th St., on the east by State St. and on the west by the NYC railroad. Such negotiations had to be done in utmost secrecy to forestall any attempt of property owners to raise prices above reason. The purchases were virtually completed a short time ago and with that the public announcement of the project was ready to be made. Although a few holdouts remain in the area, these are not considered important enough to prevent further work.

\$3,000,000 Project

The plan as it now stands contemplates the development of about 25 acres and the expenditure of about \$3,000,000 for buildings and equipment. Since this is a long term plan, one cannot expect to see construction start immediately on the whole project. Those in charge, however, expect that construction will start on the new library and classroom building in the very near future and it is hoped that it will be in use by September 1942. This building of some 100,000 square feet will cost about \$700,000.

(continued from page one)

equipment since the merger of last summer. His talk was illustrated by the motion pictures taken on Armour and Lewis campuses last week.

Randall Praises School

Principal speaker of the afternoon was Mr. Clarence B. Randall, vice-president of Inland Steel Company. Mr. Randall stressed the importance of educational work now being done at Illinois Institute and pointed out the brilliant future which he saw as a result of the increasing cooperation between the school and industry in the Chicago area.

"What the new Illinois Institute of Technology needs most," said Mr. Randall, "is a group of enthusiastic salesmen who will tell

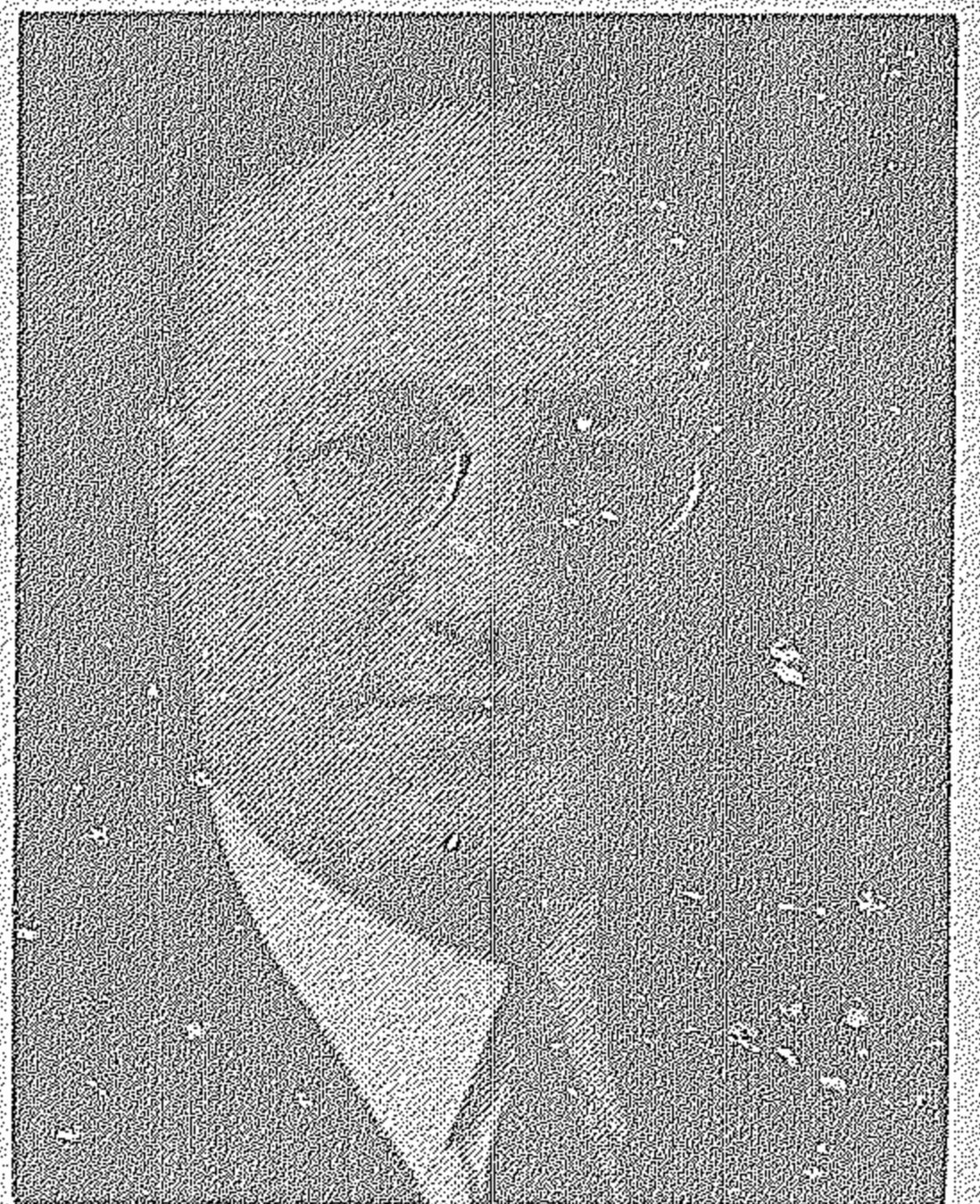


S. G. McAllister

the business community of Chicago, and the Middle West, the story of what a grand institution it is. The public knows altogether too little about its cooperative plan, its research programs, its schedule of part time instruction, and the amazing growth of all of its work in the past few years."

"Money for Human Development"

"When that story is told, I believe that industry will rally to the support of the school. Just as industry is always prepared to spend large capital sums for physical expansion, it should be pre-



C. B. Nolte

pared to spend money for human development. In other words, it is just as much the job of industry to assist in the training of young men as it is to design new methods and equipment."

HAESLER'S DRUG STORE

DAMEN and MADISON STREETS

Fountain Service, Lunch,
Homemade Ice Cream—Double-Rich
Fresh Fruit Flavors At All Times

STUDENTS OF LEWIS COLLEGE
Go West Where You Get The Best—And The Most For Your Money
SEELEY CAFETERIA
2035 W. Madison St.
Try Us And Convince Yourself

Student Union, Field House To Foster Activities

(continued from page seven)

a total floor space of over 40,000 square feet. To be built at a cost of about \$350,000, the Student Union will contain all of the sober features of a recreation center plus those of a modern hotel. The building will be built on the same site on which the present Union building stands.

There is no doubt but that social life at 33rd and the Tracks will be given a tremendous boost, not only through the influx of coeds and the Student Union but also through the inevitable increase in fraternity life. The campus development plans call for a fraternity row and dormitories. This group is to be situated either on Michigan boulevard or on 33rd street near the "L" tracks. There has been a definite need for non-fraternity living quarters near the Institute, and this plan seems to be the "supply" to the demand.

No trouble is expected from the neighbors in the vicinity. Technology Center will stand out like an oasis in a desert, and perhaps prove to be a "Joneses" for the "Smiths" to keep up with.

A New (Social) Deal

With a well-equipped field house, an athletic field, tennis courts, a super Student Union, and a fraternity-dormitory row, it is apparent that the much wanted "luxuries" of the ordinary student are to become a reality. It can not be denied that the social and athletic activities of the Illinois Institute of Technology student will be immensely broadened with the completion of this project.

Illinois Institute To Erect "Campus Of Future" At Armour

(continued from page one)

Needless to say, however, the sabotage of large strides in progressive educational expansion, caused by an old, severely crowded, and unattractive campus, must be ended. And thus it is that by September, 1942, it is hoped that a large modern structure, housing a library and facilities for all

the arts and sciences, and costing about \$700,000 will be the first landmark in Illinois Tech's "New Deal."

A Complete Student Union

Step by step, the construction of the new campus is expected to continue from there. A 42,000 sq. ft. student union building will follow containing auditorium, cafeteria, and facilities for all non-athletic extra curricular activities. Publications, clubs, student committees, etc., will be housed there.

A huge new building which will house the engineering and architectural departments is also being

planned, and will probably occupy an area of almost one square block. Athletic activities, too, will be glorified by a \$250,000 field house and athletic field, so that all sports may be undertaken at this campus.

Research Gets "Skyscraper"

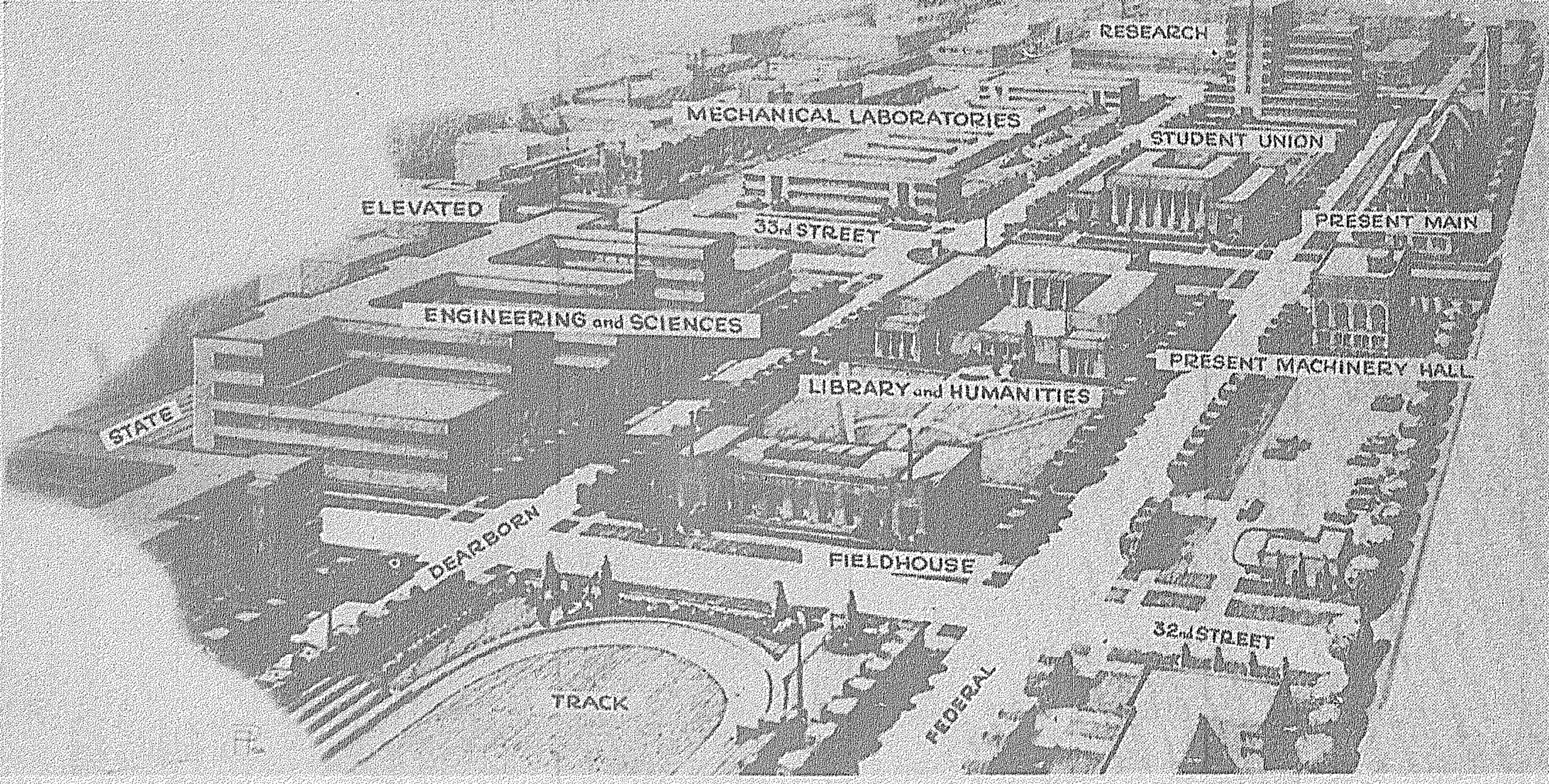
At the far south end of the campus a ten story "skyscraper" will be the new home of the research foundation overlooking expansive one-story research laboratories, a portion of which is complete and in use.

It is expected at the present time that the electrical engineer-

ing department will gradually take over the present main building, accompanied by the physics department.

President Heald emphasized at yesterday's luncheon that all building plans are not yet definitely decided upon, and that construction will take place gradually over a period of several years. Technology Center, as the new campus is to be called, is definitely on its way, however, and is expected to assume a foremost position in this country as a monument to engineering and the engineering education.

ILLINOIS INSTITUTE OF TECHNOLOGY AT TECHNOLOGY CENTER!



This architect's sketch shows one stage in the long term development plan announced to 100 prominent Chicago industrialists at the Chicago Club yesterday. The late Mr. Alfred S. Alschuler, noted Chicago archi-

tect and member of the board of trustees of IIT, was responsible for the architectural design of Technology Center. The new research building, which he designed, is already in use (see page one, bottom).

This book **TOBACCOLAND * U * S * A *** gives thousands of smokers like yourself the facts about tobacco and...

Chesterfield's

MILDER, BETTER TASTE

To the keen interest of the thousands of men and women who visit our Chesterfield factories, we owe the idea of publishing the book, "TOBACCOLAND, U. S. A." It is a comprehensive picture story about the growing, curing and processing of tobacco, telling you why Chesterfields are MILDER, COOLER-SMOKING and BETTER-TASTING.

We are proud of the hundreds of letters from smokers like yourself who have seen "TOBACCOLAND, U. S. A." Many have asked us to send copies to their friends. We would take pleasure in sending you a copy—just mail your request to Liggett & Myers Tobacco Co., 630 Fifth Avenue, New York, N. Y.



Capt. JOHN M. MILLER, America's No. 1 autogiro pilot and pioneer of the world's only wingless mail plane route between Camden, N. J. and the Philadelphia Post Office, is shown here enjoying Chesterfield's new interesting book "TOBACCOLAND, U. S. A."

Do you smoke the cigarette that Satisfies... it's the smoker's cigarette