**Intersections: SOURCE Symposium & Poster Award Winners**  
**April 17, 2015**

**Oral Presentations**

**Engineering**

1st (tie)  
Taylor Nguyen, *Materials development for large-scale production of organic light emitting diodes*. Faculty Mentor: Mohan Sankaran, Chemical and Biomolecular Engineering.

1st (tie)  
Elishama Kanu, *Correlating kinetics and kinematics of earthworm peristaltic locomotion*. Faculty Mentor: Hillel Chiel, Biology.

**Natural Sciences**

1st (tie)  

1st (tie)  

**Poster Presentations**

**Engineering**

1st (tie)  

1st (tie)  
Margaret Mack, *Nanoparticle-mediated delivery of small interfering RNA as a therapy for drug-resistant triple-negative breast cancer*. Faculty Mentor: Zheng-Rong Lu, Biomedical Engineering.

2nd (tie)  
Paul Advincula, *Carbazole-assisted Electrodeposition of Graphene Oxide: Synthesis, Characterization and Directed Deposition*. Faculty Mentor: Rigoberto Advincula, Macromolecular Sciences and Engineering.

2nd (tie)  
Samantha Butler, A Single-use, Disposable, In Vitro Platinum-Based Biosensor for the Detection of Extremely Low Level Nitric Oxide in Aqueous Medium. Faculty Mentor: Chung-Chiun Liu, Chemical and Biomolecular Engineering.

**Nursing**

1st  
Moriah Watts, *Increasing Colorectal Cancer Screening*. Faculty Mentor: Marilyn Lotas, Nursing.

2nd (tie)  
Sara Mithani, *Self-care Instructions Improve Biomarkers for Gum Disease in Postmenopausal Women*. Faculty Mentor: Leena Palomo, Dentistry

2nd (tie)  
Rachael Wieber & Breanon Glover, *Improving Nutrition Knowledge Among Irish Traveller Children*. Faculty Mentor: Mary Quinn Griffin, Nursing

**Natural Sciences**

1st (tie)  
William Qu, *Engineering a MGMT mutation in hematopoietic cells with the CRISPR/Cas system to confer resistance to high dose chemotherapy*. Faculty Mentor: Paul Tesar, Genetics

1st (tie)  
Logan Smith, *Analysis and Processing of Hyperspectral Data with the Purpose of Classification*. Faculty Mentor: Julia Dobrosotskaya, Mathematics

2nd (tie)  
Arvind Haran, *Optimizing Immunofluorescence Staining of Whole Mount Quail Embryonic Hearts*. Faculty Mentor: Michael Jenkins, Pediatrics

2nd (tie)  
Elishama Kanu, *Correlating kinetics and kinematics of earthworm peristaltic locomotion*. Faculty Mentor: Hillel Chiel, Biology

2nd (tie)  
Katie Pezzot, *Crowdsourcing in Epidemiology: Current Utilities, Trends and Standards*. Faculty Mentor: Jiayang Sun, Epidemiology and Biostatistics

2nd (tie)  
Samir Shah, *Physics, Model of Arm Movements by Estimation of Intended Equilibrium Posture and Relationship to Electromyograms*. Faculty Mentors: Matthew Williams and Robert Kirsch, Biomedical Engineering.

**Management & Accounting**

1st  
Harini Ushasri and Liana Manuel, *Influence of a Leader’s Gender on a Group’s Confidence in Completing a Behavioral Task*. Faculty Mentor: John Paul Stephens, Organizational Behavior
Social Sciences

1st Alayna Klco, *The Impact of Political Change and Education Reform on Youth Aymara Identity in Bolivia.* Faculty Mentor: Katia Almeida, Anthropology.


2nd (tie) Lauren Pohl, *Coming Out: Self-Esteem and Sexual Identity Distress as Predictors of LGBQ Individuals’ Level of Sexual Identity Disclosure.* Faculty Mentor: Amy Przeworski, Psychological Sciences.

2nd (tie) Lisa Richey, *Psychosocial Adjustment of University Students Studying Abroad in India.* Faculty Mentor: Kathryn Rothenberg, Psychological Sciences.