Travel Grants Recognition

This regular feature highlights the graduate and professional students who have presented their research at state, regional, national and international disciplinary and professional society meetings. The list includes only those students who received funds from the Graduate School.* There are certainly many other students who have traveled the globe to present their research.

Attending and presenting at disciplinary and professional conferences is an important part of professional development for graduate students. It is a key component in the development of a professional network that can provide contacts for collaborative research, future jobs and internships, and funding. And of course, it is a rigorous venue to try out ideas, present data and analysis, and gather helpful input for continuing research.

The Graduate School is proud to highlight the achievements of these students. As they gain professionally and personally from these experiences, they also represent MSU to the wider community of scholars in the state, region, nation, and world. We congratulate these students on their accomplishments!

* Limited funding is available from The Graduate School for travel to present research. Departments and colleges are expected to cost-share. Find out more on our website: http://grad.msu.edu/funding.htm or call 517.355.0301, or visit 118 Linton Hall.

Ag & Nat Resources

Agricultural & Extension Education
Savala, Leonard
Atlanta, GA
Leadership Development in Agricultural Education: A Synthesis of Research

Agricultural Economics
Karanja, Daniel
Long Beach, CA
The Welfare Effects of Maize Technologies in Marginal and High Potential Regions of Kenya

Nyambane, Gerald
Long Beach, CA
Graduate Students Case Study Competition

Tothova, Monika
Slovenia & Italy
1) Harmonizing Standards as Institutions
2) Standards and Formation of Less-Than Global Agreements
3) Standards, Biotechnology, and Formation of Small Trade Agreements

Agricultural Engineering
Anjaneyulu, Logan
Las Vegas, NV
Innovative Ways to Provide Affordable Housing in Urban Michigan

Banerjee, Deblina
Las Vegas, NV
Innovative Ways to Provide Affordable Housing in Urban Michigan
Animal Science
Cardoso, Fernando F.
Montpellier, France
Bayesian Inference on Genetic Merit with Uncertain Paternity

Roman, Hugo
MayagDez, Puerto Rico
Specific Antagonism with Bacteriocinogenic B. Subtilis Strains Against L. Monocytogenes CWD246 (Brick Silage Strain), as a Preharvest Biocontrol Intervention Strategy

ANRECS
Brannan, Tim
Phoenix, AZ
Learner Interactivity in Higher Education: Comparing Face-to-Face, Hybrid and Online Instruction

Matchett, Brian
Las Vegas, NV
A Content Analysis of Agricultural Education Research Within the University Setting: Focusing Agricultural Education Research Efforts at Michigan State University

Crop & Soil Sciences
Baributsa, Dieudonne
Kampala, Uganda, Africa
Capacity Building in IPM in Michigan and Worldwide: Experience of Michigan State University

Ender, Marcio
San Diego, CA
Mapping QTL Associated with White Mold Resistance in Common Bean

Trebbi, Daniele
San Diego, CA
Genetic Analysis of Sucrose Accumulation in Sugar Beet

Vergara, Georgina
Dallas, TX
1) Assessment of the Genetic Diversity Among Creeping Bentgrass (A. stolonifera L.) and Redtop Bentgrass (A. gigantea Roth.) by AFLP Analysis

2) RAPD Assessment of the Genetic Variability of Gray Snowmold (Typhula incarnata) from Three Different Locations

Wang, Jianping
Dallas, TX
Using cDNA-AFLP to Detect the Specific Drought Tolerance Transcription Fragments in Festuca Mairei

Zhao, Han
Dallas, TX
Genetic Map in Creeping Bentgrass Based on SSRs, AFLPs and RFLPs
Entomology

de Lame, Frederique
Erice, Sicily
Successful Development of a Paraffin Wax-based Pheromone Dispenser for Season-Long Mating Disruption of the Oriental Fruit Moth, Grapholita Molesta (Busck) in Commercial Peach Orchards in Michigan, USA

Siegert, Nathan W.
Ft. Lauderdale, FL
Evaluating Climatic Suitability of the Gypsy Moth Pathogen Entomophaga Maimaja in the Lake States

Szendrei, Zsofia
Amsterdam, Netherlands
Herbivore Induced Plant Volatiles and Behavioral Responses of Cotesia Parasitoids on Pieris Caterpillars in Crucifers

Fisheries & Wildlife

An, Li
Minneapolis, MN
An Integrative Model with Agent-Based Artificial Intelligence and GIS (IMABAIG): Simulating Spatial Dynamics of Rural Households and its Impacts on Giant Panda Habitats in the Wolong Nature Reserve

Bartron, Meredith
Baltimore, MD
Temporal Comparisons of Genetic Population Structure and Diversity of Steelhead (Oncorhynchus Mykiss) in Lake Michigan

Kahl, Katherine J.
Norwich, England
Avian Landscape Ecology: Pure and Applied Issues on the Large-scale Ecology of Birds

Palmer, Dain R.
Bismarck, ND
Insights into Possible Impacts of National Wildlife Federation's Backyard Wildlife Habitat Program on Participants

Schapel, Sharon
New Orleans, LA
Coastal Wetland Habitat Preferences of Bluegill Sunfish, Implications for Fish Growth

Steen, Carrie
New Orleans, LA
Bald Eagle Nest Placement and Reproduction Patterns in the Northern Lower Peninsula of Michigan

Forestry

Abramovsky, Zhanna
Savannah, GA
Recovery of Soil Processes After Wildfire in Michigan Jack Pine

Yang, Jaemo
Brookings, SD
Novel Insight into Trunk-wood Gene Expression Profiles in a Hardwood Tree (Robinia pseudoacacia)
**Horticulture**

Arboleya, Jorge  
Milwaukee, WI  
*Greenhouse Study of Biological Induction of Resistance in Onion Against Alternaria Porri*

Lopez, Roberto  
Iguazu Falls, Brazil  
*Flowering of the Orchid Miltoniopsis Augres 'Trinity' is Influenced by Photoperiod and Temperature*

**Packaging**

Auras, Rafael  
Valencia, Spain  
*Effect of Water on the Oxygen Barrier Properties of Poly(lactide) Films*

Rachtanapun, Pornchai  
New Orleans, LA  
*Characterization of Microcellular Foamed Polyolefin Blend Composites with Wood Fiber*

Rachtanapun, Pornchai  
Nashville, TN  
*Cell Morphology and Impact Strength of Microcellular Foamed HDPE/PP Blends*

Rachtanapun, Pornchai  
Bethlehem, PA  
*Effect of Melt Index of HDPE on Microcellular foaming of HDPE/PP blends*

**Park, Recreation & Tourism Resources**

Churilla, Allison  
Tampa, FL  
*Exploring Factors that Influence Self-Concept Among Youth in a Diversion Program*

Huh, Chang  
Las Vegas, NV  
1) *Travelers' Searching and Purchasing Behavior on the Internet*

2) *What is the Real Number?: Stock Options Issues in Lodging Industry*

Huh, Chang  
Bolton Landing, NY  
*Who Participates in Fall-color Touring on Pleasure Trips?*

Kim, Seung Hyun  
Dalian, China  
*A Profile of Winery Visitors on the Pleasure Trip*

Palmer, Robert  
Tampa, FL  
*Modeling Community Pride and Satisfaction: A Comparison Between Recreation and Non-Recreation Participants*

Yen, Hung-Hsu  
Seoul, Korea  
*A Longitudinal Study of Residents' Attitudes toward Tourism Development in Kinmen Implications for Tourism Development*
**Plant Pathology**
Blankenheim, Zack
Milwaukee, WI
*Characterization of Isolates of Discula Destructiva in Michigan*

**Resource Development**
Baldwin, Sherill
Austin, TX
*Civic Agriculture and the University Farm*

Kirkby, Robert
Austin, TX
*Searching for the 'C'Word: Michigan Case Studies in Civic Agriculture*
Arts & Letters

American Studies

DeSuze, Ronald
Salt Lake City, UT
A Callaloo People - The Peculiarities of Race and Ethnicity in Trinidad and Tobago

Dominguez, Susan
Urbana-Chapagne, IL
From New Woman to Sioux Wife: Zitkala-Sa Goes Home to Marry

Garrelts, Nathan
New Orleans, LA
The New Dr. Strangelove: An Analysis of the Rhetoric of Conquest in Video Games

Takebayashi, Shuichi
Iowa
Popularizing the Counterculture: An Analysis of the Whole Earth Catalog
English

Christensen, Timothy
San Diego, CA
The Deterritorialization/Reterritorialization of Bodies and Landscapes in Joseph Conrad's Heart of Darkness

Comer, Todd
New Orleans, LA
Confusing the Subject: Don DeLillo's Mao II

Deb, Basuli
Santa Barbara, CA
Reclaiming the Subaltern Voice: The Case of Imoinda

Deines, Tim
Cardozo Law School, New York
Shares of Sovereignty: On Living out and Out-living a Concept

Fore, Melissa
Alexandria Egypt

Ibironke, Olabode
Alexandria, Egypt
Colonial Library and the Ontology of Violence in Africa: The Function of Allegory and Mythic Violence in Achille Mbembe's on the Postcolony

Nichols, Jennifer
New Orleans, LA
Of Paramount Importance: Movie Palaces, U.S. Imperialism, and Working Class Nationalism

Nicholson, Gregory
Tallahassee, FL
Mid-Village Mall: Privatization and Suburban Subversion in Don DeLillo's White Noise

Ogunfolabi, Kavode
Alexandria, Egypt
Be Hybrid or Die: Limitations of In-Betweenness

Schneider, Tammy
Phoenix, AZ
The Lions Have Had No Painters: Hendrick Aupumut and the Language of Diplomacy

Warnapala, Kanchanakesi
Riverside, CA
The Colonial in the Metropole
**History**

Bulman, Jan  
Leeds, England  
*Re/Collecting Episcopal Authority: The Court Book of Mende*

Pruett, Christina  
Alexandria, Egypt  
*Dis(re)memberment and Specters fo the Past*

Sene, Ibra  
Toulouse, France  
*Colonisation Francaise et Main-d’oeuvre Carcerale au Senegal: De l’emploi des Detenus des Camps Penaux sur les Chantiers des Travaux Routiers (1927-1940)*

**Linguistics**

Xiang, Ming  
San Francisco, CA  
*Modifier Ordering in the Chinese NP*
Linguistics & Germanic, Slavic, Asian & African Languages

Benson, Erica June  
Stanford, CA  
*What the Folk Have to Say about Dialect Boundaries*

Githinji, Peter  
Stanford, CA  
*The Dilemma of Stereotyping Sheng’ and its Speakers*

Imai, Terumi  
Atlanta, GA  
*Social Aspect of Japanese Vowel Devoicing*

Kakegawa, Tomomi  
Newark, NJ  
*When Can We Use Sooda as a Response?*

Priester, Elizabeth  
Seattle, WA  
*Eastern German Authors: The Next Generation*

Richards, Kari  
Berlin, Germany  
*Third Culture Kids*

Sachs, Rebecca  
Toronto, Canada  
*Reformulation, Noticing, and L2 Writing*

Weltig, Matthew  
Baltimore, MD  
*Distinguishing Content from Language in Essay Assessment*

Wilson, Julie  
Nashville, TN  
*The Common Source of Existentials and Prepositions in Semitic*

Xiang, Ming  
Boston, MA  
*Garden-paths and Null Objects in Chinese*
Music

Grandon, Jimena
Santiago de Compostela, Spain
Canciones y Danzas by composer Federico Mompou

Gunn, Timothy
South Bend, IN
To have the Red Cedar Wind Trio participate in a competition.

Lee, WheY-May
Aubagne, France
Attending Advanced Conducting Seminar

Murdick, Nick
Tuscaloosa, AL
To compete in the American Horn Competition.

Snuffin, Thomas
Tuscaloosa, AL
To compete in the American Horn Competition

Tirk, Suzanne
Xi'an, China
Joan Tower's Fantasy On Those Harbor Lights, Robert Muczynski's Time Pieces, Shulamit Ran's Monologue for an Actor William Averitt's Nightscapes

Philosophy

Benson, Jennifer
Barcelona, Spain
Liminal Subjectivity and Freedom

Goldenberg, Maya
Halifax, Nova Scotia
1) Privilege and Performativity: Privilege in J.L Austin's Speech Act Theory

2) The Problem of Exclusion: A Metaphysical Investigation into Constructing a Category of Woman
Romance & Classical Languages

Bosse, Candice
Cincinnati, OH
The Consumption of Being Consumed: Materialized Images and Manipulated Identities

Echarri, Andres Xavier
Lima, Peru
The Constructions of Childhood in the Short Stories by Julio Ramon Ribeyro

Martinez-Hernandez, Laura
Portland, OR
Identification and Distancing in John Sayles’ Men with Guns and Luis Puenzo’s La Historia Oficial

Ruiz, Natalia
Lexington, KY
Autobiography and Fictional Authority: The Search for Ursula Suarez

Serrano, Damaris E.
Santa Domingo, Dominican Republic
El Retorno a la Mirada en Flores do outro Mundo

Silva, Angelica
Santo Domingo and Puerto Rico
1) Pancho Villa en una Historia de Mujeres en Como Agua Para Chocolate de Laura Esquivel

2) Estrategias Discursivas en un Texto de Viajes: Vida en Mexico Durante una Residencia de dos Anos en ese Pais de la Marquesa Calderon de la Barca

Villeges-Castaneda, Carlos
Cincinnati, OH
La Violencia En Los Textos de la Conquista de America
**Arts & Sciences**

**Advertising**
Choi, Sejung
Seoul, Korea
An Overview of Key Consumer Socialization Variables among Korean Consumers: Media Use Patterns, Interpersonal Communication and Importance of Varied Information Sources

Effects of Media Credibility and Message Type on the Third-Person Effect
Lee, Joo Hyun
Seoul, Korea
Effects of Web Site Design on E-Commerce: Antecedents of Trust for Online Stores

**Communication**
Lee, Sun Y.
New Orleans, LA
Understanding and Predicting College-aged Women's Dieting Behaviors: Theory of Reasoned Action

**Journalism**
Lowman, Jacquelyn
Las Cruces, NM
You Can Do It! Helen Peck: A Lifetime of Work, Leadership, and Encouragement in the Grange

**Telecommunication**
Lee, Youjin
Lisbon, Portugal
Mobile Value and Activity Theory in M-Commerce
Park, Songyi
San Diego, Ca
An Invisible Leverage in the Adoption of Online Social Support Community
Yun, Haejin
Miami Beach, FL
Framing Environmental Destruction on U.S. Army Camps in South Korea

**Business**

**Hospitality Business**
Chung, An-ja
Las Vegas, NV
The Operating Budget in the Restaurant Industry
CEPSE

Eades, Melissa
Kalamazoo
The Relationship Between Skin Tone Perceptions, Self-esteem and Approachability Amongst Undergraduate College Students

Ferreira, Nathan
Kalamazoo, MI
Predicting 'Real' Interest in Race and Ethnicity

Green, Qiana
Kalamazoo, MI
The Relationship Between Skin Tone Perceptions, Self-esteem and Approachability Amongst Undergraduate College Students

Hamilton, Mark
Maastricht, Netherlands
Transatlantic Influences in the Education of Citizens: An Argument for the Comparative Study of Formal and Informal Education in Africa

Harvell, Kyron
Kalamazoo, MI
The Relationship Between Skin Tone Perceptions, Self-esteem and Approachability Amongst Undergraduate College Students

Min, Kyung-Seok
Columbus, OH
The Impact of Nonignorable Missing Data on the Inference of Regression Coefficients

Educational Administration

Garcia, Sonia J.
Grand Rapids, MI
Tools for Working with A Diverse Student Body

Lalendle, Luvuyo
New Orleans, LA
The Meaning of Leadership a Transforming Higher Education System in South Africa

Lubeski, Nancy
Jyvaskyla, Finland
Expectations of Schooling: Prospects for Re-Thinking Girl's Education in Africa

Wei, Na
New Orleans, LA
Internationalization of Higher Education: A Case Study of Renmin University of China

Electrical Engineering

Pan, Zhiguo
Acapulco, Mexico
Power Factor Correction Using a Series Active Power Filter
Kinesiology

Coughlin, Adam
San Francisco, CA
The Influence of Tissue Plasminogen Activator I/D Polymorphisms on the tPA response to Exercise

Kaminski, Lois
San Diego, CA
Effect of Exercise on Spinal Cord Choline Acetyltransferase and Vesicular Transporter Expression in Rats

McCann, Peggy S.
Tucson, AZ
Coaching Education for Urban Environments

Nagelkirk, Paul
San Francisco, CA
The Influence of the 4G/5G Polymorphism of the PAI-1 Gene on Plasma PAI-1 Concentrations During Exercise

Waldron, Jennifer
Tucson, AZ
Self-esteem, Body-esteem and Athletic Competence in Adolescent Females

Student Affairs Administration

Outlaw, Katherine
Atlanta, GA
The Importance of Black Professionals in the Field of Student Affairs.
Teacher Education

Boling, Erica
Chicago, IL & Orlando, FL
Preparing Educators to Teach Diverse Learners: The Influence of Narrative and Hypermedia Video-based Cases on Preservice Teacher Learning

Burns, Leslie
Athens, Greece
Four Lenses for the Analysis of Teaching: Accelerating the Development of Expertise in Preservice Teacher Education

Enfield, Mark
Philadelphia, PA
Collaboration on Experience Based Explanations in Large Group Elementary Science Discussions

Gwekwerere, Yovita
New Orleans, LA
From Covering the Syllabus to Uncovering the World of Science. Contextualizing Science Teaching in Zimbabwe

Ni, Yongmei
Orlando, FL
The Fiscal Consequences of District Enrollment Change under Michigan's Proposal A

Siebenthal, Sharman
Miami, FL
Exploring the use of Reading Classroom Explorer and Using the Reading Classroom Explorer: PC University Case Study
Chemical Engineering
Ni, Wangyang
San Diego, CA
Microscopic Shape Memory and Superelastic Effects under Complex Loading Conditions

Civil & Environmental Engineering
Schorsch, Michael
Washington, DC
Effects of Segregation on the Initiation and Propagation of Top-Down Cracks

Civil and Environmental Engineering
Kowalkowski, Keith
Baltimore, MD
Evaluation of Analytica Models for High Strength Square CFT Beam-Columns

Computer Science
Kang, Seung-Seok
Providence, RI
Mobile Peer Membership Management to Support Multimedia Streaming
Electrical and Computer Engineering

Goradia, Amit
Singapore
Hybrid Force Position Control in Moving Hand Coordinate Frame

Hogan (Foster), Shanelle Nicole
Bruges, Belgium
Field-Oriented Control of Linear Induction Machine

Love, Derik
Columbus, OH
Determination of the Shielding Effectiveness of an Aluminum Honeycomb Panel Modeled as an Array of Cylindrical Waveguides

Tian, Yong
Seattle, WA
1) Time-of-flight Measurements from Eddy Current Tests

2) Simulation of the Magnetic Flux Leakage NDE Benchmark Problem

3) Simulation of the World Federation's Second Eddy Current Benchmark Problem

Waheed, Khurram
Tulsa, OK
1) A Data-Derived Quadratic Independence Measure for Adaptive Blind Source Recovery in Practical Applications

2) Blind Source Recovery Using an Adaptive Generalized Gaussian Score Function

3) Cascaded Structures for Blind Source Recovery

4) State Space Blind Source Recovery of Non-Minimum Phase Environments

5) A Robust Algorithm for Detecting Speech Segments Using an Entropic Contrast

6) A Completely Integrated, Low Noise, Low Power CMOS Frequency Synthesizer for GSM Communications

Wang, Jin
Miami, FL
A Novel Configuration of UPFC

Zhang, Jichun
Tulsa, OK
A Universal Micro-Sensor Interface Chip with Network Communication Bus and Highly Programmable Sensor Readout
**Mechanical Engineering**

**Aitcheson, Nicole**  
New Orleans, LA  
*Fundamental Effects of Boundary Structure on Nano-Scale Conductive Heat Transfer*

**Angoshtari, Negin**  
Dallas, TX  
*Direct Numerical Simulation of a Turbulent Methane Flame in a Shearless Mixing Layer*

**Daoud, Mohamed**  
Dallas, TX  
*Parametric Investigation of Laser Doppler Microphones*

**Fickes, Daniel D.**  
New Orleans, LA  
*Fundamental Effects of Boundary Structure on Nano-Scale Conductive Heat Transfer*

**Ignatovich, Cori L.**  
Atlanta, GA  
*Physical Surrogates in Design Optimization for Enhanced Crashworthiness*

**Mehravaran, Kian**  
Dallas, TX  
*The Effects of Gravity on Transitional and Turbulent Jet Flames*

**Phillips, Daniel M.**  
New Orleans, LA  
*Preservation of Cell Viability in Cartilage Explants Following Severe Blunt Trauma*

**Zeng, Yichong**  
Ontario, Canada  
*A Grammar-Based Approach to Capturing and Managing Processes: An Industrial Case*
Human Ecology

**Family & Child Ecology**

Nievar, Angela Casady  
Tampa, FL  
1) Poverty and the Development of African American Children: Testing an Adaptation of McLoyd’s Theoretical Model with the NLSY

2) Parental Efficacy and School Readiness for Kids: What are the Connections?

Stacks, Ann  
Washington, DC  
Children's Aggressive Behavior in a Head Start Sample: Its Relation to Caregiver Factors and Children's Attachment Representatives

**Food Science & Human Nutrition**

Handu, Deepa  
San Diego, CA  
Characteristics of a Sample of Children and Adolescents (6-19 year) with Diagnosed Type 2 Diabetes in a Pediatric Endocrinology Clinic

Large, Teresa  
Lincoln, NE  
Variation in Durability of Shiga-toxin Producing Escherichia Coli Clones

Lee, Seung-Yeon  
Philadelphia, PA  
Dietary Quality and Beverage Consumption of Mothers and Toddlers in Low Income families

Meier, Emily  
San Diego, CA  
Dietary Patterns Associated with Risk Factors for Cardiovascular Disease in Healthy U.S. Adults
Human Environment & Design

Lee, So Young
Glasgow, UK
A Facility Manager's Role to Provide Quality Service through Reflecting User Needs

Lee, So Young
Minneapolis, MN
A Case Study, Windmill Place Renovation Process as a Community Development Project

Lee, Young-A
New York, NY
Michigan Apparel and Textile Manufacturing Industry: Characterization and Needs Assessment

Yun, Zee-Sun
Las Vegas, NV
E-Customer Loyalty Intention Toward the E-tailer

Yun, Zee-Sun
Quebec, Canada
The Impact of Consumer's Risk Perceptions on Etail Store versus Retail Store Shopping Intention: The Role of Consumer's Shopping Experiences as a Risk Reliever

Human Medicine

Biochemistry & Molecular Biology

Anastasiya, Gridasova
Saxtons River, VT
Human snRNA Gene Regulation by the p53 Tumor Suppressor Protein
**Biochemistry & Molecular Biology**

**Fertuck, Kirsten C.**  
Salt Lake City, UT  
*Use of an Empirical Bayes Screening Approach and Gene Ontology Annotations to Filter and Interpret Microarray Data from the Uteri of Estrogen-Treated Mice*

**Cell & Molecular Biology**

**Lidder, Preetmoninder**  
Seville, Spain  
*New Molecular Phenotypes in the dst Mutants of Arabidopsis Revealed by DNA Microarray Analysis*
Chemistry

Agarwal, Parminder
Boston, MA
Use of Polymeric inhibitors for Studying Calcium Carbonate Crystallization

Huang, Jie
New Orleans, LA
Asymmetric Cyclohexadienone Annulation of Fischer Carbene Complex in the Total Synthesis of Phomactin D

Li, Qian
Quebec, Canada
Analysis of the Non-covalently Bound Cytochrome c Oxidase Complex

Narayan, Radha S.
Boston, MA
Progress Towards the Total Synthesis of Mucoxin

Olmsted, Courtney
Boston, MA
Computational Studies of Amides: Rotation around the N-Cc=o and Cc=o-Ca Bonds

Peddibhotla, Satyamaheshwar
New Orleans, LA
Highly Diastereoselective Multicomponent Synthesis of Unsymmetrical Imidazolines

Phillips, Glenn
New Orleans, LA
The Total Synthesis of Fostriecin and Some Analogs

Radano, Christopher
Boston, MA
Synthesis of Novel Biodegradable Copolymers Using Cross Metathesis

Rawat, Manish
New Orleans, LA
Total Synthesis of Carbazaquinocin-C: Application of Photochemical Benzannulation of Fischer Carbene

Sharma, Vasudha
New Orleans, LA
Potentiation of Chemotherapy Via Theophylline Derivatives

Sonthalia, Prerna
Orlando, FL
Application of Microcrystalline and Nanocrystalline Diamond Thin-Film Electrodes for the Electrochemical Detection of Trace Metal Ions

Stotter, Jason
Orlando, FL
Optically Transparent Diamond Film Electrodes for Spectroelectrochemical Measurements
Sullivan, Daniel
New Orleans, LA
Ultrathin, Gas-selective Polyimide Membranes Prepared from Multilayer Polyelectrolyte Films

Yang, Rong
Antonio, TX

**Genetics**

Bumbaugh, Alyssa
Washington, DC
Genomic Variation in Shigella Dysenteriae Type 1 Using a New Approach Called Paired End Sequencing Mapping

Park, Leeyoung
Baltimore, MD
Association & Linkage Study of ADHD Using Polygenic Model

**Geological Sciences**

Szymanski, David W.
San Francisco, CA
Generation of Continental Crust in Central America: New Field and Geochemical Observations on Silicic Magmatism in Costa Rica

Viray, Ela Lita
San Francisco, CA
Origin of the Silicic Ash-flow Sheets in Southern Nicaragua

**Mathematics**

Novozhilova, Lidiya
Princeton, NJ
Existence of Minimizers for Axisymmetric Problem in Nonlinear Elasticity

**Medical Technology Program**

Hengesbach, Lindsy
San Diego, CA
Vitamin A is Required for Myeloid Lineage Dendritic Cell Development from Murine Bone Marrow

Montgomery, Michelle
New Orleans, LA
Computerized Atlas of Peripheral Blood Smears as a Job Aid

**Neuroscience**

Ren, Jianhua
Orlando, FL
P2X2 Receptors Mediate Fast Synaptic Excitation in Murine Myenteric Neurons
**Physics & Astronomy**

Kuljanishvili, Irma  
Austin, TX  
*Charge Accumulation Imaging (CAI) - a Possible Reality Tool for Direct Observation of the CDWs*

Mocko, Michal  
Moscow, Russia  
*Projectile Fragmentation of 58Ni at 140MeV/u*

**Plant Biology**

Alvarez-Fuentes, Orlando  
Cartagena de Indias, Colombia  
*Temporal Collecting Patterns: At What Rate are Herbaria Accumulating Specimens*

**Statistics & Probability**

Sirbu, Corina-Mihaela  
Tampa, FL  
*The Use of Kaplan-Meier Estimator of the Censoring Distribution in the Estimation of Medical Costs*

**Zoology**

Cohen, Emily  
New Orleans, LA  
*Survivorship, Movements and Habitat-use of Postfledging White-throated Robins in Southern Costa Rica*

Thobaben, Eric  
New Orleans, LA  
*Linking Plant Communities and Hydrologic Variables in Michigan Wetlands*

Tokar, Erik J.  
Chicago, IL  
*Modification of Invasive Characteristics of Human Prostate Cancer Cells by Vitamin D3*
Social Science

**Anthropology**

Bergstrom, Kari  
Monterrey, Mexico  
*Making Sense of Gender and Social Change: A Study of Seclusion, Farming, and Household Economies in Niger*

Jancius, Angela  
Copenhagen  
*Culture and Economy: Contemporary Perspectives*

**Criminal Justice**

Holtfreter, Kristy  
Rio de Janeiro, Brazil  
*Greed is Not Good: Occupational Fraud and Abuse in Organizations*

**Economics**

Bae, Sanghoo  
St. Louis, MO  
*The Optimal Number of Franchises in Professional Sports League*

Luo, Zhehui  
Minneapolis, MN  
*Adult Health Transition in China*

Pema, Elda  
St. Louis, MO  
*Internal Labor Markets Revisited: The Case of Academia*

Rhee, Hyuk-jae  
St. Louis, MO  
*Money-based Stabilization with Imperfect Competition*

Rukumnuaykit, Pungpond  
Minneapolis, MN  
*Crises and Child Health Outcomes: The Impacts of Economic and Drought/smoke Haze Crises on Infant Mortality and Birthweight in Indonesia*

Wang, Chien-Ho  
Columbus, OH  
*Further Result on the Asymptotics for Nonlinear Transformations of Integrated Time Series*

Witoelar, Firman  
Minneapolis, MN  
*Inter-Households Allocations within Extended Households: Evidence from the Indonesia Family Life Survey*

Yoo, Kyeongwon  
Williamstown, MA  
*Precautionary Behavior and Household Savings and Consumption Decisions: An Empirical Analysis Using Household Panel Data from Rural China*
**Geography**

Aldrich, Stephen  
New Orleans, LA  
*Predictive Land Cover Change Models: A Comparison of a Statistical and Cellular Automaton Approach to Land Cover Change Modeling*

Arima, Eugenio  
New Orleans, La  
*Environmental GIS Applications*

Delamater, Paul  
New Orleans, LA  
*Steps Toward the Implementation of a Temporal GIS*

Kulas, Christina  
New Orleans, LA  
*Biogeography and Political Ecology: Possibilities for Engagement*

Shein, Karsten  
New Orleans, LA  
*A RCM/GIS Based Approach to Identifying Potential Wind Farm Sites*

Vergara, Dante Gideon  
New Orleans, LA  
*Unbiased Forest Fragmentation Index through Remote Sensing and GIS in the Amazon and the Philippines*

**Political Science**

Byun, Jae-Ug  
Chicago, IL  
*The Emergence of Public-Private Partnership in State Economic Development Administration*

Byun, Jae-Ug  
Boston, MA  
*The Changing Nexus Between Policy and Administration: The Case of State Economic Development*

Dorhoi, Monica  
Chicago, IL  
*Are Anti-corruption Strategies Effective? Lessons from Central and Eastern Europe*

Kleinerman, Benjamin  
Boston, MA  
*Hamilton's Executive, Lincoln's Executive, Wilson's Executive: A Comparison of Three Related Notions of Executive Power*
Psychology

Addieson, Benjamin
Minneapolis, MN
Learning Versus Knowing About Our Patients and Ourselves: The Role of Creativity and Fear in Psychotherapy Process

Bergeron, John
Minneapolis, MN
From Demonic Possession to Erotic Transference

Chambers, Brad A.
Orlando, FL
Trait, Goal, and Feedback Effects on Individual and Team Regulatory Processes

DeJonghe, Erika
Tampa, FL
Trauma Symptoms in Infants who Witness Domestic Violence Toward Mothers

Gillum, Tameka
Jersey City, NJ
Still Raising Resistors: Conceptualizing Violence and Resistance Among Black Women

Jellison, William A.
Los Angeles, CA
Implicit and Explicit Measures of Sexual Orientation Attitudes: Ingroup Preferences and Overt Behaviors among Gay and Straight Men

Schettini, Allison
Tampa, FL
Unraveling Autonomy

Weatherill, Robin
Tampa, FL
The Effects of Maternal Depression on Lateral Biases in Infant Holding and on Maternal Attachment Representations

Wiechmann, Darin
Orlando, FL
1) Global selection: What really works?
2) Antecedents and consequences of organizational justice expectations

Williams, Carrick
Sarasota, FL
Incidental Memory in Visual Search: Both Targets and Rejected Distractors Leave a Lingering Trace

Social Work

Diepstra, Stephene
Rochester, NY
The Role of Community in Individual Development: Social Worker’s Influence for Positive Change

Hughes, Barbara M.
Phoenix, AZ
The Establishment of Self-Help Groups in Prison and Forensic Settings
**Sociology**

Christodoulou, Evangelia  
Cincinnati, OH  
*The Holy Community and its Converts*

Hatanaka, Maki  
Austin, TX  
*Local Democracy: Sustaining Healthy Community through Ethical, Sustainable Food Systems*

Kelly, E. Brooke  
Houston, TX  
*Strong Ties as a Family Adaptive Strategy: An Examination of the Social Support Networks of Rural Low-Income Latino Families*

Konefal, Jason  
Austin, TX  
*Local Democracy: Sustaining Healthy Community through Ethical, Sustainable Food Systems*

Williment, Kenneth  
Cincinnati, OH  
*Canadian Migration Experience and Identity in the Central Sociological Society*

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**Vet Medicine**

**Microbiology & Molecular Genetics**

Jones, Kathryn  
Washington, DC  
*A Swing Rectal Challenge Model to Evaluate Immune Responses to Campylobacter Jejuni Infection*
Research Enhancement Award

This feature of the Graduate Post highlights the graduate and professional students who received Research Enhancement Awards. The funds for these awards are provided by the Office of the Vice President for Research and Graduate Studies and are administered by the Graduate School. This funding mechanism is competitive and serves to enrich the research and scholarly activities of excellent graduate and professional students. Often the awards are used to attend extramural workshops and short courses to complement the strengths of the students’ programs.

The Graduate School is proud to recognize the achievements of these Research Enhancement Award winners!

Ag & Nat Resources

ANR Education and Communication Systems
Savala, Leonard
College of Agriculture and Natural Resources Student Levels of Engagement: Across Gender, Ethnicity and Experience Levels

ANRECS
Pokharel, Ridish
Development of Indicators to Evaluate Community Forestry Program in Nepal

Crop & Soil Sciences
Kinder, Sarah
Symbiotic PCB Biodegradation Using Transgenic Plants

Settavongsin, Rachada
Enhanced Phytoremediation Using Transgenic Plant Production of a Bacterial Biosurfactant

Fisheries and Wildlife
Laurent, Edward
Integrating Human, Satellite and Avian Perspectives of the Landscape for Analysis of Forest Bird Distribution Patterns

Lepczyk, Christopher
The Landowner Perceptions and Activities Related to Birds Across Rural to Urban Landscapes

Forestry
Xiang, Qing
Causes and Effects of Land Use Change in China’s Upper Yangtze River Basin

Horticulture
Fausey, Beth
Evaluating Herbaceous Perennial Species as New Flowering Potted Crops
Arts & Letters

**Art**
Liu, April
Retrieving Fuling: Pilgrimage to a Disappearing Land

**History**
Curry, Dawne
Azikwhelwa, Asinamali, Don't Ride, Don't Get On, We Have No Money: Alexandra, South Africa and its History of Resistance as a Black Island in a White Sea, 1940-15

M'Bayo, Tamba
Indigenous Interpreters and Other Intermediaries in Colonial Senegal, c. 1850's-19

**Linguistics and Languages**
Benson, Erica J.
Linguistic Variation in the Midlands: Need/want + Directional/locative Particles and Prepositional Phrases in a Midland Community

**Music**
Procopio, Mary
The Influence of Vodou Ceremonial Music on the Flute Compositions of Julio Racine

Troyer, Lara
The Songs of Amy Marcy Beach, 1967-1944

Arts & Sciences

**Communication**
Crook, Sarah
Abused Children and Television: Examining Parasocial Interaction in Special Populations

Lee, Sun Young

**Education**

**Kinesiology**
Coe, Dawn Podulka
The Importance of Physical Education Classes in Relation to Physical Activity Behaviors, Physical Fitness, and Academic Achievement

**Teacher Education**
Boling, Erica
Preparing Educators to Teach Diverse Learners: The Influence of Narrative and Hypermedia Video-based Cases on Preservice Teacher Learning.

Dyhouse, Elizabeth
A Report on Literacy Reform in an Urban Middle School

Fang, Yanping
How Do Middle School Mathematics Teachers in Shanghai Use Student Homework Tool for Developing Professional Knowledge for Teaching

Hunt, Christine
The impact of High-Stakes Testing on Curriculum and Instruction

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Engineering

Civil and Environmental Engineering
El Mohtar, Chadi
Geotechnical and Pavement Engineering

Fujimoto, Masanori
Wastewater Treatment in Tanzania

Haydar, Mazen
Alternative Landfill Recirculation Systems

Computer Science
Gillette, Carmen
Hand Interaction Simulation Using Motoric Interfaces for Augmented Writing

Mechanical Engineering
Akbari, Pechman
Analytical Design Procedure for Gas Turbine Topping Wave Rotors

Human Ecology

Family and Child Ecology
Casady, Angela
Environments of At-Risk Children

Damiano Teixeira, Karla M.
The Management of the Employment-Household Stress: A Qualitative Study to Examine Lives of Female Faculty Members

Human Environment and Design
Hiller, Kim
Circle Craft: A Case Study Analysis of a Handicraft Co-operative and Ecological Sustainability

Merchandising Management
Choi, Eun-Jung
Cross-Cultural Study of Differences of Consumer Behavior Between Online and Offline Shopping: Examining Price Perceived Quality Model in Online Shopping
**Plant Biology**

Keith, Jessie

*Test of the Peripheral Isolation Model of Speciation in Narrowly Endemic Monarda Species Relative to their Widespread Congener, Monarda Punctata*

**Plant Research Lab**

Gutierrez, Rodrigo A.

*Cluster Analysis of the Arabidopsis Transcriptome*

**Zoology**

Garcia, Erica Ann

*Community Ecology of Neotropical Water-filled Tree Holes*

Mahoney, Megan

*The Circadian Control of Reproductive Events in Diurnal and Nocturnal Rodents*

McGovern, Casey

*Partner Preference in Second Litter Mice*

Muecke, Eva-Maria

*Short-and Long-term Consequences of Dispersal Age in Male Belding's Ground Squirrels*

Smith, Michelle

*Nest Predator Species Richness and Relative Abundance: an Assessment of the 'Edge Effect on Nest Predation' Hypothesis*

Tanner, Jaime

*The Ontogeny of Feeding Performance in the Spotted Hyena (Crocuta crocuta)*

Wahaj, Sofia

*Sibling Rivalry in Spotted Hyenas (crocuta crocuta)*

Watts, Heather

*The Effects of Interspecific Competition on the Spotted Hyena*
Social Science

**Anthropology**

Brewer, Jennifer
*Negotiating Ghana's Adolescent Reproductive Health Crisis: Youth, Gender and the Family Planning Campaign*

Kashyap, Arunima
*Stone Tool Function: An Analysis of the Mesolithic Site of Bagor, India*

**Criminal Justice**

Ekwuaju, Alex
*Police Responses to Misdemeanors: Gender Differences at Police Arrest*

**Political Science**

Hwang, Wonjae
*The Dynamic Relationship Between Political Survival and Interstate Conflicts: A Two-Level Hierarchical Analysis on the Liberal Peace*

**Psychology**

Barnes, Jessica
*Evaluation of "Ready, Set, Grow! Passport?: Passport Outcomes Study*

Gillum, Tameka
*An Exploration of African American Women's Experiences with a Culturally Specific Domestic Violence Intervention*

Orellana, Duranda Cosette
*Mediating and Moderating Processes in the Relationship between Sociocultural Stress and Mental Health for Latina/o Students at a Predominantly White University.*

Podolski, Cheryl
*Attributions about Children's Misbehaviors in Relation to Parental Stress*

Theran, Sally A.
*Predictors and Outcomes of Level of Voice in Adolescent Girls*

Thomas, Oseela
*Young Empowered Sisters: An After-School Intervention for African American Young Women*

**Urban & Regional Planning**

Wilson, Jada
*African-American Historic Preservation and the Re-development of the Malcolm X Home Site*