

INTEL ISEF 2012 AWARDS

WESEF students took home fifteen awards totaling \$2500, additionally one WESEF team won an all expense paid trip to London to attend the London International Youth Forum!

American Psychological Association

The mission of the American Psychological Association is to advance the creation, communication and application of psychological knowledge to benefit society and improve people's lives. The APA is a scientific and professional organization that represents psychology in the United States. APA is the largest association of psychologists worldwide.

Third Award of \$500

- **An Investigation of the Economic, Social, and Consequential Factors that Affect Moral Decision-Making: A Behavioral and fMRI Study**
Katherine Michelle Mangialardi, 18, Ossining High School, Ossining, New York

American Society for Horticultural Science

ASHS is the cornerstone of research and education in horticulture and an agent for active promotion of horticulture science. Each awardee and his/her school will receive a one-year subscription to ASHS "HortScience" and "Hort Technology" plus a mounted certificate.

Third Award of \$250

- **Understanding the Evolutionary Consequences of Genetic Duplication and Divergence: A Functional Characterization of the APETALA1/FRUITFULL Homologs in Papaveraceae** Amelia Lyn Clements, 17, Ossining High School, Ossining, New York

Ashtavadhani Vidwan Ambati Subbaraya Chetty

Foundation

An educational and medical service foundation dedicated to recognizing academic talent and providing services to the needy. AVASC will award projects that display outstanding creativity, ingenuity and have the potential to alleviate the human condition or mark a substantive advancement in the scientific field.

Second Award of \$500 U.S. savings bond

- **Novel Strategies for the PET Imaging of Colorectal Cancer Using the A33 Antibody**
Priya Mohindra, 17, Yorktown High School, Yorktown Heights, New York

China Association for Science and Technology (CAST)

China Association for Science and Technology (CAST) is the largest organization of scientists and technologists of China. One of its missions is to promote public understanding of science. Having developed science education programs, CAST supports youth and adolescents in becoming citizens with high scientific literacy. CAST Awards are given to the projects that best reflect the originality and innovation of the students' work in all scientific disciplines.

Award of \$3,000

- **Novel Strategies for the PET Imaging of Colorectal Cancer Using the A33 Antibody**
Priya Mohindra, 17, Yorktown High School, Yorktown Heights, New York

Office of Naval Research on behalf of the United States Navy and Marine Corps

Tuition Scholarship Award in the amount of \$8,000

- **Novel Strategies for the PET Imaging of Colorectal Cancer Using the A33 Antibody**
Priya Mohindra, 17, Yorktown High School, Yorktown Heights, New York

Team Tuition Scholarship Award in the amount of \$4,000 to be equally divided among the team members and a trip to attend the London International Youth Forum

- **Investigating the Decline of the Juvenile *Anguilla rostrata* Populations in the Hudson River**
Pamela Hope Brigleb, 16, Ossining High School, Ossining, New York
Amanda Harris Bernstein, 16, Ossining High School, Ossining, New York

Society for Freshwater Science

An international scientific organization whose purpose is to promote better understanding of the biotic communities of lake and stream bottoms and their role in aquatic ecosystems. The Society for Freshwater Science is awarding projects which contribute to scientific research in these habitats.

Third Award of \$250

- **Investigating the Decline of the Juvenile *Anguilla rostrata* Populations in the Hudson River**
Pamela Hope Brigleb, 16, Ossining High School, Ossining, New York
Amanda Harris Bernstein, 16, Ossining High School, Ossining, New York

Society of Experimental Test Pilots

Founded in 1955, the Society of Experimental Test Pilots is an international organization of flight test pilots and astronauts promoting air safety and education in the design and flight test of aerospace vehicles. SETP's membership extends across 30 countries worldwide, comprised of over 2,400 active and retired test pilots representing all types of aerospace vehicles, military and civilian.

Second Award of \$500

- **The Effects of Dimpling on the Lift, Drag, and Reynolds Number of Airfoils due to Early Transition of the Boundary Layer from Laminar to Turbulent**
Bayley Meichner, 18, Somers High School, Lincoln Dale, New York

United States Army

Award of \$1,500, a certificate of achievement, and a gold medallion.

- **Novel Strategies for the PET Imaging of Colorectal Cancer Using the A33 Antibody**
Priya Mohindra, 17, Yorktown High School, Yorktown Heights, New York

GRAND AWARDS:

Behavioral and Social Sciences - Presented by Intel

Third Award of \$1,000

- **An Investigation of the Economic, Social, and Consequential Factors that Affect Moral Decision-Making: A Behavioral and fMRI Study** Katherine Michelle Mangialardi, 18, Ossining High School, Ossining, New York
- **The Effect of Group Therapy on Communication in Aphasia** Laura Marie Anderson, 18, Yorktown High School, Yorktown Heights, New York
- **The Relationship between Impact Force, Neck Strength and Neurocognitive Performance in Soccer Heading** Catherine Marie Conte, 17, Ossining High School, Ossining, New York Adam Zachary Illowsky, 15, Ossining High School, Ossining, New York

Biochemistry - Presented by Intel

Second Award of \$1,500

- **Novel Strategies for the PET Imaging of Colorectal Cancer Using the A33 Antibody** Priya Mohindra, 17, Yorktown High School, Yorktown Heights, New York

Fourth Award of \$500

- **The Role of VEGF-R2 Regulation in VEGF's Vascular Effects in the Status Epilepticus Model** Maite Angela Antola, 18, Ossining High School, Ossining, New York

Cellular and Molecular Biology - Presented by Intel

Second Award of \$1,500

- **Inhibiting Class A Scavenger Receptor in Antigen Facilitated Activation for the Development of a Novel Autoimmune Therapy** Matthew Joseph Bruck, 18, Fox Lane High School, Bedford, New York