Intel Science Talent Search Welcomes America's Best To The Nation's Capital For Prestigious Science Competition

Top Young Scientists in Washington DC for 58th Science Talent Institute Including Activities, Final Judging and Awards

WASHINGTON, D.C., March 3, 1999 - Science Service and Intel Corporation today welcomed 40 Finalists from around the country to the Science Talent Institute (STI), the final phase of the Intel Science Talent Search (Intel STS), America's oldest and most highly regarded pre-college science competition and formerly sponsored by Westinghouse.

This final week includes a variety of activities and final judging, a rigorous round of interviews with top scientists and experts from a variety of different scientific disciplines. Students will create individual Intel STS web sites to reflect their personal experiences during STI at www.intel.com/education/sts. Winners will be announced Monday, March 8 at 9:30 p.m. EST.

Ranging in age from 14 to 18, this year's Finalists defy the stereotypes often associated with accomplished high school math and science students. The Finalists include:

- A young ballerina and field hockey player from New York examined the effect of cadmium, a potentially lethal heavy metal found in cigarettes and household items, on human brain cells. Her work may advance the understanding of Alzheimer's disease.
- An Iowa teen discovered a new parasite control for honeybees that is not only in the process of being patented but also may save the future of her family's honeybee colony business.
- A Pennsylvania Homecoming King and weightlifter investigated how elevated concentrations of zinc and a pesticide could kill off the African Clawed Frog - a potential indicator of an ecological crisis.
- A Maryland student combined his enthusiasm for baseball with his mathematical skills to investigate whether a baseball player's future batting average can be predicted.
- A New York teen, inspired by her family structure, analyzed the effects of the relationships between in-home fathers and their adolescent daughters.

Finalists are competing for scholarships totaling $330,000. The top prize will be a $50,000 college scholarship; the second-prize winner receives a $40,000 scholarship

and the third-prize winner receives a $30,000 scholarship. Fourth- through sixth-prize winners receive $20,000 each; seventh- through 10th-prize winners each receive $15,000. The other 30 Finalists each receive a $3,000 scholarship award. Additionally, students gain national recognition and visibility at some of America's top universities.

Activities This Week
During the Science Talent Institute, students will join Nobel Laureates, Intel executives and representatives from agencies such as the National Academy of Sciences and the National Institute of Health at a variety of venues. Events include:

- Wednesday, March 3, 5 p.m. EST
  CONGRESSIONAL RECEPTION sponsored by Abbott Labs. Finalists meet and share ideas with their government representatives.
  Location: Russell Senate Building.
- Thursday, March 4 and Friday, March 5
  FINAL JUDGING
  Closed door judging by panel of top scientists.
- Friday, March 5 , 6 p.m. EST
  DINNER AT NATIONAL ACADEMY OF SCIENCES
  Keynote speech by Ted Hoff, Intel co-inventor of the first microprocessor introduced in the market in 1971 and former STS Finalists.
  Location: National Academy of Sciences.
- Saturday, March 6 and Sunday, March 7, 12 - 4 p.m. EST
  PUBLIC EXHIBITION of Intel STS Finalists Projects.
  Finalists' opportunity to display and explain their research.
  Location: National Academy of Sciences.
- Monday, March 8 , 1999, 7 p.m. EST
  RECEPTION sponsored by Nasdaq-Amex Market Group and GRAND AWARDS CEREMONY.
  Craig Barrett, STS alumni and Nobel Laureate Dr. Dudley Herschbach scheduled to speak and present awards.
  Location: Mayflower Hotel, Grand Ballroom.
  Press registration begins at 8:30 p.m. EST.
  Photo opportunity immediately following the awards ceremony in the State Room.

Intel Science Talent Search Background
Participation in the Science Talent Search has often served as a precursor to impressive accomplishments in the field of science. Statistics show that 95 percent of former STS winners have pursued a branch of science as their major field of study. More than 70 percent have gone on to earn Ph.D.s or M.D.s. Five of the former Finalists have won Nobel Prizes, two have earned Fields Medals, the highest mathematics award. Other Finalists have earned honors including Sloan Research Fellowships and MacArthur Foundation Fellowships. Many have been elected to the National Academy of Sciences or the National Academy of Engineering.

While safeguarding the traditions and heritage that have made the Science Talent Search such a prestigious competition, Intel is working closely with Science Service, the administrator of the STS since its inception, to increase the number of high school students and teachers involved, increase public awareness of the program, and infuse computer and Internet technology into the program as it moves into the 21st century.

Science Service is a nonprofit organization based in Washington, D.C., that has promoted public understanding and appreciation of science through publications, outreach programs and science education programs, including the Intel Science Talent Search and the Intel International Science and Engineering Fair, for over 75 years. For more information on Science Service, the Intel Science Talent Search or to view Finalists' personal Web pages, visit www.sciserv.org.

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