

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

**Reno, Nevada, USA, May 15, 2009** – Society for Science and the Public, in partnership with the Intel Foundation, announced awards at the Intel ISEF 2009 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 nearly \$1 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:**

#### **Animal Sciences:**

**Bernadette Ann Hritz**, 15, Villa Joseph Marie High School, Holland, Pennsylvania. *The Isolation and Characterization of the Antibiotic Components Extracted from Marine Sponges.*

Grand Award: Second Place - \$1,500

Special Award: Office of Naval Research on behalf of the United States Navy and Marine Corps - Tuition Scholarship Award - \$8,000

Special Award: American Veterinary Medical Association – First Award - \$1,000 and a plaque.

Special Award: Air Force Research Laboratory on behalf of the United States Air Force – Second Place - \$1,500

Special Award: MIT Lincoln Laboratory – Naming rights of a near earth asteroid from the International Astronomical Union (IAU).

#### **Energy and Transportation:**

**Joseph Richard Bussenger**, 17, Pennridge High School, Perkasie, Pennsylvania. *The Electromagnetic Vibration Dampening System for Advanced Solid Rocket Fuel Motor Systems.*

Grand Award: Third Place - \$1,000

Special Award: United Technologies Corporation – Shares of UTC Common Stock and a Plaque, Digital Camera and backpack.

### **Energy and Transportation:**

**Ariel Lyn Evans**, 17, Sussex Central High School, Georgetown, Delaware. *Matching Winglet to Wing, Phase Two.*

Grand Award: Fourth Place - \$500

### **Plant Sciences:**

**Rachel Elizabeth Newmiller**, 18, Upper Dublin High School, Fort Washington, Pennsylvania. *Attack of the Native: Evaluating How the Expanding Smilax Rotundifolia Affects a Grassland Microbial Soil Community as Measured by the Growth of Schizachyrium scoparium.*

Grand Award: Third Place - \$1,000

### **Team Projects – Medicine and Health:**

**Janet Song**, 17, Methacton High School, Eagleville, Pennsylvania.

**Benjamin Paul Song**, 15, Methacton High School, Eagleville, Pennsylvania. *Development of a Urine Test for the Early Detection of Cancer.*

Grand Award: First Place - \$3,000

Special Award: American Association for Clinical Chemistry – Fourth Place - \$250

Special Award: MIT Lincoln Laboratory – Naming rights of a near earth asteroid from the International Astronomical Union (IAU).