

2013 Research & Creative Activities Program

Award Recipients & Project Titles

College of Education & Behavioral Sciences

Xiaoxia "Silvie" Huang	School of Teacher Education	Example-based Learning: Effects of Different Types of Examples on Student Learning, Transfer, Cognitive Load and Self-Efficacy
J. Dusteen Knotts	School of Teacher Education	Teacher Collaboration to Assist Special Learners in a Kentucky Mennonite Community
Elena Novak	School of Teacher Education	Using Video-Based Simulations to Increase Social Skills among Individuals with Autism
Christina (Roantree) Noel	School of Teacher Education	Disruptive Behavior and Increase Appropriate Behavior for Students on the Autism Spectrum Disorder

College of Health & Human Services

Rose Korang-Okrah	Social Work	Ghanaian (Akan) women's experiences of widowhood and property rights violations: A participatory action research
Jill Maples	Kinesiology, Recreation & Sport	Severely Obese Skeletal Muscle is Metabolically Inflexible
Jo Schackelford	Communication Disorders	Raising law enforcement officer awareness of TBI signs: A training module
Jonghee Shim	Family & Consumer Sciences	Child care quality in preschool classrooms and school readiness

Gordon Ford College of Business

Dawn Bolton	Management	New Menu Labeling Requirements for Retail Food Chains: Impact on Small Business Restaurants
Afzalur Rahim	Management	Relationships of Social Intelligence to Creative Performance, Conflict Management Strategy, and Satisfaction
Leyla Zhuhadar	Computer Information Systems	Examining the Impact of Course Sequencing as Pathways to Success in STEM

Ogden College of Science & Engineering

John All	Geography & Geology	Aerosol Deposition on Tropical High Mountain Glaciers, Cordillera Blanca, Peru
Amy Brausch	Psychological Sciences	Development of non-suicidal self-injury, suicidality, and disordered eating in adolescents

Rajalingam	Dakshinamurthy	Chemistry	Green Gold Nanoparticles for Catalytic Activity
Josh	Durkee	Geography & Geology	Assessing extreme event moisture source trajectories in subtropical South American thunderstorms using isotope determination
Chandrakanth	Emani	Biology	Basil plant as a phytopharmaceutical source to treat cancer
Nahid	Gani	Geography & Geology	Tracing the Geomorphic Signature and Tracking Detrital Rock Record to understand Himalayan Unroofing
Nahid	Gani	Geography & Geology	(U-Th)/He modeling test of the Ethiopian Plateau, East Africa to constrain incision and uplift history
Muhammad	Jahan	Architect & Manufacturing Sciences	Micro Scale Electrical Discharge Machining of Aerospace Materials
Jarrett	Johnson	Biology	Patterns of Range-wide Genetic Variation in the Cave Salamander (<i>Eurycea lucifuga</i>)
Keith	Philips	Biology	Phylogeography and systematics of cave carabid beetles in Eastern Northern America
Nancy	Rice	Biology	The Molecular Epidemiology of Essential Hypertension in Kenya
Shivendra	Sahi	Biology	Toxicological Evaluation of Plant-Synthesized Gold nanoparticles
Amber	Schroeder	Psychological Sciences	The Development of Contextualized Measures of Individual Culture
Cangliang	Shen	Biology	Thermal inactivation of shiga toxin-producing <i>Escherichia coli</i> (STEC) in veal products moisture enhanced with essential oils
Michael	Smith	Biology	Finding novel platinum(II) complex anti-cancer drugs with reduced ototoxicity
Ajay	Srivastava	Biology	Identification of Basement Membrane associated proteins using Mass Spectrometry and <i>Drosophila</i> Genetics
Micheal	Stokes	Biology	Influence of rodents on recruitment of ecologically and economically important tree species in decline in South Africa
Brandy	Tiernan	Psychological Sciences	The Effects of Borderline Personality Disorder on Proactive and Reactive Control
Kevin	Williams	Chemistry	Structure-activity relationships of platinum(II) anticancer drug analogs

Potter College of Arts & Letters

Elizabeth	Alsop	English	Making Conversation: The Poetics of Dialogue in Modernist Fiction
Audrey	Anton	Philosophy & Religion	Aristotle's Vice
Ann	Ferrell	Folk Studies & Anthropology	Kentucky Women in Agriculture: Women and the Changing Agricultural Landscape
Jennifer	Hanley	History	Magnolia Blossoms in the White City: Southern Women and the World's Columbian Exposition of 1893
Jerod	Hollyfield	English	The Assisted Stories Project
Angela	Jerome	Communication	Unheard Voices: Understanding the Communication of Female Intercollegiate Athletes and their Coaches
Alison	Langdon	English	"Neither Person Nor Beast": Dogs as the Liminal Human in Medieval Literature
Michael	Nichols	Art	Refresh; Exploring Contemporary Applications of Buon Fresco
Beth	Plummer	History	Fighting for the Keys: Multiconfessional Nuns between Cooperation and Discord in Early Modern Germany
Shura	Pollatsek	Theatre & Dance	The Costumes of Santa Fe Opera
Lindsey	Powell	Folk Studies & Anthropology	Preliminary Research on Japanese War Criminals and War Crimes Trials in China
Eric	Rivera	Theatre & Dance	International Contemporary Ballet Festival in Rhode Island

University College

Alexander	Olson	Honors Academy	The People's Classroom: American Modernism and the Struggle for Democratic Education, 1860-1940
Judy	Rohrer	Diversity and Community Studies	Staking Claim: Race & Indigeneity in Hawai'i

2013 Interdisciplinary Research & Creative Activities Program (iRCAP)

Award Recipients & Project Titles

Lance	Hahn	Psychological Sciences	
Phil	Womble	Physics & Astronomy	Neural Linguistic Vectorization as a Cyberthreat Interdiction Tool
Keith	Andrew	Physics & Astronomy	
Chris	Wright	Physics & Astronomy (Grad. Student)	
Molly	Kerby	Diversity & Community Studies	
Gayle	Mallinger	Social Work	Nurturing a Community Garden
Jeanine	Huss	School of Teacher Education	
Martin	Stone	Agriculture	
Edward	Kintzel	Physics & Astronomy	
Takeshi	Egami	University of Tennessee, Knoxville	Oriented PEDOT Nanotube Arrays for Novel Fuel Cell Applications
Adam	Rondinone	Oak Ridge National Laboratory	
Sara	Northerner	School of Professional Studies	
Mary	Carothers	Hite Art Institute (Univ. of Louisville)	Spaces of Transition: Contemporary Public Art and Urban Street Art as Community Reflection
Jason	Polk	Geography & Geology	
Leslie	North	Geography & Geology	Combining Science and Education to Improve Stormwater Management Practices and Groundwater Quality in Urban Karst Landscapes
Chris	Groves	Geography & Geology	
Tim	Slattery	Bowling Green Dept. of Public Works	
Chad	Snyder	Chemistry	
Darrin	Smith	Eastern Kentucky University	Organometallic Furan and Pyridazine Derivatives for Solar Energy Capture: Characterization using DART-MS
Blair	Thompson	Communication	
Holly	Payne	Communication	K-12 School Crisis Communication Planning
Angela	Jerome	Communication	
Gail	Kirby	School of Teacher Education	
Joseph	Mazer	Clemson University	