Summer Research Symposium 2013
Student Poster Presentations

Does the Importance of Moral Identity Predict (Un)Fair Behavior?
Vincent Reginella and Breana Gallagher
Research Site: Allegheny College - Center for Economic and Environmental Development
Mentor: Lydia Eckstein Jackson
Major/Minor of first author: Psychology/Religious Studies
Funding: Professor Louis Jefferson Long Fund and Edward David Class of 1961 Fund

Inventions: Science, Technology, and Personality
Lee Scandinaro
Research Site: Allegheny College
Mentor: David Statman
Major/Minor: Communication Arts and Political Science/Theatre
Funding: Andrew W. Mellon Foundation - Undergraduate Research in the Humanities Fund

Strawberry Fields Forever: Community-Based Theatre in an Agricultural Town
Katie Beck
Mentor: Beth Watkins
Project Site: Cornestone Theater Company, Salinas, California
Major/Minor: Theatre/VESA and Writing
Funding: Howard Hughes Medical Institute-Global Health Fund and Summer Bonner Travel Fund

Healthy Homes - Healthy Children: Striving to Make All Homes in Northwest Pennsylvania "Healthy Homes"
Katelyn Nicewander, Karina Sarver, and Katelyn Cassel
Project Site: Allegheny College
Mentor: Julian Kim
Major/Minor of First Author: Neuroscience/Political Science
Funding: The Fahrner Fund for Community Engagement
50 State Quarter Program: Alternate Designs and State Identity
Peter Bergman
Mentor: Ian Binnington
Project Site: Allegheny College
Major/Minor: Double Major in History and Theatre /Minor in Religious Studies
Funding: Andrew W. Mellon Foundation - Undergraduate Research in the Humanities Fund

West H. Humphreys: A Civil War Impeachment
Kaitlin O’Brien
Mentor: Ian Binnington
Project Site: Allegheny College
Major/Minor: History/Chemistry
Funding: The Dean’s Fund for Student and Faculty Research

Incorporation of Alkyne-Modified Farnesyl Diphosphate Analog in Live Mice
Katie E. Cornille, Charuta C. Palsuledesai, Sahowu Cheng, Ling Li, and Mark D. Distefano
Mentor: Mark D. Distefano
Project Site: University of Minnesota
Major/Minor of First Author: Chemistry/Studio Art
Funding: National Institutes of Health

Molecular Phylogenetic Analysis of Non-Sexually-Transmitted Strains of Haemophilus ducreyi
Jordan Gaston
Mentor: Tricia L. Humphreys
Project Site: Allegheny College
Major/Minor: Biochemistry/Theater
Funding: Biology Department, Travel funds from ACCEL and HHMI Global Health Grant

George W. Bush and Volatile Politics: Exceeding the Incremental Limit
Amelia Pennington
Mentor: Brian Harward
Project Site: Allegheny College
Major/Minor: Political Science/Communication Arts
Funding: Charles Coffin and Ann S. Fritts ’76 Deans Discretionary Fund
B7-H4Ig Inhibition of Multiple Sclerosis Models in Mice and Human T cells
Alice Tischler and Joseph Podojil
Mentor: Joseph Podojil
Project Site: Northwestern University
Major/Minor of First Author: Biology/Global Health and Development
Funding: Howard Hughes Medical Institute-Global Health Fund

Diversity of Terrestrial Insects within the Bousson Environmental Research Reserve
Ian Lim-Bonner
Mentor: Beth Choate
Project Site: Allegheny College
Major/Minor: Environmental Science / Political Science
Funding: Shanbrom Student and Faculty Research Fund

High fat diet leads to changes in cellular localization of glucose transporters 1 and 3 within vagal sensory neurons
LaVerne Thompson and Kirsteen N. Browning
Mentor: Kirsteen Browning
Project Site: Penn State Hershey Medical College
Major/Minor of First Author: Neuroscience/English
Funding: National Institutes of Health and the American Heart Association

The Motherload: Women's Work and Digital Culture
Larissa Card
Mentors: Julie Wilson and Emily Yochim
Project Site: Allegheny College
Major/Minor: Communication Arts/Chinese Studies
Funding: Andrew W. Mellon Foundation - Undergraduate Research in the Humanities Fund

Identifying Health Facilitators and Barriers in Restaurants
Cailyn Lingwall
Mentor: Caryl Waggett
Project Site: Allegheny College and Meadville Community
Major/Minor: Global Health Studies/Political Science
Funding: Howard Hughes Medical Institute-Global Health Fund
Corporatizing Global Health

Aviv Crowell Lang
Mentor: Ishita Sinha Roy
Project Site: Allegheny College
Major/Minor: Behavioral Economics/Studio Art
Funding: Howard Hughes Medical Institute-Global Health Fund

Characterizing the relationship between contact angle and depletion layer using surface plasmon resonance spectroscopy

Shannon Petersen
Mentor: Adéle poynor
Project Site: Allegheny College
Major/Minor: Physics/Math and Writing
Funding: Dean’s Fund for Student and Faculty Research

Silencing Concerns of Pesticide Pollution in French West and Equatorial Africa

Jessica Gruber
Mentor: Sarah Hardin
Project Site: Allegheny College
Major/Minor: History/French
Funding: Andrew W. Mellon Foundation - Undergraduate Research in the Humanities Fund

¿Por qué creyó? A Study of Cuban Identity and Support for the Revolution

Kaitlyn Torres
Mentor: Barbara Riess
Project Site: Allegheny College
Major/Minor: Spanish and Philosophy double major/Political Science minor
Funding: Andrew W. Mellon Foundation - Undergraduate Research in the Humanities Fund

Computerized method of measuring contact angles

Ariel Statman and Mark Seraly
Mentor: Adele Poynor
Project Site: Allegheny College
Major/Minor of First Author: Major/Philosophy
Funding: Shanbrom Student and Faculty Research Fund
Success Abroad: Driving the Experience Home
Alexander Bennett
Mentor: Ishita Sinha Roy
Project Site: Allegheny College
Major/Minor: English/History
Funding: Andrew W. Mellon Foundation - Undergraduate Research in the Humanities Fund

Identifying the Most Informative Single Nucleotide Polymorphisms in the Domestic Dog Mitochondrial Genome
Andrew Culp
Mentor: Kristen M. Webb
Research Site: Allegheny College
Major/Minor: Biology/Psychology
Funding: Work Study

Did You Know?

75 students conducted research on the Allegheny College campus during the Summer of 2011.