



## DELAWARE VALLEY SCIENCE FAIRS, INC.

### **Regeneron International Science and Engineering Fair 2024 Awards Ceremony May 17, 2024 Los Angeles California**

The Society for Science, in partnership with Regeneron Pharmaceuticals, announced the awards of the Regeneron International Science and Engineering Fair (ISEF) 2024. Student winners are ninth through twelve graders who earned the right to compete at the Regeneron ISEF 2024 by winning a top prize at the 2024 Delaware Valley Science Fair. This year's Regeneron International Science and Engineering Fair featured over 1700 young scientists selected from over 400 affiliated fairs in more than 80 countries, regions and territories.

### **Award Winners from the Delaware Valley Science Fairs**

#### **Animal Sciences:**

**Matthew Lo**, 15, 9<sup>th</sup> Grade, The Haverford School, Haverford, PA; *Enhancing Crop Pollination by Training Honeybees*

Grand Award: Third Place - \$1000

Special Award: Patent & Trademark Office - \$500

Special Award: Taiwan International Science Fair – Trip

Special Award: North Carolina State University Summer Camp - Trip

#### **Chemistry:**

**Srijay Chenna**, 17, 12<sup>th</sup> Grade, Charter School of Wilmington, Wilmington, DE; *Optimizing Synthesis of mRNA Therapeutics*

Grand Award: Fourth Place - \$500

Special Award: Non-Trivia Award - \$500

#### **System Software:**

**Srilekha Mamidala**, 17, 12<sup>th</sup> Grade, Garnet Valley High School, Glen Mills, PA; *Developing a Novel Holistic Personalized Dementia Risk Prediction Model*

Special Award: Association of Computing Machines, - \$1000

**Biomedical Engineering:**

**Aadi Deshmukh**, 15, 10<sup>th</sup> Grade, Moravian Academy, Allentown, PA; *AquaGuard: A Multimodal Device for Real-Time Drowning Detection in Swimming Pools*

Special Award: Patent and Trademark Office Society, - \$500

**Animal Sciences:**

**Asher Wang**, 15, 9<sup>th</sup> Grade, Holicong Middle School, Doylestown, PA; *Diagnosis of CMTs in Dogs Using a Machine Learning Model*

Special Award: National Antivivisection Society, - \$3000

Since 1949, Delaware Valley Science Fairs, Inc. (DVSF) has stimulated interest in science, technology, engineering, and mathematics (STEM) among middle and high school students in the tri-state region. Our vision is to bring parents, teachers, and industry together to stimulate and nurture young people so they can grow and develop into contributing members of the community. DVSF's philosophy is that students learn by doing. They learn how to think, how to identify problems that need to be solved, and to design solutions to those problems.