



## ISEF Awards Received ISEF 2017

*ISEF Category: Environmental Engineering (ENEV032)*

**- Crowd-Sourced Detection and Mapping of Nitrate Water Pollutants via a Mobile Web-Based Image Analysis System**

**Luca Jose Barcelo**, 17, Junior, Greenwich High School, Greenwich, Connecticut

**ISEF Special Awards:**

Category: University of Arizona	Tuition Scholarship Award
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**ISEF Grand Awards:**

Category: Environmental Engineering	Second Place Award of \$1,500
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*ISEF Category: Biomedical Engineering (ENBM029)*

**- Formulation of a Bovine Gelatin Crosslinked Scaffold for Potential Human Tissue Applications: Cost-Effective, Patient Specific Alternative Treatment of Actabular Labral Tears of the Hip**

**Sophie Edelstein**, 16, Sophomore, Wilbur Cross High School, New Haven, Connecticut

**ISEF Grand Awards:**

Category: Biomedical Engineering	Third Place Award of \$1,000
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*ISEF Category: Plant Sciences (PLNT027)*

**- A Study of Circadian Genetics and Abiotic Stress Towards Sustainable Agriculture**

**Maya N. Geradi**, 17, Junior, Wilbur Cross High School, New Haven, Connecticut

**ISEF Grand Awards:**

Category: Plant Sciences	Fourth Place Award of \$500
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*ISEF Category: Microbiology (MCRO029)*

**- An Early Warning System for Zika Virus in Mosquito Populations Based on Real-Time Field Detection of Viral RNA in Mosquito Saliva**

**Rahul Subramaniam**, 16, Sophomore, Greenwich High School, Greenwich, Connecticut

**ISEF Grand Awards:**

Category: Microbiology	<ul style="list-style-type: none"> <li>- Indo-U.S. Science &amp; Technology Visit to India Award</li> <li>- Intel ISEF Best of Category Award of \$5,000; a \$1,000 grant to the Connecticut Science &amp; Engineering Fair</li> <li>- First Place Award of \$3,000</li> </ul>
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