Summer Fellows:

Roxanne Able
Major: Biophysics
Experimentally Verifying Results in Granular Dynamics Simulations
Mentored by Jon Bougie, Physics

Michelle Amiott
Major: Anthropology, Biology
Youth Garden Curriculum Development
Mentored by Nancy Tuchman, Biology, CUERP

Anthony Betori
Major: English
Religious Themes in Sufjan Stevens: A 21st Century Commentary on Religious Anxiety
Mentored by Jack Kerkering, English

Rose Brickley
Major: Anthropology
A Dual Investigation in Urban Re-Invigoration: studying the effectiveness and efficiency of an alternative irrigation system for container-gardening on campus, and examination of human response to vegetation in blighted urban spaces.
Mentored by Charles White, Natural Sciences & Judy Wittner, Sociology

Anne Burkhardt
Major: Social Work
Women Rising Up: Understanding Female Involvement in Work, Politics, and Revolution
Mentored by Alison Staudinger
Andrew Canning
Majors: Biology, Economics
Folate Absorption in Zebrafish for use in Photodynamic Therapy
Mentored by Eric Schroeter, Biology

Mumtaj Chand
Majors: Biology, Psychology
Assessing Bone Regeneration using Mobilized Stem Cells
Mentored by Dawn Franks & Margaret McNulty

Miraj Chokshi
Majors: Psychology: Natural Science
Neural Correlates of Relational and Featural Similarity Processing
Mentored by Robert Morrison, Psychology

Amanda Cimaroli and Nicole Howver
Major: Social Work
Developing Employment Hope as a Pathway to Self-Sufficiency: Implications for Program Development
Mentored by Philip Hong, Social Work

Angeline David
Major: Biology/Molecular Biology Emph
Using C:N ratio of phytoplankton, oyster waste, and sediment to explain the effect of oyster restoration on N cycling in urban estuaries
Mentored by Timothy Hoellein, Biology

Kyle Geary
Major: Biology/Molecular Biology Emph
New Supramolecular Scaffolds via the Synthesis of Novel N3-CTV Derivatives
Mentored by Daniel Becker, Chemistry

Patrick Gombert
Major: Computer Science
Using FUSE and REST to Integrate Remote and Local Data Sources
Mentored by Konstantin Läufer, Computer Science

Laura Grenlin
Major: Biology/Molecular Biology Emph
Characterization of Beta Satellite on HC21p
Mentored by Jeffrey Doering, Biology
Kyle Haselton
Major: Psychology
Investigation of a Putative Oxidative Sensing Protein in the Malaria Parasite Plasmodium
Mentored by Stefan Kanzok, Biology

John Juranek
Major: Biology
How did diet and feeding behavior evolve in birds?
Mentored by Sushma Reddy, Biology

Navya Kamath
Major: Psychology
Varying Conversational Goals as Events Unfold: Impacts on Maternal Elaborativeness and Children's Recall
Mentored by Catherine Haden, Psychology

Faaria Khan
Major: Biology
Impacts of Nanomaterials on Aquatic Microbial Communities
Mentored by John Kelly, Biology

Kendall Kling
Major: Biology/Molecular Biology Emph
Enzyme Promiscuity of Lactonase AiiA, an Implication to Molecular Evolution
Mentored by Dali Liu, Chemistry

Matthew Kmiecik
Major: Psychology
Electrophysiology of Verbal Analogical Reasoning
Mentored by Robert Morrison, Psychology

Timothy McAlister
Major: Psychology
Solving the Bi-Equation: Differences in Sexual Development and Connectedness between Homosexual, Heterosexuals, and Bisexual Individuals
Mentored by Anthony Burrow, Psychology

Katarzyna Opalacz
Major: Social Work
Foster Children Aging Out of the System
Mentored by Julia Pryce, Social Work
Marco Palomo  
Major: Chemistry / Biochemistry  
*Testing Singlet Oxygen Production and Localization of Photodynamic Therapy Agents*  
Mentored by Ken Olsen, Chemistry

Raj Patel  
Major: Biology  
*chAB4 in Human Chromosome 21 p-arm: Analysis of Chromatin Structure Histone Modifications*  
Mentored by Jeffrey Doering, Biology

Kara Podjasek  
Major: Nursing  
*The Sunshine Study*  
Mentored by Sue Penckofer, Nursing

Leslie Proudfoot  
Majors: Environmental Studies and Political Science  
*Exploring Coffee Composting*  
Mentored by Charles White, Natural Sciences & Lane Veil, CUERP

David Ridder  
Majors: Biology, Chemistry  
*Characterization and Activation of Tetrahedral Shaped Aminopeptidase*  
Mentored by Dali Liu, Chemistry

Zachary Romer  
Major: Bioinformatics  
*Does Pathogen-Host Genome Composition Correlation Infer Virulence and Host Range?*  
Mentored by Catherine Putonti, Biology and Computer Science

Sharika Sanku  
Major: Philosophy  
*Parkinson’s Symptom Assessment Tool Adaptation*  
Mentored by Ninith Kartha

Shermin Sayani  
Major: Chemistry  
*Phenothiazine Based Photosensitizers: A Possible Cure for Cancer*  
Mentored by David Crumrine, Chemistry

Carlene Schleisman  
Major: Chemistry / Biochemistry
Conformational Dynamics and Biomimetic Host-Guest Binding of N3-CTV
Mentored by Daniel Becker, Chemistry

Chelsea Taylor
Major: Social Work
Content Analysis of Supervision Articles in Journals
Mentored by Carlean Gilbert, Social Work

John Thompson
Major: Biology
Mutation Accumulation within Viral Species
Mentored by Catherine Putonti, Biology and Computer Science

John Versnel
Major: Mathematics
Small Functionals for Seaweed Lie Algebras
Mentored by Anthony Giaquinto and Aaron Lauve, Mathematics

Ted Vlahos
Major: Biology, Bioinformatics
Patterns of Origination and Rate of Evolution of Indels in Avian Genome
Mentored by Sushma Reddy, Biology

Academic Year Fellows:

Angela Dao
Major: English
Enriching the Minds of Young Adults: Rewriting Greek Mythology into Contemporary Conversation
Mentored by Edith Livermore, Classical Studies

Donna Flores
Major: Psychology
Preschoolers’ Academic Skills as Indicators of School Readiness: Measurement and Teacher Views
Mentored by Christine Li-Grining, Psychology

Amelia Hudson
Major: Visual Communication
Artists of Artemisia Archive Website
Mentored by Nicole Ferentz, Fine Arts
Ashton Kemerling and George Vasels
Majors: Computer Science, Mathematics; Software Development
Tools for the Creation and Maintenance of Course Schedules
Mentored by Ronald Greenberg, Computer Science

Angelica Krajewski
Majors: English, International Studies
Polish Memoirs From 1795 to 1914: The Contribution of Memoirs by Polish Émigré Writers in Preserving Polish Culture During the Long Century the Country Disappeared
Mentored by Dan Vaillancourt, Philosophy

Pauline Lacson
Majors: Early Childhood/Special Educ.
Early Childhood Educators’ Conceptualizations of Culturally Competent Practice
Mentored by Adam Kennedy, Early Childhood Special Education

Sahar Lewis
Majors: Biology, Psychology: Natural Science
The Influence of Adult-versus Child-directed Television Programs on Distractibility in Preschoolers
Mentored by Kathleen Kannass, Psychology

Fotis Manousogianakis
Majors: Classical Civilization, Intl Film & Media Studies
Folklore in Isolated Mountain Villages of Crete
Mentored by Brian Lavelle, Classical Studies

Sophia Mir
Majors: Biology, Psychology
Preschoolers’ Self-Regulation as an Indicator of School Readiness: Measurement and Parental Views
Mentored by Christine Li-Grining, Psychology

Jaclyn Moloney
Major: Psychology
Personality and Relationships
Mentored by Tracy DeHart, Psychology

Marylin Palackel
Major: Biology
Testing a Split-Fovea Model of Visual Word Recognition
Mentored by Anne Sutter, Psychology
Nirav Patel
Majors: Biology, Psychology: Social Science
*The Role of Inhibition in Determining Political Ideology*
Mentored by Robert Morrison, Psychology

Jacob Runkel
Majors: Accounting, Economics, Finance
*The Successes and Shortcomings of Microenterprises in Africa*
Mentored by Dan Vaillancourt, Philosophy

James Siegel
Major: Religious Studies
*Faith among the Lhotshampa People in Chicago*
Mentored by Daniel Amick, Anthropology

Sarah Smith
Major: International Studies
*Developing Well-Researched and Well-Designed Educational Materials for Iraqi Refugees*
Mentored by Joyce Epolito, Fine Arts

Erin Summerlee
Major: International Studies
*Global Advocacy Coalitions: NGO/IGO Collaboration and Impacts on Policy and International Norms*
Mentored by Alex Grigorescu, Political Science

Claire Surma
Major: International Studies
"Deep listening and loving speech": A qualitative assessment of nonviolent communication from an Engaged Buddhist perspective
Mentored by Elizabeth Lozano, Communication