

# TECHNOLOGY NEWS

"World's Greatest College Newspaper"

VOL. 26—No. 6

Z143

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

NOVEMBER 5, 1940

## Sr. Interviews Start Earlier This Season

Through the dark gloom that surrounds all seniors who are struggling through their final year has come a spark of hope from the placement office. So great is the demand for capable men that Mrs. Carroll is actually having trouble finding men to fill the jobs she has to offer.

### Early Interviews

In order to facilitate the task of choosing men for these positions, all seniors are requested to stop in at the placement office and fill out a placement blank for the files of the department. A photograph, approximately two by two and one-half must also be handed in, and Mrs. Carroll has suggested that this be done as soon as possible as she has every reason to believe that employers will begin interviewing earlier than ever this year.

### Premium on Mechs

Some sophomores have already been scheduled for interviews with the Eastman Kodak Company, and the General Electric Company representatives will also be around most any day to interview several capable students. The greatest demand is in the mechanical department, as the war boom has placed a premium on good mechanical engineers.

The placement bulletin board in the lobby of the Student Union is the only method that the placement bureau has of contacting students, and all seniors, juniors, and sophomores are advised to watch this board as jobs will appear on it from time to time.

## SENIOR HOME ECS WILL HEAR TALKS BY FOOD LEADERS

Field Day for seniors in home economics will be held November 15 and 16. The program is sponsored by the Home Economics Women in Business, under the leadership of Marietta Eickelberger, director of the Nutrition Service of the Evaporated Milk Association. The students will have an opportunity to become acquainted with the activities carried on by some of the outstanding leaders in the field of home economics.

Some very interesting lectures have been prepared and will be presented on Friday, November 15. Speakers for the day will include Dr. L. Stanley, chief of the Bureau of Home Economics at Washington, D.C.; Millicent Atkin, director of the Irradiated Evaporated Milk Institute; Esther Latzke, of Armour Meat Packing Co.; and Mrs. Neil Nichols, director of the National Women's Magazine.

The Home Economics Club had an informal luncheon in the Tea Room on Thursday. After the luncheon, business reports were read and discussed.

An apology is in order to Miss Laura Winkleman, temporary head of the Home Economics Department, whose name was accidentally omitted from the list of Lewis delegates to the convention of the Illinois Home Economics Association which appeared in last week's *Technology News*.

## LEWIS SENIOR OFFICERS



Two girls were among those elected to lead the Senior class at Lewis. They are (left to right) John Ferraro, treasurer; Alda Kairis, activities chairman; Jack Greener, president; Jane Goelet, secretary; and Charles Reinhardt Jr., vice-president.

By Raymond and Anderson, staff photographers

## New Building To House Lab For Airplane Course

Students on the Armour campus were commenting last week on the new engineering building and the rapidity of the construction work. Already the roof and the front part of the walls are in place. Plans to devote two thirds of the space to facilities for student instruction were announced Friday. It was also decided to use the remainder for a Research Foundation project.

At first, the courses given will be special instruction for college students, and will be part of the government program to stimulate special training in vital defense industries and studies. Later, as more facilities become available, this will form the nucleus of an intensive aeronautic course.

The most important and unusual piece of equipment will be a  
*(continued on page three)*

## Dr. Yellott To Conduct Tests In Steam Research

An intensive study of flowing steam was started by Professor John I. Yellott nine years ago while he was at Johns Hopkins University and later at Stevens Institute of Technology in New Jersey. When he transferred to Illinois Institute to take over the chairmanship of the mechanical engineering department. Dr. Yellott brought his improved apparatus along to continue his research.

### High Velocities

In the basement of the Research Building, the new steam laboratory is being set up to accommodate, among other things, Dr. Yellott's variable angle nozzle. For demonstrations, a smaller glass walled jet is to be set up in the Machinery Hall steam lab to demonstrate steam and air flows. Impact tube measurements at velocities greater than those of sound also will be studied.

In conjunction with Mr. Paul R. Trumpler, Prof. Yellott is going to test high vacuum steam nozzles such as used in steam jet ejectors. The discharge will be observable through glass windows, and has  
*(Continued on page eight)*

## Bank President Elected To I.I.T. Trustees Board

According to an announcement, released late last week by the Board of Trustees of Illinois Institute of Technology, Mr. Howard W. Fenton, 991 North Elm Tree Road, Lake Forest, Illinois has been elected to the Board of Trustees. Mr. Fenton is president of the Harris Trust and Saving Bank, and is one of several prominent middlewest business men recently elected to serve upon the combined board of the merged schools—Armour Institute of Technology and Lewis Institute. An account of the election of Mr. Joseph G. Alther, vice-president of the Universal Oil Products Company; Charles Getler president and director of Houdaille-Hershey Corporation (Detroit); and William H. Regnery, president of Western Shade Cloth Company, appeared in the *Technology News* last week.

Mr. Fenton was born in Indianapolis, Indiana, and received employment with the old N. W. Harris Company, immediately upon graduating from high school. He continued with the successor company, the Harris Trust and Savings Bank, and was made treasurer of this prominent Chicago  
*(Continued on page eight)*

## Chem Seminars To Begin Soon

For the first time, in the history of Illinois Institute of Technology, the chemistry department is conducting a chemistry seminar. The first meeting will be held Wednesday, Nov. 6, at 9 o'clock, in the east dining room of the Student Union. Meetings will be held thereafter approximately every two weeks, except when holidays intervene.

### McDonald to Speak

Faculty members and graduate students will be the speakers at the meetings. Their speeches will deal with research carried on at Illinois Institute of Technology and other schools. Dr. H. J. McDonald, the speaker at the first meeting, will talk on the subject, "A Study of the Ethyl Alcohol-Glycerol-Benzene System." Dr. McDonald, who is conducting re-  
*(Continued on page three)*

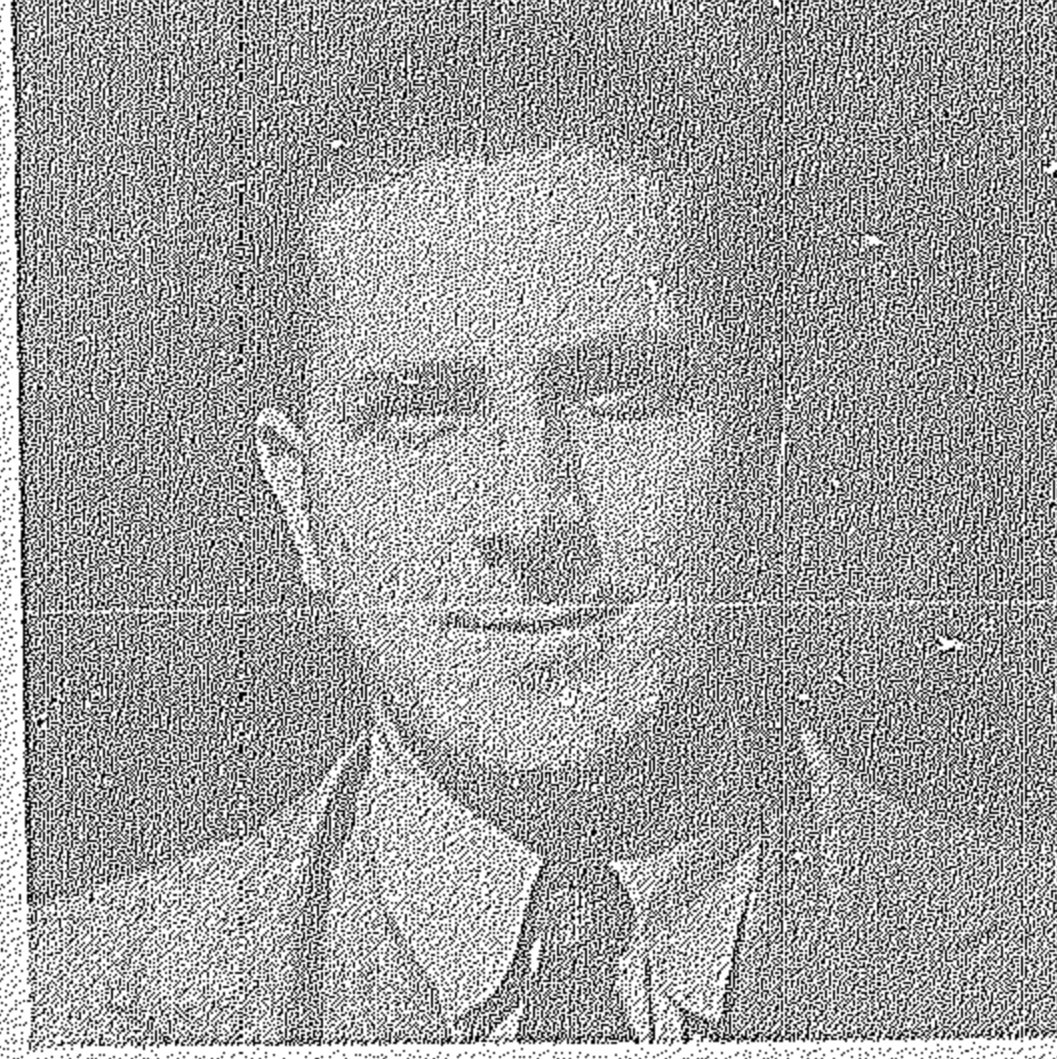
## Henry Carlson Will Provide Syncopation For ARX Dance

### Machine Design Expert Engaged In Special Work

Mr. E. M. Rundquist, a research mechanical engineer of long experience, has recently been employed by the Armour Research Foundation for the design of special industrial equipment and machines. In addition to his research activities, Mr. Rundquist is also completing his formal engineering education here at Armour College.

### Developed Cable Patent

Mr. Rundquist has had almost twenty years of experience both in America and abroad. Born in Sweden, he studied engineering there until the World War interrupted his studies and saw him transfer his activities to the SKF Ball-bearing Company. Crossing the Atlantic in 1920, he was engaged in development research for



E. M. Rundquist

By Bob La Nier, staff photographer

Western Electric for 13 years. Many different positions were given Mr. Rundquist, the first of which was the supervision of the installation of automatic electrical machinery. Then he designed equipment for the production of wires and cables, being instrumental in the production of a vital patent which had cables packed in rectangular units.

### Back to Europe

Responsibility for a vast amount of new equipment was his when he was re-assigned to the foundry department, and next to the patent group. He reorganized this latter group, and then moved on to miniature lamp production and ceramics. While in ceramics, he saved the corporation several hundred thousand dollars by his invention of an electrical barrier.

Because of his many contacts in the old countries, Mr. Rundquist was hired to sell patent rights for A.T.&T. in Europe. France, Germany, and many other countries refused his labor saving devices because of the general unemployment. "We want a machine," said one governmental representative, "that will double or treble the amount of labor required, instead of decreasing it."

### The Happy Ending

After a more fortunate advent into the machine tool field, Mr. Rundquist came to the Armour Research Foundation. Because he never completed his formal engineering education, the much-travelled Mr. Rundquist enrolled in the Armour college of engineering and will graduate with the mechanical engineering class of 1941.

### A New Swing Style Boosts Sales

Henry Carlson and his merry men will officially open the Illinois Institute's social season this Friday at the much-heralded Arx Dance. Dancing feet will follow the downbeat at the spacious Medinah Country Club as Mr. Carlson and his musical crew provided the rhythm for the anticipated crowd.

The orchestra's new style of swing will be as sweet to the ears of the dancers as the merry jingle of the cash register is to the ears of the young architects while the present large advance sales continue. The dance sponsors modestly admit that the turnout will be at least colossal, if not more so.

### How to Get Bids

If a person wanting to go to the dance has been able to avoid the large group of hovering high-pressure salesmen, he can get one of the artistically-designed bids for the insignificant price of \$1.50. Just ask at the information office at either college, ask any loose architect, or stand in the lobby of the Armour Student Union and think to yourself that you want one. A large swarm of mind-readers offering bids will promptly descend.

Passes to allow the bearer to enter the grounds of the country club are contained in each attractive bid, and must not be detached except by the club's gatekeeper.

### Arx Rule Roost

West on Lake Street, straight as the love-bird flies, is the country club. A map of the routes will be posted on the bulletin boards, so the "slip-stick" specialists will  
*(Continued on page three)*

## This Week at I.I.T.

### TUESDAY:

Civil Liberties Election Committee, 6:00 A.M.—10:00 P.M. 2E (Armour).  
Lewis Drama Club, 1:00, Auditorium.

### WEDNESDAY:

Talk by Dr. H. J. McDonald on chemistry, 9:00—10:00 A.M. Pan-Hellenic Luncheon, 12:30, cafeteria (Lewis).  
Sophomore Class Meeting (Lewis) 1:00, room 302.  
Student Council Meeting (Lewis) 2:00, room 335.  
Honor I (Armour) 5:00, Student Union office.  
Alpha Chi Sigma, 5:00—8:30, East dining room (Armour).  
Scholarship Committee Meeting, U2W at 2:00.

### THURSDAY:

Lewis Drama Club, 1:00, Auditorium.  
ITSA Meeting, 3:30, East dining room.  
Architectural Society Meeting, 12:30—Art Institute.

### FRIDAY:

S.A.M. at 10:00, (Armour).  
Delta Lambda Xi Meeting, 10:00, East dining room (Armour).  
ARX DANCE — Medinah Country Club.  
Graduate School Lecture — Yellott, 10:10 to 11:00 A.M. in room 101 Chapin Hall.