

College of Education and Behavioral Sciences

Dane Adkins	Jenni Redifer	Music Complexity and Recall Ability
Ariana Kuhn	Steve Wininger	Time versus Distance: Which is better for aerobic exercise outcomes?

College of Health and Human Services

Maleah Boisture	William Mkanta	An Investigation of the Factors Influencing Transmission of HIV among Older Adults: Learning from the Differences between US and Tanzania
Hannah Fickey	Rachel Tinius	The 6 minute walk test and the YMCA cycle ergometry test: Can they predict VO2max in pregnancy?
Jessica Grant	William Mkanta	A Comparative Analysis of Health Insurance Plans and Coverage between Tanzania and Rural United States
Brooke Grimes	Jill Maples	Association between total dietary fat consumption, processed food consumption and the presence of Pro-Inflammatory Markers
Gabrielle Ringenberg	Rachel Tinius	Testing the validity of a submaximal exercise test in obese women
Elizabeth Willenbrink	Gayle Mallinger	The Impact of Community Gardening on Food Sufficiency and Engagement among African Refugees

Gordon Ford College of Business

Jessica Hena-Barragan	Ismail Civelek	Cross-cultural comparison of credit transfer practices, lending and pricing policies in North America, Europe, and the Middle East
Zachary Ross	Leyla Zhuhadar	Too big to fail? Or too blind to see? Profit Analysis
Corey Travis	Leyla Zhuhadar	Making the most of intelligence: Data Mining for Customer Loyalty

Ogden College of Science & Engineering

Bryce Aberg	Farhad Ashrafzadeh	Development of a Low Cost Portable Electronics Lab- Anytime, Anywhere
Bryce Aberg	Sanju Gupta	Design and Development of Rechargeable Metal-ion Air Batteries as Efficient Energy Devices
Fahad Alanazi	Muhammad Jahan	Experimental investigation into the micromachining of difficult-to-cut glass materials
Afolasayo Aromiwura	Ajay Srivastava	A Secondary Screen for Basement Membrane degraders in Drosophila

Lauren Bailes	Diane Lickenbrock	Parental Sensitivity Predicted by Parent Personality and Infant Temperament
Chelsea Ballard	Jason Polk	Characterizing carbon transport and storage in a complex karst groundwater reversal system at Mammoth Cave, Kentucky
John Bertram	Matthew Nee	Evolving Electrical Conductivity in Polydimethylsiloxane for Thermoelectric Materials
Amber Bishop	Noah Ashley	The Link between Circadian Rhythms and the Immune System of captive Zebra Finches
Trevor Brown	Jeffrey Galloway	Creating a Web-Based Interface for Managing and Utilizing Virtual Computing Architecture
Brody Bruns	Jeffrey Galloway	Internet of Things in the Classroom
Aaron Brzowski	Bruce Kessler	Domain Decomposition Methods for Wireless Networks
Joshua Castlen	Chandrakanth Emani	A lab-based study documenting curcumin and black pepper extract as potential cure for polycystic kidney disease
Jayson DeGraves	Farhad Ashrafzadeh	Virtual Air Flor Sensing in Clothes Dryers- A No Cost Approach to a Real Problem.
Brittany Dixon	Chandrakanth Emani	Sorghum and Rice Tissue Cultures as phytopharmaceutical (plant based) treatment options for Cancer
Catherine Dowell/ Stevie Hoyng	Farley Norman	Haptic and visual perception of 3-D object shape
Davis Elliott	Philip Lienesch	Stream health assessment based on direct fish and invertebrate sampling versus water quality data collected by a citizen science group
Katherine Everson	Aaron Wichman	Minds changed are Lives Saved: Laying the Groundwork for Attitude Change Interventions to Combat Extremism
Linyue Fan	Ajay Srivastava	Characterizing the function of the pebble gene in <i>Drosophila</i> metamorphosis
Paula Floyd	Amy Brausch	The role of college involvement and belongingness in explicit and implicit suicide ideation in college students
Christopher Goulet	Jeffrey Galloway	Cloud Platform for Education
Steven Green	Dominique Gumirakiza	Explaining Preferences, Perceptions, and Willingness to Pay for Differentiated Beef Products among Millennial Consumers
Denis Hodzic	Michael Smith	Investigating the Synergistic Effects of Cisplatin and Two Curcuminoid Compounds on Cancer
Jacob Hubbuch	Rajalingam Dakshinamurthy	Novel Self-Patented Hydroxylchalcone Gold Nanoparticles for Antineoplastic Activity
Nicholas Johnson	Chandrakanth Emani	Sassafras tissue culture extracts as plant based treatment options for cancer
Mary Catherine Kamer	Dominique Gumirakiza	Application of Financial Guidelines for Agricultural Producers and Its Impact on Farm Profitability in Kentucky
Muhammad Salal Khan	Morteza Nurcheshmeh	The Etching Processes: Applications in Metal Forming
Nathan Lasley	Robert Choate	An Analysis of HVAC Computer Modeling
Victor Lecoffre	Shahnaz Aly	The Notion of Space in Architecture

Janice LeMaster	Albert Meier	The Effect of Rainfall on Spring-flowering Herbs of Easter Forests
Hana Nezirovic/ Quintin Lyttle	Amber Schroeder	The Effects of Negative Salience on Employers' Ratings of Applicant Facebook Profiles
Jonathan Malone	Rui Zhang	Sunlight driven biomimetic oxidations by manganese porphyrin catalysts
Logan Mitchell	Rezaul Mahmood	An Analysis of Urban Heat Islands in Kentucky
Harsh Moolani	Rajalingam Dakshinamurthy	Ceftriaxone capped gold nanoparticles against multi drug resistant bacteria
Bethany Oaks	Chandrakanth Emani	Tobacco as a plant-based pharmaceutical for cancer treatment
Cory Owens	John Khouryieh	Effect of pH on the physical and oxidative stability of xanthan-locust bean gum stabilized fish oil-in-water emulsions
Sanida Palavra	Michael Smith	Mechanoreceptors in Chameleons (<i>Chamaeleo senegalensis</i>) for Seismic Communication
Abigail Ponder	Leslie North	Preserving Identity through Tourism: An Exploration of Cultural & Natural Identity in Cuba and Mammoth Cave National Park
Thomas Poole	Thomas Kingery	Use of STEM Teaching Methods in Kentucky Secondary Schools
Lydia Ramsey	Shahnaz Aly	Designing to Last
Davis Ranburger	Rui Zhang	Photosynthesis and Kinetic Studies of Porphyrin-Iron (IV)-Oxo Radical Cations
Millicent Ronkainen	Rodney King	Characterizing Transcription Antitermination in Bacteriophage VT2phi_272, an <i>E. coli</i> Phage Associated with Bacterial Pathogenicity
Wesley Russelburg	Robert Choate	The Effect of Wind On Blower Door Testing
Kamryn Smith	Moon-Soo Kim	Engineering of DNA-binding proteins for identification of Genetically Modified Organisms
Paula Stepp	Rajalingam Dakshinamurthy	Biofriendly Synthesis of Meropenem Conjugated Gold Nanoparticles and Evaluation of their Antibacterial Activity.
Levi Travis	Andy Mienaltowski	Inoculation of Emotional Reaction to Market Volatility When Investing
Jessica Vincent	Jarrett Johnson	Genetic Analysis of a California Newt (<i>Taricha torosa</i>) metapopulation
Riley Walch	Morteza Nurcheshmeh	Exploring High-Speed Deformation Processes

Potter College of Arts & Letters

Rachel Bravenec/ Taylor Dant/ Hadley Rouse/	Liza Kelly	Zarzuela: North America's Lost Performance Genre
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Megan Seitz/ Abigail White		
James Berry	Mark Simpson	National Student Advertising Campaign
Charles Buckner	Clifton Brown	What is Black Concert Dance in America as of 2017?
Sydney Davis	David Young	The Great White Way Online
Diamond Deazle	Brent Oglesbee	Visualizing Healthy Sexuality
Carolyn Evans	Patricia Minter	A Century of Using Threats to Rollback Rights: Restrictive Legislation Following McKinley's Assassination and the Road to the USA Patriot Act
Shalyn Grow	Michelle Dvoskin	Miss Independent: Exploring Feminism in Pageantry through Performance
Mary Hart	Timothy Rich	Perceptions of Hong Kong
Hope Jackson	Timothy Evans	Building Intentional Communities around Religious Faiths
Sean Jacobson	Patricia Minter	Western's New Deal: How the Great Depression Shaped College Heights
Samuel Kirby	Bradley Pfranger	Untitled Short Film
Kelly McGee	Michelle Dvoskin	Miss Independent: Exploring Feminism in Pageantry through Performance
Benjamin Richardson	Saundra Ardrey	Be STEM-ulated: Increasing the number of African Americans in Science, Technology, Engineering and Mathematics
Brandon Smith	Wesley Bartlett	Winter Wonderland Educational Trip
Marcus Stubbs	Selena Sanderfer	Black Activism on College Campuses: In the Creation of a Black Cultural Center
Stella Treumann	Timothy Rich	How do Taiwanese, Chinese, American and German media frame coverage of the 2016 Taiwanese presidential candidates?
Erin Woolen	Barry Kaufkins	Foodways Study: Food Banks in the Warren County Area