

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 Haussermann '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

Ji-hee 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 Cristofolletti '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)

Inventions: 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