



# News Fact Sheet

## **INTEL INTERNATIONAL SCIENCE AND ENGINEERING FAIR 2011**

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 for 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 4 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 2011**

In 2011, more than 1,500 young scientists from around the world will gather in Los Angeles, Calif. from May 9-13 for the final competition. They were selected from 443 affiliate fairs in 65 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 (six 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 and 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 USD 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 USD 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 USD 5,000 award from the Intel Foundation. USD 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 USD 3,000, USD 1,500, USD 1,000, and USD 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 new city each year.
- **American Committee for the Weizmann Institute of Science**

The American Committee will award one finalist a four-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 USD 25,000 and USD 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 USD 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 USD 152,000.
- **Ricoh**  
Ricoh presents the Sustainable Development Awards, which are two USD 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 \$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](http://www.intel.com/education) and the CSR@Intel blog at [blogs.intel.com/csr](http://blogs.intel.com/csr).

**For more information**, visit [www.intel.com/newsroom/education](http://www.intel.com/newsroom/education) and follow updates at <http://intel.ly/intel-edu> and [www.twitter.com/intel\\_education](http://www.twitter.com/intel_education). To join Intel's community of people sharing their stories with the hope of becoming a catalyst for action and a voice for change in global education, visit [www.inspiredbyeducation.com](http://www.inspiredbyeducation.com).

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