

2012 Research & Creative Activities Program
Award Recipients & Project Titles

College of Education & Behavioral Sciences

Jennifer	Cribbs	School of Teacher Education	Students' Experiences with Mathematics: Deepening Our Understanding of Persistence Toward STEM Fields
Diane	Lickenbrock	Psychology	The development of emotion regulation within the parent-infant relationship: Intrinsic and extrinsic contributors
Stephen	Miller	Ed. Admin., Leadership, & Research	Kentucky's Standards and Indicators for School Improvement: Developing and Validating Scales Based on Teachers' Perceptions
Jenni	Schelble	Psychology	Altering Students' Theories of Creativity to Improve Creative Problem-Solving
Matthew	Shake	Psychology	The Effects of Aging on Mindless Reading

College of Health & Human Services

Mark	Schafer	Kinesiology, Recreation & Sport	Evaluation of post-exercise hypotension in sedentary prehypertensive individuals following intermittent and continuous exercise bouts
Janice	Smith	Communication Disorders	Assessment of Problem Solving in Children with and without Autism Spectrum Disorders
Helen	Zhu	Public Health	A cost-effective colorectal cancer early diagnosis protocol: sequential combination of serum pyruvate kinase isoenzyme M2 and colonoscopy for CRC prevention and control in WKU Community

Honors College

Elizabeth	Gish	Honors College	Longing: Sexual Purity, Virginity, and Abstinence in the United States Today
Clay	Motley	Honors College	Clarksdale at the Crossroads

Ogden College of Science & Engineering

Noah	Ashley	Biology	Measuring sleep in small songbirds
Jennifer	Cole	Geography & Geology	Mineral Identification in Saharan Dust Samples Spanning the Last 25,000 Years

Eric	Conte	Chemistry	A pH switchable surface to the trapping and release of important molecules
Rajalingham	Dakshinamurthy	Chemistry	Examination of Antibacterial Properties of Saccharide Coated Gold Nanoparticles
Rajalingham	Dakshinamurthy	Chemistry	Cytotoxicity and Administrative Study of Saccharide-GNP in Mice
Carl	Dick	Biology	Flying under the radar: Immunological compatibility reinforces host specificity in bloodfeeding parasites
Xingang	Fan	Geography & Geology	Coupled Landscape/Atmosphere Interactions: Improved Atmospheric Modeling in the Central US Karst Region Through Incorporation of Real-World Hydrological Data
Muhammad	Jahan	AMS	Sustainable machining of aerospace materials
John	Khouryieh	AMS	Enhancing the Oxidative Stability of Omega-3 Polyunsaturated Fatty Acids into Foods Using Combinations of Protein and Polysaccharide Biopolymers
Matthew	Nee	Chemistry	Raman spectroscopy
Leslie	North	Geography & Geology	Investigating Instructional Visualizations Using Eye-Tracking: Seeing Through the Complexities of Karst Environments
Jason	Polk	Geography & Geology	Water for the People: Investigating the Impacts of Storm Events and Climate Change on Water Resources in Vulnerable Coastal Karst Communities in Belize
Hemali	Rathnayake	Chemistry	Power Generation from Heat Utilizing Carbon-based Macromolecules
Nilesh	Sharma	Biology	Effects of titanium dioxide nanoparticles-exposure on inflammatory responses in mice
Potter College of Arts & Letters			
Dorothea	Browder	History	'24,000 Years of Textile Romance': The YWCA Industrial Program in Rhode Island's Textile Cities
Lisa	Draskovich-long	Theatre & Dance	Outside-In, an evening length, multi-disciplinary performance for submission/ presentation at the Oregon Shakespeare Festival, Chicago Harvest Festival and NYC Fringe festival
Chunmei	Du	History	Ethnic Minorities and Chinese Identities

Eric	Kondratieff	History	Tribunes and the Tribunate in the Roman Republic
Beth	Plummer	History	Prison Tales: Clerical Resistance, Episcopal Authority, and the Creation of Lutheran Heroes in the Early German Reformation
Shura	Pollatsek	Theatre & Dance	Costume Design for Halcyon
Tamara	Van Dyken	History	Evangelical Feminism as a Social Movement in Postwar America
Michael Ann	Williams	Folk Studies & Anthropology	Traditional Cultural Properties II: Survey and Nomination of Puerto Rican Casitas in New York City

University Libraries

Haiwang	Yuan	Library Public Services	A book project on Tibetan Tales to be collected through field work in Tibet and Tibetan habitats elsewhere in China such as Sichuan and Qinghai
---------	------	-------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

2012 off-cycle RCAP awards

Potter College of Arts & Letters

Kristina	Arnold	Art	The Fragile Connection: Glass, Art, Body, Brain, Site
Brent	Oglesbee	Art	Art Department Electrical Project