

GENERAL SCIENCE

# Winners in Research

Many boys and girls selected in the first and second Science Talent Searches already in positions directly aiding the war effort.

► SCIENTIFICALLY talented boys and girls are making real contributions to the winning of the war through research in laboratories, in war plants and in the armed services.

These promising young people were selected in the first and second Science Talent Searches conducted in 1942 and 1943 among the high school seniors throughout the United States. Another group of potential scientists will be selected in the Third Annual Science Talent Search now in progress which will end December 27. The winners for 1944 will be announced in February. It is anticipated that at least 15,000 secondary school students will participate.

Here are a few of the war jobs filled by Science Talent Search winners:

Marina Prajmovsky of Farmingdale, N. Y., now a student at Radcliffe College, was the girl winner of the Westinghouse Grand Science Scholarship in the 1942 Science Talent Search. She has spent her long summer vacation working in the Naval Research Laboratory in Washington where she served as a chemical analyst. She was given samples of war materials and it was her task to discover their chemical content.

Paul Cranefield of Madison, Wis., worked this summer in the laboratory at the University of Wisconsin where research in war materials is carried on 24 hours per day. Paul is the only undergraduate allowed in this highly war-secret laboratory. He is one of those whose talent for chemistry was revealed by the Science Talent Search in 1942. The judges had a tough time convincing him that going to college would be well worth his time. His excellent record for his first year at the University of Wisconsin indicates that the judges were not wrong and that this country is going to have one more valuable chemist so essential for war or peace.

## Works For Physical Chemist

At Cornell University another 1942 winner, Wolf Karo, of Utica, N. Y., is employed in the laboratory of a physical chemist where he makes mathematical and other intricate calculations so neces-

sary that he has been draft-deferred to continue his work.

Herbert Halberstadt, a winner in 1942, commuted from his home in New Hyde Park, N. Y., to Bloomfield, N. J., this summer to work as a student engineer in the Lamp Division of the Westinghouse Electric and Manufacturing Company. The money he has been able to save from his salary will supplement his scholarships this fall at George Washington University where he is starting his sophomore year in engineering.

Julia Ann Wien, a winner in 1942 from Esterly, Pa., returned to Cedar Crest College for her second year after spending the summer as a chemist in the paint-testing laboratory of the Wilhelm Paint Company in Reading, Pa.

Robert Palombi, a 1943 winner, spent his vacation from St. Mary's College (Minn.) at Alexian Brothers Hospital in his home city, Chicago, as a student assistant in the clinical laboratory learning techniques that he will use in his career as a physician.

Evelyn Alice Pease, winner in 1942, spent her spare time last year as a half-time assistant in the Research Laboratory of Mead, Johnson Co. in her home town, Evansville, Ind., at the same time carrying a full scholastic schedule at Evansville College.

## Vacation As a Chemist

William Calhoun, of Glendale, Calif., a 1942 winner, finished his first year at the University of Redlands, and took a job for the vacation as a chemist at the Lockheed Plant in Burbank. This fall he hopes to go to college and continue his job too.

Judith Cassidy, a winner in 1943 from Irvington-on-Hudson, N. Y., worked this summer in the plastics laboratory of the Anaconda Wire and Cable Co. at Hastings, N. Y., where she learned more about koroseal and vinylite than she "ever expected to know." Working only 20 feet from laboratories where new products were being perfected she "acquired the odors, if not the formulae, of some interesting processes." This fall, entering Mt. Holyoke on a scholarship, she

will dry dishes once a day to do her share in the labor shortage.

Other winners contribute to the war by working in laboratories while they are still college students.

Hugo Korn who lives in Chicago and won a trip to Washington in 1942 is now in his first year at the Technological Institute of Northwestern University where he has been awarded a scholarship. He spent some time this summer working in a radium laboratory.

Arthur Ortenburger, Jr., 1943 winner from Norman, Okla., attends the University of Oklahoma where he helps to defray expenses by working as a student assistant in the department of animal biology.

At least 8 of the 80 winners are now in the Army being trained as meteorologists for the Air Forces, as laboratory technicians in the Medical Corps, and at colleges or technical schools in the ASTP.

## Ten Winners in Navy

Ten of the winners are in the Navy and are assigned to training in colleges, universities and technical schools under the V-12 program.

For all those now in governmental war services—and those who will enter later when they are old enough—the Westinghouse Science Scholarships are being held for their return to civilian life when all of them plan to continue their educations.

All those not in the armed services are now studying at colleges, universities and technical schools. By accelerated programs and summer school sessions they are attempting to finish their courses as rapidly as possible. For boys there is an urgency to finish as much as possible before going into active service. But the girls feel the need for hurrying too and are proud to report they can cut down time by passing proficiency exams, attending extra sessions, etc. All of them are hoping to be ready as soon as possible to do their share toward winning the war. All winners who have needed them have been successful in winning scholarships in addition to those awarded in the Science Talent Search. Many of them are financing their college careers entirely from their own awards and earnings.

Inquiries about the Science Talent Search or requests for entry blanks in the Third Annual Science Talent Search should be sent to Science Clubs of America, 1719 N Street, N. W., Washington 6, D. C.

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