Grand and Special Awards presented to Finalists
Of the Intel International Science and Engineering Fair

San Jose, California USA, May 13, 2010 – Society for Science and the Public, in partnership with the Intel Foundation, announced awards at the Intel ISEF 2010 Awards Ceremonies. Student winners are ninth through twelfth graders who earn the right to compete by winning top prize at a local, regional, state or national science fairs. Special Awards are presented by over 60 scientific, professional and educational organizations. The Intel Grand Awards are valued at the nearly $4 million in scholarships, tuition grants and scientific field trips.

The International Science and Engineering Fair is sponsored by Intel and has been administered by Society for Science and the Public (SSP) since its inception in 1950. SSP is a non-profit organization dedicated to the public engagement in scientific research and education. Our vision is to promote the understanding and appreciation of science and the vital role it plays in human advancement: to inform, educate, inspire.

Award winners from the Delaware Valley Science Fairs:

Energy and Transportation:

Brendan Betts, 15, Easton Area High School, Easton Pennsylvania. A Homemade Microbial Fuel Cell (He created a machine that uses bacteria to create energy out of waste products). Special Award: Google Award – Brendan was one of 10 finalists who got a tour of Google headquarters.

Medicine & Health:

Nicole Tsai, 16, High Technology High School, Lincroft, New Jersey. Towards Building a Respiratory Monitoring Device: Assessing the Accuracy of a Thermistor-Based Sensor (She constructed a miniature noninvasive device to take accurate measurements of respiration rate and apply them to asthma, sleep, apnea, recovery time and pilot workload). Special Award: National Collegiate Inventors and Innovators Alliance -$1,000 scholarship.

Team Projects – Medicine & Health:

Ben Song, 16, and Quan (Jack) Chen, 18, both from Methacton High School, Norristown Pennsylvania. Epigenetic Biomarker Assay for Urine DNA Based Screening for Colon Cancer (The duo developed assays to detect epigenetic markers in urine for noninvasive urine testing). Grand Award: Fourth Place - $500