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 Economics**

Fenichel, Eli  
Calgary, Alberta, Canada  
The Effects of Sexual Dimorphism on Wildlife Disease Management Economics

Nizalov, Denys  
Seattle, WA  
Regional Poverty in Michigan: Rural and Urban Difference

**Animal Science**

Chan, Pooi-See  
Chicago, IL  
1) Glucosamine and Chondroitin Sulfate Regulate Inflammatory Mediators  
2) Glucosamine and Chondroitin Sulfate Regulate IL-1 Induced Gene Expression

Etchebarne, Brett  
Copenhagen, Denmark  
Design of a Bovine Metabolism Oligonucleotide Gene Array

**CARRS**

Izumi, Betty  
Portland, OR  
Results from the 2004 Michigan Food Service Directors Farm-to-School Survey
Crop & Soil Sciences
Dietz, Timothy
Oxford, England
Optimisation of Nutrient Cycling and Soil Quality for Sustainable Grasslands

Guo, Xiaomei
Seattle, WA
Genetic Mapping of Genes Underlying Partial Resistance to Sclerotina Stem Rot in Soybean PI391589B

Mensah, Clarice
Seattle, WA
Screening Early Maturing Soybean Germplasm for Resistance to the Soybean Aphid

Oraby, Hesham
Baltimore, MD
Production of Acidothermus Cellulolyticus Endoglucanase (E1) Enzyme in Transgenic Rice

English
Holguin, Ana
Lafayette, LA
Hopelessly Devoted: Life, Lust & Love in the History of Miss Betsy Thoughtless

Entomology
Stelinski, Lukasz
Trentino, Italy
Attraction of Four Tortricid Moth Species to High-dosage Pheromone Rope Dispensers: Field and Lab Observations Implicating False-plume Following as an Important Factor in Mating Disruption

Fisheries & Wildlife
Bailey, Lauren
Indianapolis, IN
Brown-headed Cowbird Response to Kirtland's Warbler Habitat Management

Bruggeman, Doug
Charlotte, NC
Conservation Banking at the Landscape-Scale: Use of Multiple Biodiversity Service Flows to Reduce Scientific Uncertainty

Kramer, Andrew
Santiago de Compostela, Spain
Allee Effects Limit Re-establishment of an Alpine Copepod: a Multi-lake Stocking Experiment

Peterson, Markus
Madison, WI
Evaluating Relationships Between Zoonotic Disease Severity, Human Demographic Change, and Public Wildlife Management Preferences

Yaremych, Sarah
University of Neuchatel, Switzerland
Ecology of Emerging Lyme Borreliosis
Food Science & Human Nutrition
Saini, Ritu
Orlando, FL
Protein Composition of Wheat as Related to the Texture of Chinese Raw Noodles

Forestry
Prassinos, Constantinos
Bursa, Turkey
A Molecular Approach to Understand Rootstock Induced Dwarfing in Cherries

Roberts, Lance Jay
Syracuse, NY
Forest Inventories from Satellite Imagery with the K-Nearest Neighbor Estimator

Xiang, Qing
Harbin, China
Modeling Land/Cover Change and its Driving Forces Along the Jinsha River of China

Horticulture
Blanchard, Matthew
Lillehammer, Norway
Effects of Daily Light Integral on Growth and Flowering of Potted Phalaenopsis Orchids

Kakkanandanvareed, Shaiju
Phoenix, AZ
Bioactive Constituents from Cornus Kousa

Padhye, Sonali
Lillehammer, Norway
Short Days and Vernalization are Effective for Flower Induction of the Long-day Plant (Coreopsis grandiflora 'Sunray"

Xu, Yufei
Austin, TX
Boron Fertilization and Sour Cherry (Prunus Cerasus) Fruit Quality
Packaging
Aithani, Dinesh
Campinas, Brazil
A New Technique for Heat Sealing Measurement

De La Fuente, Javier
London, UK
Applying Universal Design to Child Resistant Packaging

De La Fuente, Claudio
Campinas, Sao Paulo, Brazil
Universal Design Methodology for the Development of Child Resistant Drug Packages

Tanprasert, Krittika
Sao Paulo, Brazil and New Orleans, LA
1) Impact of Packaging on International RFID Operation
2) The Impact of Packaged Food Products on Operation of Radio Frequency Identification (RFID)

Yuzay, Isinay
Campinas, Brazil
Development of an Electronic Nose Method for Evaluation of Residual Solvents in Low Density Polyethylene

Park, Recreation & Tourism Resources
Kendell, Lamar
Newcastle upon Tyne, UK
Horse Powered Traction and Tillage: Some Options and Costs for Sustainable Agriculture with International Applications
American Studies
Chase, Christopher
Tallahassee, FL
Compassionate Islam, Oedipal Hinduism: Myth, Gender, and the Universal Turn in Upadhyay and Khalifeh

Chism, Monique
Salt Lake City, UT
Hear Our Voices: A Case Study of Mixed-Income Living in Chicago

O'Connor, Julie
Fayetteville, NC
Poetic Assurance: Narrative Alterations of Chicana Spiritual Identity in Pat Mora’s Poetry

Yurita, Makito
Hangzhou, China
1) Construction, Recognition and Legitimating of "Liberal" Knowledge
2) Ahistoricity of Liberal Identity and Its Violence to Culture and Community

Arts & Letters - Dean
Phillips, Mary
New Orleans, LA
Black, Radical, and yet Female: Gender and Sexism within the Black Panther Party

Sistrunk, Walter
Honolulu, HI
Relativization in "US" African American English: Morphosyntactic Variance in Relative Pronoun Usage in Relative Clause Constructions

Wirtz, Jason
Indianapolis, IN
Doctoral Degrees in English/Education: What Do They Look Like?
**English**

**Barbier, Stuart**  
Indianapolis, IN  
*Research on Composition, 19884-2003*

**Bartley, Aryn**  
Northridge, CA and Lafayette, LA  
1) *Illuminating the Myth of Mythmaking: Gertrude Stein's Doctor Faustus Lights the Lights* and *Caryl Churchill's The Striker*  
2) *Thwarted Seductions: Mystery and the Body in The History of Miss Betsy Thoughtless*

**Caulker, Tcho**  
Tampa, FL and Las Vegas, NV  
1) *The Great Paradox of European Enlightenment in West Africa*  
2) *The Sierra Leone Company and Education in West Africa*

**Comer, Todd**  
San Diego, CA  
*Playing at Birth: Samuel R. Delany's Dhalgren*

**Deb, Basuli**  
West Bengal, India  
*Women and Militancy: Narratives from India, Guatemala, and South Africa*

**Deb, Basuli**  
Boulder, CO  
*The Third World Female Figure Within Human Rights Laws and Politics: Phoolan Devi the Bandit Queen of India*

**Ford, Peter**  
Zaragoza, Spain  
*Invoking a Cosmopolitan Modernity: De Quincey, Baudelaire, Benjamin, and a Purely Romantic Space of Addiction*

**Gibbons, Sarah**  
Albuquerque, NM  
*Hearts and Bones: the Dialogic Nature of Reality in Patricia A. McKillip's In the Forests of Serre*

**Holcomb, Brian**  
Vancouver, British Columbia, Canada  
*The Case for Wodehouse: Modernism and Comedy*

**Holguin, Ana**  
Victoria, BC  
*Mi Café Es Su Café: Insanity's Split Personality in the Silver Cloud Café*

**Kowino, Hilary**  
New Orleans, LA  
*Crisis of Power and Epistemology in Achebe's Arrow of God*

**Makalela, Leketi**  
Honolulu, HA  
*Language Harmonization in South Africa: Issues in Language Planning and Sustainable Development*
Mason, Lauren
Victoria, BC
Memory & Marginality: (Re) Theorizing Imagination, Experience, and Displaced Bodies from the other (ed) Position

Mazak, Catherine
San Juan, Puerto Rico
1) Appropriation and Resistance in the English Literacy Practices of Puerto Rican Farmers
2) Language Policy and a Life: The Story of a Puerto Rican English Teacher

Shaw, Eric
Honolulu, HI
Give me Continence and Chastity - But Not Yet: Purpose and Process in Augustine's Confessions

Veenstra, Michelle
Vancouver, Canada
Narrative Lessons We Can Learn from Gertrude Stein

Wright, Greg
St. Louis, MO and Roanoke, VA
1) Monkey See Monkey do, Monkey Evolve, Monkey Write Abstract
2) Tugging on Superman's Cape

French, Classics and Italian
Foss, Julie
Toronto, Canada
Un Employe Sur Deux est une Femme: The Feminization of Professional Titles in Quebec and France
**Linguistics & Germanic, Slavic, Asian & African Languages**

**Agafonova, Irina**
Berlin, Germany
*Interpretation of Bare Noun Phrases in Child Russian and English*

**Chang, Hsiang-Hua**
Manoa, HA
*Strong and Weak Quantifiers in There be - Existentials in Child English*

**Fan, Ye**
University Park, PA
*Modifications of English Complex Codas by Mandarin Speakers -- An Optimality Theory and P-map Account*

**Kwon, Bo-Young**
Vancouver, BC
*Second Language Acquisition of Consonant Clusters: the P-map Account*

**Kwon, Bo-Young**
Raleigh, NC
*Acquisition of English Consonant Clusters by Korean Speakers: The Patterns of Vowel Insertion and Consonant Deletion in IL Phonology*

**Miller, Karen**
Berlin, Germany
1) *Acquiring Plural Morphology When the Input Does Not Reflect the Adult Grammar*

2) *Implicatures and the Acquisition of Spanish ser and estar*

**Thompson, Amy**
San Antonio, TX
*Communicative Language Teaching Through Movement*
Music

Bergeron, Andrew
Cleveland, OH
History of Tango: A Lecture Recital and Demonstration on the Argentine Tango

Britsch, Lisa
Reno, NV
Exploring the Relationships Between Professional Performance and String Music Teaching

Buettner, Jeff
Alcala de Henares, Spain
Gypsy Vocal Music of Ukraine

Cilliers, Marianne
Berlin, Germany
Auditioning with the Berlin Philharmonic Orchestra

Conti, Michael
Los Angeles, CA
Insights and Inspirations

Eshelman, Kent
Pordenone, Italy
Performing the tuba for an international panel of judges

Flegg, Mark
Bangkok, Thailand
To perform with a small trumpet ensemble.

Gross, Murray
Cincinnati, OH
Performed "Bailey's Book of Proverbs"

Jaffurs, Sheri
Madison, WI
The Inspection of Informal and Formal Learning Practices

Kalnin, Igor
Fermo, Italy
Performing in a violin competition.

Kruse, Nathan
Hamburg, Germany
Responds to paper presented: Gunther Schuller's Approach to Crafting a Philosophy of Conduction. Implications for the Instrumental Music Classroom

Maret, Carmen
Cleveland, OH
History of Tango: A Lecture Recital and Demonstration on the Argentine Tango

McCullough, Bryan
Bangkok, Thailand
Performing at the conference with Michigan State University Trumpet Ensemble
Meyer, Dirk  
Detroit, MI  
Podium time with the Detroit Civic Orchestra

Meyer, Dirk  
New York, NY  
Participating in an international competition for orchestral conductors.

Miles, Benjamin  
Normal, IL  
Perform the tuba as a guest artist.

Nenova, Dessislava  
Stanford, CA  
Performing at the cello.

Pidkivka, Andrei  
Laramie, WY  
Performing the flute at a recital at the University of Wyoming.

Pochatko, Amanda  
Boise, ID  
Performing two works by Benjamin Britten.

Pollard, Christine  
Hamburg, Germany  
Philosophy of Music Education Review

Ramette-Schneider, Diana  
Austin, TX  
Improvisation Musicpsychotherapy: Drawing on Procedures from Priestley's Analytical Music Therapy

Richardson, Sheryl  
Seattle, WA  
Music as Language: Sightplaying Through Access to a Complete Musical Vocabulary

Rojas, Luis Miguel  
San Juan, Puerto Rico  
Auditioning for the Principal Cello position of the Puerto Rico Symphony Orchestra.

Shiganyan, Tigran  
Tashkent, Uzbekistan  
Performing the J. Sibelius and W.A. Mozart Violin Concertos with the Uzbekistan National Symphony Orchestra.

Stark, Jody  
Austin, TX  
Improvisation Musicpsychotherapy: Drawing on Procedures from Priestley's Analytical Music Therapy

Stark, Jody  
Queensland, Australia  
Improvisation Musicpsychotherapy: Drawing on the Basic Tenets of Analytical Music Therapy

Sun, Fangye  
Houston, TX  
Performing the violin.
Uzur, Viktor
Aurora, MN
Chamber music performances with faculty that took part in the festival.

Waldron, Janice
Madison, WI
Music and Lifelong Learning Symposium

Waldron, Janice
Hamburg, Germany
Gunther Schuller's Approach to Crafting a Philosophy of Conducting

White, Jeffrey
Landemusikakademie Rheinland-Pfalz, Germany
Performed at public concerts.

Young, James
Bangkok, Thailand
Performing with the trumpet ensemble.

**Philosophy**

Boyle, Noel
Leeds, UK
What Does it Mean to Teach Plato Dialogically?

Charles, Sonya
Seattle, WA
The Problem of Self-Expression: Reflections on Ontology and Method

Colemon, Kobie
Honolulu, HA
Virtue Ethics & Race Theory: A Black Liberation Ethic

DeCoster, Barry
Seattle, WA
Why am I Sick?: Towards a Feminist Theory of Medical Explanations

Engelstein, Lisa
Sydney, Australia
Five Cultural Stereotypes that Distinguish Surrogacy from other Reproductive Freedoms

Pierce, Andrew
Chicago, IL
Multiculturalism and Epistemologies of Ignorance

Zillmer, John
Baton Rouge, LA
From the Hypertraditional to the Foolhardy: A Critique of Williams
**Rhetoric & Writing**

Bodhran, Ahimsa
New York, NY
*Owi: Gender and Sexual Shifts in the Nationalist Agenda of Haunani-Kay Trask Over the Past Twenty-Five Years*

Eyman, Douglas
Palo Alto, CA
*Beyond CIWIC: Possibilities and Pedagogical Inventions One Year Later*

**Romance & Classical Languages**

Azevedo, Clara
Lexington, KY
*Maternidad en "El beso de la mujer arana" de Manuel Puig*

Boyogueno, Simplice
Lexington, KY and Grand Rapids, MI
1) *La Pervivencia de Viejos Fantasmas o el Proyecto de lo Imposible: el Multiculturalismo Fracasado en Traficantes de Belleza*

2) *Contextual Skepticism and the Idea of Voyage in Schwarz-Bart's Ti Jean L'Horizon. A View of Two Intertwined Discourses*

Boyogueno, Simplice
San Juan, Puerto Rico
*La Pervivencia de Viejos Fantasmas o el Proyecto de lo Imposible: el Multiculturalismo Fracasado en Traficantes de Belleza*

Hartson, Mary
Lexington, KY
*Fluid Identities: Some Observations Written on Water in Sin Dejar Huella and Y Tu Mama Tambien*

He, Yan
Austin, TX
*Manuel Vazquez Montalban y el Nuevo Periodismo*

Kofman-Razi, Patricia
Lexington, KY
*Escaping the Margin through Prostitution: The Female Body as Weapon in Blance Sol's Personal Revolution*

Martinez-Fernandez, Adriana
Chapel Hill, NC
*Poder y Periferia: Reflexiones Sobre las Portagonistas Femeninas de Arrancame la Vida y Eccentric Neighborhoods*

Orr, Brianne
Louisville, KY
*La Curiosidad Mato al Gato: Un Analisis de lo "Abyecto" en El Beso de la Mujer Arana de Manuel Puig*

Pettway, Matthew
Santo Domingo, Dominican Republic
*La Autobiografia de Juan Francisco Manzano: y la Articulacion de la voz del otro*

Ruiz-Rubio, Natalia
Chapel Hill, NC
*Interrogatorios en las Carceles Salvadoreñas: negociacion y Representacion Femeninas en los Margenes de la Revolucion*
Arts & Sciences

Advertising
Chang, Susan
Chicago, IL
Media Literacy: Adolescent Alcohol and Drug Abuse

Audiology & Speech Sciences
Ogiela, Diane
Philadelphia, PA
Investigation of the Aspect First Hypothesis in Children with Specific Language Impairment

CEPSE
Ngudratoko, Sungworn
Tilburg, Netherlands
The Application of Multilevel Structural Equation Modeling to Investigate Students and Classrooms’ Effect on Mathematics Achievement

Pritchett, Tiffany
Bloomington, IN
What Does GPA in an Urban High School Actually Mean?

Journalism
Love, Brad
Zurich, Switzerland
Developing a Web Site to Educate Low Literate Individuals About Diabetes

Teacher Education
Backman, Stephen
Johannesburg, South Africa
Language Practice in South African Classrooms

Telecommunication
Kim, Young Hoon
Big Island, HA
A Study of Online Transaction Self-efficacy, Consumer Trust, and Uncertainty Reduction in Electronic Commerce Transaction

Lange, Ryan
New York, NY
Is Digitized Music Becoming a Quasi-Public Good?

Lee, Doohwang
Toronto, Canada and New Orleans, LA
1) Keeping Our Network Safe: A Model of Online Safety Behavior

2) An Empirical Test of Knowledge Gap: Modeling SES and Media Use

3) Audience Discourse on Marital Discord in a Docudrama in Korea: An Analysis of Bulletin Board System Messages

Menon, Siddhartha
New York, NY
Dyadic Communication in the Diffusion of International Development Related Information and Empowerment in Communication Campaigns
Finance & Insurance
Zhu, Yun
Norfolk, VA
Is IPO Underpricing Related to Litigation Risk?

Management
Arrefelt, Mathias
Ohau, HI
A More Dynamic View of CEO Pay: The In-the Money Effect and Opportunity Cost of Stock Options

Johnson, Bernadine
Orlando, FL
Toward a More Comprehensive Model of Post-Acquisition Performance Effects

Marketing & Supply Chain Management
Harmancioglu, Ferdane
Atlanta, GA
Product Innovation in New Product Alliances: When is the Impact of Alliance Composition Higher?

Nyaga, Gilbert
San Antonio, TX
Adopting RFID Technology: does Managers’ Attitude Matter?

Tasoluk, Burcu
Atlanta, GA
From Perceptions to Collaboration: Role of Perceived Trust in HQ-Subsidiary Relations
CEPSE

Ahn, Soyeon
Lisbon, Portugal
Incorporating Quality Scores in a Meta-Analysis: A Simulation Study

Aupperlee, Jana
Washington, DC
The Home-School Relationship: Parent Outcomes and Moderator Variables

Barr, Jennifer
Atlanta, GA
The Role of Trust in Promoting Parent Involvement

Crowl, Alicia
Atlanta, GA
Social and Linguistic Influences on Language Development in a High-Risk African American Sample From 1 Month to 10 Years

Dilly, Laura
Atlanta, GA
1) Daily Stress and Teacher Provided Support: Upper Elementary Students’ Perceptions
2) Supporting Students: An Exploratory Study of Students’ Daily School Experiences

Gunn, Wade
Bloomington, IN
Predictors of White Racial Attitudes and Consciousness

Hall, Darryl
Washington, DC and Kansas City, MS
1) Helping African American High School Students Achieve Against the Odds
2) Critical Theory: An Examination of Brown Versus the Board of Education

Koenig, Nathan
Bloomington, IN
Peer, Family, and Community Influences Upon Critical Consciousness: A Mixed-Model Exploratory Study

Lien, My
Atlanta, GA
Early Identification of Risk Factors Associated with Child Psychopathology

Lontz, Jameson
Washington, DC
The Effects of Media Bias on Defensive Attribution

Patil, Sonia
Washington, DC
Social Support and School Adjustment for Students with Learning Problems

Rodrigues, Eduardo
Chicago, IL
Going Beyond the Formal Curriculum to Enact an American Computer-Based Learning Project at Public Schools in Brazil: Participation, Local Knowledge and Agency
Trahan, Emily
Bloomington, IN
Friend, Family and Community Influences Upon Critical Consciousness: A Mixed-model Exploratory Study

Wabaunsee, Ah-Sha-Ni
Bloomington, IN
Working the Hyphen: Integrating Science and Practice in Counseling Psychology

Wasburn-Moses, Leah
Montreal, CANADA
Special Education Teacher Preparation for Standards-based Reform

Wolbers, Kimberly
Havana, Cuba
Disability, Social Justice, and Education for Lifelong Learning: Accomplishments and Challenges

Yon, Haniza
Tilburg, Netherlands
The Impact of Linking Methodology on MIRT Parameter Recovery in Vertical Scaling

Yon, Haniza
Montreal, Canada
A Multidimensional Linking of a Science Achievement Test

Zhang, Shenglan
Montreal, Canada
Strategy Differences in Locating Information on the Internet Between Skilled and Unskilled readers--A Case Study of Eight Adult Internet Readers

Zhang, Gaoming
Montreal, Canada
Results of an Experiment Evaluating the Use of Video Cases to Help Pre-service Teachers Become Better Teachers of Literacy
Educational Administration

Barnes, Benita
Kansas City, MO
Graduate Student Success: Factors that Lead to Achievement Outcomes

Hodges, Jennifer
Kansas City, MO
Online Academic Culture in Large Undergraduate Courses

Ramalho, Elizabeth
Montreal, Canada
Leadership from an Integrative Perspective in American International Schools

Smith, James
Montreal, Canada
Urban High Priority School Principles: Issues and Challenges of Providing Leadership for the Multi-level School Improvements Process

Unin, Norseha
Havana, Cuba
Education for Lifelong Learning: Accomplishments & Challenges

Wang, Wei-ni
Boston, MA
Fulfilling the Missions of Community Colleges: The Role of Community Education Programs
**Teacher Education**

**Fruja, Ramona**  
Hangzhou, China  
*Cultural Transitions and Transferences Through Higher Education: The Role of American Universities in Europe*

**Hall, Leigh**  
San Antonio, TX  
*Do You Want Me to Explain That? A Seventh Grade Remedial Reader's Experiences in Mathematics*

**Kauer, Suzanne**  
Hangzhou, China  
*Discourses of Liberalism in Globalization and Education: Toward Harmony without Homogenization?*

**Kirkland, David**  
Indianapolis, IN  
*Literacy in the Lives of Urban Adolescent Black Boys*

**Lewis, Gary**  
Toronto, Ontario, Canada  
*Interns' and Novice Teachers' Stresses While Attempting NCTM Standards-Based Teaching*

**Metzger, Scott**  
Hangzhou, China  
*Discourses of Liberalism in Globalization and Education: Towards Harmony Without Homogenization?*

**Roxas, Kevin**  
Havana, Cuba  
*Community Development in Schools: Perceptions of Teachers across National Boundaries*

**Roxas, Kevin**  
Montreal, Canada  
1) *Learning About Diversity Through Service Learning*

2) *"The role of "place" in student Teachers' Reflections During Field Experiences: Does Where Student Teachers Reflect Matter as to What they Reflect on?*

**Suh, Yonghee**  
Montreal, Canada  
*Teacher Knowledge and Beliefs of History and Their Ways of Using the Arts*

**Thi, Han Han**  
Palo Alto, CA  
*Changing Students' Teaching Practice in Myanmar: Quality versus Quantity*

**Wilcox, Kathleen**  
Kansas City, MO  
*Phenomenological Analysis of Students' Gendered Perspectives and Experiences within Middle Schools*
**Chemical Engineering**

Baber, Tylisha  
Monterrey, Mexico  
*Improved Biodiesel by Novel Catalytic Ozone Chemistry*

Do, In-Hwan  
Gyoungju, Republic of Korea  
*Effect of Surfactants, Polyelectrolytes, and Processing Under Electric Field on the Properties of Exfoliated Graphite Nanoplatelete/Epoxy Composites*

Ren, Fei  
Baltimore, MD  
1) *Three-Dimensional Microstructural Study of Porous Hydroxyapatite Using Laser Scanning Confocal Microscopy*  
2) *Characteristics of Cortical and Cancellous Bone, Observed using Laser Scanning Confocal Microscopy*

Srivastava, Shireesh  
Harrison Hot Springs, BC, Canada  
*Application of Metabolic Flux Analysis to Identify the Pathways of Free Fatty Acid Toxicity to Liver Cells*

**Civil and Environmental Engineering**

Ahmed, Kamran  
Washington, D.C.  
*Modeling of Delay Induced by Downstream Traffic*

Haydar, Mazen  
Austin, TX  
*Leachate Recirculation Using Geocomposite Drainage Layer in Engineered MSW Landfills*

Karnik, Bhavana  
Strasbourg, France  
*An Hybrid Ozonation-membrane Filtration Process for Water Treatment*

Stedtfeld, Robert  
Villerubanne, France  
*Design and Validation of Biochip for Pathogen Detection*
Computer Science

Park, Unsang
Victoria, British Columbia, Canada
3D Model-assisted Face Recognition in Video

Patil, Abhishek
Philadelphia, PA
Asset Tracking via Robotic Location Crawling

Xue, Qiang
Miami, FL
The Hybrid Digital Tree: a New Indexing Technique for Large String Databases

Zhang, Nan
Philadelphia, PA
Gradient Sparse Optimization via Competitive Learning

Zhu, Feng
Kauai Island, HI
Expose or Not? A Progressive Exposure Approach for Service Discovery in Pervasive Computing Environments
Electrical and Computer Engineering

Chen, Qian
Los Angeles, CA
Multi-scale Imaging of Cellular and Sub-cellular Structures Using Scanning Probe Recognition Microscopy

Fan, Yuan
Los Angeles, CA
Scanning Probe Recognition Microscopy Investigation of Cell Elastic Properties

Huang, Ke
Philadelphia, PA
Mutual Information Based Subband Selection for Wavelet Packet Based Image Classification

Liu, Xin
Orlando, FL
An Element Free Galerkin Model for Simulating Magneto Optic Imaging

Lu, Zhenwei
Chicago, IL
Monitoring Left Ventricular Contractility from Respiration-Induced Blood Pressure Variability

Ortiz-Rivera, Eduardo
Recife, Brazil
Analytical Model for a Photovoltaic Module Using the Electrical Characteristics Provided by the Manufacturer Data Sheet

Shan, Zeyong
Philadelphia, PA
Image Denoising Based on the Wavelet Co-Occurrence Matrix

Suhail, Yasir
Arlington, VA
Scale-Space Processing and Clustering for efficient Multi-Electrode Data Analysis of Large-size Neuronal Ensemble

Thomson, Kyle
Kobe, Japan
A Scalable Architecture for Streaming Neural Information from Implantable Multichannel Neuroprosthetic Devices

Wu, Tao
Los Angeles, CA
A Self-Reorganizing Slot Allocation Protocol for Multi-cluster Sensor Networks

Zanardelli, Wesley
San Antonio, TX
Failure Prognosis for Permanent Magnet AC Drives Based on Wavelet Analysis
Mechanical Engineering

Iancu, Florin
Anaheim, CA
1) Numerical Simulation of Unsteady Flow Processes in Wave Rotors
2) New Unconventional Wave Rotor Design Concepts

Olson, Brian
Budapest, Hungary
Nonlinear Dynamics of Longitudinal Vehicle Traction

Rundell, Steve
Washington, DC
1) Tissue Equilibration Alters the Response of Cartilage Explants to Unconfined Compression
2) Glucosamine Supplementation can Help Limit Matrix Damage and Adjacent Cell Death in Traumatized Explants
Epidemiology
Gargano, Julia
New Orleans, LA
1) Stroke Specific Quality of Life Scores Correlate Highly with Functional Status

1) Stroke Specific Quality of Life in Subjects from a Hospital-based Stroke Registry

Hong, Ting
Toronto, Canada
Which is a Better Predictor of Outcomes in Prematures: Oxygen Dependence at 28 Days or at 36 Postmenstrual Weeks?

Family & Child Ecology
Silverthorn, Brandon
Atlanta, GA
Ecological and Systemic Factors and the Marriage and Family Therapy Career Choice

Food Science & Human Nutrition
Birmingham, Neil
San Diego, CA
Hazelnut Allergy: Evidence that Hazelnut Can Directly Elicit Specific IgE Antibody Response via Activating Type-2 Cytokines in Mice

Lee, Seung-Yeon
Washington, DC
Attitudes of Dietetics/Nutritional Science Students Toward Working with Older Adults as a Health Pre-professional

Rondini, Elizabeth
San Diego, CA
Microarray Analyses of Genes Differentially Expressed by Diet (black beans and soy flour) During AOM-induced Colon Carcinogenesis in Rats

Human Environment & Design
Finnegan, Carol
Quebec City, Quebec, Canada
Multi-Level Agency Issues in International Franchising

Hiller Connell, Kim
Manoa, HI
Perceptions and Indicators of Sustainability: A Case Study of a Canadian Handicraft Cooperative

Hurst, Jessica
Portland, OR
Retail Service Satisfaction in Tourism Communities: A Comparative Analysis in Rural Iowa
**Biochemistry & Molecular Biology**

Gridasova, Anastasia  
Cold Spring Harbor, NY  
*Positive and Negative Roles of the Cockayne Syndrome Group B Protein in Regulation of RNA Polymerase III Transcription*

**Epidemiology**

Larder, Cristin  
Toronto, Ontario  
*Body Mass Index and Lung Function in Schoolchildren: a Longitudinal Assessment*

Sadeghnejad, Alireza  
Boston, MA  
*Elevated Cord Serum Immunoglobulin E Increases the Risk of Allergic Sensitisation at Age 4 and 10 and Asthma at Age 10*

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**Ni, Wei**
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* (+)-Norfenfluramine-induced Arterial Contraction is not Dependent on 5-HT Release: Use of Tryptophan Hydroxylase (TPH) 1 Deficient Mice*

**Thakali, Keshari**
Chicago, IL

*Reduced Aortic but not Venous Contraction to Big Endothelin-1 (ET-1) in Deoxycorticosterone Acetate (DOCA)-salt Hypertension: the Role of Endothelin Converting Enzyme (ECE)*

**Veterinary Medicine - Dean**

**Sirivelu, Madhu**
San Diego, CA

*Particulate Matter Exposure Causes Neurochemical Alterations in the Brain in Rats*
# 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!

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Bravo, Phillip
Detroit Jazz City: An Ethnographic Study of the Detroit Area Jazz Culture

Britsch, Lisa
Studio Teacher's Survey on Performance-related Injuries

Cilliers, Marianne
Performing in concerts and recitals with the faculty.

Crane, Andrew
Dissertation Research at Library of Congress

Gross, Murray
Performing and participating in numerous seminars and workshops.

Howarth, Gifford
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Kruse, Nathan
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Pollard, Christine
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Talley, Kristy
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