

**Intersections: SOURCE Symposium & Poster Session**  
**April 15, 2011 Winners**

**Arts Overall**

Roshanak Ahmadian, *Learning is Sweet*. Faculty Mentor: Sally Levine, Art Studio Department: Architecture

**Humanities Oral Competition**

1<sup>st</sup> Katie Callahan, *Girls of Today, Mothers of Tomorrow: Adolescent Girls and Popular Eugenics 1900-1930*. Faculty mentor: Professor Renee Sentilles, Department of History.

**Humanities Poster Competition**

1<sup>st</sup> Yi (Tristan) Chen, *The Reform of Shanxi Coal Industry: A Historical Perspective 1978-2010*. Faculty Mentor: Professor Peter Shulman, Department of History.

**Natural Sciences Oral Competition**

1<sup>st</sup> Varandt Khodaverdian, *Decreasing Virulence in Methicillin-Resistant Staphylococcus aureus*. Faculty mentor: Professor Menachem Shoham, Department of Biochemistry.

**Natural Sciences Poster Competition**

1<sup>st</sup> Karen Kruzer, *Identification and Prevention of MRSA Transferred Between Community and Medical Settings on Mobile Phones*. Faculty mentor: Dr. Christine Moravec, Department of Medicine, Cleveland Clinic.

1<sup>st</sup> Matthew Sievers, *Does Phenotypic Plasticity Contribute to Invasiveness of *Ranunculus Ficaria* Across Shade and Water Stress Environments*. Faculty mentor: Jean Burns, Department Biology.

2<sup>nd</sup> Victoria de Leon, *Characterizing the Ovarian Tumor Phenotype of the Arrest Mutant in *Drosophila**. Faculty Mentor: Professor Helen Salz, Department of Genetics.

2<sup>nd</sup> Stephen Fleming, *ZnO Nanowires: Growth and Applications*. Faculty Mentor: Xuan Gao, Department of Physics.

**Social Sciences Oral Competition**

1<sup>st</sup> Stephanie Onuoha, *A Preliminary Review of Expressive Language Disorder and Its Applicability to Ethnic Minorities*. Faculty mentor: Professor Barbara Lewis, Department of Communications Sciences.

**Social Sciences Poster Competition**

1<sup>st</sup> Rebecca Chen and Michelle Menegay, *Sexual Assault Victims in the Emergency Department: Retrospective Analysis of Rape Incidence and Vulnerability by Situational, Personal, and Interpersonal Predictors*. Faculty mentor: Dr. Vicken Totten, Department of Emergency Medicine.

2<sup>nd</sup> Cari Rosoff, *Effects of Depression on PTSD Treatment Choice*. Faculty mentor: Dr. Norah Feeny, Department of Psychological Sciences.

2<sup>nd</sup> Rebecca Berger, *Mainstream Education and Cochlear Implants: Information for Teachers and Children*. Faculty Mentor: Barbara Lewis, Department of Communication Sciences

**Engineering Poster Competition**

1<sup>st</sup> Albert Xue, *Preparation of Nanocarbon via Atmospheric Pressure Microplasma Synthesis*. Faculty mentor: Professor Mohan Sankaran, Department of Chemical Engineering.

2<sup>nd</sup> John Stagon, *Testing and Analysis of the Mechanical Strength of Thin Diamond Film Covered Substrates in Tension*. Faculty Mentor: Professor Heidi Martin, Department of Chemical Engineering.

**Best Interdisciplinary Project**

Douglas Porr, John Richards, Nicholas Szczecinski, Victoria Webster, *Robotic Modeling of Barrier Navigation and Shelter Location in *Blaberus discoidalis**. Faculty Mentor: Professor Roy Ritzmann, Department of Biology.