



The 2008 Intel International Science and Engineering Fair ~ 59 Years of Scientific Excellence ~

As the world's largest pre-college science fair, and the only global science competition for students in grades 9-12, the Intel International Science and Engineering Fair, a program of [Society for Science & the Public](#), represents the pinnacle of high school science fairs. In 2008, the Intel International Science and Engineering Fair will be held in Atlanta, Ga., from May 11-16. This year's program will include a record number of 1,557 high school students from 51 countries presenting 1,241 projects. Female students comprise 48% of those entered in the competition.

Finalists are selected annually from more than 550 affiliated fairs around the world. Each affiliated fair can send its top two individual projects and one team project to the Intel International Science and Engineering Fair. Finalists' projects often address issues that have stumped scientists for years and may very well lead to major scientific breakthroughs. In fact, nearly 20% of the projects being presented this year either have been patented or have been submitted to be patented. Projects represent a wide range of scientific disciplines, and are judged in the following categories:

Animal Sciences	Earth 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 Science	Plant Sciences
Computer Science	Environmental Management	Team Projects

Society for Science & the Public (formerly Science Service), a non-profit organization based in Washington, D.C., owns and has administered the International Science and Engineering Fair since its inception in 1950. Since Intel became the title sponsor of the fair in 1996, the total number of finalists has grown by 40% and the number of participating countries, regions and territories has grown by more than 70%, now including students from 51 countries.

Intel ISEF Awards

Through its annual sponsorship of the International Science and Engineering Fair, Intel provides awards in each of the competition's 18 categories totaling more than \$700,000. These include three top honors - the Intel Young Scientist Awards - each of which carry a \$50,000 college scholarship.

Projects are evaluated by more than 1,200 judges from nearly every scientific discipline, each with a Ph.D. or equivalent (six years of related professional experience) in one of the scientific disciplines, and include Nobel Laureates and Intel fellows. Additional prizes and scholarships awarded annually at the Intel International Science and Engineering Fair include the following:

Intel ISEF Best of Category: Intel provides "Best of Category" winners, selected from each of the 18 categories, who each receive a \$5,000 Intel scholarship and a new laptop featuring the Intel® Core™2 Duo processor. Intel also awards a \$1,000 grant to the winner's school and the Intel ISEF-affiliated fair they represent.



Seaborg Stockholm International Youth Science Seminar (SIYSS) Award

The three winners of this award, who are selected from the "Best of Category" winners, will attend the Seaborg Stockholm International Youth Science Seminar, which is held annually during the Nobel Prize ceremonies in Stockholm.

Intel ISEF Grand Awards

Intel provides Grand Awards for first, second, third and fourth places in each category. Awards are \$3,000, \$1,500, \$1,000, and \$500 for first through fourth place respectively.

European Union Contest for Young Scientists

A top-scoring team project's members will receive an all-expense-paid trip to attend the European Union Contest for Young Scientists, funded by the Intel Foundation.

American Committee for the Weizmann Institute of Science

The American Committee will award one Finalist a five-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 attend the Taiwan International Science Fair in Taiwan, in February 2008.

Additionally, organizations representing a wide variety of scientific disciplines present hundreds of awards, grants, scholarships and internships at Intel ISEF totaling nearly \$3 million annually. These include the following:

Agilent Technologies offers summer internships at an Agilent site that aligns with the Finalist and his/her background. These six-to-eight week summer internships will include four international locations.

The *IEEE Foundation* presents the Presidents' Scholarship of \$10,000 for outstanding achievement in Engineering.

The *Office of Naval Research*, on behalf of the U.S. Navy and Marine Corps, presents 21 scholarships, in the amount of \$8,000 each, for a total of \$168,000.

Ricoh presents the Ricoh Sustainable Development Award of two \$25,000 scholarships.

The *U.S. Department of Homeland Security* presents six \$20,000 scholarships.

The *China Association for Science and Technology* is providing five \$3,000 awards to selected Finalists

Many colleges and universities also offer partial or full scholarships to selected Intel ISEF Finalists.

For more information about the 2008 Intel International Science and Engineering Fair, student Finalists, a complete list of awards or a listing of countries, regions and territories represented in 2008, please contact:

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