



# Research@UDM

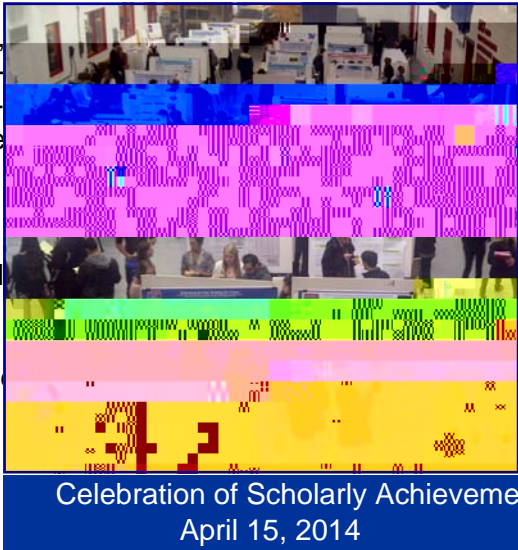
Highlighting research and sponsored programs at University of Detroit Mercy

## 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.



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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For questions, comments or letters to the editor, please contact  
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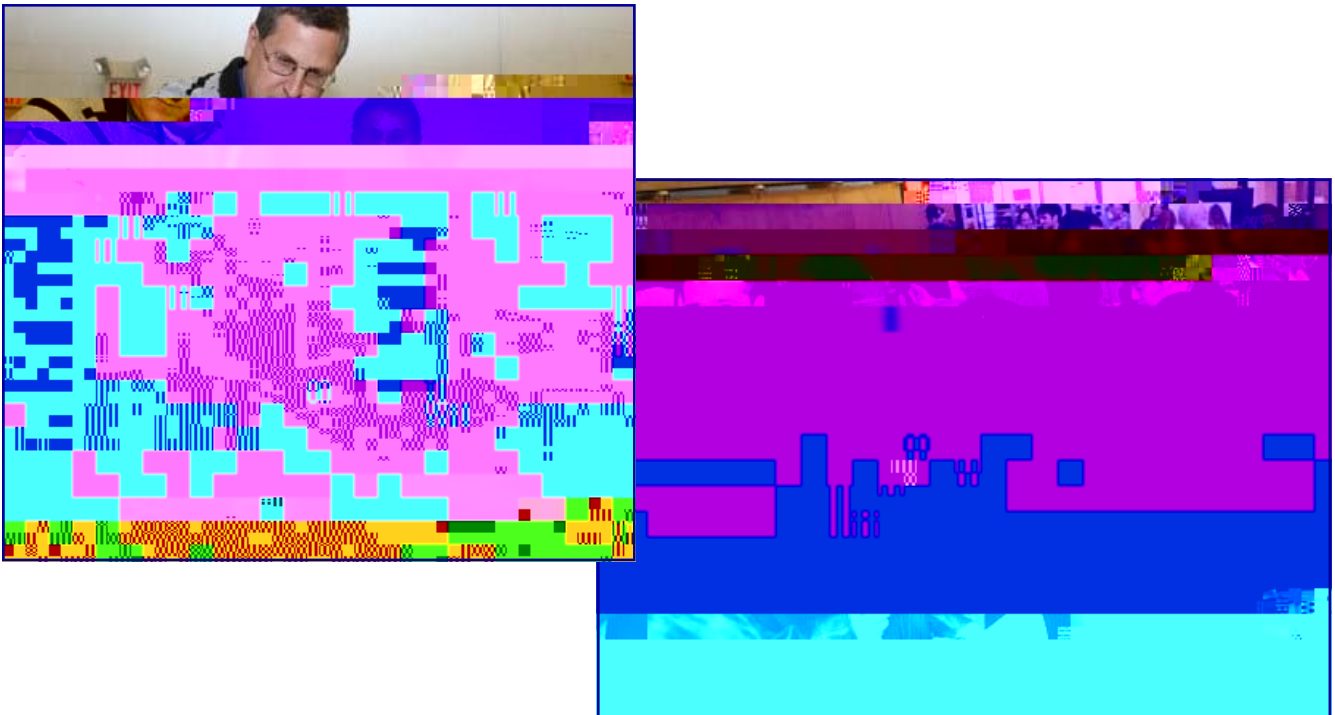
## Research Week, continued

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 awarded 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. Jeff Beards, 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) kicked off 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 a UDM student, at the Student Innovation Competition  
Right: High school students speaking with UDM student about his poster at Celebration of Scholarly Achievement

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), Uberto Baraldi (CHP), Stokes Baker (E&S), Ashok Balasundaram (SOD), Shadi Bani Taan (E&S), Rachellee Beasly (E&S), Mark Benvenuto (E&S), Jeffe Boats (E&S), Roseanne Burson (CHP), Steven Chang (E&S), Shushruth Chaturvedi (E&S), Daniel Duryea (CLAE), Kendra Evans (E&S), Sara Golomb (CLAE), Harold Greene (CLAE), Carla Gruber (CHP), Erin Henze (CLAE), Elizabeth Hill (CLAE), Jacob Kagey (E&S), Eric Krukonis (SOD), Gary Kuleck (E&S), Andrea Kwasky (CHP), Katherine Lanigan (E&S), Molly McClelland (CHP), Matthew Mio (E&S), Terese Mianeki (CHP), Ree McCune (CHP), Katherine Moran (CHP), Liz Roberts-Kirchhoff (E&S), Smith Schlick (E&S), Linda Slowik (CLAE), Carmen Stokes (CHP), Pamela Todd (E&S), Prasad Venugopal (E&S), Elaine Webber (CHP), Michelle Wheeler (SOD),

## 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, 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/ospa/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-Set Theory. Birkhauser, 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 , andDianne 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 Carver. 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

Pacini, Christine . "Engaging Staff in Learning Foundations of Clinical Nurse Specialist Practice (Zotero)."

- 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." *Journal of College Biology Teaching*. 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*. Wang. (2013)
- Blume, Libby Balter . "Middle Childhood." *Oxford Bibliographies in Childhood Studies*. Hether 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-Rammam, and Ahmed S. Suleiman. "Fluid Temperature Measurements Inside Metal Foam and Comparison to Brinkman-Darcy Flow Convection Analysis." *International Journal of Heat and Mass Transfer*. 57. December 2013: 877-884
- Dukhan, Nihad , and Kamel Homan. "Comments on Two Aspects of Thermal Non-Equilibrium Darcy-Brinkman Convection in Cylindrical Porous Media." *International Journal of Heat and Mass Transfer*. 56. 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*. 111.2. 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*. 35. August/September 2013
- Harris, Troy . "Customary International Arbitration Law." *American Review of International Arbitration*. (2013): 245
- Harrison, Mary-Catherine . "Reading the Marriage Plot." *Journal of Family Theory and Review*. March 2014: 112-131





Presbey, Gail . "Evaluating the Legacy of Nonviolence in South Africa." *Journal of Natal and Zulu History*, Special Edition: 1913, Satyagraha, Passive Resistance and Civil Disobedience, 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." *Filmaker* (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* 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* (2013): 82-95

Sabbaghi, Omid ,



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, Connecticut. November 2013

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

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

Koelsch, David

## 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. Puri 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.



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