List of Winners for 2011 Oswald Competition

**Biological Sciences:**

**Second Place:**
Tuoxin Cao, Senior Biology/Topical Study Major in Neuroscience
“Morphological and Genetic Activation of Microglia after Diffuse Traumatic Brain Injury in the Rat”

**First Place:**
Katelyn McNamara, Junior Neuroscience Major
“The Whisker Nuisance Task Identifies a Late-Onset, Persistent Sensory Sensitivity in Diffuse Brain Injured Rats”

**Design:**

**Second Place:**
A.J. Bridges, Junior Landscape Architecture Major
“Second Chance Shores”

**First Place:**
Lauren Fraley, Senior Landscape Architecture Major
“No-Land Urban Agriculture: A Retrofit Model”

**Fine Arts:**

**Second Place:**
Zachary Norton, Freshman, Film Studies and Kinesiology Major
“Ajax Short Film”

**First Place:**
Matthew Elliott, Senior Arts Administration Major with an emphasis in Art History
“Take it Artside”

**Humanities: Creative**

**Second Place:**
Clinton Parker, Sophomore Chinese/Linguistics Major
“The Uyghurs of China: A Struggle of Past, Present and Future”

**First Place:**
Catherine Brereton, Sophomore English and Gender and Women’s Studies Major
“Not the Usual Type”
**Humanities: Critical Research**

**Second Place:**
Veronica Polinedrio, Senior Interior Design and Art History Major
“Caravaggio and the Head of Goliath”

**First Place:**
Catherine Brereton, Sophomore English and Gender and Women’s Studies Major
“Fear and Self-Loathing in the First Century: Why it Matters that Paul was not Gay”

**Physical and Engineering Sciences**

**Second Place:**
David Spencer, Sophomore Chemical Engineering Major
“Functionalization of Gold Nanoparticles (GNPSs) using the Isolate, Functionalize, and Release (ISOFURE) Methodology”

**First Place:**
Anastasia Kruse, Junior Chemical Engineering Major
“Cancer Therapy Applications of Polymer Coated Iron Oxide Nanoparticles”

**Social Sciences**

**Honorable Mention:**
Laura Shahan, Junior International Studies/Spanish Major
“The Principal Causes of the First Balkan War”

**Second Place:**
Yuen (Amie) Chan, Senior Biology and Economics Major
“Socioeconomic Challenges of Patients with Clinical Blindness in Rural Ghana”

**First Place:**
Joanne Tyler, Senior Psychology Major
“Childhood Depression and Obesity: Role of Hypothalamic –Pituitary-Adrenal (HPA) Axis Activity”