

**Intersections: SOURCE Poster Award Winners  
Fall 2015**

**Engineering**

- 1<sup>st</sup> Nick DiFranco, Tianbi Duan, Ed Niedoba, and Jackson Pilliod, *IV Port Sterilization Device*  
Faculty Mentor: Colin Drummond, Biomedical Engineering
- 2<sup>nd</sup> Arielle Soffer, *Systemic Inhibition of Innate Immunity Pathways Improves Intracortical Microelectrode Performance*  
Faculty Mentor: Jeffrey Capadona, Biomedical Engineering

**Nursing**

- 1<sup>st</sup> (tie) Precious Amoako, Elizabeth Benway, and Gabrielle Brown, *Increasing Patient Affordable Care Act Enrollment Accessibility*.  
Faculty Mentor: Cheryl Killion, Nursing.
- 1<sup>st</sup> (tie) Madeline Haas, *Infection Prevention at Sunbeam School: Teaching Hand Hygiene and Cough Etiquette*.  
Faculty Mentor: Marilyn Lotas, Nursing
- 2<sup>nd</sup> Teresa Carter and Molly Jackson, *Pneumonia Prevention in Geriatric Participants at McGregor PACE*.  
Faculty Mentor: Marilyn Lotas Nursing

**Natural Sciences & Mathematics**

- 1<sup>st</sup> Raghav Tripathi, *RhoA Regulates PINK1 Accumulation and Mitophagy through PKD Activation*  
Mentor: Shigeki Miyamoto, Pharmacology, University of California, San Diego
- 2<sup>nd</sup> (tie) Miarasa Steele, *Inducible/de-inducible B-catenin: a model to identify wntB-catenin-responsive biomarkers in skin fibrosis*.  
Faculty Mentor: Radhika Atit, Biology
- 2<sup>nd</sup> (tie) Colleen Bosworth, *A Method for Large Mitochondrial DNA Deletion Discovery in Human Cancers*.  
Faculty Mentor: Thomas LaFramboise, Genetics
- 2<sup>nd</sup> (tie) Brennan Ashwood, *Potential Light-Induced Risks Associated with Expanding the Genetic Alphabet*.  
Faculty Mentor: Carlos Crespo-Hernandez, Chemistry

**Social Sciences**

- 1<sup>st</sup> Hannah Johnson, *Analysis of Hope and Avoidance During Key Processing Period in Prolonged Exposure Therapy for PTSD*.  
Faculty Mentor: Norah Feeny, Psychological Sciences
- 2<sup>nd</sup> (tie) Maria Fazal, *Autistic Symptomatology in Early Childhood: A Comparison of Play and Language Between the mUPD and DEL Subtypes of Prader-Willi Syndrome*  
Faculty Mentor: Anastasia Dimitropoulos, Psychological Sciences

2<sup>nd</sup> (tie)

Katherine Chen and Justine Anne De Angelis, *Elevate App: Utilizing Technology for Mental Well-Being*.

Faculty Mentors: Amy Przeworski, Psychological Sciences and Marc Buchner, Associate Dean, Academics, Case School of Engineering and Professor, Electrical Engineering and Computer Science

**Humanities**

1<sup>st</sup>

Emily Kugel, *Characterizing Views on Race: Sir Thomas Munro and his Interactions in India*.

Faculty Mentor: John Broich, History