

## GENERAL SCIENCE

# 22nd Science Talent Search

**327 talented science students in their senior year at high school have been selected for the Honors Group of the 22nd Science Talent Search out of 3,274 completed entries.**

► **THE MOST TALENTED** high school science students in the 1963 graduating classes have been announced in Washington, D. C.

The 327 students in towns and villages scattered from Maine to Hawaii have received letters of congratulations with the news that they have won a place in the Honors Group of the 22nd Science Talent Search for the Westinghouse Science Scholarships and Awards.

The Search is conducted annually by Science Clubs of America, a SCIENCE SERVICE activity.

The scholarships and the operation of the Search are supported by the Westinghouse Educational Foundation of the Westinghouse Electric Corporation.

A total of 3,274 students completed all entry requirements before the deadline at midnight, Dec. 27, and thus were qualified for judging in the Science Talent Search. Ten per cent of these entrants were selected as members of the Honors Group.

The 327 students receiving honors are 15 to 18 years old and go to school in 189 communities in 38 states and the District of Columbia. Their principals rank them very high in their graduating classes, with 66% of the boys and 72% of the girls in the top five per cent and with the rank of first, second or third being given to at least 38% of the boys and 42% of the girls.

The outstanding student-scientists include 76 girls and 251 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 scholar-

ship 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 preferences of the group cover the entire range of science from aeronautical engineering to zoology. First choice of the group is the medical sciences, chosen by 57 of the 327 Honors Group members. Education comes next, with 48 planning to teach at high school or college level, while 47 plan to concentrate on physics, and 37 intend to become biologists.

The picture is somewhat different for boys and girls. Physics is first choice of 45 of the 251 boys, with 43 heading to the medical sciences. Chemistry claims 25 boys, while math and engineering follow closely with 23 each.

Education is first choice of 18 girls of the 76 in the Honors Group, followed closely by biology with 16, the medical sciences with 14, and biochemistry with 9.

These young scientists have been active in a variety of extracurricular activities. Interest in science has been expanded by 279 of the 327 through science club activities, and 275 through science fair participation.

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## Forty Winners Named

► **THE 40 MOST** promising student-scientists among the nation's high school seniors were named winners in the 22nd annual Science Talent Search at Washington, D. C., on Jan. 30.

The winners were chosen from 3,274 completely qualified entrants and were judged best among the Honors Group of 327. The winners, nine girls and 31 boys, have been invited to Washington to attend the Science Talent Institute, a five-day, all-expenses-paid session, Feb. 27 through March 4.

During the Institute the 40 will be judged for \$34,250 in Westinghouse Science Scholarships and Awards in the final phase of the Science Talent Search. They will also tour scientific facilities and meet leading scientists in the nation's capital.

The winners come from 35 schools in 33 communities in 19 states and the District of Columbia. Among the winners, Hawaii is represented for the first time.

Thirty-two of the 40 rank in the top 5% of their graduating classes, which range in size from 28 to 1,703. With the school year only half over, 23 of the 40 are already ranked first, second, or third in their classes.

Two schools have more than one winner this year. They both are in New York City: the Bronx High School of Science, with four winners, and Erasmus Hall High School, in Brooklyn, with three.

Fourteen of the 35 schools in this year's Search have placed winners in previous years, and are to be commended for encour-

aging and supporting these top level students and making it possible for them to gain this honor and recognition.

Grand totals for the schools placing additional winners this year show the Bronx High School of Science at the top of the list with 29 winners in the 22 years of the Science Talent Search, with Erasmus Hall High School in second place with 26. Stuyvesant High School, also in New York City, is third, having had 22 winners over the years, while Jamaica High School, Jamaica, N. Y., is fourth with five winners.

Four schools tie for fifth place with four winners each. These are: North High School, Phoenix, Ariz.; Coral Gables Senior High School, Coral Gables, Fla.; Newton High School, Newtonville, Mass.; and Phillips Exeter Academy, Exeter, N. H.

Three winners have been claimed by Lourdes Academy, Cleveland, and Wakefield High School, Arlington, Va.

Those schools placing winners for the second time are Teaneck High School, Teaneck, N. J., and North Quincy High School, North Quincy, Mass.

Twenty-one schools have placed winners in the Search for the first time. These include the schools of all five of the California winners, Marymount High School, Palos Verdes Estates; Pasadena High School, Pasadena; Eisenhower High School, Rialto; Lowell High School, San Francisco; and Del Mar High School in San Jose.

The other new schools are: Roger Ludlowe High School, Fairfield, Conn.; Woodward School for Boys, Washington, D. C.; Martin County High School, Stuart, Fla.; Daniel C. O'Keefe High School and Henry Grady High School, both of Atlanta, Ga.; Roosevelt High School, Honolulu, Hawaii; Tilden Technical High School, Chicago, Ill.; Shawnee-Mission East High School, Prairie Village, Kansas; and two Massachusetts schools, Wachusett Regional High School in Holden and Holyoke Catholic High School in Holyoke.

Also Madison High School, Madison, N. J.; Islip High School, Islip, N. Y.; Harding High School, Oklahoma City, Okla.; South Salem High School, Salem, Oregon; Bothell High School, Bothell, Wash.; and Ballard High School in Seattle, Wash.

Requests for aptitude examinations and other entry materials for the Science Talent Search totaled 22,477. Of these 3,274 were fully qualified entries. Requirements included taking the Science Aptitude Examination, submission of school records and faculty recommendations and writing a research report on an individual science project.

For a copy of the honors and winners lists of the Science Talent Search, send a self-addressed long envelope, 10 cents stamped, to SCIENCE SERVICE, 1719 N Street, N.W., Washington 6, D. C.

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