

## EDUCATION

# Talent Search Winners

Twelve girls, 28 boys are awarded trips to Washington to attend Science Talent Institute. One boy and one girl to receive \$2,400 grand scholarships.

► TWELVE GIRLS and 28 boys have been invited to Washington, March 3 through March 7, to compete for the Westinghouse Science Scholarships in the Third Annual Science Talent Search conducted by Science Clubs of America, administered by Science Service. They will spend five days together at the Science Talent Institute in Washington.

The names of the trip winners were announced by the judges as the result of a strenuous competition in which superior seniors of all secondary schools in the United States were invited to participate. The 40 winners were selected from about 15,000 entrants. About 3,000 of these students completed a science aptitude examination, submitted recommendations and scholarship records and wrote an essay on "My Scientific Project."

The trip winners come from 33 localities in 15 states and the District of Columbia. Entries were received from every state in the union.

Those who come to Washington for the Science Talent Institute in March on the all-expense trips, will compete for scholarships which will allow them to go to any college, university or technical school of their own selection to continue science or engineering training. One boy and one girl will be awarded \$2,400 Westinghouse Grand Science Scholarships (\$600 a year for four years), while 6 boys and 2 girls will be awarded \$400 Westinghouse Science Scholarships (\$100 a year for four years), and \$3,000 more in Westinghouse Science Scholarships will be awarded at the discretion of the judges.

Selected without regard to geographic consideration, the results show that this year winners come from some states that have not had winners before. Alabama, Arizona, Georgia, and the District of Columbia have winners this year for the first time.

Only two schools in the United States have produced more than one winner this year. They are: Brighton High School, Rochester, N. Y., and the Bronx High School of Science, Bronx, N. Y. Each of these schools will send

two winners to the Science Talent Institute.

Eight schools have had winners in other years and have been able to place winners again this year. They are: Phillips Exeter Academy, Exeter, N. H.; Brooklyn Technical High School, Brooklyn, N. Y.; Bronx High School of Science, Bronx, N. Y.; Walton High School, Bronx, N. Y.; Garden City High School, Garden City, N. Y.; Rome Free Academy, Rome, N. Y.; Taylor Allderidge High School, Pittsburgh, Pa., and West High School, Madison, Wis.

Washington, D. C., Brooklyn, N. Y., New York, N. Y., Rochester, N. Y., Philadelphia, Pa., and Madison, Wis. will send two or more winners each but except in two cases they are not from the same high school within the city.

Most of the winners live at home and

attend their local public or parochial high school. Five, however, are enrolled in private schools and three go to school some distance from their homes. Their homes are in Cleveland Heights, Ohio, New York, N. Y. and Columbus, Ohio.

More than half, 68% or 27 of the 40, of the Science Talent Search trip winners ranked first or second in their graduating classes.

Twenty-eight of the winners are members of science clubs and at least seven of them are presidents of their clubs.

Many of the trip winners already have chosen their field. Their choices range from naval architecture to biochemistry. Eleven hope to do research in the fields of biology, chemistry, medicine or physics. Three hope to be electronic engineers. Two hope to be theoretical chemists and one a mathematical physicist. Radio and chemical engineering and medicine are choices of careers for four others.

The proportion of boys and girls who submitted completed entries in the Science Talent Search determined the distribution of boys and girls among the trips awarded. Girls accounted for 31% of the entries this (Turn to page 76)



**MOVIE CAMERA**—This instrument, called a phototheodolite, was designed to facilitate the testing of airplanes during take-offs, landings, dives and other maneuvers involving a knowledge of flight path, altitude and velocity. The camera photographs the airplane, a time counter, and elevation and azimuth angle scales simultaneously. The operator's assistant, at the right, maintains contact with the airplane by radio. This is an official photograph of the National Advisory Committee for Aeronautics.