

# TECHNOLOGY NEWS

"World's Greatest College Newspaper"

VOL. 28—No. 1

Z143

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

SEPT. 30, 1941

## John H. Collier Elected To Board Of Trustees At IIT

Announcement Made By  
J. D. Cunningham

John H. Collier, President of Crane Co., has been elected to the Board of Trustees of Illinois Institute of Technology. This announcement was made by James D. Cunningham, chairman of the board and president of Republic Flows company of Chicago.



Mr. Collier was chosen to fill the vacancy caused by the death of C. B. Nolte, known to many as a long

time supporter of the Institute and one of the original movers of the new \$3,000,000 building endeavor.

At a special meeting of the board of directors on May 5, 1941, Mr. Collier was elected to the presidency of Crane Co. This was the culmination of a career which began for a young man of 19 who entered the employ of Crane Co. as a core maker's helper. In the 38 years since, Mr. Collier's experiences have brought him into contact with various manufacturing departments of the company.

Following his appointment to the important position as assistant superintendent of the brass foundry (1908), Mr. Collier was advanced to general manager of the Bridgeport, Conn. manufacturing division. While serving in the capacity of director of Crane Co., Mr. Collier was sent to Europe as president of the Cie Crane, Paris, France and chairman-director of Crane, Ltd., London, England (1929-1933). On his return to Chicago, Mr. Collier continued his upward climb until he rose to the top position which he holds today.

## C. E. Paul, Head Of Mech. Dept., Retires

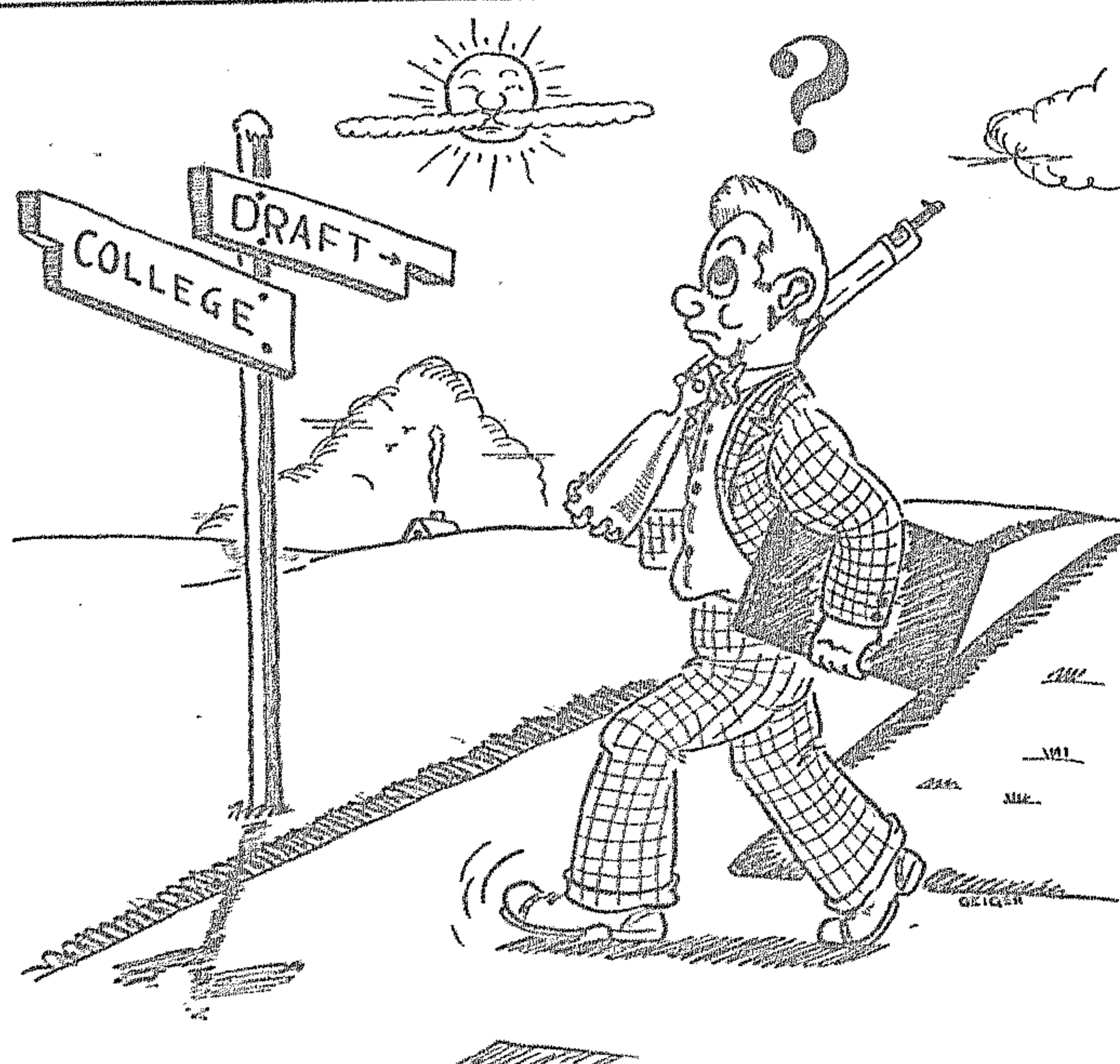
Chairman of the department of mechanics at Illinois Institute of Technology, and formerly the director of the science curricula of AIT, Professor C. E. Paul is retiring from active duty according to a recent announcement made by President H. T. Heald.

Thirty-three years ago Professor "Charley" Paul, who will shortly celebrate his 65th birthday, came to Armour as associate professor of mechanics. From M.I.T., via Kansas State college, New Mexico State college, and Pennsylvania State college, he came here in 1908.

Aside from his labors at IIT, Prof. Paul did a good deal of consulting work. He also wrote several books, and contributed to a number of technical magazines. His compilation of the original tables for basic lumber sizes, upon which the American lumber standards were established, was an exceptionally high spot in his career.

Professor Paul is a member of Tau Beta Pi, Theta Xi, Sphinx, as well as other noted fraternal and engineering societies.

## "WHITHER?"



## Honor Scholarships Awarded Six Seniors; Congratulations, Fellows

Six seniors in the Armour division were awarded honor scholarships, it was announced by President Heald last week.

The recipients are George A. Storz, architect; Warren Spitz, architect; George Orescan, Ch.E.; Robert Sullivan, M.E.; Charles I. Ball, C.E.; and Robert W. Kerney, F.P.E.

These honor scholarships are awarded on the basis of scholarship, personality, extra-curricular activity, and general fitness.

Both Storz and Spitz won Dora T. Bartlett scholarships, and were selected by the president of the Institute and the architectural faculty.

President Heald chose George Orescan to receive the Bernard E. Sunny scholarship, while Robert Sullivan is honored with the Malek A. Loring scholarship.

Charles I. Ball was selected to receive the Edward G. Elcock scholarship, which is reserved for civil engineering students.

The Chicago Mechanics' Institute scholarship was awarded to Robert Kerney for his work in the Institute.

Their records tell why these students were honored. Storz is a member of the honor fraternity Scarab, a graduate of Luther Institute, with an average of 2.14 out of 3.00 for the second semester of his third year here.

### ATTENTION!

All students interested in working on Technology News are informed that there are some open positions at the present time and are invited to apply at either the Armour campus news office, Friday afternoon after 4 p.m. or the Lewis campus news office, Thursday afternoon after 2 p.m.

ARMOUR OFFICE—Chapin hall, 1st entrance, 4th floor.  
LEWIS OFFICE—Room 313.

Freshmen and sophomores are particularly desired. In order to save time, please come prepared with program schedule, previous experience (if any), and desired positions, neatly written out.

Spitz is a member of Sphinx, Rho Delta Rho and was an editor of the Tech News last semester. He is co-manager of the baseball team and has a scholastic average of 1.91.

Orescan's average is 2.76. He belongs to the honor fraternity Tau Beta Pi and to Phi Lambda Upsilon.

Sullivan, with an average of 2.95, is a member of the Glee club, Pi Tau Sigma and the American Society of Mechanical Engineers.

Ball belongs to Tau Beta Pi, the American Society of Civil Engineers, and to the Glee club. He was an editor on the staff of the Tech News, editor of Chi Epsilon's newspaper and secretary of the Western Society of Engineers. He has been an Honor Marshal and Junior Marshal, and has a scholastic record of 2.81.

Kerney, selected by the president for his award has an average of 1.85, and is a member of Alpha Sigma Phi.

## Tau Beta Pi Convention Next Week In Penn.

Tau Beta Pi, Armour's oldest and most important honorary society, held its first meeting of the school year last Friday. Committees for the year were appointed and plans outlined for an active school year.

The present members of Tau Beta Pi, the highest honor which an undergraduate engineering student can attain, are George Orescan, chemical; Charles I. Ball and Earle G. Huxhold, civils; Robert J. Sullivan and James W. Harnach, mechanicals; Robert Creagan, fire protect; Gustav Staats, electrical; and Edward P. Hanuska and Martin Kreagel, co-ops.

This week Thursday, Friday and Saturday, October 2 to 4, the annual national convention will be held in Philadelphia with the University of Pennsylvania and Drexel Institute as host chapters. Representing Armour's chapter, Illinois Bet, will be George Orescan, president; Charles I. Ball, secretary; and Edward P. Hanuska.

## New \$1,000,000 Gas Institute At IIT To Be Founded This Semester

### SUMMER COURSES GRADUATE 951 MEN, 620 FINISH NIGHTS

While the regular full-time members of the Illinois Tech student body amused themselves in luxurious idleness during the past summer, the campus was the scene of great activity. Professor John I. Yellott, head of the Engineering Defense Program at Illinois Tech, and his assistants were up to their necks in work as they pushed forward their task of strengthening the nation's defense through the medium of training workers for the present armament program.

The full-time summer defense training program enrolled 1,071 students at the beginning. Of this number 961 finished the course, 951 of the latter receiving their certificates of completion. At least 700 of the trainees are now employed.

The evening program offered a four hour per week course for eight weeks in materials inspection. About 700 enrolled for this study, some 620 of them actually finishing the work. This training was offered primarily as an upgrading service with the main purpose of increasing the knowledge and ability of men already employed in industry.

The future holds even greater plans for the EDT program. A full-time three-month course in the field of materials inspection and testing is soon to be opened at Lewis. It is hoped that 400 men will eventually benefit from this opportunity, but the first group will be limited to 150 specially selected applicants. Aptitude tests will be given the applicants to determine their mechanical and mental abilities.

Another evening program of classes is being mapped out at the present time. It is scheduled to start October 20 with a curriculum of 40 separate subjects. Approximately 3,000 students are expected to take advantage of this service, with the obvious result that every nook and cranny of the institute not actually being used by regular evening school students will be pressed into service in this vital program.

## IIT DANCE CLUB TO MEET WEDNESDAY

Wednesday, October 8, is the date of the first organization meeting of the glorified IIT Dance Club. If you are interested in joining, you are kindly requested to come to the Armour auditorium at 5 p.m. next Wednesday. You do not need to bring a partner.

The principal purpose of the club is to teach dancing to beginners, and to improve the social standing of the student body. Advanced dancing classes will in all probability also be given. The dating bureau is to be revised and expanded, and more dancing partners are promised for the regular club meetings.

If you are interested, watch the bulletin boards and the next issue of your Tech News.

## Gas Foundation Offers Graduate Research Degrees

A program sponsored by the leading natural and artificial gas companies of the United States, is about to bear fruit in the form of an educational foundation for graduates leading to the degree of master of science and doctor of philosophy. New courses will be offered as a separate unit of Illinois Tech.

Our institution was selected as a result of an extensive survey conducted among the leading colleges and universities in the United States. The location of Illinois Tech and the composition of its staff and administrative offices were deemed most likely to fit into the requirements of an intensive study of gas technology.

### Million Dollars to be Spent

The new "Gas Institute" will involve an expenditure of more than \$1,000,000 during the next ten years, exclusive of additions to plant and equipment.

According to President H. T. Heald, there will also be conducted and encouraged under this graduate program, fundamental and applied research pointed towards the betterment of the future of the gas industry.

Actual operation begins this September. From five to ten fellowships will be granted students for the first year. The program, however, when in complete operation, contemplates a student body of from fifty to sixty graduate students with a well-qualified faculty chosen for its competence in research and graduate instruction.

Plans for the "Gas Institute" include the erection of buildings to house its activities. These buildings will be in addition to the new structures planned by Illinois Tech under its current expansion program.

Six principal objectives have been laid down to form the basis of operation of the "Gas Institute." First of all the founders of the new institute expect it to be operated to "train qualified young men, college graduates, for entrance to the gas industries. The other five objectives are: to conduct fundamental research; to conduct applied research; to collect and disseminate scientific information.

### THIS WEEK AT IIT

#### TUESDAY:

September 30

Lewis Drama Club meeting, 1-3, Auditorium.  
Sigma Omicron Lambda, Rush Tea, Tea Room—4:15 p.m.

#### WEDNESDAY:

October 1,

Sigma Beta Theta Rush Tea; Apartment; 3 p.m.  
Alpha Lambda Pi meeting, Laird Community House, 1838 W. Division; 7:30 p.m.

#### THURSDAY:

#### FRIDAY:

Athletic Assembly — Lewis, 9:10.

#### MONDAY:

Student Council Meet;  
Kappa Phi Delta Rush; 4 p.m.