



DELAWARE VALLEY SCIENCE FAIRS, INC.

Intel International Science and Engineering Fair 2019 Awards Ceremony May 17, 2019 Phoenix, Arizona

Society for Science and the Public, in partnership with the Intel Foundation, announced Awards of the Intel International Science and Engineering Fair (ISEF) 2019. Student winners are ninth through twelfth graders who earned the right to compete at the Intel ISEF 2019 by winning a top prize at a local, regional, state, or national fair. This year's Intel International Science and Engineering Fair featured approximately 1,850 young scientists selected from 422 affiliate fairs in more than 80 countries, regions and territories.

Award winners from the Delaware Valley Science Fairs

Animal Sciences:

Carolyn Almonte, 15, 10th Grade, Burlington Township High School, Burlington, NJ
The Effect of Chronic Exposure to Artificial Light at Night on the Development & Fecundity of Manduca sexta.

Grand Award: Fourth Place - \$500

Systems Software:

Neil Deshmukh, 17, 11th Grade, Moravian Academy, Bethlehem, PA
An Adaptive, Low-Cost Device for Automated & Offline Medical Analysis Utilizing Neural Networks with Reinforcement Learning Optimization.

Grand Award: Fourth Place - \$500

Special Award: Association for the Advancement of Artificial Intelligence – Honorable Mention

Special Award: USAID Science for Development – Third Place - \$2,000

Biochemistry:

Prathysha Kothare, 16, 10th Grade, Parkland High School, Allentown, PA
Exploring the Biomechanics of Red Blood Cells: Paving the way to Efficient and Physiological Modeling of Erythrocytes in Shear Flow.

Grand Award: Third Place - \$1,000

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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 that 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.

*For more information, visit www.DVSF.org or call
Henry Disston, President and Executive Director, at: disstonh@drexel.edu*