

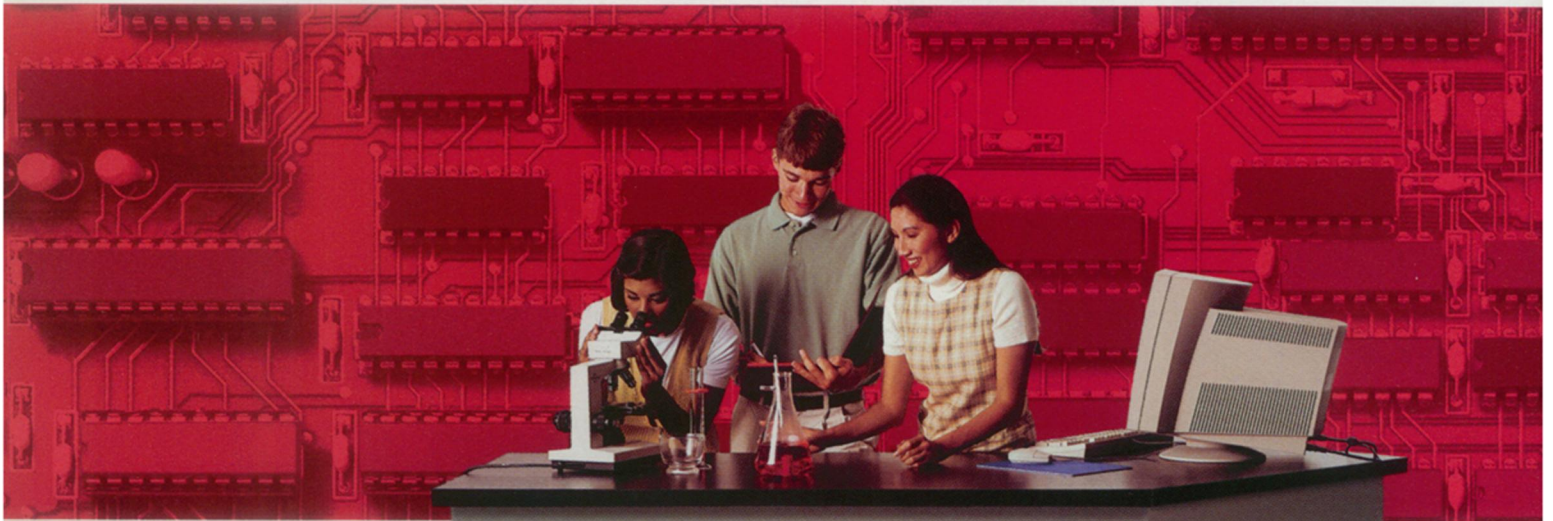
The Weekly Newsmagazine of Science

SCIENCE NEWS

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Quasicrystal Tiling

Microprocessors aren't the only brains we develop.



At Intel, we're devoted to the development of young minds as well as technology. Which is why we support valuable programs that help students develop math, science and engineering skills. The International Science and Engineering Fair builds tomorrow's leaders by giving students opportunities to find innovative solutions through applied science.

We are proud to be a major ISEF sponsor and we encourage students and educators from around the world to participate.



56th Annual Westinghouse Science Talent Search



\$205,000 in scholarships will be awarded to high school seniors in the 56th Annual Westinghouse Science Talent Search for research projects in science, mathematics, and engineering

One	\$40,000 scholarship	(\$10,000 per year for 4 years)
One	\$30,000 scholarship	(\$7,500 per year for 4 years)
One	\$20,000 scholarship	(\$5,000 per year for 4 years)
Three	\$15,000 scholarships	(\$3,750 per year for 4 years)
Four	\$10,000 scholarships	(\$2,500 per year for 4 years)
Thirty	\$1,000 scholarships	(payable upon matriculation)

Basic Requirements — Entrants must be high school seniors during the 1996-97 school year. Primary emphasis is placed on a written report of an independent research project in the physical sciences, behavioral and social sciences, engineering, mathematics, or biological sciences (excluding live vertebrate experimentation). The research project must be the work of a single individual. Group projects are not eligible. An Entry Form, designed to elicit evidence of creativity and interest in science, is also required, along with an official high school transcript, available standardized test scores, and statements and recommendations from teachers and/or supervising scientists.

Important Note — Sons and daughters of, (1) employees of Science Service Inc., (2) employees of Westinghouse Electric Corporation and their affiliates and subsidiaries, and (3) evaluators of the Westinghouse Science Talent Search are not eligible to enter the Science Talent Search.

Selection of Winners — Three hundred Semifinalists are selected from entries received (usually about 1,800) after careful evaluation by a team of 40 evaluators and judges specializing in a variety of scientific disciplines. Forty Finalists are then selected from the Semifinalists and invited to Washington, D.C., in March 1997, for final judging by a board of 10 distinguished scientists.

The Rewards — The 300 Semifinalists benefit in the following ways: (1) recommendations to colleges and universities for admission and financial assistance, (2) certificates of achievement for students and teachers, (3) a sense of accomplishment and a measure of self-esteem that comes from finishing a difficult assignment. The 40 Finalists, selected from the Semifinalists, are also awarded a trip to Washington, D.C., for the six-day, all-expenses-paid Science Talent Institute for final judging and a chance to share \$205,000 in scholarships.

Sponsors — Since its inception in 1942, the Science Talent Search has been funded by Westinghouse Electric Corporation and administered by Science Service, a Washington, D.C.-based nonprofit organization.

Deadline —

November 29, 1996

**Entries for the 56th Annual Westinghouse
Science Talent Search
(1996-97 school year)**

Entries must be received by 11:59 p.m. on Friday, November 29, 1996, at Science Service, 1719 N Street, N.W., Washington, D.C. 20036. Late entries will be accepted ONLY if the judging process has not been completed and if (1) entries were metered in a U.S. Post Office by November 15, 1996, or (2) entries were sent by a carrier that guaranteed delivery in writing by the midnight deadline. Entries may NOT be sent by telefax.

We strongly recommend entering early to avoid delivery delays. NOTE: The U.S. Postal Service's Registered or Certified Mail is for tracking purposes only, and is NOT the same as an overnight mail service/courier. Priority mail DOES NOT GUARANTEE IN WRITING delivery in two days.

NOW AVAILABLE

SEEKING — and Finding —
SCIENCE TALENT

***A 50-Year History of the
Westinghouse Science Talent Search***

Author Tom K. Phares provides a comprehensive history of the Westinghouse Science Talent Search from its inception in 1942. Entertaining prose leads you from the meeting of the two founders of the STS at the World's Fair in 1939 to the accomplishments of past winners — five of whom have gone on to become Nobel Laureates; to the dedicated individuals behind the winners; through the arduous judging and evaluation process; to the educational opportunities that open up to STS finalists. Also included as appendices in this informative review are a list of the finalists' names from 1942 to 1990, lists of major honors received by former winners, and a list of the 32 high schools that have produced the most winners. (Published by Westinghouse Electric Corporation, 1990; paperback; 122pp.)

To obtain a copy, send \$3 (to cover postage and handling) to STS History, Science Service, 1719 N Street, NW, Washington, DC 20036.

WRITE, CALL, OR E-MAIL FOR MORE INFORMATION, OFFICIAL RULES, AND ENTRY FORM

**WESTINGHOUSE SCIENCE TALENT SEARCH, c/o SCIENCE SERVICE, DEPT. STS, 1719 N STREET, NW, WASHINGTON, DC 20036
(TELEPHONE: 202/785-2255) E-MAIL: youth@scisvc.org HOME PAGE, WESTINGHOUSE: <http://www.westinghouse.com>**