External funding provides multiple benefits to a university, including those gained directly by individual faculty members, students, alumni, academic programs, and to the University at large. Funds may directly support faculty research, provide research asscoa--tear External funding a bility of the University by diversifying the institution's financial base, and for tuition-dependent institutions like Detroit Mercy, external funding is imperative to allowing us to continue to impact the greater good.

Whereas external funding for scholarly activities typically is generated by the federal government or philanthropic foundations, there is often a great degree of variability among the type and scope of funding provided, and the extent of impact the funding may have. In an effort to illustrate the numerous ways in which external funding impacts the University and its stakeholders, this is the introductory article in a new series detailing the long tail of external funding funding.

#### **Student-Focused Funding**

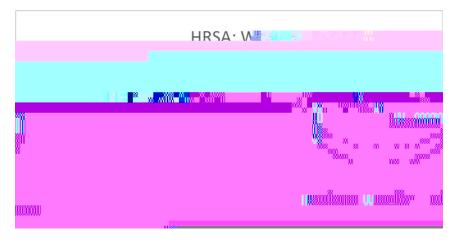
External funding to support research and other scholarly activities plays a crucial role in academe and is largely the domain of faculty—designed specifically and to some degree, exclusively, for scholars. However, a significant amount of federal funding is also made available to scholars for use in preparing students in specific disciplines and to expand the workforce with highly specialized professionals in order to meet emerging needs in society. Not only is this type of funding instrumental to reinforcing the University mission and the University's stature as a premier institution of learning, its economic impact stretches far and wide. For instance, funding for academic programs and enhanced student preparation has provided: external tuition support for students, salary support for faculty and staff, and additional compensa-

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#### 3) \$702,000 Award - Health Services and Resources Administration (2014-2017) Academic Unit Impacted by Award: Counseling Program Project Director: Nancy Calleja, Professor of Counseling and Addiction Studies

The HRSA award was made possible as a result of a federal initiative to expand the professional behavioral health workforce with those specially trained to work with high-risk adolescents. As a result of the award, the Working with At-Risk Youth Fellowship program (WARY) was implemented in the graduate Counseling program. The WARY Fellowship program provides enhanced curricular and specialized internship placements to selected Counseling students, providing students with a \$10,000 stipend for their commitment to work with at and high risk youth during the first five years of the their career. In addition to providing more than \$500,000 in Counseling student stipends, the funds also supported six Graduate Research Assistants. In addition, the funds provided \$8,000 to Counseling program alumni who worked on the project, and \$157,000 in faculty salary support.



## Find Grant Opportunities!

#### 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. By creating a profile, you can save searches and receive email alerts. Instructional videos are also available on the site. If you have any questions about SPIN, 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 <u>www.foundationcenter.org</u>. Please contact the OSPRA or Corporate and Foundation Relations for login information.

For other resources, such as video tutorials about grant budgeting, information commonly required in grant applications, compliance requirements and internal processes, please visit the OSPRA website at <a href="http://www.udmercy.edu/academicaffairs/ospra/">http://www.udmercy.edu/academicaffairs/ospra/</a>

### **NIH Funds ReBUILDetroit Pilot Grants**

In April 2017, ReBUILDetroit funded five pilot, collaborative and course development projects submitted by investigators across partner institutions as part of a competitive granting process. Pilot awards totaled nearly \$125,000, and are part of the five-year, \$21MM ReBUILDetroit grant funded by the National Institutes of Health (NIH).

A team comprised of faculty and administrators from University of Detroit Mercy, Wayne State University and Marygrove College developed and disseminated the Request for Proposals in fall 2016. Investigators from all three partner institutions were eligible to submit. The team solicited external reviewers who provided detailed feedback to investigators. Based on reviewer comments, recommended proposals were sent to the NIH for final review and approval. The following grants have been approved by the NIH (Principal Investigators are listed first. Detroit Mercy investigators are in bold):

#### Course Development Grants

Kendra Evans, Elizabeth Roberts-Kirchhoff, and Katherine Lanigan. "Development and Implementation of Bioanalytical Research Project in Quantitative Analysis Laboratory." \$24,990.62

### **Detroit Mercy Celebrates Scholarly Achievement**

More than 300 members of the Detroit Mercy community participated in the 12<sup>th</sup> Annual Celebration of Scholarly Achievement, sponsored by Delta Dental of Michigan. The annual event highlights the diverse scholarship of faculty, undergraduate and graduate students and spotlights the impact of Detroit Mercy in industry, design, education, health care and other fields.

This year's event showcased four books, nine book chapters, 70 journal articles, 12 conference proceedings, one electronic presentation and 84 scholarly posters.

Also featured were nine Celebrate Service posters highlighting the important service activities of faculty and students. A diverse array of posters from all colleges and schools included initiatives such as Rx for Reading and the Pediatric Dentistry Club. Nurse Anesthesia's mission trips to Guatemala and the Philippines were represented. The College of Business Administration discussed a financial literacy education program for middle school students. The Counseling, Psychology and Law Clinics were highlighted, as were the Career Education Center and the Institute for Leadership and Service.

Congratulations to all faculty members and students who have published, presented or received an award during the 2016-17 academic year. Your accomplishments heighten the distinction of University of Detroit Mercy.

WINTER 2017



# Faculty Scholarship Highlights, October 2016 — April 2017

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

Blodgett, Aaron J., and



**Beydoun, Khaled A.** "America, Islam, and Constitutionalism: Muslim American Poverty and the Mounting Police State." Journal of Law and Religion. 31.3 (2016): 279-292

Crabtree-Sinnett, Claire. "Vision Quest on Highway 550." Earth's Daughters. 88 (2016): 26

Cunningham Warren, Cara. "An American Reset--Safe Water & a Workable Model of Federalism." Duke Environmental Law & Policy Forum. 27 Fall 2016: 51-117

Di Francescantonio, Marina, **Rafael Rocha Pacheco**, Thaiane Rodrigues Aguiar, Letícia Cristina Cidreira Boaro, Roberto Ruggiero Braga, Adriano Luis Martins, and Marcelo Giannini. "Evaluation of Composition and Morphology of Filler Particles in Low-Shrinkage and Conventional Composite Resins Carried Out by Means of SEM and EDX." Journal of Clinical Dentistry & Research. 13.1 (2016): 49-58

**DiPaolo**, **Donald G.** "Leadership Education Is Not Enough: Advancing an Integrated Model of Student-Athlete Development." Journal of Leadership Education. Jackie Bruce. 16.1 (2017): 216-229 <u>http://www.journalofleadershiped.org/index.php/2017-vol-16-iss-1/486-leadership-education-is-not-enough-advancing-an-integrated-model-of-student-athlete-development</u>

Dutta, Utpal, and Xiaohui Zhong. "A Quick Response Light Rail Transit Operation & Maintenance Cost Utility Tool to Perform Sensitivity Analysis." ITE Journal. 86.7 (2016)

**Eisenhauer**, Joseph G. "Quantifying the Subjective Value of Certainty." German Economic Review. 18.1 (2017): 118-131

Geist, James R. "ICRP 129 and Cone Beam Computed Tomography." Oral Surgery Oral Medicine Oral Pathology Oral Radiology. Mark Lingen. 121.4 (2016): 345-347

Geist, James R. "The Three-Dimensional Radiologic Viewer and Scientific Publications in the New Century." Oral Surgery Oral Medicine Oral Pathology Oral Radiology. Mark Lingen. 122.3 (2016): 263-264

Gonik, Bernard, Eline Wilson, Melanie Mayberry, and Yuki Joarder Bushra. "Pregnant Patient Knowledge and Behavior Regarding Perinatal Oral Health." American Journal of Perinatology. 27 October 2016

**Greene**, **Harold H.**, and James M. Brown. "Where Did I Come From? Where Am I Going? Functional Differences in Visual Search Fixation Duration." Journal of Eye Movement Research. 10.1 (2017): 1-13 <a href="https://bop.unibe.ch/index.php/JEMR/article/view/2956">https://bop.unibe.ch/index.php/JEMR/article/view/2956</a>

Harris, Troy L. "Construction Disputes Under US Law: a Primer for Non-US Lawyers." Construction Law International. 11.1 (2016): 26-29

Hill-Vásquez, Heather

Kwasky, Andrea, and Catherine Corrigan. "Nursing in the Mercy Traditions: Engaging Students in the Life of Catherine McAuley." The Journal of Christian Nursing. 33.4 (2016): 244-248

Maalhagh-Fard, Ahmad, and Steven H Bernier. "Modification of Divergent Abutments to Achieve Optimal Overdenture Retention."

## **Published Conference Proceeding**

Banitaan, Shadi, Mohammad Azzeh, and Ali Bou Nassif. "User Movement Prediction: The Contribution of Machine Learning Techniques." 15th IEEE International Conference on Machine Learning and Applications (ICMLA). Anaheim, CA. 18-20 December 2016

Sego, Timothy J, **Yung-Ting Hsu**, Tein-Min Gabriel Chu, and Andres Tovar. "On the Significance and Predicted Functional Effects of the Crown-to-Implant Ratio: A Finite Element Study of Long-Term Implant Stability Using High-Resolution, Nonlinear Numerical Analysis." 2016 IMECE International Mechanical Engineering Congress and Exposition. Phoenix, AZ. 11-17 November 2016

Shi, Zheyuan, and **Sindhu Kutty**. "Strategic Reporting in Exponential Family Prediction Markets." 2016 IEEE MIT Undergraduate Research Technology Conference. Boston, MA. 4-6 November 2016

Stanard, Virginia. "Lafayette Park: In-Between Urbanism." 105th Association of Collegiate Schools of Architecture (ACSA) Annual Meeting.

### **Student Awards**

Christoff, Maria. "Suffering, the Other, and a Vote for Trump." Schillinger Memorial Essay Competition. Section V of the Division of Psychoanalysis (39) of the APA.

Hope, Kristyn, Jean Francios Tulasne, Ahmad Zuhaili, **Anthony Neely**, and **Bassam Kinaia**. "Full Mouth Rehabilitation with Dental Implants for a Papillon-Lefèvre Syndrome Patient." 1st place poster at the Michigan Periodontal Association meeting on February 4th, 2017 (Outstanding Hard Tissue Case). Michigan Periodontal Association.

LaLonde, Cathleen and John Porcerelli. "Differentiation-Relatedness and Partner-Violence in Urban Women." 1st Flace Poster Award. Society for Personality Assessment.

Lamble, Monica, Anthony Neely, and Bassam Kinaia. "Treatment for Peri-Implantitis Using a Novel Amnion-Chorion Human Tissue Membrane: A Case Series." 1st place poster at the Michigan Periodontal Association meeting on February 4th, 2017 (Outstanding Disease Control Case). Michigan Periodontal Association.

Patel, Krupa, Eric Krukonis, Salwa Atwan, Michael Elftman, Anthony Neely, Jason Souyias, Jamal Alhabeil, and Bassam Kinaia. "Benign Ethnic Neutropenia in a 7 Year-old Female." 1st place poster at the Bunting Periodontal Association meeting for May 12th, 2017. Bunting Periodontal Association.

Zatorski, Brittany. Virginia M. Wagner Educational Grant. Soroptimost International of Grosse Pointe.



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