

# Research@UDM

**Highlighting research and sponsored programs at  
University of Detroit Mercy**

## Inaugural Research & Scholarly Achievement Week a Success

### Winter 2014

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Four-hundred students, faculty, administrators and visitors attended research-focused events during the first annual UDM Research and Scholarly Achievement Week, sponsored by Delta Dental of Michigan. A full roster of events took place from April 14-17, including panel discussions, speakers, a student innovation competition and the Celebration of Scholarly Achievement –UDM’s annual publication and poster fair. Twenty-four UDM faculty members, students and administrators made oral presentations or participated on panels throughout the week.



*Celebration of Scholarly Achievement,  
April 15, 2014*

The cornerstone event, Celebration of Scholarly Achievement, showcased 12 books, 21 book chapters, 77 journal articles, 48 conference proceedings, 2 electronic presentations, 56 posters, 1 non-print project and 10 student awards produced by UDM faculty, administrators and students. Approximately 75 high school students from Henry Ford II and Riverside Academy attended.

After the Celebration, Professors Jonathan Weaver and Darrell Kleinke, Mechanical Engineering, hosted a Student Innovation competition. Each student team built a long and high bridge to support lots of Angry Bird

toys using two sheets of paper, a piece of string, two feet of scotch tape, and two popsicle sticks. Amber Hauer and Alyssa Berlingiere received \$25 each by earning perfect scores. Steven Ivanics received the \$20 second prize. Colin Cashner and James Jones earned \$5 each for the 'coolest design' prize.

Keynote Speaker Robert Porter made a presentation about writing successful grants. With more than 30 years of experience as a researcher and grants consultant, Porter highlighted the importance of basic principles of good grant writing, starting with the phrasing of a compelling research theme to the actual construction of the proposal itself.

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## Research Week, continued

Porter also focused on the perspectives of grant reviewers and how to write in ways that meet their expectations.

UDM also held its first annual IgNobel Prizes ceremony as part of Research Week. The actual IgNobel Prizes, organized by the magazine *Annals of Improbable Research*, honor achievements that first make people laugh, and then make them think. The prizes are intended to celebrate the unusual, honor the imaginative — and spur people's interest in science, medicine, and technology. As part of the week's activities, UDM conducted its own IgNobel ceremony as part of a wine and cheese celebration. Jeffe Boats, professor and chair of Mathematics, Computer Science & Software Engineering, won for proposing to measure self-awareness dissonance among professors by quantifying the difference between the faculty's mid-lecture perception of his/her connection to the students, versus the "actual morbid reality."

A panel discussion on Interprofessional Education (IPE) finished out the week's events. Four speakers, including Professors Jennifer Mendez and Nancy Milligan from Wayne State University and Professors Patricia Rouen and Kathi Shepherd from UDM, related their experiences with interdisciplinary and collaborative programs.

For more details and event photos, please see the website: [http://research.udmercy.edu/find/special\\_collections/digital/csa/](http://research.udmercy.edu/find/special_collections/digital/csa/).



Left: Jonathan Weaver, Mechanical Engineering, and Liz Arroyo, a UDM student, at the Student Innovation Competition  
Right: High school students speaking with a UDM student about his poster at the Celebration of Scholarly Achievement

## UDM Collaborates with WSU, Marygrove, WCCCD on BUILD Grant

University of Detroit Mercy recently submitted a \$21 million grant to the National Institutes of Health in collaboration with Wayne State University, Marygrove College, and Wayne County Community College District. The purpose of this opportunity, called the BUILD Initiative, is to “enhance and further develop institutions with expertise and innovative strategies in research and mentoring of undergraduate students from backgrounds underrepresented in biomedical research.”

The project is led by Gary Kuleck, dean of Engineering and Science. Forty UDM faculty and administrators from across colleges and departments provided input in order to produce a competitive proposal. Thank you to the following faculty and administrators who participated:

Kristen Abraham (CLAE), Dawn Archey (E&S), Janet Baiardi (CHP), Stokes Baker (E&S), Ashok Balasundaram (SOD), Shadi Bani Taan (E&S), Rachelle Belanger (E&S), Mark Benvenuto (E&S), Jeffe Boats (E&S), Roseanne Burson (CHP), Steven Chang (E&S), Shuvra Das (E&S), Daniel Duryea (CLAE), Kendra Evans (E&S), Sara Golomb (CLAE), Harold Greene (CLAE), Carla Groh (CHP), Erin Henze (CLAE), Elizabeth Hill (CLAE), Jacob Kagey (E&S), Eric Krukoni (SOD), Gary Kuleck (E&S), Andrea Kwasky (CHP), Katherine Lanigan (E&S), Molly McClelland (CHP), Matthew Mio (E&S), Therese Miannecki (CHP), Renee McCune (CHP), Katherine Moran (CHP), Liz Roberts-Kirchhoff (E&S), Shulamith Schlick (E&S), Linda Slowik (CLAE), Carmen Stokes (CHP), Pamela Todd (E&S), Prasad Venugopal (E&S), Elaine Webber (CHP), Michelle Wheeler (SOD), Pamela Zarkowski (Provost and VPAA).

### Grant Writing Resources

#### InfoEd SPIN

SPIN is an extensive funding opportunity database which contains over 40,000 opportunities from more than 10,000 sponsors. It's available through the OSPRA website, the UDM Libraries database website, and also at [www.infoed.org](http://www.infoed.org). By creating a 'GENIUS' profile, you can save searches and receive email alerts. Instructional videos are also available on the site. If you have any questions about SPIN or GENIUS, don't hesitate to contact the OSPRA. SPIN is generously funded by the UDM Libraries.

#### Foundation Directory Online

Foundation Directory online contains over 108,000 U.S. foundations and corporate donors, over 3 million recent grants, and over half a million key decision makers. FDO can be accessed at [www.foundationcenter.org](http://www.foundationcenter.org). Please contact the OSPRA or Corporate and Foundation Relations for login information.

#### Grants Review Team (GRT)

The GRT was created to connect non-tenured faculty with colleague mentors who have an established record of success in obtaining external grant funding.

Mentoring can take several different forms:

- individual consultations prior to beginning work on a major grant proposal,
- questions about specific sections of the proposal,
- critiques of one-page overviews, or
- critiques of complete proposals.

Profiles of GRT members, including agencies which have funded their work, keywords for their research interests, and recent publications, can be found on the OSPRA website:

<http://www.udmercy.edu/academicaffairs/ospra/grantsreviewteam/index.htm>

## Please Remember to Certify Your Effort!

If you have time and effort charged to a sponsored program, please help us stay in compliance with federal regulations by certifying your effort! Throughout AY13-14, we will be accepting paper reports as well as electronic certification in TitanConnect self-service. Effort reports are due on January 31 (for fall term), May 31 (for winter term) and September 30 (for summer term).

### VIDEO ABOUT TITANCONNECT CERTIFICATION

To assist you in better understanding the process, the OSPRA has developed a short video for your viewing. Please view the following four-minute video for more specific instructions on certifying effort using TitanConnect: <http://www.youtube.com/watch?v=UdHrHvRp9q0>

### VIDEO ABOUT UNDERSTANDING EFFORT REPORTING

For additional information about why effort certification is required, please see the following four minute video about Understanding Effort Certification: <http://www.youtube.com/watch?v=3zOaO0q2Ft8>

More information can be found on the OSPRA website at

<http://www.udmercy.edu/academicaffairs/ospra/effortreporting/index.htm>

## Faculty Scholarship Highlights

### Faculty Scholarship Highlights November 2013—April 2014

UDM faculty names are bolded and UDM student names are italicized.

Please note that the library keeps more comprehensive lists of faculty publications over time. Please see the website at <http://research.udmercy.edu/achievement/>

#### Book/Ebook

**Benvenuto, Mark Anthony.** *Industrial Chemistry*. Walter de Gruyter Inc, Boston, MA. 2014 Conklin, Wm. Arthur, and **Dan Shoemaker.** *CSSLP Certification All-in-One Exam Guide*. McGraw-Hill Education, New York. 2014

**Dasgupta, Abhijit.** *Set Theory: With an Introduction to Real Point Sets*. Birkhäuser, New York. 2014 Henning, Peter J., Leonid Feller, and **Karen McDonald Henning.** *Criminal Pretrial Advocacy*. West Academic, 2013

Hinchey, John W., and **Troy L. Harris.** *International Construction Arbitration Handbook*. Thomson West, 2013

**Moran, Katherine, Rosanne Burson, and Dianne Conrad.** *The Doctor of Nursing Practice Scholarly Project: A Framework for Success.* Jones and Bartlett Learning, Burlington, MA. 2014

**Shoemaker, Dan,** and Kenneth Sigler. *Cybersecurity: Engineering a Secure Information Technology Organization.* Cengage Learning, Stamford, CT. 2015

**Stever, Sarah.** *Velio of Volterra: The Story of an Italian Master Alabaster Craftsman.* CreateSpace Independent Publishing Platform, North Charleston, SC. 2013

## Book/eBook chapters

**Baiardi, Janet.** "Money Management." *Encyclopedia of Elder Care: The Comprehensive Resource on Geriatric and Social Care.* Capezuti, Elizabeth A.; Malone, Michael L.; Katz, Paul R.; Mezey, Mathy D.. Springer Publishing Company, New York. (2014): 473-475

**Baiardi, Janet.** "Respite Care." *Encyclopedia of Elder Care: The Comprehensive Resource on Geriatric and Social Care.* Capezuti, Elizabeth A.; Malone, Michael L.; Katz, Paul R.; Mezey, Mathy D. Springer Publishing Company, New York. (2014): 644-647

**Baiardi, Janet,** and Peter Wolf. "Death and Dying." *Encyclopedia of Elder Care: The Comprehensive Resource on Geriatric and Social Care.* Capezuti, Elizabeth A.; Malone, Michael L.; Katz, Paul R.; Mezey, Mathy D.. Springer Publishing Company, New York. (2014): 193-195

DeHaan, D. Andrew, **Richard Kulbersh,** and **Riyad Al-Qawasmi.** "A New Cone-Beam Computed Tomography (CBCT) Technique to Evaluate Full-Tooth Angulation and Inclination in Orthodontic Cases." *Computed Tomography: New Research.* Park, Jae Hyun. Nova Science Publishers Inc., New York. (2013): 343-356

**Hibbard, J. Todd.** "Isaiah 24-27 and Trito-Isaiah: Exploring Some Connections." *Formation and Intertextuality in Isaiah 24-27.* Hibbard, J. Todd; Kim, Hyun Chul Paul. Society of Biblical Literature, Atlanta, GA. (2013): 183-199

**Hu, Hsiao-Lan.** "Kamma, No-Self, and Social Construction: the Middle Way Between Determinism and Free Will." *Asian and Feminist Philosophies in Dialogue: Liberating Traditions.* McWeeny, Jennifer; Butnor, Ashby. Columbia University Press, New York. (2014): 37-56

Jackson-Elmoore, Cynthia, Korine Steinke Wawrzynski, Katy Luchini Colbry, and **Juliette C. Daniels.** "Undergraduate Research: Blending the Scholarship of Discovery, Teaching, Application, and Integration." *Going Public: Civic and Community Engagement.* Fitzgerald, Hiram E.; Primavera, Judy. Michigan State University Press, East Lansing, MI. (2013): 33-49

**Kulbersh, Richard,** Thoai-Lan Tran, Theodore Freeland, and **Richard Kaczynski.** "Cone-Beam Computed Tomography (CBCT) Assessment of Condylar Position with Centric Relation Wax Bite." *Computed Tomography: New Research.* Park, Jae Hyun. Nova Science Publishers Inc., New York. (2013): 357-378

Lafortune, Stephane, **Richard Hill,** and **Andrea Pauli.** "Fault Diagnosis of Manufacturing Systems Using Finite State Automata." *Formal Methods In Manufacturing.* Campos, Javier; Seatzu, Carla; Xie, Xiaolan. CRC Press, Boca Raton, FL. (2014): 601-626

**Pacini, Christine.** "Engaging Staff in Learning." *Foundations of Clinical Nurse Specialist Practice (2nd ed.)*. Fulton, Janet S.; Lyon, Brenda L.; Goudreau, Kelly A.. Springer, New York, New York. (2014)

**Presbey, Gail M.,** and George F. McLean. "Foreword: In Memory: The Significance of Claude Sumner SJ's Contribution to Africa Philosophy." *African Philosophy in Ethiopia: Ethiopian Philosophical Studies II.* Gutema, Bekele; Verharen, Charles C. Council for Values and Research in Philosophy, Washington D.C.. (2013): vii-xiii

**Presbey, Gail.** "Ghana: Nonviolent Resistance in the Independence Movement, 1890s - 1950s." *Rediscovering Nonviolent History: Civil Resistance in Liberation Struggles.* Bartkowski, Maciej J.. Lynne Rienner Publishers, Inc, Boulder, CO. (2013)‡: 51-70

**Presbey, Gail.** "Gandhi: The Grandfather of Conflict Transformation." *Conflict Transformation: Essays on Methods of Nonviolence.* DuMont, Rhea; Hastings, Tom; Noma, Emiko. McFarland & Company, Inc., Jefferson, NC. (2013)‡: 213-224

Scott, Brian, **Richard Kulbersh,** and **Richard Kaczynski.** "An Evaluation of Condylar Position in Patients with Temporomandibular Dysfunction Using Cone-Beam Computed Tomography (CBCT)." *Computed Tomography: New Research.* Park, Jae Hyun. Nova Science Publishers Inc., New York. (2013): 379-392

Tan, Rosemarie, **Valmy Pangrazio Kulbersh,** **Richard Kulbersh,** and **Riyad Al-Qawasmi.** "CBCT Evaluation of Changes in the Total Pharyngeal Airway in Subjects from Seven to Eighteen Years." *Computed Tomography: New Research.* Park, Jae Hyun.

Nova Science Publishers Inc., New York. (2013): 393-400

Wise, Samuel, **Richard Kulbersh,** and **Richard Kaczynski.** "Mesiodistal Root Angulation Shown on Conventional and Reconstructed Panoramic Radiographs." *Computed Tomography: New research.* Park, Jae Hyun. Nova Science Publishers Inc., New York. (2013): 325-342

**Witkowski, Michael J..** "Gangs in the Workplace." *Handbook of Forensic Sociology and Psychology.* Morewitz, Stephen J.; Goldstein, Mark L.. Springer, New York. (2014): 103-108

## Journal/eJournal

**Abrams, Howard.** "Eldred, Gideon and Their Aftermath." *Journal of the Copyright Society of the USA.* 60.4. Fall 2013: 491

Alenezi, Mamdouh, **Shadi Banitaan,** and Kenneth Magel. "Efficient Bug Triaging Using Text Mining." *Journal of Software.* 8.9 (2013): 2185-2190

Arnett, M. R., **J. M. Loewen,** and L. M. Romito. "Use of Social Media by Dental Educators." *Journal of Dental Education.* Dr. Nadeem Karimbux. 77.11. November 2013: 1402-1412

**Barry, Michael.** "Black Holes, Graveyards, and the Gravitational Force of What's Below: Mason's In Country." *Papers on Language & Literature: A Journal for Scholars and Critics of Language and Literature.* 49.2. Spring 2013: 141-171

**Belanger, Rachelle M.,** and Paul A. Moore. "A Comparative Analysis of Setae on the Pereiopods of Reproductive Male and Female *Orconectes Rusticus* (Decapoda: Astacidae)." *Journal of Crustacean Biology.* 33.3 (2013): 309-316

- Belanger, Rachelle M, Stephanie B. Conant, and Gregory M. Grabowski.** "Using Castration Surgery in Male Rats (*Rattus norvegicus*) to Demonstrate the Physiological Effects of Testosterone on Seminal Vesicle Anatomy in an Undergraduate Laboratory Setting." *Bioscene: Journal of College Biology Teaching*. James Clack. 39.2 (2013): 25-31
- Bhattacharya, Mithu, and Louis-Marie Ngamassi Tchouakeu.** "Organizational Metaphors as Lenses for Analyzing the Roles of Middleware in Practice." *International Journal of Information Systems & Social Change*. John Wang. (2013)
- Blume, Libby Balter.** "Middle Childhood." *Oxford Bibliographies in Childhood Studies*. Heather Montgomery. (2014)
- Blume, Libby Balter.** "Making Connections: Toward a Transdisciplinary Family Science." *Journal of Family Theory & Review*. Robert M. Milardo. 6.1. March 2014: 1-4
- Boyce, Bret.** "The Magic Mirror of "Original Meaning": Recent Approaches to the Fourteenth Amendment." *Maine Law Review*. 66.1 (2013): 30-88
- Dukhan, Nihad, Muntadher A. Al-Rammahi, and Ahmed S. Suleiman.** "Fluid Temperature Measurements Inside Metal Foam and Comparison to Brinkman-Darcy Flow Convection Analysis." *International Journal of Heat and Mass*. 67. December 2013: 877-884
- Dukhan, Nihad, and Kamel Homan.** "Comments on Two Analyses of Thermal Non-Equilibrium Darcy-Brinkman Convection in Cylindrical Porous Media." *International Journal of Heat and Mass Transfer*. 66. November 2013: 440-443
- Dukhan, Nihad, and Ahmed Suleiman.** "Simulation of Entry-Region Flow in Open-Cell Metal Foam and Experimental Validation." *Transport in Porous Media*. 101.2. January 2014: 229-246
- Duryea, Daniel.** "Cultural Competence and the Addiction Counselor." *Counselor: Magazine for Addiction Professionals*. 14.6. December 2013: 46-50
- Hand, Jacqueline.** "History Explains the Need for VAWA's New Protections for Native American Women." *Domestic Violence Report*. 85. August/September 2013
- Harris, Troy.** "Customary International Arbitration Law." *American Review of International Arbitration*. 24.2 (2013): 245
- Harrison, Mary-Catherine.** "Reading the Marriage Plot." *Journal of Family Theory and Review*. 6. March 2014: 112-131
- Hooman, Kamel, and **Nihad Dukhan.** "Theoretical Model to Predict Hydrodynamics of Foams." *Transport in Porous Media*. 100.3 (2013): 393-406.
- Hutchinson, Robert.** "Cost Accounting and Simulation: Towards a Post-Structuralist Understanding." *Advances in Management Accounting*. 22 (2013): 159-183
- Kesavan, Ram, Michael D. Bernacchi, and Oswald A. J. Mascarenhas.** "Word of Mouse: CSR Communication and the Social Media." *International Management Review*. 9.1 (2013): 59-67

**Kesavan, Ram**, Oswald A. J. Mascarenhas, and **Michael D. Bernacchi**. "Ousourcing Service to India: A Review and New Evidences." *International Management Review*. 9.2 (2013): 36-44

**Koelsch, David C.** "No Better View: Immigration Law Update." *Detroit Legal New*. 22. October 2013

**Koelsch, David**. "Embracing Mercy: Rehabilitation as a Means to Fairly and Efficiently Address Immigration Violations." *Intercultural Human Rights Law Review*. 8 (2013): 323-377

**Kosinski, Timothy**. "Bridging the Gap: Restoring Partially Edentulous Spaces and Maximizing Treatment Options with the Inclusive Tooth Prelacement System." *Inclusive*. 4.2 (2013): 49-54

**Kosinski, Timothy**. "Benefits of CBCT-Assisted Guided Surgery." *Inclusive*. 4.2 (2014): 83-84

**Kosinski, Timothy**. "Mini Implants for the Masses: Four Applications of Small Diameter Implants." *Inclusive*. 4.3 (2014): 56-66

**Kosinski, Timothy**. "Controlling Tissue Contours with a Prosthetically Driven Approach to Implant Dentistry." *Inclusive*. 4.3 (2014): 35-41

**Kosinski, Timothy**. "Improving Esthetics with Sequential Treatment Planning and Implant-Retained Dentures." *Inclusive*. 4.4 (2014): 64-71

**Lancucki, Lukasz, Shulamith Schlick, Marek Danilczuk, Frank D. Coms, and Krzysztof**

**Kruczala**. "Sulfonated Poly(Benzoyl Paraphenylene) as a Membrane for PEMFC: Ex Situ and In Situ Experiments of Thermal and Chemical Stability." *Polymer Degradation and Stability*. 98.1 (2013): 3-11

**Lockwood, Cristina**. "Improving Learning in the Law School Classroom by Encouraging Students to Form Communities of Practice." *Clinical Law Review*. 20.1 (2013): 95-135

*Mikek, Clinton, Tom Wakerly, Ben West, Shelby Maurice, Mitch Sable, Andrew Diefenbach, Witold Fuchs, Tim Gornall, and Mark A. Benvenuto*. "The Thermite Demonstration Revisited: A Dramatic, Yet Safe Combustion." *MSTA Journal*. 58.2. (2013): 25-28

*Mohorovic, Jennifer M., and Elizabeth M. Hill*. "Understanding How Age Affects the Relationships Between Well-Known Predictors of Volunteerism and the Duration and Intensity of Volunteering." *The International Journal of Volunteer Administration*. 30.1 (2013): 59-72

**Moore, Andrew, Cara Cunningham, and Margaret Costello**. "The Globalization of Legal Education." *Michigan Bar Journal*. 92.11. November 2013: 40-42

**Peterson, Evan A.** "Compliance and Ethics Programs: Competitive Advantage Through the Law." *Journal of Management and Governance*. 17.4 (2013): 1027-1045

**Peterson, Evan A.** "Caffeine Catastrophe: Energy Drinks, Product Liability, and Management Strategy." *International Journal of Marketing Studies*. 22 (2013): 159-183

**Presbey, Gail**. "Women's Empowerment: The Insights of Wangari Maathai." *Journal of Global Ethics*. 9.3 (2013): 277-292



**Presbey, Gail.** "Evaluating the Legacy of Nonviolence in South Africa." *Journal of Natal and Zulu History, Special Edition: 1913, Satyagraha, Passive Resistance and its Legacy.* 31.2. December 2013‡: 139-168

**Rombes, Nicholas.** "The Pixel Trade." *Vol. 1 Brooklyn.* 27 October 2013

**Rombes, Nicholas.** "Time Frames: Cracking the Archives of Early Cinema." *Filmmaker* (2013)

Roucka, Toni M., **Pamela Zarkowski**, Evelyn Donate-Bartfield, and Donald E. Patthoff. "Ethical Obligations and the Dental Office Team." *Journal of the American College of Dentists.* 80.4. Winter 2019: 49-58

**Sabbaghi, Omid**, and **Min Xu.** "ROE and Corporate Social Responsibility: Is There a Return on Ethics?" *Journal of Accounting and Finance.* 13.4 (2013): 82-95

**Sabbaghi, Omid, Gerald F. Cavanagh**, and **T. Hipkind.** "Service-Learning and Leadership: Evidence from Teaching Financial Literacy." *Journal of Business Ethics.* 118.1 (2013): 127-137

**Sabbaghi, Omid**, and Navid Sabbaghi. "An Empirical Analysis of the Carbon Financial Instrument." *Journal of Economics and Finance.* 38.2 (2014): 209-234

**Shen, Raphael S.J.**, and **Victoria Mantzopoulos.** "China's Gradualism Approach to Systemic Transformation: Successes, Challenges.." *Journal of Scholastic Inquiry: Business.* 1.1. Fall 2013

**Shen, Raphael S.J.**, and **Victoria Mantzopoulos.** "China's "Going-Out" Policy: Inception, Evolution, Implication." *Journal of Business and Behavioral Sciences.* 25.4. Fall 2013: 121-136

**Souldatos, Ioannis.** "Characterizing the Powerset by a Complete (Scott) Sentence." *Fundamenta Mathematicae.* 222.2 (2013): 131-154

**Weekes, Carmon V. N.**, and **Theresa R. Wyatt.** "The Three-Question Health Literacy Experience for Baccalaureate Nursing Students." *Journal of Nursing Education.* 52.12. DOI: 10.3928/01484834-201 2013: 719-720

**Yang, Fang.** "The Uncertainty of Future Earnings Caused by R&D and Capital Expenditures: A Further Investigation." *Journal of Business and Behavioral Sciences.* 26.1. Spring 2014: 120-130

**Zarkowski, Pamela.** "An R.D.H. and Proud of It!" *The Bulletin of the Michigan Dental Hygienists Association.* 42.1. Fall 2013: 36

**Zeff, Larry**, and **Mary Higby.** "The Tensions of Stability: A True Paradox." *Business Research Yearbook.* 20.2 (2013): 532-539

## Conference Proceedings

*Abdul-Hak, Mohamad, Nizar Al-Holou, Youssef Bazzi, Malok Alamir, and Utayba Mohammad.* "Dynamic Eco-friendly Navigation Using Petri Net." *SAE International.* Detroit, MI. (2013)†

**Bhattacharya, Mithu.** "A Conceptual Framework of RFID Adoption in Retail: Using Roger's Stage Model Perspective." *Decision Sciences Institute*. Baltimore, MD. 16th-19th November 2013

**Hanifin, Leo, Kathy Zhong, and Claudia Bernasconi.** "Understanding and Building Public Opinion Regarding Transit in Southeastern Michigan." *18th International Conference of Hong Kong Society for Transportation Studies*. Hong Kong. (2013)

**Hanifin, Leo, Scott Douglas, Lloyd Semple, Alan Hoback, Utpal Dutta, Scott Anderson, Claudia Bernasconi, Mariarosaria Di Palo, and Krysia Bussiere.** "Detroit Regional Transit – Recommendation and Comparisons: Report Four of a Study of Factors that Enable and Inhibit Effective Regional Transit." *MNTRC: Mineta National Transit Research Consortium*. September 2013

**Hanifin, Leo, Scott Anderson, Claudia Bernasconi, Utpal Dutta, Alan Hoback, and Lloyd Semple.** "Detroit Regional Transit Study: A Study of Factors that Enable and Inhibit Effective Regional Transit: One of Seven Final Reports Resulting from this Project." *MNTRC: Mineta National Transit Research Consortium*. (2013)

Jan, Gene Eu, **Chaomin Luo**, Lun-Ping Hung, and Shao-Ting Shih. "A Computationally Efficient Complete Area Coverage Algorithm for Intelligent Mobile Robot Navigation." *Proceedings of IEEE International Joint Conference on Neural Networks (IJCNN'2014)*. Beijing, China. (2014)

Lee, Cheng-Lung, **Mohan Krishnan, Mark Paulik, and Utayba Mohammad.** "A New Trajectory-Based Path Planning Approach for Differential Drive Vehicles." *Proceedings of: 2013 IEEE International Symposium on Robotic and Sensors Environments*. Washington DC. 21-23 October 2013

Lee, Cheng-Lung, Hongyi Zhang, H. Nguyen, Y.T. Wu, Chris Smalley, **Utayba Mohammad, and Mark Paulik.** "Multi-Modal Image Segmentation for Obstacle Detection and Masking." *Proceedings of the 2014 SAE World Conference*. Detroit, MI. 8-10 April 2014

**Luo, Chaomin, Mohan Krishnan, and Mark Paulik.** "An Effective Trace-Guided Wave-front Navigation and Map Building Approach for Autonomous Mobile Robots." *Proceedings of SPIE Conference on Intelligent Robots and Computer Vision: Algorithms and Techniques*. San Francisco, CA. February 2014

**Luo, Chaomin, Simon Yang, Mohan Krishnan, and Mark Paulik.** "An Effective Vector-driven Biologically-motivated Neural Network Algorithm to Real-time Autonomous Robot Navigation." *Proceedings of IEEE International Conference on Robotics and Automation (ICRA'2014)*. Hong Kong. (2014)

**Luo, Chaomin, Mohan Krishnan, Mark Paulik, Bo Cui, and Xingzhong Zhang.** "A Novel LIDAR-Driven Two-Level Approach for Real-Time Unmanned Ground Vehicle Navigation and Map Building." *Proceedings of SPIE Conference on Intelligent Robots and Computer Vision: Algorithms and Techniques*. San Francisco, CA. February 2014

**Luo, Chaomin, and Jiyong Gao.** "A Computationally Efficient Neural Dynamics Approach to Trajectory Planning of An Intelligent Vehicle." *Proceedings of IEEE International Joint Conference on Neural Networks (IJCNN'2014)*. Beijing, China. (2014)

**Luo, Chaomin, Mohan Krishnan, Mark Paulik, and Samer Fallouh.** "An Intelligent Hybrid Behavior Coordination System for an Autonomous Mobile Robot." *Proceedings of SPIE Conference on Intelligent Robots and Computer Vision: Algorithms and Techniques*. San Francisco, CA. February 2014

**Roberts-Kirchhoff, Elizabeth.** "Service-Learning Project for Students in a General, Organic and Biological Chemistry Course Focused on the Theme of National Chemistry Week: "Energy Now and Forever"." *247th American Chemical Society Meeting*. Dallas, TX. 16-20 March 2014

## Conference Presentation

Arnett, Margie and **Jill M. Loewen.** "Using Social Media for Smokeless Tobacco Education." *7th National Smokeless and Spit Tobacco Summit*. Missoula, Montana. 6-8 August 2013

**Bhattacharya, Mithu.** "A Conceptual Framework of RFID Adoption in Retail: Using Roger's Stage Model Perspective." *Decision Sciences Institute*. Baltimore, MD. 16th-19th November 2013

**Broughton, Richard.** "Litigating the Second Amendment (panelist & presenter)." *Symposium on Up in Arms: The Second Amendment in the Modern Republic, Connecticut Law Review Symposium*. Hartford, Connecticut. November 2013

**Crabtree-Sinnett, Claire.** "Poems: "In New Orleans" and "A Moment from Absalom!" *Conference on the International Faulkner, University of Sibiu*. Sibiu, Romania. 3-5 June 2014

**Koelsch, David.** "Balance in Legal Education." *Midwest Clinical Law Conference*. Minneapolis, MN. November 2013

**Koelsch, David.** "Spiritual Exercises and Law." *Justice in Jesuit Higher Education Conference*. Omaha, Nebraska. August 2013

**Langvardt, Kyle.** "The Demise of Tests in the Government Religious Speech Cases." *Southeastern Law Scholars Conference*. Charleston, SC. October 2013

**Luo, Chaomin, Mohan Krishnan, Mark Paulik, Bo Cui, and Xingzhong Zhang.** "A Novel LIDAR-Driven Two-Level Approach for Real-Time Unmanned Ground Vehicle Navigation and Map Building." *Proceedings of SPIE Conference on Intelligent Robots and Computer Vision: Algorithms and Techniques*. San Francisco, CA. February 2014

**Luo, Chaomin, Mohan Krishnan, and Mark Paulik.** "An Effective Trace-Guided Wave-front Navigation and Map Building Approach for Autonomous Mobile Robots." *Proceedings of SPIE Conference on Intelligent Robots and Computer Vision: Algorithms and Techniques*. San Francisco, CA. 2-6 February 2014

**Luo, Chaomin, Mohan Krishnan, Mark Paulik, and Samer Fallouh.** "An Intelligent Hybrid Behavior Coordination System for an Autonomous Mobile Robo." *SPIE Conference on Intelligent Robots and Computer Vision: Algorithms and Techniques*. San Francisco, CA. 2-6 February 2014

Moe, Jeffrey, Peter Finnerty, **Victoria Sepulveda,** and Dilani Perera. "Approach for Counseling and Supervision with LGBTQ Clients." *Association for Counselor Education and Supervision Conference*. Denver, CO. 17-20 October 2013

**Saunders, Mitzi M..** "Perspectives of Adult-Gerontology Clinical Nurse Specialists' on Practice Outcomes: A Qualitative Study." *National Association of Clinical Nurse Specialists*. Orlando, Florida. March 2014†

## Faculty Awards

**Stokes Baker**, Professor of Biology, was accepted to attend an NSF Ideas Lab, which took place in April 2014.

**Libby Balter Blume**, Professor of Psychology, is the editor-elect of the *Journal of Family Theory & Review (JFTR)*, which will also be housed at University of Detroit Mercy. *Purvi J. Purikh* will also join the magazine as the Assistant Editor.

**Nihad Dukhan**, Professor of Mechanical Engineering, has been awarded a Fulbright Scholar grant to lecture at Istanbul Technical University (ITU), Turkey, during the 2014-2015 academic year.



**We want great things for you**