

GENERAL SCIENCE

21st Science Talent Search

The top young scientists in their senior high school year have been chosen as the Honors Group for the 21st Science Talent Search. Of 3,559 completed entries, 356 won this honor.

► THE MOST TALENTED young scientists in the 1962 high school graduating classes have been announced.

The 356 students in towns and villages scattered across the country have received letters of congratulations with the news that they have won a place in the Honors Group of the 21st Science Talent Search for the Westinghouse Science Scholarships and Awards, conducted annually by Science Clubs of America as an activity of SCIENCE SERVICE.

A total of 3,559 students completed all entry requirements before the deadline at midnight, Dec. 27, and thus were qualified for judging in the Science Talent Search. Ten percent of these entrants were selected as members of the Honors Group.

The 356 students receiving honors are 15 to 18 years old and go to school in 241 communities in 42 states and the District of Columbia. Their principals rank them very high in their graduating classes, with 71% of the boys and 83% of the girls in the top five percent and with the rank of first, second or third being given to at least 27% of the boys and 49% of the girls.

The outstanding student-scientists include 89 girls and 267 boys, with the ratio of girls among the members of the Honors Group determined each year by the number of girls who complete entries. All of the group will be recommended for admission and scholarship awards to the nation's colleges and universities.

Many of the Honors Group will receive further recognition in state Science Talent Searches conducted on a local level as part of the national Search.

Already at work on a great assortment of new ideas, these novice scientists may be very accurate prophets of the world of the future. The project papers they submitted as part of the stiff entrance requirements of the Science Talent Search are dramatic evidence of the scope and depth of their interest and ability.

Career preference of 108 of the 267 boys in the Honors Group is in physics while biology leads in feminine interest for 35 of the 89 girls. The other 159 boys divided their interest with 57 in chemistry, 48 in biology, 26 in mathematics and 28 are undecided as to which scientific fields they will choose. Of the remaining 54 girls, career choices are 23 in chemistry, 11 in physics, five in mathematics and 15 undecided.

All of these young scientists have been active in extra-curricular activities. Interest in science has been expanded by 282 through their science club activities and 278 in science fair participation.

Anyone may have a copy of a booklet containing the names of the Honors Group by sending a long, self-addressed envelope bearing an 8¢ stamp to Science Clubs of America, 1719 N Street, N.W., Washington 6, D. C.

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Dr. Davis added that "those who have won recognition in the previous national Science Talent Searches are already playing an important role in the scientific and technical work of the world and those who are selected this year will undoubtedly make similar contributions."

Eleven students are looking forward to careers in physics, six in biological sciences. Five each are planning toward science and mathematics teaching and chemistry. Interdisciplinary research and medicine interest four each. Mathematics is the planned future of two and three are undecided as to the field of science they will choose.

Sixteen schools have placed winners more than once over the years.

The grand totals recorded for the schools that placed additional winners this year show Bronx High School of Science, New York, at the top of the list with 25 winners in the 21 years of the Science Talent Search for the Westinghouse Science Scholarships and Awards. Another New York school, Erasmus Hall High School, is second, having recorded 23 winners in the 21 years.

Evanston Township High School, Evanston, Ill., is third on this year's honor roll with a total of 16 winners.

Columbus High School, Marshfield, Wis., is fourth on this year's honor roll with a total of 7 winners.

Four new winners this year increase the grand total of Coral Gables High School, Coral Gables, Fla., to 6.

West High School, Phoenix, Ariz., Dorsey High School, Los Angeles, Calif., and Jamaica High School, Jamaica, N. Y., are tied with four winners each.

Three each are on record for Rome Free Academy, Rome, N. Y., and Central High School, Philadelphia, Pa.

Placing winners for the second time are Melbourne High School, Melbourne, Fla.; Greenville High School, Greenville, Ill.; Revere High School, Revere, Mass.; Bayside High School, Bayside, N. Y.; Martin Van Buren High School, Queens Village, N. Y.; and Mariemont High School, Cincinnati, Ohio.

Fourteen schools that have placed winners in the Search for the first time are: Nathaniel Narbonne High School, Harbor City, Calif.; Palm Springs High School, Palm Springs, Calif.; DeAnza High School, Richmond, Calif.; Pacific High School, San Bernardino, Calif.; Community College High School Division, Independence, Kansas; B. M. C. Durfee High School, Fall River, Mass.; Thomas Jefferson High School, Brooklyn, N. Y.; Central School, Schroom Lake, N. Y.; Amherst Central Senior High School, Snyder, N. Y.; Elyria Catholic High School, Elyria, Ohio; Valley Country Day School, Maumee, Ohio; Benton Township High School, Fleetville, Pa.; Mercedes High School, Mercedes, Texas; and Fort Vancouver High School, Vancouver, Wash.

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Top Winners Named

► FORTY TALENTED high school seniors, chosen from an original field of 23,768 students as the "nation's most promising future scientists," were named national winners Jan. 31 in the 21st Annual Science Talent Search.

Ten girls and 30 boys have been awarded all-expense trips to Washington, where they will compete for \$34,250 in Westinghouse scholarships and awards during a five-day Science Talent Institute in Washington, D. C., March 1 through March 5.

Notification of the winners was sent by Dr. Watson Davis, director of SCIENCE SERVICE, to secondary schools throughout the country. The winners were chosen on the basis of a comprehensive science aptitude test, personal data by students and teachers, scholastic records and reports on their individual science projects.

Now in its 21st year, the Science Talent Search has awarded over \$313,000 to 800

young scientists since its inception in 1942. The program, conducted by SCIENCE SERVICE through its Science Clubs of America, is financed by the Westinghouse Educational Foundation which is supported by the Westinghouse Electric Corporation.

Twelve states are represented by winners in the 21st Search. New York continued to lead all other states, contributing 12 boys and two girls as winners.

Florida and California claim five winners each this year, and Ohio and Pennsylvania, three each. Arizona, Illinois and Massachusetts each provided two winners. Others are from Kansas, Texas, Washington and Wisconsin. The 40 national winners were chosen from an Honors Group of 356 contestants.

In announcing this year's Search winners, Dr. Davis points out that "new basic scientific knowledge is needed to accelerate the pace of technology and give greater impetus to man's conquest of the unknown."