

Last	First	Year	Dept	MS Thesis 2016-2018	Advisor
Kahindi	Bright	2016	AMS	<i>Food Safety Management Practices of Small and Medium-Sized Food Industry Enterprises in Tanzania</i>	Hanna John Khouryieh
Wood	Matthew	2016	BIO	<i>Global Phylogeny of the Water Penny Beetles Using Both Molecular and Morphological Evidence (Coleoptera: Psephenidae)</i>	Keith Philips
Adkins	Oliva	2016	PSYS	<i>Beauty in Snowflakes: Complexity and Visual Aesthetics</i>	J. Farley Norman
Blackburn	Nathaniel	2016	GEO	<i>Apatite Helium Thermochronology of the Blue Nile Canyon, Ethiopian Plateau</i>	Nahid Gani
Alavi	Farshid	2016	AMS	<i>Optimization of Process Parameters in Micro Electrical Discharge Machining (EDM) of TI-6AL-4V Alloy Based on Full Factorial Design</i>	Muhammad Jahan
Oglesby	Jonathan	2016	GEO	<i>An Adaptive Visual Learning Approach for Waterborne Disease Prevention in Rural West Africa</i>	Leslie North
Dawood	Abdulhameed	2016	AMS	<i>A Study of the Sustainable Machining of Titanium Alloy</i>	Muhammad Jahan
Liang	Gongbo	2016	CS	<i>Pedestrian Detection Using Basic Polyline: A Geometric Framework for Pedestrian Detection</i>	Qi Li
Knowles	Bryan	2016	CS	<i>In the Face of Anticipation: Decision Making Under Visible Uncertainty as Present in the Safest-With-Sight Problem</i>	Mustafa Atici
Coats	Lamar	2016	GEO	<i>The Influence of Tropical Cyclones on Droughts and Warm Season Precipitation in Tennessee and Kentucky</i>	Gregory Goodrich
Devine	Steven	2016	GEO	<i>Petrographic Controls on Weathering of the Haney Limestone</i>	Michael May
Salley	Devon	2016	GEO	<i>Advancing Methods to Measure the Atmospheric CO<sub>2</sub> Sink from Carbonate Rock Weathering</i>	Chris Groves
Sivek	Nikolaj	2016	PSYS	<i>The Underlying Dynamics of Student Engagement on Thesis Completion</i>	Elizabeth Schoenfelt
Bodine	Tyler	2016	GEOS	<i>Reservoir Study and Facies Analysis of the Big Clifty Sandstone in South Central Kentucky</i>	Mike May
Sahare	Swapnil	2016	CHEM	<i>Enhancing the Photovoltaic Efficiency of a Bulk Heterojunction Organic Solar Cell</i>	Hemali Rathnayak
Lee	Allen	2016	PSYS	<i>Insecurity Threat and Its Implications for Leadership Preference</i>	Aaron Wickman
Buchholz	Matthew	2016	BIO	<i>Host-Parasite Associations of Small Mammal Communities and Implications for the Spread of Lyme Disease</i>	Carl Dick
Walker	Kimberly	2016	PHY	<i>Technique Comparisons for Estimating Fragility Analysis in the Central Mid-West</i>	Steven Fernandez
Lamar	Lauren	2016	PSY	<i>The Relationship and Consistency in Ratings between the Conners 3 Executive Functioning Scale and the Behavior Rating Inventory of Executive Functioning</i>	Carl Myers
Finuf	Kayla	2016	PSYS	<i>Do Psychological Contract Perceptions Mediate the Relationship Between Procedural Fairness and Prosocial Behavioral Intentions Under Conditions of Uncertainty Threat?</i>	Aaron Wickman
Hall	Austin	2016	PSYS	<i>Impact of Assumption Violations on the Accuracy of Direct Range Restriction Adjustments</i>	Reagan Brown
Bolton	Chase (Charles)	2016	PSYS	<i>Development of a Questionnaire to Identify Barriers and Facilitators to Academic Careers for Women in STEM</i>	Elizabeth Schoenfelt
Carney	Erin	2016	PSYS	<i>Suicidal Ideation in Patients Hospitalized for Emergency Medical Treatment Related to Physical Trauma: Effects of Posttraumatic Stress and Depression</i>	Amy Brausch

Chen	Ying	2016	CHEM	<i>Visible-Light-Responsible Co-Catalysts Enhanced by Graphene for Solar Energy Harvesting</i>	Yan Cao
Sehgal	Rippa	2016	CHEM	<i>Binding of Oxaliplatin and Its Analogs with DNA Nucleotides at Variable pH and Concentration Levels</i>	Kevin Williams
Bubnis	Michelle	2016	KRS	<i>Examining the Relationship Between Training Environment and Muscle Dysmorphia Symptoms</i>	Jason Crandall
Adams	Sarah	2016	PSYS	<i>Participation in Organizational Health and Wellness Programs</i>	Amber Schroeder
Morris	Nicholas	2016	PSYS	<i>A Review of Court Cases Involving Cognitive Ability Testing and Employment Practices: 1992-2015</i>	Elizabeth Schoenfelt
Eryuzlu	Menevse	2016	MATH	<i>Two Generalizations of the Filippov Operation</i>	John Spraker
Febriyani	Yeni	2016	AMS	<i>The Perceptions of Knowledge Management System Implementation to Employee Performance is Measured with Balanced Scorecard at PT. Vale Indonesia TBK</i>	Daniel Jackson
Neerudu	Niharika	2016	CHEM	<i>Colloidal Self-Assembly of Multi-Fluorescent Silsesquioxane Microparticles</i>	Hemali Rathnayak
Sejdic	Andrea	2016	BIO	<i>Modulation of Prey-Capture Kinematics and Suction Feeding Performance in Smallmouth Bass, <i>Micropterus Dolomieu</i></i>	Steve Huskey
Grandinetti	Megan	2016	BIO	<i>Decay of Macroalgae and Leaves and Their Relation to Detrital Food Webs</i>	Scott Grubbs
Saeedi	Manooch	2016	PSYS	<i>Optimal Motivation and Cognitive Load for Enhanced Math Performance</i>	Jennifer Redifer
Galbraith	Samuel	2016	PSYS	<i>Developing a Measure for Assessing Virtual Organizational Citizenship Behaviors</i>	Amber Schroeder
Huzyak	Paige	2016	CHEM	<i>Synthesis and Characterization of Organic-Inorganic Hybrid Materials for Thermoelectric Devices</i>	Hemali Rathnayak
Suchanek	Richard	2016	AMS	<i>Breakdown Voltage Performances of Aluminum and Copper Conductor Wire Under Compression Stresses</i>	Daniel Jackson
Williams	Amanda	2016	PSYS	<i>Mediating Factors in the Relationship Between Non-Suicidal Self-Injury and Suicide Attempt</i>	Amy Brausch
Kim	Juhwa	2016	CHEM	<i>Multiplexed Detection of Double-Stranded Pathogenic DNA with Engineered Zinc Finger Proteins</i>	Moon-Soo Kim
Kini	Anu	2016	CHEM	<i>Using Zinc Finger Proteins as a Diagnostic Tool for the Detection of a Cancer Biomarker</i>	Moon-Soo Kim
Wilson	Robyn	2016	BIO	<i>Trimethylated Lysine 4 at Histone 3 Shows the Same Circadian Rhythm at Promoters of Diverely-Expressed Genes in <i>Chlamydomonas Reinhard TII</i></i>	Sigrid Jacobshagen
Sklenar	Allison	2016	PSYS	<i>The Impact of Emotional Faces on the Attentional Blink in Younger and Older Adults</i>	Andrew Mienaltowski
Brown	Morgan	2016	PSY	<i>Effects of Age, Task Type, and Information Load on Discrimination Learning</i>	Sharon Mutter
Ladue	Chase	2016	BIO	<i>Chemical Signaling in Asian Elephants (<i>Elephas maximus</i>): Concentration Effects with Applications for Management and Conservation</i>	Bruce Schulte
Sullivan	Zachary	2016	GEO	<i>Karst Landscape Influence on the Planetary Boundary Layer Atmosphere</i>	Xingang Fan
Schaefer	Robert	2016	GEO	<i>Evaluating the Influences of Karst Hydrogeology on Freshwater Harmful Algal Blooms in Kentucky Lakes</i>	Jason Polk
Reeder	Andrew	2016	GEO	<i>Devonian Hydrocarbon Production in South Central Kentucky: A GIS Study</i>	Michael May
Butler	Kort	2016	GEO	<i>The Role of Diagenesis in Reservoir Development of the Big Clifty (Jackson) Sandstone in South-Central Kentucky</i>	Michael May
Brummett	Travis	2016	CS	<i>Vertical Implementation of Cloud for Education (V.I.C.E.)</i>	Michael Galloway

Luo	Weilong	2016	CHEM	<i>Synthetic Investigation on the Biomimetic Metal-Catalyzed Sulfoxidations and Photochemical Generation of a Highly Reactive Ruthenium (V)-OXO Porphyrin</i>	Rui Zhang
Santos	Chandler	2016	GEO	<i>Linking In-Situ Data with Remote Sensing to Analyze Tropical Glacier Stability and Retreat in the Cordillera Blanca, Peru</i>	John All
Gilbert	Chaise	2016	BIO	<i>Impacts of Habitat Fragmentation on the Cranial Morphology of a Threatened Desert Fish (Cyprinodon Pecosensis)</i>	Michael Collyer
Cooper	Laken	2016	BIO	<i>Effects of Sleep Fragmentation on the Immune System of Zebra Finches (Taeniopygia Guttata) Using Cytokine Gene Expression</i>	Noah Ashley
Soto-Freita	Angelica	2016	PSYS	<i>Parent Predictors of Infant Respiratory Sinus Arrhythmia</i>	Diane Lickenbrock
Perry	Kandice	2016	PSYS	<i>Nonsuicidal Self-Injury Characteristics as Predictors of a Suicide Attempt</i>	Amy Brausch
Bettsworth	Zachary	2016	MATH	<i>Nullification of Torus Knots and Links</i>	Claus Ernst
Sheinidashteg	Pezhman	2016	CS	<i>Impact of DDOS Attack on the Three Common Hypervisors (XEN, KVM, Virtual Box)</i>	Michael Galloway
Wei	Danming	2016	CHEM	<i>Low-Cost Quartz Crystal Microbalance System Platform Designed for Chemical Nanoparticle Analysis Based on Arduino Microcontroller Board</i>	Yan Cao
Kapadia	Mayank	2016	BIO	<i>Identification of Collagen IV Associated Proteins in Drosophila Using Genetics and Mass Spectrometry</i>	Ajay Srivastava
Fields	Christopher	2016	BIO	<i>Functional and Expression Analysis of a Novel Basement Membrane Degradator in Drosophila Melanogaster</i>	Ajay Srivastava
Anaya	Berenice	2016	PSYS	<i>Self-Regulation in Preschoolers: Validity of Hot and Cool Tasks as Predictive Measures of Academic and Socio-Emotional Aspects of School Readiness</i>	Elizabeth Lemerise
Mahashabde	Vendangi	2016	AMS	<i>Comparison of Lean Construction in India and United States of America</i>	Daniel Jackson
Lively	Jason	2016	AMS	<i>In Situ Ion Exchange in a Micro-Porous Transition Metal Silicate Framework</i>	Jason Polk
Kwong	Ka Wai	2016	CHEM	<i>Visible-Light Generation of High-Valent Metal-Oxo Intermediates and a Biomimetic Oxidation Catalyzed by Manganese Porphyrins with Iodobenzene Diacetate</i>	Rui Zhang
Roe	Clarissa	2016	PHY	<i>Investigation of Carbon Nanomaterials Embedded in a Cementitious Matrix</i>	Edward Kintzel
Wardall	Austin	2016	GEOS	<i>Dispersion of Ammonia from Concentrated Animal Feeding Operations</i>	Rezaul Mahmood
Al-Karawi	Dheyaa	2016	CHEM	<i>The Investigation of the Electrical Control of Hemimicelles and Admicelles on Gold for Analyte Preconcentration</i>	Eric Conte
Luttrell	Meagan	2016	PSYS	<i>Effects of Aging and Reward Motivation on Non-Verbal Recognition Memory</i>	Sharon Mutter
Abeywickram	Thulitha	2016	CHEM	<i>Metal-Organic Hybrid Nanocomposites for Energy Harvesting Applications</i>	Hemali Rathnayake
Timmers	Jennifer	2016	AGRI	<i>Effects of Growth Implants on the Average Daily Gain of Suckling Calves Rotationally Grazing 'KY-31' Endophyte-Infected Tall Fescue (Festuca Arundinacea) and Non-Endophyte-Infected Tall Fescue</i>	Hunter Galloway
Al Hussein	Zaid	2016	AMS	<i>Using Building Information Modeling (BIM) and the Last Planner System (LPS) to Reduce Construction Process Delay</i>	Douglas Chelson
Payne	Jason	2016	CHEM	<i>Development of Dihydrochalcone Functionalized Gold Nanoparticles for Augmented Antineoplastic Activity</i>	Stuart Burriss
Anderson	Kenneth	2016	BIO	<i>The Effects of Sulfuric Acid Deposition on the Growth and Development of Pond Breeding Salamanders in the Genus Ambystoma</i>	Jarrett Johnson
Chick	Michael	2016	PHYS	<i>Feasibility of the Use of Neutron Activation Analysis Techniques in an Underwater Environment</i>	Ivan Novikov

Maxwell	Brett	2016	AGRI	<i>Effects of Herbicides on Industrial Hemp (Cannabis Sativa) Phytotoxicity, Biomass, and Seed Yield</i>	Todd Willian
Nguyen	Huy Manh	2016	CS	<i>Mabic: Mobile Application Builder for Interactive Communication</i>	Guangming Xing
Rowland	Andrew	2016	PSYS	<i>What is Professionalism? The Validation of a Comprehensive Model of Professionalism</i>	Amber Schroeder
Sinkel	Daniel	2016	AMS	<i>Farm-to-Fork Fresh Produce Food Safety: An Evaluation of Perceptions, Knowledge, and Implementation of Good Agriculture Practices in Kentucky</i>	John Khouryieh
Martin	Emily	2017	PSYS	<i>Examining the Effect of Expatriate Narcissism Levels on Cultural Adjustment and Global Leadership Effectiveness</i>	Amber Schroeder
Dudley	Kathryn	2017	CHEM	<i>An Expedited, Regiospecific Para-Bromination of Activated Aryls</i>	Donald Slocum
Jin	Ning	2017	AMS	<i>Perceptions on the Status of Lean-Manufacturing in Thermoplastics-Manufacturing Industry</i>	Mark Doggett
Hogancamp	Kyle	2017	GEOS	<i>Characterizing South American Mesoscale Convective Complexes Using Isotope Hydrology</i>	Jason Polk
Na-Yemeh	Dolly	2017	GEOS	<i>Synoptic Atmospheric Conditions, Land Cover and Equivalent Temperature Variations in Kentucky</i>	Rezaul Mahmood
Abdulrheem	Ali	2017	CHEM	<i>Detection and Quantitation of Tetracycline Antibiotics in Agricultural Swine Waste</i>	Eric Conte
Bhattarai	Indu	2017	GEOS	<i>Quantitative River Profile Analysis to Investigate Exhumation of the Siwalik Foreland Basin, Nepalese Himalaya</i>	Nahid Gani
Montazeri	Behzad	2017	AMS	<i>Comparing Critical Chain Project Management with Critical Path Method: A Case Study</i>	Mark Doggett
Cvengros	Blake	2017	AMS	<i>Concentration Levels of PM10 and PM2.5 Paper Dust in a Book Production Facility</i>	Bryan Reaka
Rohr	Eric	2017	AMS	<i>Adapting Critical Chain Project Management to Army Engineer Construction Projects</i>	Mark Doggett
Tuladhar	Anisha	2017	GEOS	<i>Assessing Temporal and Spatial Variability in the Hydrogeochemistry of Glacier Meltwater in Iceland</i>	Jason Polk
Botero Carrizo	Sara	2017	CHEM	<i>Synthesis, Characterization, and Properties of Graphene-Based Hybrids with Cobalt Oxides for Electrochemical Energy Storage and Electrocatalytic Glucose Sensing</i>	Sanju Gupta
Arslan	Aykut	2017	MATH	<i>Discrete Fractional Hermite-Hadamard Inequality</i>	Ferhan Atici
Smith	Adam	2017	CHEM	<i>The Effects of Carrier Ligands on Cisplatin Binding to Cysteine and Methionine</i>	Kevin Williams
Bertram	John	2017	CHEM	<i>TiO2/PDMS Buoyant Photocatalyst for Water Remediation and CU-RBS Organic/Inorganic Hybrid for Thermoelectric Applications</i>	Matthew Nee
Schooler	Mitchell	2017	BIO	<i>Co-Occurrence Patterns of Bat Flies on Neotropical Chiroptera</i>	Carl Dick
		2017			
Trimboli	Anthony	2017	AGRI	<i>An Improved Regional Honey Production Model for the United States</i>	Stephen King
Diaz	Jared	2017	PSYS	<i>Intercollegiate Athletic Perceptions of Justice in Team Disciplinary Decisions</i>	Elizabeth Shoenfelt
Bowman	Joshua	2017	PSYS	<i>An Examination of the Incremental Validity of the Serve-Specific Core Self-Evaluation Scale Over the Core Self-Evaluation Scale in Predicting Serve Performance</i>	Elizabeth Shoenfelt
Pham	Van Anh	2017	MATH	<i>Loop Numbers of Knots and Links</i>	Claus Ernst
Jeddi	Haleh	2017	CHEM	<i>Synthesis, Kinetic and Catalytic Studies of Manganese Complexes with Corrole and Porphyrin Ligands</i>	Rui Zhang
Khan	Arsalan	2017	AMS	<i>Management and Leadership Style: Is Style Influenced by Engineering Education?</i>	Brent Askins
Cavanaugh	Jacquelyn	2017	PSYS	<i>An Examination of Facilitators and Barriers to Academic Careers for Women in STEM</i>	Elizabeth Shoenfelt
Dobrovolskaii	Aiste	2017	BIO	<i>Urine Electrolyte Excretion in a Hypertensive Population of East Africans</i>	Nancy Rice

Zhu	Jiadong	2017	AMS	<i>Wall Panel Optimization for Refugee Shelters in Germany: An AHP Study</i>	Douglas Chelson
Penn	Aubrey	2017	CHEM	<i>Environmentally Friendly Synthesis of Transition Metal-Organic Hybrid Nanocomposites</i>	Hemali Rathnayake
Xu	Qianna	2017	BIO	<i>Body Shape Diversification of Pecos Pupfish (Cyprinodon Pecosensis) in Varying Habitats as Evaluated by Geometric Morphometrics</i>	Michael Collyer
Er	Aynur	2017	MATH	<i>Stability of Linear Difference System in Discrete and Fractional Calculus</i>	Ferhan Atici
Jalali	Elnaz	2017	CHEM	<i>Regiospecific P-Bromination of Activated Aromatic Systems-Greener Approach</i>	Donald Slocum
Pan	Yi	2017	CS	<i>A Proposed Frequency-Based Feature Selection Method for Cancer Classification</i>	Huanjing Wang
Mccrary	Elizabeth	2017	PSYS	<i>Attachment as Affirmation to Inhibit Health Risk Information Avoidance</i>	Aaron Wichman
Olenick	Alyssa	2017	KRS	<i>Metabolic Flexibility Among Women after a Single High Fat Meal</i>	Jill Maples
Puckett	Nathan	2017	CHEM	<i>Effects of Binding Affinity Between Bovine Serum Albumin and Platinum Drugs</i>	Kevin Williams
Smith	Paige	2017	AGRI	<i>Effects of Transitioning from a Free Choice Tall Fescue (Lolium arundinaceum) Hay Diet in Late Winter to a Free Choice Spring Tall Fescue Pasture Diet on Plasma Fructosamine Concentrations, Body Weight, and Body Condition Scores of Stock Horse Mares</i>	Linda Brown
Waite	Aldious	2017	AMS	<i>Consumer Knowledge, Perception, and Attitudes of Unlabeled Genetically Modified Foods of an Educated Population in the State of Kentucky</i>	John Khouryieh
Ghani	Muhammad Us	2017	AMS	<i>The Feasibility Investigation of Modular Portable "Chelson Shelters" Micro-homes to Alleviate Housing Deficiencies: A Case Study in Mithi, Tharpakar, Pakistan</i>	Douglas Chelson
Hassan	Muhammad M	2017	AMS	<i>The Prevalence of Six Sigma Trends in the Construction Industry in Pakistan</i>	Daniel Jackson
Groh	Brittany	2017	PSYS	<i>Impact of Expressive Intensity and Stimulus Location on Emotion Detection</i>	Andrew Mienaltowski
Saroya	Harlin	2017	AMS	<i>Innovative Non-Thermal Food Processing Technologies Used by the Food Industry in the United States</i>	John Khouryieh
Smith	Amelia	2017	BIO	<i>Review of the Sub-Saharan Africa Species of Dignomus and Phylogenetic Analysis of the Bostrichoids (Coleoptera: Bostrichoidea: Ptinidae)</i>	Keith Philips
Pourshirazi	Aida	2017	AMS	<i>An Application for the Detection of Signal Strength for ESP8266 Position</i>	Douglas Chelson
Luckett	Matthew	2017	AMS	<i>Workforce Investment Act in Western Kentucky: An Evaluation of Program Service Outcomes</i>	Bryan Reaka
Bokhari	Fakir Moiz	2017	AMS	<i>Supply Chain Performance in the Pharmaceutical Industry in Pakistan</i>	Daniel Jackson
Jackson	Leah	2017	GEO	<i>Epikarst Hydrogeochemical Processes in Telogenetic Karst Systems in South-Central Kentucky</i>	Jason Polk
Wang	Zexuan	2017	GEO	<i>Evidence for Late Pliocene Deglacial Megafloods from Giant Sediment Waves in the Northern Gulf of Mexico</i>	Royhan Gani
Turner	Autumn	2017	GEO	<i>Measuring Inorganic Carbon Fluxes from Carbonate Mineral Weathering from Large River Basins: The Ohio River Basin</i>	Chris Groves
Bailes	Lauren	2017	PSYS	<i>Logitudinal Predictors of Parental Sensitivity: The Role of Parent Personality and Infant Temperment Across Early Infancy</i>	Diane Lickenbrock
Agah Khanlou	Reza	2017	AMS	<i>The Feasibility of Real-Time Virtual Sensing of Water Evaporation Rate in Residential Clothes Dryer</i>	Daniel Jackson
Vanmeveren	Mayme	2017	PHYS	<i>Graphene-Based 'Hybrids' as High-Performance Electrodes with Tailored Interfaces for Alternative Energy Applications: Synthesis, Structure and Electrochemical Properties</i>	Sanju Gupta

Woods	Sherry	2017	PSYS	<i>The Relationships Between Nonsuicidal Self-Injury Frequency and Suicidal Behaviors, Depression, and Anxiety: A Curvilinear Analysis</i>	Amy Brausch
Ayappa Ravis	Chirag	2017	AMS	<i>Shower Atomization</i>	Douglas Chelson
Polapally	Mamatha	2017	CHEM	<i>Synthesis, Structure, and Properties of Ruthenium Polypyridyl Metalloligand Based Metetal-Organic Frameworks</i>	Bangbo Yan
Amiri	Nasim	2017	AMS	<i>Examination of Leed Certified Building's Electricity Usage</i>	Shahnaz Aly
Mcclay	Michael	2017	PSYS	<i>The Effect of Disclosure of Suicide Attempt on Suicide Risk</i>	Amy Brausch
Seyitliyev	Dovletgeldi	2017	PHYS	<i>One-Step Laser-Induced Hydrogen Generation from Coal Powders in Water</i>	Ali Oguz Er
Deal	Michael	2017	SEAS	<i>The Skills Gap in U.S. Manufacturing: The Effectiveness of Technical Education on the Incumbent Workforce</i>	Daniel Jackson
Lee	Ngo Fung	2017	CHEM	<i>Photochemical Generation and Kinetic Studies of High-Valent Metal-Oxo Intermediates Supported by Corrole and Porphyrin Ligands</i>	Rui Zhang
Smiley	Shawn	2017	BIO	<i>Sequence Extension of the Tryptophan and Shikimate Operons in Clostridium Scatologenes ATCC 25775</i>	Kinchel Doerner
Parsley	Meghan	2017	BIO	<i>Adaptive Variation in Tiger Salamander Populations</i>	Jarrett Johnson
Blumenberg	Nicholas	2017	CHEM	<i>Targeted Disruption of Quinolone Resistance Gene Using CRISPR/Cas9 System</i>	Moom-Soo Kim
Thomas	Samantha	2017	BIO	<i>Landscape Genetics of the California Tiger Salamander: Inferences from Multiple Methods</i>	Jarrett Johnson
Do	Manh	2017	CS	<i>Green Cloud - Dynamic Load Balancing and Load Consolidation Using VM Live Migration</i>	Michael Galloway
Rana	Muhammad	2017	MATH	<i>Analysis and Implementation of Numerical Methods for Solving Ordinary Differential Equations</i>	Mark Robinson
Gao	Hongyan	2017	CHEM	<i>Nano/Submicro-Structured Iron Cobalt Oxides Based Materials for Energy Storage Application</i>	Yan Cao
Banotai	Christopher	2017	BIO	<i>Investigation of Seed and Seedling Predation and Natural History of Bushveld Savanna Rodents</i>	Michael Stokes
Jones	Kolton	2018	PHYS	<i>An Integration Setup of the In-Situ Mass and Spectroscopic Analysis for Volatile Liquids or Solids</i>	Yan Cao
Sun	Xiaomeng	2018	SEAS	<i>Implementing a Total Productive Maintenance Approach into an Improvement at S Company</i>	Mark Doggett
Albaiji	Naif	2018	SEAS	<i>Repeatability Case Study of the 3D Printer in the School of Engineering</i>	Gregory Arbuckle
Mathews	Rilee	2018	PSYS	<i>The Effects of Bingocize on Cognitive Aging: A Health Promotion Intervention</i>	Matthew Shake
Shain	Lindsey	2018	PSYS	<i>Aging and the Perception of Coherent Motion</i>	Farley Norman
Dowell	Catherine	2018	PSYS	<i>Unimanual and Bimanual Haptic Shape Discrimination</i>	Farley Norman
Ebuetse	Mercy	2018	SEAS	<i>Implementation of 5S at a Survey Laboratory in Western Kentucky University</i>	Mark Doggett
Joshi	Abhir	2018	SEAS	<i>Impacts of Leadership on TQM in Food Industry in India</i>	Brent Askins
Hampton	Barrett	2018	SEAS	<i>An Evaluation of Induction Heating in Healthcare Food Industry</i>	Daniel Jackson
Willenbrink	Elizabeth	2018	GEO	<i>Policy Communication and the Influence of Agricultural Communities on Karst Landscapes: A Case Study in Phong Nha-ke Bang National Park, Vietnam</i>	Leslie North
Ernst	Jasmine	2018	PSYS	<i>The Effect of Classroom Context on Head Start Teacher Feedback</i>	Elizabeth Lemerise
Lambert	Hayley	2018	PSYS	<i>Emotion Discrimination in Peripheral Vision</i>	Andrew Mienaltowski
Pearson	Rachel	2018	PSYS	<i>A Review of Supreme Court Cases Involving Workplace Retaliation: 2006-2018</i>	Elizabeth Shoenfelt

Patel	Dharmesh	2018	CHEM	<i>Biomimetic Studies of Oxidation Reactions by Metalloporphyrins Through Ligand Effect and Kinetic Studies of Photo-Generated Porphyrin-Iron (IV)-Oxo Compound II Models</i>	Rui Zhang
Nidadhavolu	Akhila	2018	SEAS	<i>Impact of Leadership Styles on Employee Job Satisfaction and Organizational Commitment - A Study in the Construction Sector in India</i>	Brent Askins
Jones	Justin	2018	PSYS	<i>The Influence of a Proposed Margin Criterion on the Accuracy of Parallel Analysis in Conditions Engendering Underextraction</i>	Reagan Brown
Rettke	Austin	2018	PSYS	<i>Justice Perceptions of Team Disciplinary Actions in the Workplace</i>	Elizabeth Shoenfelt
Ballentine	Drake	2018	CHEM	<i>Imidazolium Ionic Liquids as Multifunctional Solvents, Ligands, and Reducing Agents for Noble Metal Deposition onto Well-Defined Heterostructures and the Effect of Synthetic History on Catalytic Performance</i>	Lawrence Hill
Bell	Kathleen	2018	MATH	<i>Cayley Graphs of <math>PS(2)</math> Over Finite Commutative Rings</i>	Dominic Lanphier
Aftene	Florine	2018	MATH	<i>Vertex-Relaxed Graceful Labelings of Graphs and Congruences</i>	Dominic Lanphier
Anderson	Robert	2018	AGRI	<i>Effects of Nitrogen Fertilizer Rate, Timing, and Herbicide Use on Industrial Hemp (<i>Cannabis Sativa</i>)</i>	Todd Willian
Jones	Konnor	2018	CHEM	<i>Energetic Stability of Nitrate and Carbonate Ion Solvation Geometries in Solution</i>	Matthew Nee
Ramsey	Haley	2018	PSYS	<i>Effects of Self-Affirmation on Anti-Terror Related Worldview Defense Following Mortality Salience</i>	Aaron Wichman
		2018			
Berlanga	Jesus	2018	CHEM	<i>Kinetic Modeling of the Atmospheric Photooxidation of Reduced Sulfur and Nitrogen Compounds</i>	Matthew Nee
Scalf	Cassandra	2018	BIO	<i>Transcriptomic Response to Immune Challenge in Zebra Finch (<i>Taeniopygia Guttata</i>) Using RNA-SEQ</i>	Noah Ashley
Riggle	Matthew	2018	MATH	<i>Runs of Identical Outcomes in a Sequence of Bernoulli Trials</i>	David Neal
Schroader	John	2018	PSYS	<i>Perceptions of Uncivil and Sexual Harassment Workplace Behaviors by Gender, Employment Status, and Likelihood to Sexually Harass</i>	Elizabeth Shoenfelt
		2018			
Venkata	Lakshmi Devul	2018	CS	<i>Application of Huffman Data Compression Algorithm in Hashing Computation</i>	Mustafa Atici
Zbasnik	Nathaniel	2018	BIO	<i>The Impact of Invasive Lionfish on the Feeding Performance of Endemic Spotted Scorpionfish</i>	Steve Huskey
Alam	Md Shafiul	2018	MATH	<i>Iterative Methods to Solve Systems of Nonlinear Algebraic Equations</i>	Mark Robinson
Tegge	Samuel	2018	BIO	<i>The Mechanism of Biotremor Production in the Veiled Chameleon (<i>Chamaeleo Calypttratus</i>)</i>	Steve Huskey
Liu	Haiyan	2018	CHEM	<i>Synthesis and Kinetic Studies of High-Valent Metal-Oxo Species Generated by Photochemical and Chemical Methods</i>	Rui Zhang
Quiroga	Allison	2018	GEOS	<i>Carbon Flux and Weathering Processes in Icelandic Glacial-Fed Rivers</i>	Jason Polk
Xiang	Junjie	2018	CHEM	<i>Fourier Transform Infrared Spectroscopy Instrumentation and Integration with Thermogravimetry</i>	Yan Cao
Gumus	Selahaddin	2018	CHEM	<i>Secondary Electronic and Solvent Effects on Regiospecific p-Bromination of Aromatic Systems</i>	Donald Slocum
Austin	Brittany	2018	GEOS	<i>The Influence of Esri Story Map Designs on Participation in Sustainability-Related Activities</i>	Leslie North

Dai	Xiaogang	2018	MATH	<i>Score Test and Likelihood Ratio Test for Zero-Inflated Binomial Distribution and Geometric Distribution</i>	Ngoc Nguyen
Couch	Melanie	2018	CHEM	<i>Monitoring and Quantifying Tetracycline Resistance Genes in a Swine Waste Anaerobic Digester Over a 100-Day Period</i>	Eric Conte
Blessinger	Elizabeth	2018	AGRI	<i>Effect of Cultivar and Type on Pepper Yield and Weight</i>	Roger Dennis
Nguyen	Duc	2018	MATH	<i>Controllability and Observability of the Discrete Fractional Linear State-Space Model</i>	Ferhan Atici
Flinchum	Dane	2018	BIO	<i>Characterizing the Role of CP1 in Drosophila Melanogaster: Its Effects on Basement Membrane Degradation and Signaling</i>	Ajay Srivastava
Smith	Joshua	2018	BIO	<i>Investigating the Apoptotic Effects of Platinum(II) Amine Complexes With Only One Leaving Ligand on Zebrafish Auditory End Organs</i>	Michael Smith
Luna	Catherine	2018	PSYS	<i>Temporal Content-Specificity in Predictive Learning Produced by Visual, But Not Musical, Primes</i>	Sharon Mutter
Laslie	Kathryn	2018	BIO	<i>Investigations of Biotremors in the Veiled Chameleon (Chamealeo Calyptratus)</i>	Michael Smith
Isaacs	Steven	2018	CHEM	<i>Molecular Assembly of Monolayer-Protected Gold Nanoparticles and Their Chemical, Thermal, and Ultrasonic Stabilities</i>	Yong-Seok Shon
Mairs	Ryan	2018	AGRI	<i>Effects of Bacillus Mycooides Supplement in a Reduced Frequency Fungicide Program on Chambourcin Grapevines (Vitis vinifera L.)</i>	Todd Willian
Perkins	Natalie	2018	PSYS	<i>Identifying Clinical Distinctions Between Nonsuicidal Self-Injury and Eating Disorders in Adolescents</i>	Amy Brausch
Bandel	Shelby	2018	PSYS	<i>Poor Sleep as a Predictor of NSSI and Suicide Ideation in Adolescents</i>	Amy Brausch
Murley	Victoria	2018	GEOS	<i>A Climatology of Convective and Non-Convective High-Wind Events Across the Eastern United States During 1973-2015</i>	Joshua Durkee
Von Hagen	Lynn	2018	BIO	<i>An Evaluation of Deterrents to Prevent Crop Raiding by African Elephants (Loxodonta Africana) in the Kasigau Wildlife Corridor, Kenya</i>	Bruce Schulte
Malone	Jonathan	2018	CHEM	<i>Photochemical Investigation of High-Valent Metal-Oxo Intermediates Containing Corrole and Light-Harvesting Porphyrin Ligands</i>	Rui Zhang
		2018			
Graham	James	2018	GEOS	<i>Using Mobile Eye-Tracking to Inform the Development of Mass Tourism in Iceland Towards the Principles of Ecotourism</i>	Leslie North
Ranburger	Davis	2018	CHEM	<i>Visible Light Generation of High-Valent Corrole-Manganese(V)-Oxo Intermediates and Biomimetic Studies of the Oxidation of Organic Sulfides Catalyzed by Manganese Corroles with Iodobenzene Diacetate</i>	Rui Zhang
Hicks	Stacy	2018	PHYS	<i>Characterization of Eight Potentially Hazardous Near Earth Asteroids: Rotation Period Analysis and Structure Modeling Via Light Curve Inversion Techniques</i>	Michael Carini
Cambridge	Tucker	2018	BIO	<i>Species Distribution and Conservation Genetics of the Upland and Midland Chorus Frogs (Pseudacris) in Kentucky</i>	Jarrett Johnson
Kholikov	Khomidkhozil	2018	PHYS	<i>Enhanced Singlet Oxygen Generation and Antimicrobial Activity of Methylene Blue Coupled with Graphene Quantum Dots as an Effective Photodynamic Therapy Agent</i>	Ali Oguz Er
Saidjafarzoda	Ilhom	2018	PHYS	<i>Laser-Induced Recoverable Surface Patterning on Ni50Ti50 Shape Memory Alloys</i>	Ali Oguz Er
Winchester	Charles	2018	CHEM	<i>Generation and Kinetic Studies of Porphyrin-Manganese(IV)-OXO Intermediates</i>	Rui Zhang
Prince	Jared	2018	CS	<i>Exploring the Effect of Different Numbers of Convolutional Filters and Training Loops on the Performance of Alphazero</i>	Uta Ziegler



		2018			
Arthur	Michael	2018	GEOS	<i>Mass-Transport Deposits in the Northern Gulf of Mexico and Their Implications for Hydrocarbon Exploration</i>	M. Royhan Gani
Bowden	Shelby	2018	GEOS	<i>Unroofing History of the Northwestern Ethiopian Plateau: Insights from Low-Temperature Apatite Thermochronology</i>	Nahid Gani
Meek	Romney	2018	PHYS	<i>Synthesis and Characterization of Graphene-Family Mesoporous Nanomaterials for Thermal Energy Harvesting and Sensing Applications</i>	Sanju Gupta
Osborne	Cesalea	2018	GEOS	<i>Land-Use Impacts on the Hydrology of the Hidden River Groundwater Subbasin, Horse Cave, Hart County, Kentucky</i>	David Keeling
El Masri	Manal	2018	CHEM	<i>Synthesis of a Platinum Triamine Complex and Its Interactions With Guanosine 5'-Monophosphate and N-Acetylmethionine</i>	Kevin Williams
Steinmann	Hali	2018	GEOS	<i>Controls on Speleogenesis in the Upper-Mississippian Pennington Formation on the Western Cumberland Plateau Escarpment</i>	Patricia Kambesis
Ha	Dat Thinh	2018	CHEM	<i>Developing a New Sensing Technology for Double-Stranded DNA Detection Utilizing Engineered Zinc Finger Proteins and Nanomaterials</i>	Moon-Soo Kim
Antle	Stacy	2018	GEOS	<i>Indirect Greenhouse Gas Dynamics in Karst Groundwater Systems Under Agricultural Land Use</i>	Jason Polk
Powers	Nathaniel	2018	BIO	<i>Involvement of JAK/STAT Signaling and a Basement Membrane-Associated Protein During Air Sac Primordium Development in Drosophila Melanogaster</i>	Ajay Srivastava
Shelley	James	2018	GEOS	<i>Modeling and Evaluating the Influences of Class V Injection Wells on Urban Karst Hydrology</i>	Jason Polk