

GENERAL SCIENCE

Science Talent Search Offers 20 Scholarships and 40 Trips

High School Seniors May Compete for Over \$12,000 In Science Scholarships and Washington Trips

ANATION-WIDE Science Talent Search among seniors of secondary schools will be conducted during May by Science Clubs of America, sponsored by Science Service. More than \$12,000 in Westinghouse science scholarships and trips to Washington will be awarded.

Announcements have been mailed to all high schools and science clubs this week announcing this important step toward uncovering and developing talent for our nation in war and peace.

Forty boys and girls can win all-expense trips to the nation's capital. Of these, one boy and one girl will be selected as winners of \$2,400 Westinghouse Grand Science Scholarships and eighteen more of the forty boys and girls will be selected to receive Westinghouse Science Scholarships of \$200 each. Every one of the 40 boys and girls will, when in Washington, be awarded the Gold Emblem of Science Clubs of America.

To Uncover Talent

A MAJOR need for America today is the discovery and development of scientific ability among boys and girls now in high school. Real ability for creative research and engineering is rare. Many who do not now have the opportunity to develop their scientific talents will be discovered and made available for America's future progress through this Science Talent Search.

This is more than a scholarship contest. It is a major step toward making available potential scientific talent to important tasks in war and peace. Within the next five years, either in war or peace, boys and girls now in high school must begin to take leadership in scientific research and engineering.

Sponsorship

THE SCIENCE Talent Search is conducted by Science Service, 1719 N St., N. W., Washington, D. C., as one of the activities of Science Clubs of America. Science Service selects the judges who make the awards. Awards are pro-

vided and the Science Talent Search made financially possible by the Westinghouse Electric & Manufacturing Company, a leader in scientific research, engineering and manufacture in the electrical industry, as a contribution to the advancement of science in America.

Science Clubs of America, sponsored by Science Service, is the nation-wide organization binding together science groups, in schools and out.

Objectives

TO DISCOVER and foster the education of boys and girls whose scientific skill, talent and ability indicate potential creative originality and warrant award

of scholarships for their development.

To focus the attention of large numbers of scientifically gifted youth on the need for perfecting scientific and research skill and knowledge so that they can increase their capacity for contributing to the task of winning the war and the peace to follow.

To help make the American public aware of the role of science in war and in the post-war reconstruction.

In the National Interest

WE MUST all understand the usefulness of science in war, as well as in peaceful living. Science is backing our total war effort for Victory. To emphasize the place of science in war, the essay subject of the Science Talent Search is "How Science Can Help Win the War." Here is a chance for creative thinking and doing. As a consequence, some promising ideas may be turned over to the government's fighting forces. Every contestant should, therefore, give his or her best thought to this important problem.

Science News Letter, April 25, 1942



AIRACOBRA

This Army fighter, the Bell P-39D, has the heaviest cannon carried by any single-seater fighter. It is powered by an Allison V-type liquid-cooled engine submerged behind the pilot's compartment, as the exhaust stacks indicate. The engine is connected to the hollow-hub propeller by a 10-foot drive shaft. The object which looks like a bomb beneath the plane is a belly tank to augment the normal fuel supply. This streamlined tank, when emptied, can be dropped in flight.