

**Grand Awards presented to Finalists
of the Intel International Science and Engineering Fair**

*****Press Release*****

**Strict Embargo: Friday May 13, 2005, 3:30 PM Pacific Daylight Time
Do Not Release Until This Time**

Phoenix, Arizona USA- Science Service, in partnership with Intel, presented Grand Awards today at the Intel International Science and Engineering Fair. Student winners were in ninth through twelfth grades who earned the right to compete by winning top prize at a local, regional, state, or national science fair. The Intel ISEF presents Grand Awards valued at close to \$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 Science Service since its inception in 1950. Science Service is a non-profit organization dedicated to advancing the understanding and appreciation of science through publications and educational programs.

Award Winners From the Delaware Valley Science Fairs, Inc.

Biochemistry

Michael Segal, 17 Central High School, Philadelphia, Pennsylvania, *Bioinformatics
Discovery of Novel Stem Cell Regulatory Mechanisms*

Intel ISEF Best of Category Award of \$5,000 for top First Place Winner

Grand Award: First Place: \$3,000

Special Award: Office of Naval research on behalf of the US Navy and Marine Corps:
Scholarship: \$8,000

Earth and Space

Hannah Louise Wolf, 14, Parkland High School Allentown, Pennsylvania, *Measuring
Resistivity Using Subsurface Features to Find a Thrust Fault*

Special Award: Association for Women Geoscientists: Award: \$1,000, certificate, group photo, t-shirt, and student membership in AWG organization including newsletter –

Special Award: Society of Exploration Geophysicists for projects that display excellence to the geophysical sciences: Award of Merit \$500

Mathematics

Kledin Dobi, 16, Julia R. Masterman High School, Philadelphia, Pennsylvania, *Complete Sequences of Positive Integers*

Intel ISEF Best of Category Award of \$5,000 for Top Place Winner

Grand Award: First Place: \$3,000

Special Award: American Mathematical Society, Karl Menger Award of Excellence: Second Place: \$500

Special Award: National Aeronautics and Space Administration for projects that best relate to NASA's mission: Award: All expense – paid trip to the US Space Camp in Huntsville, Alabama and a certificate

Medicine and Health

Erin Marie Fischell, 17, High Technology High School, Lincroft, New Jersey, *The Effect of the Frequency Response of the Skull on Intelligibility of Speech from Piezoelectric Transducers*

Grand Award: Fourth Place: \$500

Special Award: American Speech-Language-Hearing Association, Award: \$1,000

Microbiology

Emily Elizabeth McGettigan, 16, McGettigan Homeschool, Delanco, New Jersey, *An Investigation of the Biological/Physiological Role of Prion Conformation*

Special Award: US Air Force: First Place: \$3,000

Zoology

Molly K. Hritz, 14, Villa Joseph Marie High School, Holland, Pennsylvania, *Decline in blue Jay Population in Churchville, PA due to West Nile Virus*

Grand Award: Third Place: \$1,000

Special Award: American Veterinary Medical Association: Second Place: \$700 and a plaque