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.

---

**Agricultural & Extension Education**

Pokharel, Ridish

Neno, NV

Users Perspectives on Indicators of Successful Community Forestry Program: A Case of Nepal

---

**Agricultural Economics**

Zamora, Miguel

San Salvador, El Salvador

1) Assessment of the Ethnic Demand in the U.S., for Beans from El Salvador, Guatemala, Honduras and Nicaragua

2) Assessment of Market Strategies for the Central American Bean Sub-sector

---

**Crop & Soil Sciences**

Charles, Simone

Denver, CO

Availability of Clay Surfaces in Soils for Sorption of Organic Contaminants

---

O'Boyle, Patrick

Sacramento, CA

Use of Marker-Assisted Selection to Breed for Resistance to Common Bacterial Blight in Dry Bean

---

Roman-Aviles, Belinda

Sacramento, CA

Evaluation of Bean Classes for Root Traits Differences Associated With Root Rot Resistance
**Entomology**
Lessard, JoAnna
Vancouver, BC
*Relationship Between Marine-Derived Nutrients from Spawning Salmon and Insect Abundance, Biomass and Diversity in Natural Southeast Alaskan Stream Systems*

McIntosh, Mollie
Brisbane, Queensland, Australia
*Macroinvertebrate Diversity of Isolated Wetlands: Are Wetland Quality and Size Important Factors?*

Mercader, Rodrigo
Ventura, CA
*Local Adaptation and Geographic Divergence in Papilio Troilus: Preliminary Data and Future Directions*

**Fisheries & Wildlife**
Klungle, Matt
Edmonton, Alberta
*An Evaluation of Large Woody Debris Restoration Efforts on the Manistee and AuSable Rivers, Michigan*

**Forestry**
Baek, Jungho
Madison, WI
*Market Impacts and Policy Implications of U.S. Trade Restrictions on Softwood Lumber Imported from Canada*

Lee, Cheng-Yu
Taipei, Taiwan
*Space-Time Statistical Modeling and Analysis Using STARMA Models: An Application to West Nile Virus*

**Horticulture**
Adhikari, Devi
Chapel Hill, NC
*Lipid Peroxidation and Cyclooxygenase Enzyme Inhibitory Activities of Amelanchier Spp. Fruits*

Durham, Angela
Providence, RI
*The Green Roof Research Program at Michigan State University*

Hauck, Nathanael
San Diego, CA
*Characterization of Non-Functional S-Haplotypes in Sour Cherry*

Oh, SooKyung
Orlando, FL
*Investigation of the Role of Plant PAF1-Related Proteins in Global Transcription and Histone Methylation*

van Rooyen, Elzette
Austin, TX
*Preserving Color in 'Michigan Purple' Potatoes*
Packaging
Alvarado, Gregory
Leeds, UK
Applying Eye Tracking to Packaging: Do People Read Warnings?

Tanprasert, Krittika
Hanoi, Vietnam
Comparison of the Effect of Controlled Atmosphere Storage and 1-Methylcyclopropene Treatment on the Quality of Fresh-cut Apple

Resource Development
Bailey, Deborah
New Orleans, LA
Wetland Mitigation Banks: What the Nation's Banker's Think
African American Studies
Robinson, Jeffery
Philadelphia, PA
Public Education and the African American Child

Agricultural Economics
Nizalov, Denys
Philadelphia, PA
A Quantitative Assessment of Impact of Michigan's Economic Development Policies on Personal Income Growth

American Studies
Jenkins, Tricia
San Antonio, TX
Reconstructing the Enemy in Joseph Kanon's The Prodigal Spy and Los Alamos

Stevens, Jennifer
San Antonio, TX
Coming of Age in Chicago: The Chicago Historical Society's Teen Chicago and the Practice of Popular Historymaking

Art
You, Meng-Shu
Indianapolis, IN
One of Meng-Shu's works "Drinks" will be exhibited.
**English**

Caulker, Tcho  
Oxford, UK  
*The Eighteenth-Century Heart of Darkness: The European Fascination with Coastal West Africa, and Penetration of the African Continent*

Githiora, Kuria  
Sacramento, CA  
*Language Attitudes Towards African American Vernacular Language/US Ebonics by African Students Attending a Large Midwestern University in the US*

Henkel, Scott  
San Antonio, TX  
*Working Conditions = Learning Conditions: Graduate Employees Unions, Advocacy, and Making Composition Matter*

Holcomb, Brian  
Birmingham, England  
*Lovely Spring Weather Bubonic Plague Raging: Comedy of Repetition in Evelyn Waugh’s Scoop* during the panel “Play It Again: Repetition and Modernism”

Kowino, Hilary  
Madison, WI  
*Homeland and Exile: The Problematic of Returning Home*

Olasz, Ildiko  
Pittsburgh, PA & Ann Arbor, MI  
1) *Illustrating the Unknown: Washington Square and ITL Illustrations*

2) *The Survival of the Beautiful? Aestheticism and Feminine Beauty in the 1850-70 British Novels*

Zuidema, Leah  
San Antonio, TX  
*Personal Matters: Equipping Students to Select/Construct Rhetorical Approaches*

**History**

Carrera, Nashma  
New Orleans, LA  
*History, Culture, and Musical Expression of Bomba in Puerto Rico and the United States*
Linguistics & Germanic, Slavic, Asian & African Languages

Backman, Stephen
Madison, WI
Assessing the Use of Online Course Materials by First Year Swahili Students

Chang, Moon-Jeung
Long Beach, CA
Writing Activities in Korean English Language Textbooks

Miller, Karen
Utrecht, Netherlands
Wide-Scope Indefinites in English Child Language

Miller, Karen
Albuquerque, NM
Child Interpretation of Spanish Indefinites

Mutsukawa, Masahiko
Edinburg, TX

Odamtten, Harry
Philadelphia, PA
The Paradox of Pan-Africanism: A Retrospection

Plichta, Bartłomiej
Philadelphia, PA
1) The /ay/ Have It: Stereotype, perception, and region

2) More on Perceptions of /a/ fronting

Roeder, Rebecca
Cambridge, MA
Comparative Bantu Vowel Systems

Sistrunk, Walter
Philadelphia, PA
Theoretical Linguists in the Midst: Utilizing Linguistic Science to Approach to the Study of African Atlantic Languages

Thompson, Amy
Los Angeles, CA
Total Physical Response in Integrated Skills Teaching
Music
Forsyth, Paul
Greensboro, NC & Washington, DC
Performing as a solo saxophonist as a member of the Rasa Saxophone Quartet

Garberich, Mark
Chicago, IL
Response to June Boyce-Tillman's "An Ecology of Music Education"

Graham, Sarah
Boise, ID
Gwyneth Walker's Music for Women's Voices

Hornbach, Christina
Lake Forest, IL
Music Teacher Education in Japan: Structure, Problems, and Perspectives

Jaffurs, Sheri
Milton Keynes, England
An Investigation of the Factors Contributing to the Creation of a Fifth Grade Rock Band

Miller, Nathan
Fairfax, VA
Trumpet performance

Procopio, Mary
Miami, FL
Transculturation in the Cuban Diaspora: Musical and Cultural Identity in the Lansing Cuban Community

Snuffin, Thomas
Markneukirchen, Germany
Performing in a competition.

Vogt, Sean
Atlanta, GA
Performing as guest solo recitalist.

Waytena, John
Berlin, Budapest, and Hungary
Performing Contemporary Clarinet Music by Eastern European Composers

Young, James
Washington, DC
Trumpet performance

Philosophy
Crane, Alison
Clearwater, FL
Who Does the Work of Justice? The Just Pursuit of Justice in a Global Context

Kraft, Jr., Rory
Memphis, TN
Ethics as a Rigorous Science
Rhetoric & Writing Program
Hasbrook, Melissa
Atlanta, GA
Possibilities and Rationales for Extending Multicultural Curricula Beyond US Borders

Romance & Classical Languages
Alvarez-Uribe, Sergio
Providence, RI
Identities in Motion

Ayotte, Stacey
Lexington, KY
Songs in the Foreign Language Classroom: Do they Impact Grammar Acquisition?

Garcia Cedro, Gabriela
Providence, RI
The Questioning of Institutional Order in Diamela Eltit's Narrative

Martinez-Fernandez, Adriana
Boulder, CO
Observations on the Characterization of Dona Garoza in Relation with the Main Themes in the Libro De Buen Amor

Vokes, Dawn
Honolulu, HI
1) The Historical Construction of the Spiral in Alejo Carpentier's Explosion in a Cathedral

2) La Paradoja de Madre y Amente: Una Vision Cultural de Madre Como Amante en Rayuela
**Arts & Sciences**

**Advertising**
Kothari, Sameer  
Baton Rouge, LA  
*Should Advertisers Go with the Flow? Understanding Consumers' Capacity for Processing Online Advertising*

**CEPSE**
Yu, Jing  
San Diego, CA  
*Establishing the Construct Validity of a High-Stakes Examination Across Diverse Teaching and Learning Contexts*

**Communication**
Bowman, Jonathan  
Miami Beach, FL  
1) *But Wait, There's More: Potential Moderator Variables in the That's-Not-All Technique for Gaining Compliance*

2) *Strategic Information Sharing in Mixed-Motive Decision-Making Groups*

Kim, Traci  
Boston, MA  
*Cultural and Linguistic Competence: A Training Program for Physicians*

Kim, Mi Kyoung  
Miami Beach, FL  
*The Image and Cultural Meaning of 2030 Generation in Korean Credit Card Advertisement*

Lee, Eunsoon  
Miami Beach, FL  
*Narcissism and Empathy as Predictors of Obsessive Relational Intrusion*

Lee, Hye Eun  
Miami Beach, FL  
*The Effects of Perspective Taking and Conflict Management Preferences on Satisfaction with Group Processes Among Korean Kindergarten Teachers*

Matter, Carl  
Boston, MA  
*Using the Health Belief Model to Determine Effective Heart Disease Messages Aimed at Women*

Volkman, Julie  
Boston, MA  
*Organ Donation within the African American Community: Understanding Effective Messages*
Telecommunication
Adelaar, Thomas
Seattle, WA
E-commerce, Competitiveness and the Spatial Structure of Markets

Chu, Chun-Hui
Utrecht, Netherlands
Comparing 14 Forms of Fun (and Learning and Gender Issues) In Commercial Versus Educational Space Exploration Digital Games

Kim, Junghyun
New Orleans, LA
Interactive E-Commerce: Promoting Consumer Efficiency or Consumer Impulsivity?

Lim, Lynette
New Orleans, LA
1) Reexamining the Internet Paradox: Moderating Effects of Internet Use on Gender, Internet Efficacy and Depression
2) Does Virtual Space Come Pre-coded with Meaning? Location Around the Body in Virtual Space Affects the Meaning of Objects and Agents.
3) Introduction to Augmented Reality in Communication Research.

Mackert, Michael
Lisbon, Portugal
Internet Habit and Addiction in the Context of a Community Website

Maniar, Apar
Utrecht, Netherlands
Comparing 14 Plus 2 Forms of Fun (and Learning and Gender Issues) in Commercial Versus Educational Space Exploration Digital Games

Yun, Haejin
New Orleans, La
The Rise and Fall of Online Social Support: Group Level Predictors

Business

Finance & Insurance
Gurun, Umit
Denver, CO
Does Fundamental Risk of Arbitrage Explain High Volume Return Premium

Marketing & Supply Chain Management
Kandemir, Destan
Chicago, IL
Satisfaction and Market Performance in International Strategic Alliances
CEPSE
Hall, Darryl
San Diego, CA
African American Teacher: Reflections on Resistance to Alternative Pedagogy at a Historically White University

Strom, Thad
Honolulu, HI
Dispositional Coping and Gender Role Conflict in College Aged Men

Chemical Engineering
Smith, Ian
Sydney, Australia
MC3T3-E1 Ols are a Suitable Substitute for Primary OB Behavior in Terms of Potential Analysis of HA and BTCP in Vitro

Civil and Environmental Engineering
Haydar, Mazen
Philadelphia, PA
Numerical Evaluation of Spatial Variation in MSW Landfills

Educational Administration
Allen, Ann
San Diego, CA
School Board Elections and the Democratic Governance of Schools

Cabrales, Jose
Denver, CO
Alcanzando una Estrella: Latino Undergraduates' Knowledge and Perceptions of Graduate and Professional Studies

Harris, Debbi
Salt Lake City, UT
From Steps and Lanes to the NASCAR Circuit: Teacher Responses to Merit Pay

Jobson, John
Philadelphia, PA
Identity Change During College Transition: Relationships and Associated Events

Lunceford, Christina
Long Beach, CA
1) Student Affairs Administration in Higher Education
2) A Comparative Analysis of the US and South African Experience
3) Guiding Principles for Student Affairs as a Profession
4) Institutional Responses to Student Development, Diversity, and Campus Culture
5) Organizational Development and Management of Student Affairs: The Professional Competence of Practitioners and Identity of the Sector

Piert, Joyce
San Diego, CA
Afrocentric Curriculum and Organizational Change
Kinesiology
Hughes, William
Montreal, Canada
Dimensions of Physical Activity and Sport Among Women of Color

Lee, Jeong-Dae
Montreal, Canada
Dimensions of Physical Activity and Sport Among Women of Color

Tonsing, Tiffanye
Philadelphia, PA
The Motivations and Influences of Female College Athletes

Teacher Education
Fang, Yanping
San Diego, CA
How Middle School Mathematics Teachers in Shanghai Use Student Homework as a Tool for Teacher Learning in the Workplace

Son, Ji-Won
Honolulu, HI
The Usefulness of Performance Assessment

Thi, Han Han
Salt Lake City, UT
Discrimination in the Career-Development of Teacher Educators in Myanmar

Zhang, Gaoming
Scottsdale, AZ
Home/School Matches and Mismatches in Literacy Practices and Beliefs: Case Studies from Diverse Cultures
Chemical Engineering
Kalaitzidou, Kyriaki
Rhodes, Greece
*Processing, Electromechanical Properties and Morphological Characterization of Exfoliated Graphite-Polypropylene Nanocomposites*

Civil and Environmental Engineering
Huang, Zhihui
Long Beach, CA
*Effects of Inelastic Local Buckling on Semic Behavior of Structural Members and Frames*

Computer Science
Cherba, David
Kobe, Japan
*Dave Developmental Humanoid: The Control Architecture and Body*

Hu, Jianjun
Boston, MA Seattle, WA Portland OR
1) *Topological Search in Automated Mechatronic System Synthesis Using Bond Graphs and Genetic Programming*

2) *Robust and Efficient Genetic Algorithms with Hierarchical Niching and a Sustainable Evolutionary Computation Model*

3) *Wireless Access Point Configuration by Genetic Programming*

Huang, Xiao
Montreal, Quebec, Canada
*Office Presence Detection Using Multimodal Context Information*

Liu, Yunhao
San Francisco, CA
*AOTO: Adaptive Overlay Topology Optimization in Unstructured P2P Systems*

Patil, Abhishek
Hyderabad, India
*POMA: Prioritized Overlay Multicast in Ad-Hoc Environments*

Zeng, Shu Qing
New Orleans, LA
1) *Obstacle Avoidance Through Incremental Learning with Attention Selection*

2) *Online-learning and Attention-based Obstacle Avoidance Using a Range Finder*

Zhang, Nan
Montreal, Quebec, Canada
*A Quasi-optimally Efficient Algorithm for Independent Component Analysis*

Zhuang, Zhenyun
San Francisco, CA
*AOTO: Adaptive Overlay Topology Optimization in Unstructured P2P Systems*
**Electrical and Computer Engineering**

Chen, Heping  
Las Vegas, NV  
*Multi-objective Optimal Robot Path Planning in Manufacturing*

Fan, Zhun  
Houston, TX  
*Neural Networks and Fuzzy Systems*

Gao, Yongying  
Montreal, Quebec, Canada  
*A Multistage Camera Self-Calibration Algorithm*

Li, Guangyong  
Las Vegas, NV  
*Modeling of 3-D Interactive Forces in Nanomanipulation*

Liang, Weiguo  
Princeton, NJ  
*Blind Multiuser Detection for Uplink CDMA Systems with Aperiodic Spreading Codes*

**Electrical Engineering**

Ortiz-Rivera, Eduardo  
Hong Kong  
*Study of Power Quality: Problems in Commercial Buildings in Puerto Rico*

**Mechanical Engineering**

Afshari, Asghar  
Reno, NV  
*Development and Validation of a Multi-Block Code for LES in Complex Geometries*

Akbari, Pezhman  
Washington, DC  
*Utilizing Wave Rotor Technology to Enhance the Turbo Compression in Power and Refrigeration Cycles*

Meyer, Eric  
San Diego, CA  
*The Effect of Impact Angle on Knee Tolerance to Rigid Impacts*

Nudehi, Shahin  
Hawaii  
1) *Enhancing Controllability and Observability in Under-Actuated/Under-Sensed Systems through Switching: Application to Vibration Control*

2) *A Haptic Interface Design for Minimally Invasive Telesurgical Training and Collaboration in the Presence of Time Delay*
**Family & Child Ecology**

**Brosi, Whitney**
Vancouver, British Columbia
*Women and Work: The Ecology of a Rural Community*

**Goff, Jaime**
Vancouver, British Columbia
*Sociocultural Aspects of Body Image Among Female University Students from Migrant Farm Worker Families*

**Hoppe-Rooney, Tianna**
Vancouver, BC, Canada
*Socio-cultural Aspects of Body Image Among Female University Students from Migrant Farm Worker Families*

**Jordan, Dorothy Elizabeth**
Boston, MA
*Ecology for Teen Mothers' Completion of Secondary Education*

**Martinez, Victoria**
Cambridge, MA
*Ecology for Teen Mothers' Completion of Secondary Education*

**Ziazi, Zora**
Savannah, GA
*Fostering Mental and Physical Health Outcomes in Youth: Investigating School Climate Pathways on School Bonding*

**Food Science & Human Nutrition**

**Block, Erica**
Washington, DC
*Modulation of Escherichia Coli: 0157:H7 Mediated Production of Proinflammatory Mediators by Two Species of Lactobacilli in Two Conditionally Immortal Colon Epithelial Cell Lines*

**Harkins, Janette**
Washington, DC
*Modulation of IL-6 Expression and Secretion in Adipose Tissue in Vitro and in Vivo by n-3 Fatty Acids*

**Jocks, Jodi**
Washington, DC
*Type 2 Diabetes and Metabolic Syndrome in Youth*
Human Environment & Design
Byun, Sang-Eun
Columbus, OH
1) Chinese Consumers' Shopping Hedonism: The Effect of Pricing Discontent and Negative Perception of Price

2) Market Potential of Processed Foods in India: Supply Chain Perspectives

Choi, Eun-Jung
Algarve, Portugal
A Cross-cultural Comparison of Internet Usage: Media Habits, Gratifications, and Addictions in Korea and the US

Hiller-Connell, Kim
Savannah, GA
Sustainable Development Indicators: An Examination of a Handicraft Cooperative in a Developed Country

Runyan, Rod
Portland, OR
Downtown Business Owners and Technology Adoption
Biochemistry & Molecular Biology

Frentzel, Joseph
Montreal, Quebec, Canada
Glucocorticoids Induce Rapid Downregulation of Glucocorticoid Receptor in Human Neutrophils and Upregulation of Glucocorticoid-Induced Leucine Zipper (GILZ) mRNA

Herrera, Francisco
Cold Spring Harbor, NY
Recruitment of Chromatin-modifying Proteins to Viral Gene Promoters by VP16 During HSV-1 Lytic Infection

Chemistry

Canlas, Christian
Pacific Grove, CA
31P High Temperature NMR Studies of Metal Selenophosphate Compounds

Crist, Rachael
New York, NY
Engineering a Rhodopsin Protein Mimic

Wang, Mei
New York, NY
Functionalizing Polylactides for Tissue Growth

Entomology

Walter, Abigail
Sofia, Bulgaria
Michigan's Experience with Biotech Crops

Genetics

Vlangos, Christopher
Los Angeles, CA
Commercial FISH Probes for Smith-Magenis Syndrome Do Not Contain the Ral1 Gene and Fail to Diagnose All Cases

Wagner, Trevor
Iowa City, IA
Regulation of in Vivo Induced Genes of Actinobacillus Pleuropneumoniae by Branched-chain Amino Acid Limitation and Leucine-Responsive Regulatory Protein

Yu, Bin
Honolulu, HI
Anionic Lipids are Required for Chloroplast Biosyntheses and Function
**Geological Sciences**

Burris, John  
St. Paul, MN

*Fossil and Recent Centra of Carcharhiniform Sharks: Morphology and Phylogeny*

Lindeman, Merideth  
Seattle, WA

*Riverine Systems as Conduits of Material Flow: The Use of R-Mode Factor Analysis and Cluster Analysis to Examine the Influence of Land Use on the Chemistry of Riverine Systems*

Piwinski, Leah  
Honolulu, HA

*Lake Erie Trophic Status and Primary Production: Evaluation Based on o18O of O2 and the oO2/Ar*

**Microbiology**

Mukherjee, Shibani  
Washington, DC

*Alterations in Cell Cycle Regulation Leading to Antiestrogen Resistance in Human Breast Cancer Cells*

**Neuroscience**

Clark, Kimberly  
New Orleans, LA

*Effects of Peripheral Leptin Administration on Norepinephrine Release in the Paraventricular Nucleus*

Holmes, Melissa  
New Orleans, LA

*Testosterone-Induced Developmental Plasticity in the Courtship and Copulatory Neuromuscular Systems of Green Anoles*

Schwartz, Michael  
Whistler, British Columbia

*Individual Differences in Rhythms of Sleep and its Neural Substrates in Nile Grass Rats*

**Statistics & Probability**

Sirbu, George  
Pittsburgh, PA

*Adaptive Designs with Covariates*

Xue, Lan  
San Diego, CA

*Estimation of Semiparametric Additive Coefficient Model*
Zoology
Darcy-Hall, Tara
Portland, OR
Linking Grazer-Mediated Species Turnover to Patterns of Benthic Algal Limitation
Along a Productivity Gradient

Dembiec, Daniel
Columbus, OH
The Effects of Transportation Stress on Tiger Physiology and Behavior

Dloniak, Stephanie
Jyvaskyla, Finland
Androgens During Pregnancy in Wild Spotted Hyenas (Crocuta Crocuta): the Influence
of Social Rank and Maternal Effects on Cub Behavior

McKinnon, Laura
Sacramento, CA
Patterns of Relatedness in Amalgamated Broods of the Common Eider (Somateria
Mollissima) Exploring the Kin Selection Hypothesis

Moscarella, Rosa
Margarita Island, Venezuela
Conservation Genetics of Venezuelan White-Tailed Deer and Implications for the
Management of Margarita Deer

Neigh, Arianne
Christchurch, New Zealand
A Trophic Level Approach to Exposure Assessment of a PCB Contaminated Riverine
Ecosystem

Nixon, Joshua
Whistler, British Columbia
Appositions Between Orexin Fibers and Neuropeptide-Y Cells in the Grass Rat
Intergeniculate Leaflet

Wilson, Christopher
Columbus, OH
Test Instrument Development for the Evaluation of Conservation Education

Nursing
Jabionski, Anita
Portland, OR
The Symptom Experience and Quality of Life of End-Stage Renal Disease Patients on
Hemodialysis

Osteopathic Medicine

Cell & Molecular Biology
Appledorn, Daniel
Santa Fe, NM
Rac1: A role in V12-H-Ras Transformation and VEGF Expression
Social Science

**Anthropology**

**Cook, Robert**  
Montreal, Canada  
*Fort Ancient Village Formation and Structure: A Spatial Analysis of the SunWatch Site*

**Kashyap, Arunima**  
Montreal, Canada  
*A Pilot Microwear Analysis of Sampled Microliths from the Mesolithic Site of Bagor, Rajasthan, India*

**Ladia, Mary Ann**  
Baguio City, Philippines  
*Malaria in Paracelis, Mountain Province: The Human Factor*

**Perez, Michael**  
Anchorage, AK  
*Palestinian Nationalism*

**Whitman, Elizabeth**  
Dallas, TX  
*Distinguishing Between Human and Non-Human Secondary Osteons in Ribs*

**Criminal Justice**

**Blair, John**  
Las Vegas, NV  
*The Role of Interrogation in Producing False Confessions*

**Jeong, Seok-Jin**  
Denver, CO  
*Motivation of Becoming Corrections Officers in South Korea*

**Patchin, Justin**  
Las Vegas, NV  
*An Evaluation of a Community Probation Program Aimed at Serious Juvenile Offenders*

**Crop & Soil Sciences**

**Huang, Xuewen**  
Denver, CO  
*Spatial-temporal Analysis of Corn-soybean Yield Variability in an Undulated Field*
**Economics**

Loudermilk, Margaret  
San Diego, CA  
*The Impact of Governing Structure on the Pricing Behavior and Market Structure of Public Institutions of Higher Learning*

Mu, Ren  
New Haven, CT  
*Risk Consumption, Human Capital and Wealth: Evidence from Russia*

Petrova, Iva  
Puebla, Mexico  
*Credit Dollarization: Is it Firms’ or Banks’ "Fault"?*

Rhee, Hyuk-jae  
San Antonio, TX  
*Imperfect Competition and Inflation Stabilization in a Small Open Economy: The Predetermined Exchange Rate Case*

Rukumnuaykit, Pungpond  
New Haven, CT  
*Crisis and Child Health Outcomes: The Impacts of Economic and Drought/Smoke Haze Crises on Infant Mortality and Birthweight in Indonesia*

Witoelar, Firman  
New Haven, CT  
*Inter-Households Allocations Within Extended Households: Evidence from the Indonesia Family Life Survey*

**Forensic Science**

Wood, Leslie  
Dallas, TX  
*Submandibular Shotgun Wounds: Reconstructing Individual Death Histories from Symmetrical Fracturing of the Skull*

**Geography**

Campos, Annalie  
Philadelphia, PA  
*The Relationship Between Social Capital and Residential Form: Experiences from Lansing, Michigan and Davao City, Philippines*

Kodandapani, Narendran  
Orlando, FL  
*Fire as a Recurrent Disturbance Event in the Tropics: Current Fire-return Intervals, the Influence of Fuel Loads and Precipitation*

Shadbolt, Ryan  
Philadelphia, PA  
*A Climatology of Northerly Low-Level Jets in the Central United States*
**Political Science**
Crespin, Michael
New Orleans, LA
1) Ideology, Electoral Incentives, and Congressional Politics: An Examination of the Republican Class of 1994 in the House

2) Parties as Procedural Coalitions in Congress: Evidence from a Natural Experiment

Kim, Doo-Rae
New Orleans, LA
Rethinking the Effects of Electoral Competition and Partisan Balance on State Welfare Policy

Williams, Rohan
Santo Domingo
The CCJ in Defiance of the Privy Counsel

**Psychology**
Livingston, Jonathan
Philadelphia, PA
1) Double Consciousness: Defining Psychological Empowerment in African American Women

2) Cultivating Consciousness: Black Women Negotiating Identity and Ideology in a Homogeneous Context

Schulz, Kalynn
Cincinnati, OH
Gonadal Hormones During Puberty May Contribute to the Defeminization of Lordosis Behavior in Male Syrian Hamsters

Stavro, Gillian
Denver, CO
Shared Transmission of Anorexia Nervosa and Anxiety Disorders

**Social Work**
Edmonds-Cady, Cynthia
Omaha, NE
Engagement for Social Work Students, Empowerment for Clients and Communities: Who Owns the Knowledge, Who Owns the Power?

**Sociology**
Mascarenhas, Michael
Montreal, Canada

Oliver, Christopher
Quebec, Canada
Undermining State Environmental Protection Efforts: Trade Agreement Dispute Under WTO and NAFTA
Large Animal Clinical Sciences

Halbert, Lisa
Copenhagen, Denmark

Antimicrobial Susceptibility of Campylobacter Isolated from Organic and Conventional Dairy Farms in the United States

Halbert, Lisa
Copenhagen, DK

Antimicrobial Susceptibility of Campylobacter Isolated from Organic and Conventional Dairy Farms in the United States

Pathology

Kasturi, Badrinarayanan
New Orleans

Chronic Estrogen Exposure Causes Increase in Nitrate Levels in A1 Noradrenergic Regions of the Brain Stem and Increases Nitration of Tyrosine Hydroxylase in Medial Preoptic Area in Rats

Veterinary Medicine

Webster, Joshua
San Diego, CA

Prognostic Classification of Canine Cutaneous Mast Cell Tumors Based on Location, Depth and Staining Patterns of c-KIT and Tryptase
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 |

Fisheries & Wildlife

Axel, Anne
Linking Lemur Population Dynamics to Madagascar's Human-modified Landscape Structure

Prehoda, Michelle
Dynamics of Moose Herbivory in the Selawik National Wildlife Refuge, Alaska

Forestry

Adhikary, Shailendra
Long-Term Effects of Low-Intensity Surface Fires in Northern Michigan Red Pine (Pinus resinosa) Communities

Liao, Xianchun
China's Timber Markets: Production, Consumption, and Trade

Horticulture

Canoles, Mauricio
Effect of Fatty Acid Composition and Hydroperoxy Lyase in Biosynthesis of C6 Aldehydes and Alcohols

Zoppolo, Roberto
Orchard Floor Management Systems and Rootstock Performance for Organic Apple Production
Arts & Letters

African American Studies
Jackson, Austin

History
Antoine, Mikelle
Patriarchy and Religious Change: The Hausa Muslim Woman Factor in the Asante Kingdom

Hoolihan, Mark
Civil Society and Nationalism in the Czech Lands, 1880-1914

Music
Daleiden, Anne
Robert F. Unkefer - A Career Biography

Tango, Joanne
The Influence of Music Therapy Interventions on Self-Related Changes in Relaxation and Affect in Female Victims of Domestic Violence

Arts & Sciences

Telecommunication
Upletawala, Nishreen
Graphic Design

Business

Finance & Insurance
Gurun, Umit
Essays on Arbitrage Activities

Li, Zhikun
1) Liquidity, Financial Market Sentiment, and Corporate Investment

2) The Investors’ Reaction to Information About Use of Proceeds in Seasoned Offerings
Education

**Educational Administration**

Blackbear, Jolee
The Academic Experience of American Indian Students: The Impact of the Michigan Indian Leadership Program

Brockman, Julie
Informal Learning of Machine Operators

**Kinesiology**

Tonsing, Tiffanye
An Examination of Coaches’ Pre-Game Speeches and Their Influence on Athletes’ Self-Efficacy and Emotions

**Teacher Education**

Cheng, Haojing
Teaching Learning About and With Technology Through a Voluntary Teacher Learning Community

Hooghart, Anne
Implementation of Curriculum Reform in Japan: Teacher Professional Development as Intercultural Adaptation

**Engineering**

**Chemical Engineering**

Miloaga, Dana
Applications of Ionic Liquids to Biocomposites

**Human Ecology**

**Family & Child Ecology**

Hughes, Hester
Ecological Changes in Ethnic Minority Families
Geological Sciences
Arpa, Maria Carmencita
Petrological and Chemical Characterization to Constrain the Volcanic Source of Pyroclastic Deposits Found in Manila and Adjacent Provinces, Philippines

Mathematics
Feng, Peng
Pattern Formation in Bacterial Colony

Luo, Xiaoyue
Local Regularization Methods for Ill-Posed Inverse Problems

Plant Biology
Sobel, James
none yet

Zoology
Cummings, Jennifer
The Effects of Differential Licking and Grooming Exhibited by the Rat Dam on the Sexual Behavior of Male and Female Offspring

Martin, Mary
Zooplankton in an Atlantic Coastal Estuary: Effects of Human-Induced Eutrophication and Natural Disasters on Community Structure and Abundance

McGovern, Casey
Self-paced or Non-paced Copulation and Fos Expression in the Reward Pathways of Male and Female Rats

McGovern, Casey

Theis, Kevin
Function of Scent-Marking in the Spotted Hyena, Crocuta crocuta

VanHorn, Russell
Relatedness Levels Among Spotted Hyenas (Crocuta Crocuta)
**Anthropology**

Budiani, Debra
*Quests for Refuge, Quests for Therapy: Illness, Body, and Displacement of Sudanese and Somalis in Urban Egypt*

Kim, Tae-Sun
*White and Asian Identity Fromations Among Korean Adoptees*

Sadequee, Sharmin
*The Migrant Bangladeshi Community in Sylhet and Dhaka*

**Political Science**

Kim, Doo-Rae
*Inter-Principal Interactions and Bureaucratic Autonomy in the U.S. Regulatory Policy Process*

**Psychology**

Kalogiros, Ioanna
*Factors Associated with Overweight Adolescents' Psychological Functioning: Revisiting Family Functioning and Weighing in on Age of Onset of Weight Problems*

**Social Work**

Causey, Linda

**Sociology**

Spurlock, Charles
*An Exploratory Study of International Migration and Social Factors Affecting the Settlement and Adaptation of Immigrants in the Detroit Region*