Students Awarded Honors Summer Undergraduate Research Fellowships, 2016

**Esther Avilés**, A&S, Biochemistry and Molecular Biology and Women’s and Gender Studies
“Gender Ideology in the Study of Sex Determination”
Faculty mentors: Tony Gamble, Biology, and Anthony Peressini, Philosophy

**Erin Bardonner**, Health Sciences, Biomedical Sciences
“Effects of Oxytocin on Behavior”
Faculty mentor: Robert Wheeler, Biomedical Sciences

**Jared Corbett**, A&S, Philosophy and Economics
“An Empirical Approach to the Ontology of Computational Systems”
Faculty mentor: Anthony Peressini, Philosophy

**Thomas Dietz**, A&S, Physics and Applied Mathematical Economics
“Single Wavelength Anomalous Dispersion – Native Sulfur Phasing for the Crystal Structure of Lysozymes”
Faculty mentor: Brian Bennett, Physics

**Aleksander Druck**, A&S, Physiological Sciences
“Quantifying the Expression of Non-muscle and Smooth Muscle Myosin in Rabbit Tissue after Coarctation of the Aorta”
Faculty mentor: Thomas Eddinger, Biological Sciences

**Seth Haines**, A&S, Political Science
“The Rise of Religious Rhetoric in American Political Speeches”
Faculty mentor: Julia Azari, Political Science

**Emily Legan**, A&S, Biochemistry and Molecular Biology
“Understanding the Seeding Potential of Actin”
Faculty mentor: Anita Manogaran, Biological Sciences

**Gabriella May**, Health Sciences, Biomedical Sciences and International Affairs, and **Eliana Winterbauer-Light**, A&S, Psychology and French
“HIV/AIDS: The Unseen Predator of the Rwandan Genocide”
Faculty Mentors: Sarah Gendron, French, and Ed De St. Aubin, Psychology

**Anna Miller**, A&S, English and Philosophy
“Women and Madness in Literature in Late 18th and Early 19th Century England”
Faculty mentor: Brittany Pladek, English

Justin Miller, A&S, Computer Science
“Assessing the Security of Socially Engaging Robots”
Faculty mentor: Despoina Perouli, Math and Computer Science

Joanna Obaoye, Health Sciences, Biomedical Sciences
“Effects of polyphenolic compounds on amyloid in vivo”
Faculty mentor: Anita Manogaran, Biological Sciences

Bradley Pfeifer, Health Sciences, Biomedical Sciences
“Identification of GABAergic Interneurons that Exhibit GABA Mediated Enhancement of Calcium Influx in Neonatal Hippocampal Neurons”
Faculty mentor: Michelle Mynlieff, Biological Sciences

Van Schloegeal, A&S, Biological Sciences
“The Role of Prefrontal Cortex KCNQ Potassium Channels in the Negative and Cognitive Symptoms of Schizophrenia:
Faculty Mentor: Behnam Ghasemzadeh, Biomedical Sciences

Margaret Stang, A&S, International Affairs and Spanish
“Bee the Change: Creating a Framework for Measuring Social Impact In Community Initiatives”
Faculty mentor: Nicky Santos, Business