

2013-2014 Office of Undergraduate Research Funded Projects

Student Name		Faculty Mentor Name		Department	Title of Project
Clint	Alfaro	Terence	Nile	Chemistry & Biochemistry	Synthesis and Catalytic Activity of Novel Ligands
Denise	Amaya	Sharon	Morrison	Public Health Education	La familia and HIV Testing Among Latina Women
Matthew	Ballard	Kimberly	Petersen	Chemistry & Biochemistry	Accessing Bicyclic Structure through Enantioselective One-Pot Cascade Reaction
Cyrus	Banikazemi	Donna	Nash	Anthropology	Examining the Use of Residential Areas at Cerro Mejia Using Portable XRF
Stephanie	Brabec	Susan	Andreatta	Anthropology	An Analysis of the Maintenance of Culture by Immigrant Women Living in Toledo, Spain
Kyle	Brunner	Asa	Eger	History	The Hybridization of Byzantine and Islamic Urban and Economic Culture During the Seventh and Eighth Centuries: An Archaeological and Linguistic Assessment
Kelley	Camden	Ann	Dils	Dance, Women's and Gender Studies	Democratization of Education: Using Online Technology to Increase Access to Quality Dance Education
Dominick	DeFelice	Olav Jan	Rueppell Rychtár	Biology Mathematics & Statistics	Comparative Studies of Mating and Virus Loads in Multiple Populations of the Eastern Honey Bee
Jordan	Eliseo	Maya	Chhetri	Mathematics & Statistics	Analysis of a Predator-Prey Model in the Presence of a Super Predator
Fatu	Faye	Chanelle	James	Marketing, Entrepreneurship, Hospitality, & Tourism	Temporary Employment Opportunities for Citizens Experiencing Homelessness: Staffing Agency at the Interactive Resource Center
Miranda	Fleming	Donna	Nash	Anthropology	Elite Inter-marriage on the Wari-Tiwanaku Frontier: Spindle Whorls and Spinning Technology as Indications of Ethnic Difference
Bryce	Gardner	Selima	Sultana	Geography	A Geographical Assessment of the Importance of Route Connectivity for Active Transportation Modes to School
Emily	Gering	David	Wharton	Classical Studies	Development in Latin's Basic Color Terms
Carter	Gunn	Esther	Leise	Biology	Localization of the Neurotransmitter GABA in the Developing Nervous System of the Eastern Mud Snail
Anna	Hambly	Hannah Rose	Mendoza	Interior Architecture	The WikiD Collective: A Visual History of Interior Space
Patrick	Honeycutt	Kimberly	Petersen	Chemistry & Biochemistry	New Applications for Iron Catalysis in Organic Chemistry
Dagmar	Irrig	Seung-Hyun	Lee	Media Studies	The Links Between Health Literacy and Use of Health Care Services Among Montagnard Refugees and Immigrants: The Effective Health Communication for Health Promotion
Luke	Kaiser	Jeffrey	Soles	Arcaeology & Classics	Characterizing Rural Fortifications during the Hellenistic Age with Remote Sensing and GIS
Shanda	Knouse	Karen	LaParo	Human Development & Family Studies	Family Experiences of Mexican Immigrant Couples in North Carolina at the Advent of the Great Recession
David	Koppang	Joanne	Murphy	Classical Studies	Schist Geology and Neolithic/Early Bronze Age Site Visibility/Kea Archaeological Research Survey
Elizabeth	Launt	Susan	Andreatta	Anthropology	Impact of Natural Resource Extraction on Indigenous Communities in Napo Province, Ecuador
Sebastian	Lindquist	Richard	Cox	Art/IARC	Portable Electronics Development System
Jessica	MacNair	David	Teachout	Music Education	Music and Language in Short Term Memory: Comparing the Encoding and Storage Stages
Ryan	MacPherson	Christopher	Rhea	Kinesiology	Development of Interactive Walking Avatars within a Virtual Environment
Benjamin	Manifold	Sebastian	Pauli	Mathematics & Statistics	
Alyssa	Mielock	Peter	Delaney	Psychology	Is the Directed Forgetting Effect Obtainable in Dysphoric People?
Sally	Mountcastle	Cerise	Glenn	Communication Studies	Engaging Middle School Children in Discourses of Identity, College, and Careers
Daniel	Nasrallah	Mitchell	Croatt	Chemistry & Biochemistry	Exploration of New Reagents to Access Novel Reactivity
Thomas	Parrish	Matina Sebastian	Kalcounis-Rueppell Pauli	Biology Mathematics & Statistics	
Sydney	Pugh	Rosemary	Nelson-Gray	Psychology	The Process and Benefits of Friendship for Boys Aged 8-12 with Autism Spectrum Disorders
Holly	Riley	Rebecca	MacLeod	Music Education	IOLA and Music Education: Low-Latency Audio/Visual Technology and Improvisation in Music Education
Caitlin	Ross	Olav Jan	Rueppell Rychtár	Biology Mathematics & Statistics	
Rachel	Sanders	David	Gwynn	University Libraries	Preserving Local History: A Field-Based Digitization Pilot Project
Sommayah	Sayed	Mitchell	Croatt	Chemistry & Biochemistry	Exploration and Optimization of a Novel Decarboxylative Coupling Reaction
Joylyn	Troyer	Travis	Hicks	Interior Architecture	Sustainable Glenwood: Preservation Guidelines for Sustainable Community Development
Karina	Valezquez	Sharon Sudha	Morrison Shreeniwas	Public Health Education Human Development & Family Studies	
Maylee	Vazquez	Heather	Helms	Human Development & Family Studies	Family Experiences of Mexican Immigrant Couples in North Carolina at the Advent of the Great Recession
Devotne	Wells	Duane Anthony	Cyrus	Dance	Accessing the Historical Legacy of Traditional Jazz Dance Performance in American Culture
Philip	Wingfield	Patricia	Gray	Music Research Institute	Evolution and Development of Rhythmic Communication in Apes
Claire	Wright	Patricia	Gray	Music Research Institute	Marine Animal Communication Systems at the Meso-American Reef
Lindsey	Yemc	Keith	Erikson	Nutrition	Obesity Increases the Risk for Neurodegeneration through the Alteration of Iron-Related Genes
Emalee	Zingher	Esther	Leerkes	Human Development & Family Studies	How Quickly Mothers Respond to their Infants' Cries: The Role of Context, Infant Age, and Mothers' Childhood Experiences