



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, more than 1,500 of these students are selected as finalists and offered the opportunity to compete for more than USD 3 million in awards and scholarships.

Society for Science & the Public (SSP), 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 International Science and Engineering Fair since 1997 because it 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 2012

In 2012, 1,549 young scientists from around the world will gather in Pittsburgh, Pa. from May 14-18 for the final competition. They were selected from 446 affiliate fairs in 68 countries, regions and territories.

After being selected by their affiliated fair to represent a region, state or country, all finalists win an all-expenses paid trip to the Intel International Science and Engineering Fair. Each fair is allowed to send a different number of finalists based on the high school participation at their fair and the population that they serve. At the Intel International Science and Engineering Fair, the finalists are judged in-person by hundreds of science, engineering and industry professionals. Each judging professional has 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:

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| 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 retired chairman and CEO. 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 other corporate, academic, government and science-focused sponsors, will be awarded to more than 600 other projects. Those awards include:

- **Best of Category**
Best of Category projects, selected from each of the 17 categories, receive a US\$5,000 award from the Intel Foundation. US\$1,000 grants are also awarded to the winners' schools and the affiliated fairs they represent. 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**
An all-expenses paid trip enables three finalists to attend the Stockholm International Youth Science Seminar (SIYSS), which includes attendance at the Nobel Prize ceremonies in Stockholm, Sweden.
- **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.
- **European Union Contest for Young Scientists**
An all-expenses paid trip enables attendance at the European Union Contest for Young Scientists – located in a different city each year.
- **American Committee for the Weizmann Institute of Science**
The American Committee will award one finalist a 4-week trip and scholarship to the Bessie Lawrence International Summer Science Institute at the Weizmann Institute of Science in Rehovot, Israel.
- **National Taiwan Science Education Center**
Two finalists will be awarded trips to the Taiwan International Science Fair.
- **Agilent Technologies**
Two selected students and three teachers are awarded US\$25,000 and US\$5,000 respectively. Six- to eight-week summer internships at Agilent sites around the world are also offered.
- **IEEE Foundation**
The IEEE Foundation presents the Presidents' Scholarship of US\$10,000 for outstanding achievement in Engineering.
- **Office of Naval Research,**
On behalf of the U.S. Navy and Marine Corps, the Office of Naval Research presents 21 scholarships totaling US\$152,000.
- **Ricoh**

Ricoh presents the Sustainable Development Awards, which are two US\$12,500 scholarships.

Many colleges and universities also offer partial or full scholarships to select Intel International Science and Engineering Fair finalists.

Intel's Commitment to Math and Science Education

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 SSP, visit www.societyforscience.org, follow SSP on Twitter at www.twitter.com/society4science, or visit SSP's Facebook page at www.facebook.com/societyforscience.

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