Summer Research Symposium
July 19 Summer Open House

Daniel Adams '14 (New York, NY)
Greener pastures for chiral phosphine synthesis
Chemistry, Spanish
Research Mentor: Timothy Chapp (Chemistry)
Funding: Lord Charitable Trust and Shanbrom Fund

Matthew Reik '14 (Sunland, CA)
Greener pastures for chiral phosphine synthesis
Chemistry, History
Research Mentor: Timothy Chapp (Chemistry)
Funding: Lord Charitable Trust and Shanbrom Fund

Abby Beerman '14 (Jim Thorpe, PA)
Haemophilus ducreyi and antibiotic resistance
Biology, History, Writing
Research Mentor: Ann Kleinschmidt (Biology and Biochemistry)
Funding: Biology Department and Class of 1939 Student Research Fund

Alexander Bennett '16 (Sharon, MA)
Success Abroad
Undecided
Research Mentor: Ishita Sinha Roy (Communication Arts)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Peter Bergman '14 (Allison Park, PA)
The 50 state quarters program: alternate designs and statehood identity
History, Theatre
Research Mentor: Ian Binnington (History)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Erin Brockett '15 (Albion, PA)
Gun culture in northwest Pennsylvania: a preliminary report
Communication Arts, Psychology
Research Mentor: Emily Yochim (Communication Arts)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Austin Cosgrove '15 (Moon Township, PA)
Determination of the secondary structure of RNA hairpins: a thermodynamic analysis
Biochemistry, Global Health and Development
Research Mentor: Marty Serra (Chemistry and Biochemistry)
Funding: National Science Foundation and the Paul E. and Mildred Hill Fund

Andrew Culp '14 (Houston, PA)
Identifying the most informative single nucleotide polymorphisms in the domestic dog mitochondrial genome
Biology, Psychology
Research Mentor: Kristen Webb (Biology)
Funding: Work-Study Program

Alexis Eldridge '15 (Ridgewood, NJ)
The 50 state quarter program: The social, political, and economic influences on 10 years of design selection
History, Theater
Research Mentor: Ian Binnington (History)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Daisy E. Guzman '14 Bronx, NY:
The effect of Disney princesses race on racial awareness and acceptance in young children
Psychology, Spanish
Research Mentor: Brian M. Saltsman (Psychology)

Rena Hausermann '15 (Pacific Grove, CA)
Prévost's Le Pour et Contre
French, Classical Studies
Research Mentor: Eric Palmer (Philosophy)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Dani Hicks '14 (Verona PA)
Management of the medieval Arabic sexual body through aphrodisiacs, contraceptives, and abortifacients
Creative Writing, English, Women's Studies
Research Mentor: Jennifer Hellwarth (English)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Desiree Niccoli '14 (Pittsburgh, PA)
Management of the medieval Arabic sexual body through aphrodisiacs, contraceptives, and abortifacients
English, History
Research Mentor: Jennifer Hellwarth (English)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Jihee Hong '16 (Seoul, Korea)
Revitalization of the inorganic chemistry laboratory curriculum
Chemistry
Research Mentor: Timothy W. Chapp (Chemistry)
Funding: Allegheny College Chemistry Department and Demmler Grant

Aviv Crowell Lang '15 (New York, NY)
Corporatizing global health
Behavioral Economics, Studio Art
Research Mentor: Ishita Sinha Roy (Communication Arts)
Funding Source for Project: Howard Hughes Medical Institute - Global Health Grant
Cailyn Lingwall ’15 (Clarion, PA)
Identifying facilitators and barriers to healthy eating in restaurants
Global Health Studies, Political Science
Research Mentor: Caryl Waggett (Environmental Science and Global Health Studies)
Funding: Howard Hughes Medical Institute - Global Health Grant

Laurel McNish ’14 (Franklin, TN)
A race to fill the dorms: a study of roommate and neighbor preference and placement selection
Psychology, Global Health and Development
Research Mentor: Brian Saltsman (Psychology)
Funding Source for Project: Mr. Harry W. Shepard and Mrs. Patricia P. Shepard, Dean’s Fund for Student and Faculty Research, John R. McCune Charitable Trust

Anna Mortzfeldt ’14 (Carlisle, PA)
Using transgenic Arabidopsis thaliana to investigate the promoter activity of plant class III heme peroxidase genes
Biology, Psychology
Research Mentor: Ann Kleinschmidt (Biology and Biochemistry)

Julia Luczkow ’15 (Murrysville, PA)
Using transgenic Arabidopsis thaliana to investigate the promoter activity of plant class III heme peroxidase genes
Biology Psychology
Research Mentor: Ann Kleinschmidt (Biology and Biochemistry)

Katelyn Nicewander ’15 (Hollidaysburg, PA)
Healthy Homes - Healthy Children: striving to make all homes in northwest Pennsylvania "healthy homes"
Neuroscience, Political Science
Research Mentor: Caryl Waggett (Environmental Science and Global Health Studies)
Funding: Fahrner Fund for Community Engagement

Karina Sarver ’16 (Irwin, PA)
Healthy Homes - Healthy Children: striving to make all homes in northwest Pennsylvania "healthy homes"
Undecided
Research Mentor: Caryl Waggett (Environmental Science and Global Health Studies)
Funding: Fahrner Fund for Community Engagement

Katelyn Cassel ’16 (Mechanicsburg, PA)
Healthy Homes - Healthy Children: striving to make all homes in northwest Pennsylvania "healthy homes"
Neuroscience
Research Mentor: Caryl Waggett (Environmental Science and Global Health Studies)
Funding: Fahrner Fund for Community Engagement

Kaitlin O’Brien ’15 (Jamestown, NY)
West H. Humphreys: a civil war impeachment
History, Chemistry
Research Mentor: Ian Binnington (History)
Funding: Dean’s Fund for Student and Faculty Research

Layne Picard ’15 (Meadville, PA)
Behavioral effects of mefloquine and dissociative anesthetics: pretreatment with ethanol
Neuroscience, Psychology
Research Mentor: Rodney D. Clark (Psychology and Neuroscience)
Funding: Christine Scott Nelson Fund and Shanbrom Student and Faculty Fund

Alexandra Cristoforetti ’15 (New York, NY)
Behavioral effects of mefloquine and dissociative anesthetics: pretreatment with ethanol
Psychology, Spanish
Research Mentor: Rodney D. Clark (Psychology and Neuroscience)
Funding: Christine Scott Nelson Fund and Shanbrom Student and Faculty Fund

Emilio DeJesus ’15 (Germantown, MD)
Behavioral effects of mefloquine and dissociative anesthetics: pretreatment with ethanol
Neuroscience, Spanish
Research Mentor: Rodney D. Clark (Psychology and Neuroscience)
Funding: Christine Scott Nelson Fund and Shanbrom Student and Faculty Fund

Vincent Reginella ’14 (Pittsburgh, PA)
Does the importance of moral identity predict self-favoring behavior?
Psychology, Religious Studies
Research Mentor: Lydia E. Jackson (Psychology)
Funding: National Science Foundation and Edward David Class of 1961 Fund

Breana Gallagher ’15 (Townsville, PA)
Does the importance of moral identity predict self-favoring behavior?
Neuroscience, Music, Psychology
Research Mentor: Lydia E. Jackson (Psychology)
Funding: National Science Foundation and Edward David Class of 1961 Fund

Lee Scandinaro ’15 (North Huntingdon, PA)
Intentions: science, technology, and personality
Communication Arts, Political Science
Research Mentor: Beth Watkins (Communication Arts)
Funding: Andrew W. Mellon Grant - Collaborative Undergraduate Research in the Humanities

Matthew Turner ’15 (Sharon, PA)
Sexual identity development and the impostor phenomenon - a pilot study
Psychology, German
Research Mentor: Brian Saltsman (Psychology)
Funding: Louis Jefferson Long Student/Faculty Research Fund

Spencer Vicente ’15 (Santa Clarita, CA)
Process of adoption for same-sex couples in the Pittsburgh-metro area
Psychology
Research Mentor: Brian Saltsman (Psychology)
Funding: Christine Scott Nelson Faculty Support Fund