



## Grand Awards Received ISEF 2013

*ISEF Category: Environmental Management (EM022)*

**- A Model-Based Approach to Predicting Species' Responses to Climate Change by Characterizing Community Dynamics**

Emily Elizabeth Baczyk, 17, Senior, Choate Rosemary Hall, Wallingford, CT

**ISEF Grand Awards:**

	Grand Award - Environmental Management	3rd Place - \$1,000 cash award

*ISEF Category: Microbiology (MI021)*

**- Morphogenesis of and Chromosome Segregation in *Escherichia coli* Branching Mutants**

Kaitavjeet Chowdhary, 17, Senior, Glastonbury High School, Glastonbury, CT

**ISEF Grand Awards:**

	Grand Award - Microbiology	3rd Place - \$1,000 cash award

*ISEF Category: Engineering: Materials & Bioengineering (EN030)*

**- Promotion of Wound Healing via a Novel Hydrophilic Dressing**

Mallory Claire Madfes, 17, Senior, Greenwich High School, Greenwich, CT

**ISEF Grand Awards:**

	Grand Award - Engineering: Materials & Bioengineering	3rd Place - \$1,000 cash award

*ISEF Category: Physics and Astronomy (PH035)*

**- Laser-induced Propulsion of Anticancer-Doxorubicin Using Low-Power Laser Optical Tweezing**

Rebecca Michelle Murray, 16, Junior, Greenwich High School, Greenwich, CT

**ISEF Grand Awards:**

	Grand Award - Physics and Astronomy	4th Place - \$500 cash award