



## 2011 College at Oneonta Foundation Awards for Excellence in Student Research and Creative Activity

### **Description**

To recognize and honor high quality independent research and creative activity projects conducted by SUNY Oneonta students with faculty sponsorship, the College at Oneonta Foundation will award five prizes for 'best in show' projects presented at the 2011 Student Research Day (SRD). Award recipients will receive \$300 fellowships, and all finalists will receive a certificate.

### **Eligibility / Selection Process**

Only independent research and creative activity projects are eligible (projects conducted as part of a class or coursework are not eligible). Projects are nominated for the awards by the faculty mentor via an online form. To be eligible for consideration, student finalists must be in attendance at SRD and available to present the work to a selection panel comprised of members of the College at Oneonta Foundation Board of Directors.

## **2011 AWARD RECIPIENTS**

### **Christopher Aucoin**

**Faculty Mentor:** Leslie Hasbargen (Earth Sciences)

Using GPR, GPS and Close-Range Photography to Map and Characterize Dinosaur Tracks in the Connecticut River Valley

### **Tami LaPilusa**

**Faculty Mentor:** Jeffrey Heilveil (Biology)

Genetic Diversity of the Commodity Species *Cardisoma guanhumi* Latreille (Decapoda: Gecarcinidae) on Andros Island, Bahamas

### **Steven Piteo**

**Faculty Mentor:** Caitlin Smith Rapoport (Theatre)

Sound Designer in Collaboration with The Deconstructive Theatre Company and Strong Coffee Stage on an Adaptation of *Antigone*

### **Tyson Robb**

**Faculty Mentor:** Martha Growdon (Earth Sciences)

Alternative Remediation of Acid Mine Drainage

### **BLONDES Research Group: Marykate Kalotschke, Anyango Kamina, Samantha Kamp, Michelle Linder, Alyson Marmet, Nicole Mihou, Carolyn Nasr, Megan Record**

**Faculty Mentor:** Jacqueline Bennett (Chemistry & Biochemistry)

Lactic Acid as a Green Catalyst for Imine Synthesis

Green Synthesis of Imines from p-Ethoxyaniline and Various Aldehydes

Green Synthesis of Imines Derived from a Common Topical Anesthetic

Cell Imaging using Fluorescent Imines

## **ADDITIONAL FINALISTS**

### **Michael Bergman**

**Faculty Mentor:** Florian Reyda (Biology/Biological Field Station)

Host Use and Morphological Variation of *Leptorhynchoides thecatus* from Otsego Lake, NY

**Peter Cole**

**Faculty Mentor:** Lisa Sorensen-Stahl (Anthropology)  
Doodling 101: An Anthropological Survey of Doodling

**Alissa DeBaun, Jung Hwa Lee & Nicholas Walion**

**Faculty Mentor:** Charlene Christie (Psychology)  
Where Nobody Knows Your Name: The Nature of Extreme Opinions in the Anonymity of Cyberspace

**Jacob Donnell**

**Faculty Mentor:** Vicky Lentz (Biology)  
Purification of Largemouth Bass (*Micropterus salmoides*) Immunoglobulin M (IgM) Using Dialysis and Size-Exclusion Chromatography

**Andrew Feiner, Curtis Frederick & Joseph Prio**

**Faculty Mentor:** Keith Schillo (Biology)  
Effects of Dehydration on Spatial Learning in Mice

**Jillian Ferris**

**Faculty Mentor:** Cynthia Falk (Cooperstown Graduate Program)  
Subversive Museum Critique

**Annelise Muscietta**

**Faculty Mentor:** Martha Growdon (Earth Sciences)  
Deciphering the Nature of the Contact on Martinicus Island with New Bedrock Geologic Mapping

**Erin Potter**

**Faculty Mentor:** Melissa Godek (Earth Sciences)  
Assessing the Impact of Air Mass Frequency on Major Flood Events in the Susquehanna River Basin

**Joanna Salvino**

**Faculty Mentor:** Jeffrey Heilveil (Biology)  
Indirect Effects of Urbanization on New York Populations of *Nigronia serricornis* (Say) (Insecta: Megaloptera: Corydalidae)

**Lauren Shore**

**Faculty Mentor:** Halimah Sayahi (Chemistry & Biochemistry)  
Molecular docking of antituberculosis drug pyrazinamide (PZA) to *Mycobacterium tuberculosis* (Mtb) Fatty acid synthase I (FAS I)