

Winner Announcement
Intel ISEF 2011 Awards Ceremonies

Los Angeles, California, May 13, 2011- Society for Science and the Public, in partnership with the Intel Foundation, presented Grand and Special Awards today at the Intel International Science and Engineering Fair. Student winners are ninth through twelfth graders who earned the right to compete by winning top prize at a local, regional, state or national science fairs. Special Awards are presented by nearly 70 scientific, professional and educational organizations.

Award Winners from the Delaware Valley Science Fairs, Inc.

Animal Sciences:

Bernadette Ann Hritzo, 17, Villa Joseph Marie High School, Holland, Pennsylvania.
Analysis and Characterization of the Bioactive Antimicrobial Natural Products from Marine Sponges

Grand Award: Third Place: \$1,000

Special Award: First Place: American Chemical Society- \$4,000

Special Award: Second Place: American Association of Pharmaceutical Scientists - \$1,000

Biochemistry:

Hannah Kim, 15, Parkland Highland High School, Allentown, Pennsylvania.
The Effects of the Human Diet on Omega Fatty Acid in Common Cooking Methods
Special Award: Agilent Technologies- Paid summer internship at an Agilent site that aligns with the student and his/her background.

Chemistry:

Jack Huang, 17, Parkland High School, Allentown, Pennsylvania.
From Dusk to Dawn: Contact Lenses in the Night Tear Proteome

Grand Award: Third Place: \$1,000

Special Award: American Chemical Society - Certificate of Honorable Mention

Computer Science:

Jonah Kallenbach, 16, Germantown Academy, Ambler, Pennsylvania.
Monte Carlo Simulation of a Serial Dilution PCR Experiment

Grand Award: Third Place: \$1,000

Engineering: Electrical and Mechanical:

Andrew Feldman, 16, Manalapan High School, Englishtown, New Jersey

Acoustic Imaging Using Optimized Beamforming Techniques

Grand Award: Second Place: \$1,500

Special Award: MIT Lincoln Laboratory - Ceres Connection, Near Earth Asteroid Research Program. Andrew's name will be submitted to the International Astronomical Union for naming of a minor planet.

Special Award: First Place: Acoustical Society of America - \$1,000; In addition the student's school will be awarded \$500 and the student's mentor will be awarded \$250

Special Award: Office of Naval Research on behalf of the United States Navy and Marine Corps- Tuition Scholarship of \$4,000 and a trip to attend the London International Youth Forum

Special Award: Society of Exploration Geophysicists - Distinguished Achievement Award and a trip to the SEG International Exposition and Annual Meeting

Mathematics:

Benjamin Kraft, 18, Liberty High School, Bethlehem, Pennsylvania.

Entries of Random Matrices

Special Award: Third Place: American Mathematical Society - \$250

Physics:

Nicole Tsai, 17, High Technology High School, Lincroft, New Jersey.

Extending the Motional Stark Effect Diagnostic to Low Magnetic Fields: Towards Implementing a Laser-induced Fluorescence Technique

Grand Award: Fourth Place: \$500

Special Award: European Organization for Nuclear Research - CERN - All expense paid trip to CERN