

Intersections: SOURCE Symposium & Poster Award Winners

April 21st, 2017

Oral Presentations

Natural Science

- 1st Ondrej Maxian, *Understanding Zika Dynamics: Sex, Mosquitoes, and Gender*. Faculty Mentor: Julie Blackwood. Chemical Engineering and Math.
- 2nd Brennan Ashwood, *The Photophysical Impacts of Glycosylation on Sulfur-Substituted DNA Nucleobases*. Faculty Mentor: Carlos Crespo-Hernandez, Chemistry.

Social Sciences

- 1st Mary Therese Escueta, *"I Do Wanna Dance": The Lived Experiences of Professional Dancers of Color*. Faculty Mentor: Mary Erdmans, Sociology and Dance.

Poster Presentations

Engineering

- 1st (tie) Seth Meade, *The Effect of Nanopatterned Surfaces on Intracortical Microelectrode Biocompatibility*. Faculty Mentor: Jeffrey Capadona, Biomedical Engineering.
- 1st (tie) Natasha Mohanty, Connor Mulcahy, Shruti Raghunathan, Megan Sheehan, Ishan Singhal, Nishant Uppal & Prashanth Veeragandham, *Neonatal Hypothermia Therapy Device*. Faculty Mentors: Colin Drummond, Biomedical Engineering and Matthew Williams, Biomedical Engineering.
- 2nd Jonathan Healy, Renkai Jia & Corey Long, *The Nitinol Based Stir-Rod*. Faculty Mentor: Peter Lagerlof, Materials Science and Engineering.

Science and Math

- 1st (tie) Riddhi Patel, *Dose-responsive Efficacy of Diosmetin on Rictor- AKT- PKC-alpha Pathway in Inhibiting Prostate Cancer Progression*. Faculty Mentor: Sanjeev Shukla, Urology
- 1st (tie) Aditi Goel, *Synergistic Combination of Inhibitor VIII and Parthenolide Inhibits Human Prostate Cancer through Akt and NF-kappaB signaling*. Faculty Mentor: Sanjay Gupta, Urology.
- 1st (tie) Edward Sim, *Characterization of IgG alpha 2,6 sialylation by hybridomas*. Faculty Mentor: Brian Cobb, Pathology.
- 2nd (tie) Tianyi (Diana) Feng & Nathan Kodama, *Using multielectrode arrays to investigate the spontaneous firing patterns and functional connectivity in large neural assemblies*. Faculty Mentor: Dr. Roberto Fernández Galán, Electrical Engineering and Computer Science.
- 2nd (tie) Siddharth Ghanta, *Zinc Finger And BTB Domain-Containing Protein 9 is a Potent PPAR-gamma Agonist*. Faculty Mentor: David Buchner, Genetics.

Social Sciences

- 1st Nisha Malhotra, *The Greek Financial Crisis: An Ethnographic Exploration of Small Business*. Faculty Mentor: Lee Hoffer, Anthropology.
- 2nd Harini Ushasri, *Examining Barriers to Accessing Healthcare for Refugees*. Faculty Mentor: Bridget Haas, Anthropology.