



Innovation Shines at Intel International Science and Engineering Fair

The Intel International Science and Engineering Fair, a program of Society for Science & the Public, is the world's largest high school science research competition. Through a global network of local, regional and national science fairs, millions of students around the world are encouraged to explore their curiosity of how the world works and develop solutions for global challenges. Each May, a group of these students is selected as finalists and offered the opportunity to compete for more than US\$4 million in awards and scholarships.

Society for Science & the Public, a nonprofit organization dedicated to public engagement in scientific research and education, owns and has administered the International Science and Engineering Fair since its inception in 1950. Intel has sponsored the Intel International Science and Engineering Fair since 1997 because Intel believes that fostering a passion for math and science in today's youth is imperative for the global economy and the future of innovation.

Intel International Science and Engineering Fair 2013

In 2013, approximately 1,600 young scientists from around the world will gather in Phoenix, Ariz. from May 12-17 for the final competition. They were selected from 433 affiliate fairs in more than 70 countries, regions and territories.

All finalists are selected by an affiliated, local competition and receive an all-expenses-paid trip to the Intel International Science and Engineering Fair. At the competition, finalists are judged by hundreds of science, engineering and industry professionals who have a Ph.D. or equivalent (6 years of related professional experience) in one of the scientific disciplines below.

Finalists' projects tackle challenging scientific questions that address some of today's most pressing global issues. Projects represent a wide range of scientific disciplines and are judged in the following 17 categories:

Animal Sciences	Earth & Planetary Science	Mathematical Sciences
Behavioral & Social Sciences	Energy & Transportation	Medicine & Health
Biochemistry	Engineering: Electrical & Mechanical	Microbiology
Cellular & Molecular Biology	Engineering: Materials & Bioengineering	Physics & Astronomy
Chemistry	Environmental Management	Plant Sciences
Computer Science	Environmental Science	

Intel International Science and Engineering Fair Awards

The top research project in the competition will receive the Gordon E. Moore Award - a US\$75,000 grand prize from the Intel Foundation, given in honor of the Intel co-founder and fellow scientist. Two additional research projects will receive Intel Foundation Young Scientist Awards of US\$50,000.

Additional prizes, funded by the Intel Foundation with support from dozens of corporate, academic, government and science-focused sponsors, will be awarded to more than 600 other projects. Those awards include:

- **Best of Category**
A top winner in each of the 17 categories receives a US\$5,000 award from the Intel Foundation. The winners' schools and the affiliate fairs they represent also receive US\$1,000 grants each. Best of Category winners become eligible for the Gordon E. Moore and Intel Foundation Young Scientist Awards.
- **Grand Awards**
The Intel Foundation provides Grand Awards for first, second, third and fourth places in each category. Awards are US\$3,000, US\$1,500, US\$1,000 and US\$500, respectively.
- **Dudley R. Herschbach SIYSS Award**
Three finalists receive an all-expenses-paid trip to the Stockholm International Youth Science Seminar, which includes attendance at the Nobel Prize ceremonies in Stockholm, Sweden. Dudley Herschbach won the 1986 Nobel Prize in chemistry.
- **CERN, the European Organization for Nuclear Research**
Twelve finalists are selected for an all-expenses-paid trip to CERN to meet with researchers, see the experiments - including the world's largest accelerator - and enjoy Geneva, Switzerland.
- **European Union Contest for Young Scientists**
Recipients win an all-expenses-paid trip to the European Union Contest for Young Scientists, which is located in a different city each year.
- **United States Environmental Protection Agency**
The U.S. Environmental Protection Agency recognizes one student, whose work demonstrates a commitment to environmental sustainability and stewardship, with the Patrick H. Hurd Sustainability Award.
- **Drexel University**
Drexel University will award eight full scholarships to students whose projects match Drexel's curriculum.
- **Alcoa**
Alcoa will select six winners in two categories. The winning students will split US\$10,000 from Alcoa Foundation for their impressive innovations in sustainable electric power savings or the use of metals.
- **American Chemical Society**
The American Chemical Society will offer the first- through fourth-place winners awards to support high school students in their exploration of the chemical sciences through research experiences.
- **Arizona State University Rob and Melani Walton Sustainability Solutions Initiative**
The Rob and Melani Walton Sustainability Solutions Initiative will provide US\$10,000 in awards to encourage, reward and celebrate inventors, social entrepreneurs, innovative designers and creative thinkers who develop solutions to global sustainability challenges.

The Intel International Science and Engineering Fair is just one element of Intel's commitment to education, which includes extensive teacher training and employee volunteer programs to help improve education around the world. In fact, over the past decade alone, Intel and the Intel Foundation have invested more than US\$1 billion, and Intel employees have donated close to 3 million hours toward improving education in more than 60 countries. To learn more about the Intel Education Initiative, visit www.intel.com/education and the CSR@Intel blog at blogs.intel.com/csr.

To learn more about Society for Science & the Public, visit www.societyforscience.org or follow the organization on [Twitter](#) or [Facebook](#).

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