

2008 FACULTY DEVELOPMENT STUDENT/FACULTY SUMMER RESEARCH AWARDS

#Project Title: Lake Communities and the Politics of Space and Sustainability
Faculty Sponsor: **Mona Bhan** (Assistant Professor of Anthropology and Sociology)
Graduate: *+Nishita Trisal

Project Title: Exploring 2-photon Transitions in Rubidium
Faculty Sponsor: **John Caraher** (Associate Professor of Physics and Astronomy)
Students: Avery Archer and David Good

Project Title: Purification of Soluble Ebolavirus NP Using *S. Cerevisiae* and Other Viral Proteins
Faculty Sponsor: **Sharon Crary** (Assistant Professor of Chemistry and Biochemistry)
Student: Heather Jeffries

Project Title: Genetic and Environmental Contributions to Variation in Anthocyanin Production and Photosynthetic Rate in *Apocynum Cannabinum*
Faculty Sponsor: **Dana Dудle** (Associate Professor of Biology)
Students: Erica Ross

Project Title: Microwave Reactions and Ligand Melts for the Synthesis of New Metal-Organic Frameworks in Ionic Liquids
Faculty Sponsor: **Hilary Eppley** (Associate Professor of Chemistry and Biochemistry)
Student: Gleason Wilson

Project Title: Solvothermal Reaction Conditions and Mechanical Combination for the Synthesis of New Metal-Organic Frameworks in Ionic Liquids
Faculty Sponsor: **Hilary Eppley** (Associate Professor of Chemistry and Biochemistry)
Student: Ryan Bomalaski

Project Title: Characterization of the Homeobox Gene #13 in Salamanders and Rotifers
Faculty Sponsor: **Chet Fornari** (Professor of Biology)
Student: Amanda Meyer

#Project Title: Putnam County Service Theatre: Laying the Groundwork for a Community-Based Performance Troupe for Greencastle and the Surrounding Area
Faculty Sponsor: **Tim Good** (Associate Professor of Communication and Theatre)
Students: Lindi Conover, Emily Terrell, #Trisha Himmelein, and #Hang Ngo

Project Title: Measuring the Neutron Depolarization Upon Capture on Deuterium
Faculty Sponsor: **Alexander Komives** (Assistant Professor of Physics and Astronomy)
Student: Shelby Vorndran

+Project Title: Apoptosis and Remodeling in a Zebrafish Model of Heart Disease
Faculty Sponsor: **Pascal Lafontant** (Assistant Professor of Biology)
Student: Ben Golden

Project Title: Development of a Web-Based Searchable GIS Database: Geology of the St. Francois Mountains, Missouri

Faculty Sponsor: **James Mills** (Professor of Geosciences)

Student: Allison Barnes

Project Title: Romance of the Three Kingdoms

Faculty Sponsor: **Sherry Mou** (Associate Professor of Modern Languages)

Student: Ryan Johnson

Project Title: Developing An Enantioselective Epoxidation Reaction

Faculty Sponsor: **Salvatore Profeta, Jr.** (Associate Professor of Chemistry and Biochemistry)

Students: Bradley Riley and Ian Boyd

Project Title: 5-HT_{2C} Receptor Expressing Cells in the Olfactory Organ of Zebrafish Larvae

Faculty Sponsor: **Henning Schneider** (Associate Professor of Biology)

Student: Kathleen Mittendorf

Project Title: Manuscript Preparation: The Pathway to Hegel's *Phenomenology of Spirit*

Faculty Sponsor: **Daniel Shannon** (Professor of Philosophy)

Student: David Cylkowski

Project Title: The Role of Mud-Dwelling Insects in Lake Erie Hypoxia

Faculty Sponsor: **Fred Soster** (Professor of Geosciences)

Student: Miles Reed

+Project Title: Inter-Group Disparity in Venezuela

Faculty Sponsor: **Kellin Stanfield** (Assistant Professor of Economics and Management)

Student: Paul Taylor

Project Title: Schedule-induced Polydipsia in the BALB/c Mouse

Faculty Sponsor: **Carrie Van Brunt** (Assistant Professor of Psychology)

Student: Ashley Lytle

*Deferred project from 2007.

+Funded with Administrative Supplemental funds.

#Ethnic-related awards.