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**

Chaudhuri, Malika  
Bar Harbor, MA  
Optimal Lot Size for Municipal Revenue Maximization: A Hedonic Analysis Using Multiple Listing Data from Two Michigan Communities

Kumarappan, Subbu  
Vancouver, Canada  
Emissions Trading Opportunities for Ethanol and Biodiesel Producers: The US Case

Mathenge, Mary  
Oxford, UK  
Off-farm Work and Farm Production Decisions: Evidence from Maize-Producing Households in Rural Kenya

**Animal Science**

Tabet, Raquel  
Keystone, CO  
Body Composition of Three-Month-Old Female White-Tailed Deer

**Bio Ag Eng**

Mishra, Dharmandra  
Boston, MA  
Use of COMSOL to Estimate the Thermal Properties and Kinetic Parameters for the Degradation of Anthocyanins in Grape Pomace
**CARRS**

Park, Sung Hee  
Dublin, Ireland  
1) Motivational Factors Influencing Purchase Intention: An Exploratory Study of Boat Shows  
2) United States College Students' Travel Behaviors and Perceptions: A Case of the United Kingdom as a Travel Destination  

Wu, Heng-Chieh  
Seattle, WA and Hangzhou, China  
1) Confucianism: A friend or an Enemy to Leisure? A Study of Confucian's Perspective of Leisure and its Implications  
2) A Dialogue Between Aristotle and Confucian

**Crop & Soil Sciences**

Al-Ghumaiz, Nasser  
Indianapolis, IN  
Animal Grazing Preferences and Forage Quality of Cool Season Grasses and Legumes Growing as Monoculture and Binary Mixtures Under Rotational Grazing  

Gallaher, Courtney  
Indianapolis, IN  
Phosphorus Availability in Annual and Perennial Cereal Legume Systems

**Ransom, Callista**  
Indianapolis, IN  
1) Efficient Production of Microbial Cellulase Within Recombinant Maize Biomass Converts AFEX-Pretreated Corn Stover into Fermentable Sugars for Alcohol Fuels  
2) Production of Biologically-Active endo-1, 4-B-glucanase (E1) Enzyme in Transgenic Rice Plants for Alcohol Fuels and Cleaner Environment

Subrahmanan, Senthilkumar  
Indianapolis, IN  
Are Poplar Plantations a Better Alternative to No-till Management in Carbon Sequestration for Michigan Producers?

**Entomology**

Bray, Alicia  
San Diego, CA  
Using Molecular Technology in the Emerald Ash Borer Program: Benefits and Challenges  

Shi, Yuhui  
Charlotte, NC  
Docosahexaenoic Acid Consumption Supresses Multiple CRED Phosphorylation Pathways in Marine Peritoneal Macrophages
Fisheries & Wildlife

Ball, Elizabeth
Tucson, AZ
Quantifying Hunter-Inducted Selection on Antlered White-tailed Deer (Odocoileus virginianus)

Linden, Daniel
Anchorage, AK
Temporal Changes in Habitat Potential for Canada Lynx in the Upper Peninsula of Michigan

Food Science & Human Nutrition

Ma, Kar Lim Mitzi
San Francisco, CA
Nutraceutical Content of Maltodextrin Spray Dried with Blueberry Byproducts

Nyombaire, George
San Francisco, CA
1) Effect of Soaking and Cooking on the Reduction of Oligosaccharides and Lectins in a Red Kidney Bean (Phaseolus Vulgaris L.) Snack Product

2) The Use of a Very Low Cost Extruder on the Inactivation of Phytohemagglutinin Activity in Red Kidney Beans (Phaseolus Vulgaris L.)

Plasencia, Julie
San Francisco, CA
Relation of Acculturation of Glycemic Control and Self-management of Diabetes in Hispanic Adults

Forestry

LeDuc, Stephen
Memphis, TN
Amino Acid-and Mineral N Availability Along a Chronosequence of Michigan Jack Pine Stands
Packaging

Gaur, Pankaj
Tokyo, Japan
1) Measurement, Analysis and Comparison of the Express and Priority Parcel Shipping Environment of USPS with Commercial Carriers
2) Renewable Resource Based Green Composites from Corn and Polylactides (PLA)

Kathuria, Ajay
Tokyo, Japan
Biodegradable Nanocomposites from Poly (butylene succinate-co-adipate) and Organically Modified Layered Silicates

Kijchavengrul, Thitisilp
Tokyo, Japan
Measurement of PolyLacticde Bottles Compostability Using a Computerized Respirometric System

Kijchavenguol, Thitisilp
Orlando, FL
Assessment of Biodegradable Mulch Films in Tomato Plots

Kositruangchai, Napawan
Tokyo, Japan
The Effects of Foaming Temperature and Time on Mechanical Properties, Density, Average Cell Size, Cell Density, and Morphology of Biomax Microcellular Foam

Madival, Santosh
Tokyo, Japan
Packaging Sustainability-Life Cycle Assessment on OPLA, PET and OPS Containers

Nordin, Norbismi
Tokyo, Japan
The Effect of Electron Beam Cured Coatings on Polymer Substrates

Singh, Abhishek
Chicago, IL
Resource Utilization of Corn Plant

Yuzay, Isinay
Orlando, FL and Chicago, IL
1) Development of Biodegradable Polyactide/Nanoporous Zeolite Composites
2) Fabrication and Characterization of Polylactide-zeolite Composite Films
**American Studies**

**Bartkowiak, Mathew**  
Dallas, TX  
*Student is chair for the conference*

**Edney, Kathryn**  
Boston, MA  
*Reclaiming the Jewish Stage: The Producers (2001) Rewrites History*

**Lindblad, Julie**  
Tarragona, Spain  
*E-Meters and Cosmo Cleaners: Spiritual Technologies and the Pursuit of Utopia*

**Takebayaski, Shuichi**  
Minneapolis, MN  
*Tradition and Consumption: The Folk Music Revival in Greenwich Village*
Arts & Letters - Dean

Ahn, Seongmee
Costa Mesa, CA
Using Innovative Multimedia Modules for Learning Language and Culture in Context: A Perception Study of MIMEA

Chen, Xiaoqing
Seattle, WA
Investigating the Incremental Acquisition of Word Knowledge by EFL Learners

Chike, Kefentse
San Diego, CA
Still by the Door in the Era of Hegemony: A Graduate Student's Comparative Graduate School Experiences

Chiu, Chien-Hsiung
Costa Mesa, CA
Veridicality, Reactivity, and Language Choice in L2 Writing Think Aloud Protocols

Fei, Fei
Seattle, WA
Processing Corpus-derived Multi-units Sequences by EFL Learners

Hsieh, Ching-Ni
Costa Mesa, CA
Learners' Self-appraisal L2 Motivational Changes over Time

Jeffries, Bayyinah
Charlotte, NC
Sistas and the City: Black Women's Urban Literature and Culture

Lee, Junkyu
Costa Mesa, CA
L2 Explicit Knowledge, Combinatorility, and Conceptual Distances Between L2 Users and NSs

Lee, Junkyu
Seattle, WA
Conceptual Transfer and the Architecture of the L2 Lexicon

Lee, Junkyu
Antalya, Turkey
Inhibition and Working Memory Capacity in a Second Language

Li, Shaofeng
Seattle, WA
Implicit and Explicit Feedback: Does Their Efficacy Relate to Proficiency?

Okuno, Tomoko
Costa Mesa, CA
Second Language Vowel Perception: the Effect of Facial Cues, Phonetic Environment, and Interlanguage Vowel Length

Robinson, Jeffery
San Diego, CA
Detroit Does Mind Dying: Interest Convergence and Detroit Public Schools

Roots, Robin
Antalya, Turkey
Inhibition and Working Memory Capacity in a Second Language
Roots, Robin  
Seattle, WA  
Proficiency Affects Processing and Recall in L2 Working Memory Measurement

Russell, Marthe  
Seattle, WA  
Individual Differences and Idioms: L2 Spanish Learners' Reading Comprehension Strategies

Russell, Marthe  
Costa Mesa, CA  
Individual Differences in L2 Spanish Lexical Input Processing in Incidental and Intentional Learning Conditions

English

Nicholson, Gregory  
Charlotte, NC  
The Accidental Detective as Systems Agent in Postmodern Detective Fiction

Norman, Lance  
Chicago, IL  
From Ibsen to Kane: Baby Steps Toward a Modern Theory of Dramatic Dismemberment

Wilson, Christine  
Philadelphia, PA  
Delinquent Housekeeping: Transforming the Regulations of Keeping House

Zuidama, Leah  
Nashville, TN  
How Many Cups of Coffee Does It Take to be the Compleat Teacher?

French, Classics and Italian

Brunetaux, Audrey  
Minneapolis, MN  
Two Visionary Women: Debunking French Post-War Myths through Literature

Gaeta, Jill  
South Padre Island, TX  
Confronting Cultural Hegemony: Reading Conde’s La planete Orbis as a Postcolonial Alternative

Kent, Teresa  
Halifax, Nova Scotia  
It's Not Just for Kids, Silly Rabbit; Verlan and Bonlieu Language
**Linguistics & Germanic, Slavic, Asian & African Languages**

**Agafonova, Irina**  
Bilbao, Spain  
*On Restrictions in Across the Board and Parasitic Domains: Evidence from Russian*

**Eremina, Olga**  
Philadelphia, PA  
*Reflexive Verbs in Russian: Dative Subject Reflexives*

**Hillman, Sara**  
Madison, WI  
*Reaching Professional Levels of Proficiency in Arabic as a Foreign Language*

**Hillman, Sara**  
Costa Mesa, CA  
*Using Innovative Multimedia Modules for Learning Language and Culture in Context: A Perception Study of MIMEA*

**Johnson, Steve**  
Columbus, OH  
*If Your 'heppy' and You Know It, Fron Your /ae/ at New Ways of Analyzing Variation*

**Mickeleit, Jeannine**  
Nashville, TX  
*Bringing German into the Community: Involving your Students in Outreach*

**Naumann, Stephen**  
Big Rapids, MI  
*The Term Deutsch: Historical Background, Translations, Perspectives*

**Naumann, Stephen**  
Madison, WI  
*Various Translations of the Word "deutsch" Across Several European Languages*

**Ocumpaugh, Jaclyn**  
Columbus, OH  
*Settling-Out in Berrien County, MI: An Emerging Regional Variety of Chicano English*

**Ocumpaugh, Jaclyn**  
Anaheim, CA  
*Shefters do et Butter: Ethnic Minority Perceptions of the Northern Cities Shift*

**Park, Junsuk**  
British Columbia, Canada  
*Ongoing Phonological Changes in Korean*

**Schuetze, Steffi**  
Colorado Springs, CO  
*Christa Wolf's Medea - A Utopian Figure Who Knows What To Do*

**Shih, Li-jen**  
Toronto, Canada  
*Sluicing and the Base-generation Positions of Wh-phrases in Mandarin*

**Takashima, Masaaki**  
Fresno, CA  
*Derivation of Two V Coordination and Its Theoretical Implication*
Takashima, Masaaki  
Quebec, Montreal, Canada  
*Semantical Multiple Coordination in Japanese*

Zhang, Xiaofei  
Toronto, Canada  
*Associative Plurals are not Exceptional*

**Music**

Draves, Tami  
Grand Rapids, MI  
1) *Solving the Rubrics Cube and Speaking from Experience: A Cooperating Teacher*  
2) *University Supervisor Offer Perspectives and Strategies for Student Teaching*

Ferrante, Paloma  
Corpus Christi, TX  
*Performing the chello*

Kalnin, Igor  
Genoa, Italy  
*Competing in Violin Competition*

Kim, Misung  
Los Angeles, CA  
*Piano Performance*

Koops, Jed  
Azusa, CA  
*Performing Sabar Moves*

Maurtua, Jose-Luis  
Trujillo, Peru  
*Conduct a concert with the Trujillo Symphony Orchestra*

Mills, Melissa  
St John's, Canada  
*Dynamic Rehearsals: The Effect of Peer and Student-Conductor Interactions in a Community Children's Choir*

Mills, Melissa  
Tucson, AZ  
*Student Perceptions of Participation in a Community Children's Choir*

Oare, Steven  
Tuscon, AZ  
*The Chelsea House Orchestra: A Case Study of a Non-Traditional School Instrumental Ensemble*

Park, Ji Hyeon  
Los Angeles, CA  
*Piano Performance*

Teichmer, Shawn  
Dinant, Belgium  
*Performing at Sax Competition*
Rhetoric & Writing

Bernhardt, Grace
Nashville, TN and New York City, NY
Rationalizing, Supporting, and Assessing Digital Literacies in the Composition Classroom

Knight, Aimee
Washington, DC
Using SoTL to Promote Aesthetic Literacy in a General Education Humanities Course

Leon, Kendall
New York, NY
We'll Creck No Nuts Until We've Cracked Seligmann: Emma Tenayuca, the 1938 Pecan Shellers' Strike and the Discursive Moment

Rodesiler, Carrie
New York City, NY
Inventing Scholarly Identity: Rhetorical, Imaginative, and Personal Gestures

Vaginetti, Cynthia
Little Rock, AR
Voices from the Field

Walls, Douglas
Boston, MA
Rhetoric of the Daleks

Webb, Suzanne
Baltimore, MD and Boston, MA
Where's Roger Waters' Pulitzer Prize?

Whittemore, Stewart
New York, NY
Visualizing Writing Processes: Writing as Coordination of Culture and Technology

Wirtz, Jason
New York City, NY
Inventing Scholarly Identity: Rhetorical, Imaginative, and Personal Gestures

Span Port

Alvarez-Sancho, Isabel
Cincinnati, OH
La familia de Pascual Duarte y El misterio de la cripta embrujada

Azevedo, Clara
London, Ontario, Canada
Word Class Distinctions in Second Language Acquisition

Diaz, Beatriz
Cincinnati, OH
Galindez: La etica de la resistencia en la ficcion historica y la construccion de la memoria

Moreno, Zenaida
Cincinnati, OH
Disciplina, resistencia y agencia en La voz dormida

Warner, Eric
Gainesville, FL
Desterritorializacion y burla en Santa Maria del Circo de David Toscana
Theatre
Roth, Daniel
Minneapolis, MN
Comedy Kills Opera

Business

Accounting
Phillips, Brandis
San Antonio, TX
Factors Influencing the Usage of Information & Communication

Management
Johnson Dykes, Bernadine
Vienna, Austria
Does Firm Rivalry Reinforce or Counteract Electoral Rivalry Effects on Emerging-Market Risk Assessment?

Marketing & Supply Chain Management
Cavusgil, Erin
San Diego, CA
An Integrated Model of Consumer Innovation Adoption

Chung, Wenming
San Antonio, TX
Quantity Flexibility Contracts in Multi-supplier and Single-buyer Supply Chains

Durmusoglu, Serdar
San Diego, CA
1) Diffusion of Multiple Generations of a Innovation in Segmented and Non-Segmented Markets: An Agent-Based Model of the Semiconductor Industry

2) Exploring the Role of Managers' Dispositions in New Product Portfolio Management
**Advertising**

**Manjeshwar, Sonia**  
Orlando, FL  
*Private Label and International Retailing Strategy*

**Communication**

**Shulman, Hillary**  
Antonio, TX  
1) Perceived Similarity, Locus of Control, and Optimistic Bias Among People Living with HIV/AIDS  

2) *Can we Quantify Success?: A Multi-level Approach to Assessment Analysis in Communication Centers*

**Educational Administration**

**Allen, Angela**  
Atlanta, GA  
*The Community Impact of Community-University Engagement*

**Journalism**

**Carpenter, Serena**  
Chicago, IL  
1) *Framing, Sourcing and Story Topics Beyond the Iraq Invasion: How Elite and Non-elite Newspapers Portrayed Gulf War II*

2) *Network and Cable Television Coverage of the 2004 Presidential Election and the Influence of Imbalance on Candidate Poll Support*

**Telecommunication**

**Buis, Lorraine**  
San Antonio, TX  
1) *Comparisons of Social Support Interactions Between Three Health-Related Online Support Communities*

2) *Online Social and Informational Support Interactions: A Content Analysis of an Internet-Based Hospice Community*

**Medler, Benjamin**  
Darmstadt, Germany  
*Scribe: A Tool for Authoring Event Driven Interactive Drama*
**CEPSE**

**Cerant, Sycarah**  
New York, NY  
Externalizing Students' Developmental Strengths and their Effect on Teacher Relationships

**Chen, Hsin-Yuan**  
Burlingham, MA and San Diego, CA  
The Effects of Literacy Strategies on Reading and Writing Comprehension of Elementary School Students with Learning Disabilities in Taiwan

**Edwards, Alexa**  
Phoenix, AZ  
Voices of Reason: The Academic and Social Perspectives of Black Boys

**Eiland, Daniele**  
New York, NY  
The Impact of Teacher Efficacy on Referral Decisions

**Foster, Aroutis**  
Chicago, IL  
1) Learning Physics Through Playing Games: What is Learned and How?  
2) What is Learning from Games? A Critical Review and Directions for Future Research

**Mohan, Lindsey**  
Los Angeles, CA  
Invited Session: Michael Pressley: A Research Retrospective on has Contributions to the Field and a Vision for the Future

**Tian, Jinghong**  
Hong Kong  
Self-monitoring to Increase ESL Learners' Verbal Responses During Reading

**Chemical Engineering**

**Hendricks, Troy**  
San Francisco, CA  
1) Versatile Conductive Patterning Using Polyelectrolytes  
2) Nanoscopic Wrinkled Morphology of Polyelectrolyte Multilayer Films on Poly(Dimethylsiloxane) Substrates Induced by Thermal Crosslinking

**Computer Science**

**Cen, Zhiwei**  
Vancouver, Canada  
QoS Provision for Remote Sensing and Control in Heterogeneous Environments
**Educational Administration**

Gilbert, Jennifer  
Orlando, FL  
*Developing Globally Savvy Students: Partnering with International Students on U.S. Campuses*

Moore, Corey  
Orlando, FL  
*Success Factors of African-American Males at Predominantly White Institutions*

Radford-Popp, Amy  
Chicago, IL  
*Leaders in the Making: Choosing a Path of Social Responsibility*

Smith, James  
San Antonio, TX  
1) Urban School Principal Leadership Preparation: Perspective of Urban School Principals  
2) Urban School Principal, School District and State Leadership of the Michigan School Improvement Process: Challenges and Accountability

**Electrical and Computer Engineering**

Eslami, Ramin  
Atlanta, GA  
*Regular Hybrid Wavelets and Directional Filter Banks: Extensions and Applications*

Wejinya, Uchechukwu  
Beijing, China  
*Characterization of Living Drosophila Embryos Using Micro Robotic Manipulation System*

Zhang, Jiangbo  
Beijing, China  
*Atomic Force Microscopy Sensing Using Multiple Modes*

**Kinesiology**

Gilson, Todd  
Miami, FL  
*The Definitions of Success for Five Achievement Goal Orientations in Collegiate Athletes who Strength Train*

**Mechanical Engineering**

Neal, Douglas  
Chicago, IL  
*An Analysis of the Loss Mechanisms in Low-Speed Axial Fans Using Scaling Arguments and Their Effect on a Proposed New Definition of Efficiency*
Teacher Education

Jilk, Lisa
Merida, Yucatan
North American Chapter of the International Group for the Psychology of Mathematics Education

Molosiwa, Annah
Umea, Sweden
An Investigation of Teachers Perceptions of Literacy Instruction in Botswana Secondary Schools

Satchell, Ilene
Vancouver, BC
A Phenomenological Study of Commendable School Reform Consultants
Chemical Engineering

Li, Zheng
San Francisco, CA
1) Dynamic Model Integrating Gene Expression and Metabolite Profiles to Identify Lipotoxic Pathways

2) A Hierarchical Approach to Identify Phenotype Relevant Pathways

Low, Kebin
Orlando, FL
1) The Quasibinary NiTi-Nb Eutectic Isopleth: Contact Melting and Microstructural Evolution in a New Braze for Nitinol

2) Cobalt Disilicide Nanowire Growth on Vicinal Si(001) Surface
Civil and Environmental Engineering

Abbas, Hassan
San Francisco, CA
Numerical Modeling in Support of Water Resource Decision

Ahmad, Farhan
Toronto, Canada
An in Situ Synthesized 50-mer Oligonucleotide Microfluidic Biochip for the Detection of Virulence Genes of Waterborne pathogens

Bendert, David
Grapevine, TX
Experimental Evaluation and Field-Monitoring of Self-Compacting-Concrete Prestressed Box Beams for a Demonstration Bridge

Ghanim, Mohammad
Washington, DC
Artificial Neural Network Bus Arrival Time Prediction Tool

Haq, Mahmoodul
Grapevine, TX
Structural Performance and Design of Precast/Prestressed Concrete Girders Using Self-Consolidating Concrete

Lajnef, Nizar
San Diego, CA
A Sub-microwatt Self-powered Fatigue Sensor

Oztan, Mehmet
San Francisco, CA
Modeling Groundwater at Regional Scale

Prabhu, Milind
Turnhout, Belgium
Effects of Dowel Misalignment on the Stress-States in Jointed Concrete Pavements

Shen, Chaopeng
San Francisco, CA
Modeling the Fate and Transport of Bacteriophage PRD-in a Large Surface Water System: The Grand River Watershed, Michigan

Simard, Andreanne
San Francisco, CA
Predicting Aquifer Flow and Transport Using a New Source of Data

Wang, Fulin
San Francisco, CA
Coupled Effects of Salt Concentration Polarization and Colloidal Deposition on the Performance of Reverse Osmosis Membranes
**Computer Science**

**Biyani, Karunkumar**
Lisbon, Portugal

*Concurrency Tradeoffs in Dynamic Adaptation*

**Kolbe, Dashiell**
Istanbul, Turkey

*On k-Nearest Neighbor Searching in Non-Ordered Discrete Spaces*

**Konrad, Sascha**
Minneapolis, MN

*Visualizing Requirements in UML Models*

**Moonesinghe, H.D.K.**
Washington, DC

*Outlier Detection Using Random Walk*

**Mosher, Robert**
Darmstadt, Germany

*Personality Templates and Social Hierarchies Using Stereotypes*

**Valizadegan, Hamed**
Vancouver, Canada

*Generalized Maximum Margin Clustering and Unsupervised Kernel Learning*

**Wang, Chen**
Vancouver, Canada

*Virtual Ruler: Mobile Beacon Based Distance Measurement for Indoor Sensor Localization*

**Wang, Limin**
Long Beach, CA

*Authentication in Reprogramming of Sensor Networks for Mote Class Adversaries*

**Zhang, Yuan**
Cambridge, MA

*Proactive, Content-Aware, Sensitive Data Protection Framework for Enterprises*
Electrical and Computer Engineering

Al-Khassaweneh, Mahmood
Santa Barbara, CA
Image Watermarking in the Autocorrelation Domain

Arunachalam, Kavitha
Albuquerque, NM
1) Microwave Breast Cancer Hyperthermia Using Deformable Mirror

2) Active Microwave Breast Cancer Imaging Using Deformable Mirror

Chan, Shiu Chuen
Orlando, FL
A Minimally Invasive Electromagnetic Technique for the Evaluation of Prosthetic Heart Valves

Devarakonda, Sivanvitha
Baltimore, MD
The Impact of Receive Diversity in the Presence of Correlation in Wireless Sensor Networks

Fang, Yang
San Diego, CA
1) A Scalable Model for Trilayer Conjugated Polymer Actuators and Its Experimental Validation

2) Robust Adaptive Control of Conjugated Polymer Actuators

Rao, Jayanthi
San Francisco, CA
Controlled Node Mobility: A Mechanism for Energy Load Distribution in Sensor Networks

Mechanical Engineering

Bandyopadhyay, Deep
Miami, FL
Optimization of Solute Transfer in Porous Media Using Homogenization

Elkacimi, Younes
Chicago, IL
Regenerative Flow Pumps and Compressors (RFP/RFC) Applications for Water as Refrigerant

Farooq, Umar
New York, NY
Hybrid QFT/H for Control of Nonlinear Systems: An Example of Position Control of a Pendulum

Motato, Elliot
Chicago, IL
Networked Assembly of Physical System Models

Human Medicine

Physiology

Chen, Kai-Chun
Gdansk, Poland
Folding Nucleus of Sheep Prion Proteins
Music

Norman, Michael
Hawaii

Improvisation Across the Curriculum: Theory to Practice for Kindergarten General Music Through High School
**Biochemistry & Molecular Biology**

**Lito, Piro**  
Cold Spring Harbor, NY  
*The Role of Sprouty-2 in Tumor Growth and Apoptosis*

**Phillips, Jennifer**  
Montreal, Canada  
*Altered DNA Methylation is an Epigenetic Mechanism Underlying Carcinogenesis: Implications for Safety Assessment*

**Cell & Molecular Biology**

**Selvakumar, Tharakeswari**  
Kiawah Island, SC  
*Retinoblastoma Tumor Suppressor Enhances Promoter Methylation during RNA Polymerase III Repression*
Banerjee, Sanjukta  
Chicago, IL  
*Advances in Titanium Catalyzed Hydrohydrazination*

Curtis, Jaime  
Baltimore, MD  
*Structural Analysis of the Influenza Fusion Protein by Solid State NMR*

Ding, Zhensheng  
San Francisco, CA  
*VANOL Ligand: Preparation in Large Scale, Derivatives and Applications*

Hu, Gang  
San Francisco, CA  
*Preparation and Deracemization of Vaulted Ligands*

Hupp, Amber  
Chicago, IL  
*Chemical Fingerprinting of Diesel Fuels Using GC-MS and Chemometric Methods for Forensic Analysis*

Korthals, Keith  
San Francisco, CA  
*Traceless Stereoinduction in the One-pot Synthesis of Hexahydridobenzopyrans*

Li, Xiaoyong  
Chicago, IL  
*A Fluorinated Porphyrin Tweezer: Powerful Reporter of Absolute Configurations for Erythro-and Threo-Diol, Amino Alcohols and Quianines*

Lu, Zhenjie  
Chicago, IL  
*Applications of the Asymmetric Aziridination (AZ) Reaction - Ring Expansion and Regio-selective Ring Opening Reactions*

Qiang, Wei  
Baltimore, MD  
*Membrane Insertion of the HIV Fusion Peptide Probed by Solid-State NMR Measurement of Distances between Peptide 13C and Lipid 31P Nuclei*

Ramanathan, Bala  
Chicago, IL  
*Titanium Mediated Conversion of Allyl Alcohols to Secondary Allylic Amines*

Sun, Yan  
Baltimore, MD  
*Solid State NMR Study of HIV and Influenza Fusion Peptides in Magnetically Aligned Bicelles*

Torres, Nicole  
San Francisco, CA  
*How Does the Non-transferable Group on the Triorganotin Species Affect the Rate of the Stille Reaction?*

Whitehead, Daniel  
Chicago, IL  
*Toward Peptidic Ligands for the Asymmetric Osmium Tetroxide-mediated Dihydroxylation of Olefins*

Wu, Chunrui  
San Francisco, CA  
*Total Synthesis of Phomactin BS*
Xue, Siqi  
Chicago, IL  
Synthetic Smectic Clay for the Reinforcement of Epoxy Polymers

Genetics  
Buckley, Martin  
Philadelphia, PA  
Regulation of Retinoblastoma Protein Stability and Function by the COP9 Signalosome

Geological Sciences  
Hidalgo, Paulo  
San Francisco, CA  
Silicic Ignimbrites of El Valle Volcano, Panama: Comparison with Silicic Ignimbrites of the Central American Volcanic Arc

Jerve, Anna  
Ottawa, Ontario  
CT-Scan-Based Analysis of the Morphological Features of the Otic Region in Miocene Lamnid Sharks

Smith, Amy  
Philadelphia, PA  
Claw Morphology of Pteranodon and Possible Aquatic Locomotion

Tulu, Yasemin  
Philadelphia, PA  
An Experimental Approach for Interpreting Shark Tooth Taphonomy

Mathematics  
Baykur, Refik  
Alberta, Canada  
Interactions of Geometry and Topology in Low Dimensions

Brooks, Cara  
New Orleans, LA  
A Discrepancy Principle for Local Regularization

Li, Ying  
New Orleans, LA  
L-p Estimate of Maxwell’s Equation in a Bounded Domain

Luo, Xiaoyue  
New Orleans, LA  
Local Regularization Methods for Nonlinear Volterra Integral Equations of Hammerstein Type

Microbiology  
Harzman, Christina  
Vienna, Austria  
Microbial Metal Metabolism

McKinlay, James  
The Netherlands  
Important Aspects of Actinobacillus Succinogenes Metabolism Revealed in a Chemically Defined Growth Medium with and without [-13 C] Glucose
Physics & Astronomy

Hoang, Khang
Jekyll Island, GA

Deep Defect States in PbTe: From Bulk to Films to Clusters

Hoang, Khang
Ho Chi Minh City, Vietnam

1) Atomistic and Electronic Modeling of Thermoelectric Materials

2) Deep Defect States in PbTe: from Bulk to Films to Clusters

Plant Biology

Al-Haddad, Jameel
Stockholm, Sweden

Influence of Syringyl to Guaiacyl Ratio on Gravitropic Responses and Mechanical Properties in Genetically Altered Poplars (Populus tremula x P. alba)

Mahaney, Wendy
San Jose, CA

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