

GENERAL SCIENCE

Talent Search Underway

To find the 40 high school seniors most likely to succeed in science careers, the Sixteenth Annual Science Talent Search is now launched. Closing date is Dec. 27.

► A NATION-WIDE search is now under way to find the 40 most promising science-minded high school seniors in the country.

The Sixteenth Annual Science Talent Search was launched with an invitation to seniors in 27,000 public, private and parochial schools throughout continental U.S.A.

They will have the opportunity to compete for a five-day visit to Washington and \$11,000 in Westinghouse Science Scholarships. Valuable honorable mention status will go to 260 others. The results of the Search will reveal who among this year's seniors will be the nation's leading scientists of the future, and will stimulate others to undertake scientific training.

The Science Talent Search is conducted by SCIENCE SERVICE and supported by the Westinghouse Educational Foundation. Watson Davis, director of SCIENCE SERVICE, in announcing this year's Search, called attention to the growing shortage of scientists and engineers, a shortage that hampers the nation's industrial and defense programs.

Principals and science teachers in secondary schools throughout the country are now receiving instructions on "How You Can Search for Science Talent." They will learn how to recognize science talent among their students and to encourage those students to enter the Sixteenth Annual Science Talent Search.

Materials Sent Soon

They will send for, and after Nov. 15 receive, about 25,000 sets of entry materials, so qualifying seniors can enter the competition for the trips and \$11,000 in scholarships. The thousands of seniors will comply with all requirements for entry in their own schools.

From the 25,000 entries, it is estimated about 4,000 will complete all entry requirements. Of these, 40 will be named as national winners and will receive five-day, all-expense-paid trips to Washington, to attend the Annual Science Talent Institute.

Another 260 will be named for honorable mention. All 300 will be recommended to colleges, universities and technical schools of their own choice.

As in the past, it is expected all will receive offers of financial assistance for college education from other sources on the basis of this honor. Many of the 40 winners of 1956 were offered as much as \$30,000 in scholarships.

To comply with entry rules, each contestant must take a two-and-one-half-hour science aptitude examination in his own school, submit personal and scholastic rec-

ords, and write a report of about 1,000 words on "My Scientific Project." The examination may be taken between Dec. 3 and Dec. 27.

All entries must be in the offices of SCIENCE SERVICE by midnight, Thursday, Dec. 27, when the competition closes.

Winners and honorable mentions will be announced late in January, 1957, and the 40 winners will come to Washington, D. C., from March 7-11, 1957.

After five days of meeting the nation's outstanding scientists, of learning about the latest developments in science and of visiting places of historic and scientific interest, the winners will receive scholarships ranging in size from \$100 to \$2,800.

How well the Science Talent Search has been able to replenish the much needed supply of scientists is illustrated by a survey of the present careers of the 600 young men and women (from 15 to 33 years of age) chosen in the first 15 years (1942-56) of the

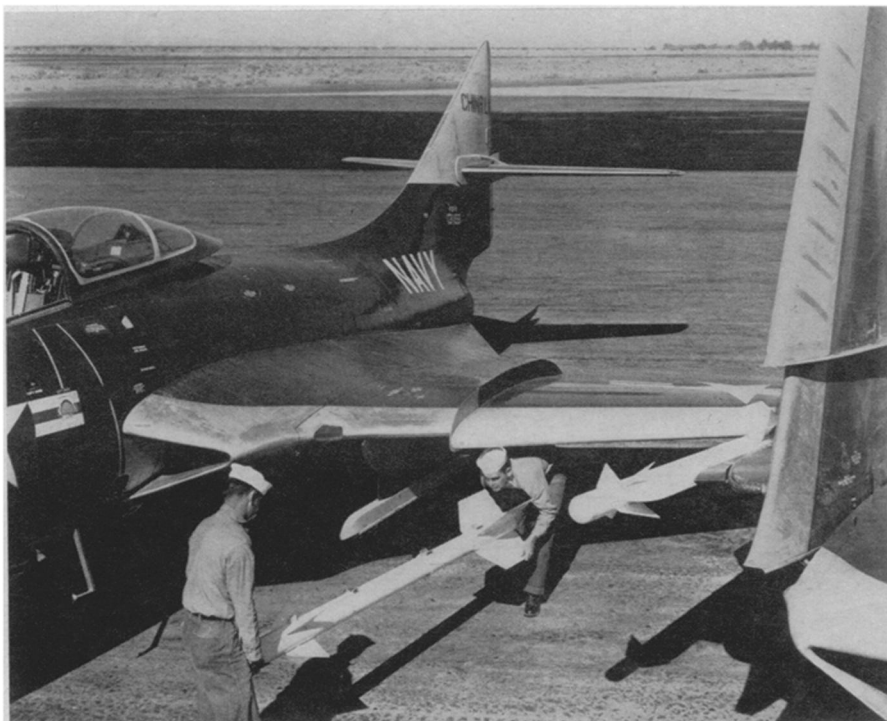
Search: All are in or have attended college. With very few exceptions, they advance to a bachelor's degree, and more than 50% of those old enough already have a doctor's degree.

Colleges Are First Choice

Careers as teachers and researchers in colleges and universities rank first in choice. Industry has taken the second largest number of the winners now working full time. The highest reported salary is more than \$13,000. A smaller number are in Government employment. Those self-employed are relatively few—most of them physicians in private practice.

Service in World War II cut in heavily on the time of the winners from 1942-45 and consequently delayed the careers of most of the men in those years. Winners of later years have been fortunate in receiving draft deferments in order to continue their education. Of the men now serving in the armed forces, most are serving in the line of their completed training.

Many of the women who have been named winners in the 15 years of the STS



"SIDEWINDER" MISSILE — A lightweight but deadly air-to-air guided missile is the "Sidewinder," now being produced for the Navy Department by Philco Corporation. The name is derived from the term commonly used in the Southwest for particularly vicious rattlesnakes. Small and light enough to be carried in quantity by single-seat interceptors, the missile may be fired singly or in salvos. It will also be used by the Air Force.