

Tech training women for war work in metals

Illinois Tech began a course last October to train women as metallurgical technicians. The demand by industry for people with such training has far exceeded the supply so far turned out by IIT. This shortage is due, however, not to any fault of Tech's, but rather to the fact that only eleven women have taken the course. To date, 52 Chicago war plants have asked for metallurgical technicians; one company alone wanted ten.

Apparently, women are frightened by a course called metallurgical techniques. The only background they really need is a high school or college course in chemistry, and a high school diploma. Of course, a knowledge of mathematics and general science helps, but it isn't necessary.

Metallurgical techniques involves testing and analyzing metals that will go into planes, tanks, and guns for our soldiers. This job is vital to the war effort, and well-suited for women. A new course began yesterday.

Incendiary blonde is WAAC heroine

Margaret Vandemoortel, the former blonde at the Armour switchboard, and now a WAAC undergoing basic training at Drake University, has added fire extinguishing to her talents. The story was relayed to the TECHNOLOGY NEWS in a dispatch from the "Drake Times."

Marge and five other WAAC auxiliaries, members of the Fourth battalion, Fourteenth company, were returning to quarters about 11:30 p.m. when

Blanke to feature art at Cordon Club

Oil landscape paintings of Illinois and Michigan scenes, painted by Miss Elsa Blanke, assistant professor of applied arts at Illinois Institute of Technology, will be featured at an exhibit given by the Cordon Club throughout March. The display is open to the public.

In addition to her landscape scenes, Miss Blanke is also showing a number of her original water colors of flowers. These paintings portraying flowers in their natural habitat are representative of the work Miss Blanke has specialized in for the past few years. The water colors are on display with the oil paintings in the galleries of the Cordon Club at 410 South Michigan Avenue.

Miss Blanke, as a professional member of the Cordon, the Arts Club, the Chicago Galleries Association, and the Association of Chicago Painters and Sculptors, has participated in the original exhibits of these organizations for many seasons. She has also been a frequent contributor at the exhibits by Chicago artists at the Art Institute. In 1940 one of her paintings was purchased by the Commission for the Encouragement of Local Art.

they saw a child run into the street, shouting that his home was on fire. The parents were away, so the WAACs entered the house, called the fire department, checked the spread of the flames, and rescued three children.

"The women have just completed some training in fire drills and rescue work," said a lieutenant in the headquarters office, "and they knew just what to do and when to do it."

Expansion in Biology Department

by Marian Zenziper

This week TECHNOLOGY NEWS presents to the students the biology department of the west campus.

A great many additions have been made during the past year that have added greatly to the appeal of this department. New laboratories have been added to supplement the classwork in this advancing science. New equipment, such as the recently acquired high power microscopes, has made it possible for students to adjust themselves to the rapidly changing methods of research in this field. A new animal room has been completed. This makes it possible to house a larger number of animals than could previously have been done.

The animals which are available for teaching and research include rabbits, rats, hamsters,



(L to R) Grace Taglieri, Blanche Fried, and Isabella Winter making slides for Bacteriology.

In 1939, Edwin S. Cieslak came to the biology department. Last year he was on a leave of absence completing his doctorate degree at the University of Chicago on a Mary Sheldon fellowship. He received his bachelor of science degree at the University of Chicago in 1934, spent a year abroad on a travelling fellowship, completed his master of science at Northwestern University in 1938 where he was graduate instructor. Mr. Cieslak was associated with the Armour Research Foundation in 1941-42 and published the paper on the "Effects of Heat Drying upon the Periderm of Washed Potatoes." His doctorate research deals with the "Relations between the reproductive cycle



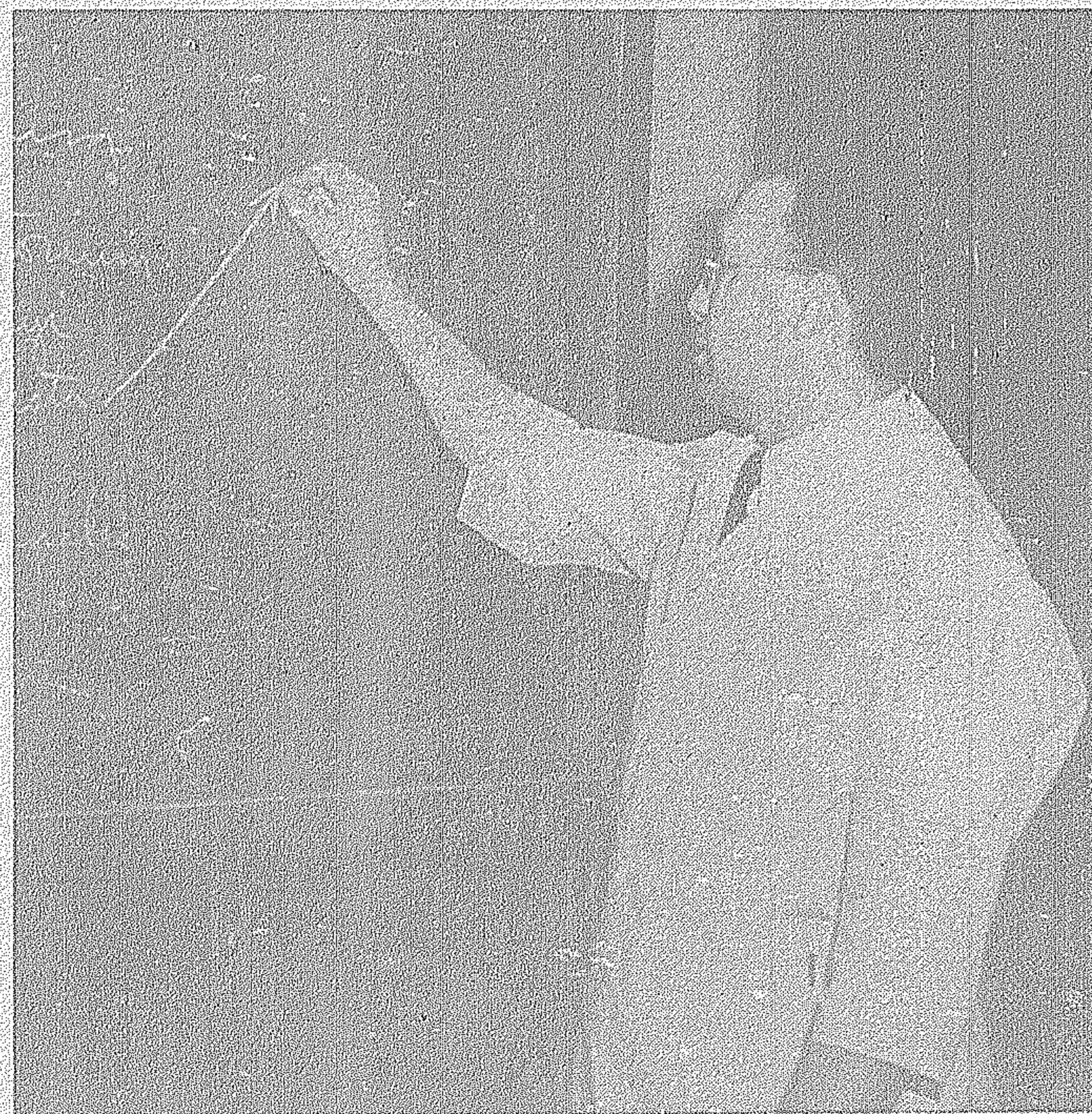
Norma Cooper (left) Marian Zenziper, and Robert Weiss at work in Comparative Anatomy.

guinea pigs, snakes, turtles, frogs, and mice. Rabbits are used for building antibodies, and for diagnostic purposes in pathogenic bacteriology.

This semester the department is conducting an ESMWT course in food dehydration at the John Marshall Law School, and it has proved very popular. Over 175 persons active in the food industry are enrolled. Two professors from the University of Wisconsin come to Chicago each Tuesday evening.

Courses offered by the department are suitable for pre-medical, pre-dental, and pre-laboratory technicians. Service courses for home bacteriology and food technology are also offered. Graduate courses are given in various phases of bacteriology and a master's degree may be obtained with a major in biology. A graduate fellowship in bacteriology is available in the department.

Dr. Leslie Hedrick is the head of this well managed department. Upon graduation from the University of Illinois, he received a major degree in chemistry and a minor in bacteriology and zoology. After this he was an assistant in chemistry and biology at Eureka College for three years. In 1929 he went to the University of Michigan, where he received his doctor's degree with major in parasitology and minors in bacteriology and pathology. His latest work has been an article in collaboration with Dr. M. Alden Countryman, of the physics department, entitled "Weather, in the Winter Home." He also has a number of publications on life histories of the parasite, and an article to be published shortly on "cercariae," some of which are known to cause bathers' itch.



Dr. Leslie R. Hedrick

The newest member of the department is Dr. Whitehill, who came to the institute in 1941. He received his bachelor of arts degree from Dartmouth where he was graduated Cum Laude and with highest distinction in botany. He was awarded the Cramer Fellowship in 1938 at Cornell and was a graduate instructor until the completion of his doctorate degree.

BOOKS and SUPPLIES FOR ALL I.I.T. STUDENTS

Mechanical Drawing Sets
Reference Books

College Joe on the Slide Rule

Complete Instruction Book on the use of the Slide Rule

35c

GREENWOOD'S BOOK STORE

1953 W. Madison Street

LEWIS INSTITUTE BLDG.

SEELEY 3453

OUR 28TH YEAR

Open evenings till 10:00 p.m.