



Detroit Mercy Research & Grants

**Highlighting Research and Sponsored Programs at
University of Detroit Mercy**

Winter 2017

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The Long Tail of External Funding

By Nancy Calleja, Professor and Chair, Department of Counseling & Addiction Studies

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 assistantships and enhanced academic experiences to students and work opportunities for alumni, promote recruitment and retention, and allow faculty, students, and staff to further the University mission by significantly impacting the broader community. External funding also promotes the sustainability 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*.

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 compensation for faculty. It has also created work opportunities for alumni and community members, and provided necessary funding to support evaluation activities, supplies, and other essential related tools and activities. In addition, this type of funding often has a direct impact on the community by providing specific services, expanding the workforce, and enhancing the community's infrastructure. While difficult to quantify, it is the community impact of this type of external funding that so reflects the Mission of Detroit Mercy.

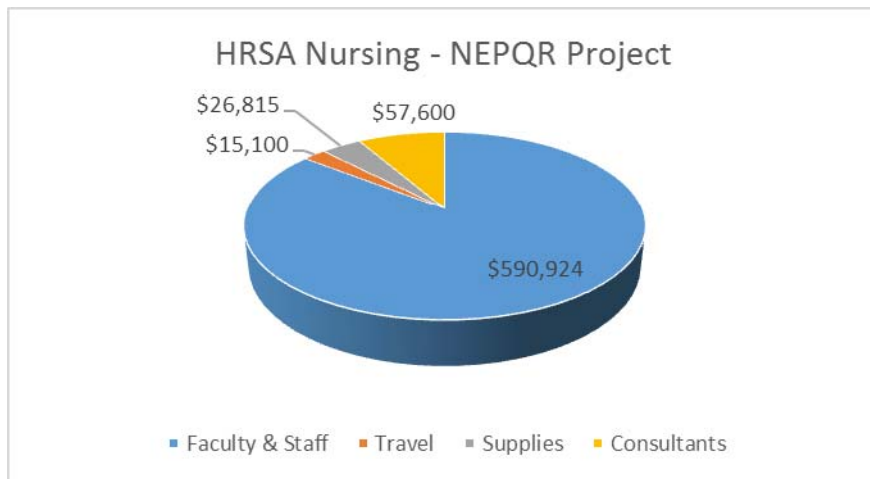
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To illustrate the impact of external funding related to academic preparation and workforce expansion, three recent grant projects are discussed below. Each of the grants was awarded by federal agencies (Health Services and Resources Administration, National Science Foundation) and had total budgets of more than \$500,000.

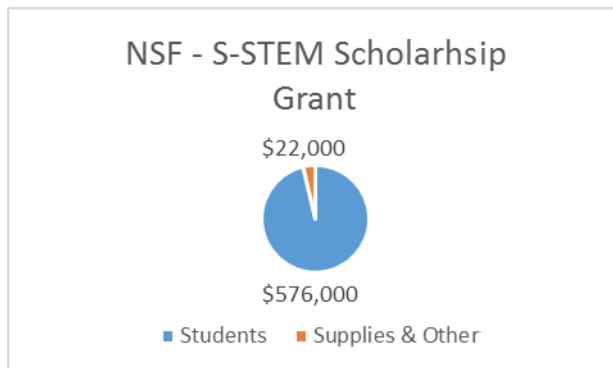
1) \$752,000 – Health Services and Resources Administration
Academic Unit Impacted by Award: McAuley School of Nursing
Project Director: Carla Groh, Professor of Nursing

The Health Resources and Services Administration’s Nurse Education, Quality, Practice and Retention project provided enhanced clinical practice to nursing students in order to positively impact the community through the delivery of needed health care. The majority of funding supported faculty and staff salaries (\$590,924) while \$57,600 was allocated to hire a local consultant, and more than \$40,000 provided additional funding for faculty and staff travel and the purchase of materials and supplies.



2) \$598,000 Award – National Science Foundation
Academic Unit Impacted by Award: College of Engineering and Science
Project Director: Shuvra Das, Professor of Engineering

The NSF Scholarships in STEM (S-STEM) award was designed to encourage student pursuit of science, technology, engineering and math degrees. The program made it possible for Detroit Mercy to award \$576,000 directly to undergraduates in the form of scholarships. Because this was a scholarship-based program, 96% of the grant award was allocated directly to student tuition with only 4% (\$22,000) allocated to project evaluation, supplies and other intangibles.



Continued

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 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 www.foundationcenter.org. 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 <http://www.udmercy.edu/academicaffairs/ospra/>

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

Gregory Grabowski and Rachelle Belanger, “Advancing Undergraduate STEM Education: Development of a Research-Focused Histotechnology Course.” \$25,878.44

Collaborative and Pilot Grants

Klaus Friedrich and Christine Chow, “Amino Acid-Type Carrier Ligands for DNA-Probing.” \$23,117.00

Carla Groh and Mitzi Saunders, “Transition from Spousal Caregiving to Widowhood: A Mixed Method Comparison between Rural and Urban Women.” \$24,998.00

Jacob Kagey and Tiffany Cook, “Investigation of the multi-faceted role of Yorkie in Drosophila melanogaster eye development in the roles of cell proliferation, cell survival, and cell fate specification.” \$25,418.71

The long-term objective of the ReBUILDetroit project (Research Enrichment Building Undergraduate Infrastructure Leading to Diversity) is to align institutions and faculty from University of Detroit Mercy, Marygrove College and Wayne State University to support the development of innovative undergraduate research training programs that eventually will increase the number of undergraduate and underrepresented students pursuing biomedical, behavioral, social, and clinical research careers. The grant is currently in its third year.

NIH / Research Enhancement
Building Infrastructure Leading to Diversity

REBUILDetroit

State of Michigan Funds the Design of a Community Gathering Space

The Michigan Economic Development Corporation has awarded the Detroit Collaborative Design Center a \$100,000 grant to create a community space in the Fitzgerald neighborhood. Architects will focus on the beautification and repurposing of vacant land at the intersection of Fenkell Ave. and Charrylawn St, an area in northwest Detroit which is often overlooked. The project will include community engagement, design and engineering for the proposed landscape, and also construction. Long-term maintenance and ownership will be made possible by a community lease through the Detroit Land Bank Authority. A local community organization will oversee the project, in coordination with local block clubs that will also inform design decisions. The landscape plan will be detailed in collaboration with residents and will likely include features such as native plantings, seating and pathways. The estimated completion date for the space is summer 2018.

Changes to the Federal Policy for the Protection of Human Subjects

In January 2017, the U.S. Department of Health and Human Services (HHS) and 15 other federal agencies issued a final rule to update regulations that safeguard human subjects. The revised rule strengthens protections for research participants while attempting to avoid additional administrative burdens. Most provisions in the new rule will go into effect in January 2018.

The current set of regulations, commonly referred to as the Common Rule, has been in place since 1991. Since the research environment has changed significantly since then, the HHS and other agencies published a Notice of Proposed Rulemaking (NPRM) in September 2015. The proposed rule drew more than 2,100 comments. In response to these concerns, the final rule contains many significant changes from the NPRM.

Important elements in the final rule include the following (taken from HHS.gov):

- The requirement for consent forms to provide potential research subjects with a better understanding of a project's scope, including its risks and benefits, so they can make a more fully informed decision about whether to participate.
- Requirements, in many cases, to use a single institutional review board (IRB) for multi-institutional research studies. The proposal from the NPRM has been modified, however, to add substantial increased flexibility in now allowing broad groups of studies (instead of just specific studies) to be removed from this requirement.
- For studies on stored identifiable data or identifiable biospecimens, researchers will have the option of relying on broad consent obtained for future research as an alternative to seeking IRB approval to waive the consent requirement. As under the current rule, researchers will still not have to obtain consent for studies on non-identified stored data or biospecimens.
- The establishment of new exempt categories of research based on the level of risk they pose to participants. For example, to reduce unnecessary regulatory burden and allow IRBs to focus their attention on higher risk studies, there is a new exemption for secondary research involving identifiable private information if the research is regulated by and participants are protected under the HIPAA rules.
- Removal of the requirement to conduct continuing review of ongoing research studies in certain instances where such review does little to protect subjects.
- Requirement that consent forms for certain federally funded clinical trials be posted on a public website.

The final rule can be accessed at <https://www.federalregister.gov/documents/2017/01/19/2017-01058/federal-policy-for-the-protection-of-human-subjects>

Detroit Mercy Celebrates Scholarly Achievement

More than 300 members of the Detroit Mercy community participated in the 12th 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.

For more details and event photos, please see the website: http://research.udmercy.edu/find/special_collections/digital/csa/.



Leah Aggison and Jace Paupert. Photo by John Powell

Please Remember to Certify Your Effort!

If you have time and effort charged to a sponsored project, please help us stay compliant with federal regulations and avoid possible audit findings (and related fines) by taking a few short minutes to certify your effort! We accept paper reports as well as electronic certification in TitanConnect. Effort reports are due on January 31 (for fall term), May 31 (for winter term) and September 30 (for summer term). Please see the instructions below, as well as links to instructional videos.

PROCESS FOR USING TITANCONNECT TO CERTIFY

1. Login to TitanConnect Self-Service
2. Go to the Employee tab
3. Click on Effort Certification
4. Click on the term for which you want to certify
5. View the effort distribution as recorded by Payroll
6. If it is *correct*, CLICK CERTIFY
7. If it is *incorrect*, click request changes and send an email with the specific changes requested to tcfinance@udmercy.edu or complete a paper report.

VIDEO ABOUT TITANCONNECT CERTIFICATION

Please view the following four-minute video for more specific instructions on certifying effort using TitanConnect:
<http://www.youtube.com/watch?v=UdHrHvRp9q0>

More information can be found at

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

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 <http://research.udmercy.edu/achievement/>

Books

Cogan, Rosemary, and **John H. Porcerelli**. *Psychoanalytic Treatment in Adults: A Longitudinal Study of Change*. Routledge, New York, NY. 2016

Stanard, Virginia, and *Aleksia Bogdanovic*. *Connect 6: Design Ideas for Complete Neighborhoods for the Livernois/Six Mile Communities*. Self-published, Detroit, MI. 2016

Book Chapters

Bachi, Atais, **Rafael Pino Vitti**, **Rafael Rocha Pacheco**, and Eduardo Souza Jr. "Chapter 8: Ceramics Odontológicas (Dental Ceramics)." *Detalhes (Details)*. Souza-Júnior, Eduardo José Carvalho; Mello, Ginger. Plena, (2017): 1-30

Blodgett, Aaron J., and **Jennifer L. Dean**. "Is that Code? Using Google in Undergraduate Math and Computer Science Research." *Teaching Technology in Libraries: Creative Ideas for Training Staff, Patrons and Students*. Smallwood, Carol; Sanborn, Lura. McFarland & Company, Inc., Jefferson, NC. (2017): 104-109

Burson, Rosanne, and **Kathy Moran**. "Self-Management in Chronic Disease." *Integration of Palliative Care in Chronic Conditions: An Interdisciplinary Approach*. Kuebler, Kim. Oncology Nursing Society, Pittsburgh, PA. (2017): 41-53

Grant, Ken. "Registering Rome: The Eternal City through the Eyes of Pope Gregory VII." *Time: Sense, Space, Structure*. VanDeusen, Nancy; Koff, Leonard Michael. Brill, Boston, MA. (2016): 58-77

Hu, Hsiao-Lan. "Buddhism and Sexual Orientation." *Oxford Handbook to Contemporary Buddhism*. Michael Jer-ryson. Oxford University Press, New York, NY. (2017): 662-677

Hu, Hsiao-Lan. "Chapter 10: Deconstructing Fixed Identity Categories and Cultivating Appreciation for Diversity: Teaching Buddhism and Feminism." *Teaching Buddhism: New Insights on Understanding & Presenting the Traditions*. Lewis, Todd; DeAngelis, Gary. Oxford University Press, New York, NY. (2016)

Hu, Hsiao-Lan. "Bhiksunī Chao-Hwei's Buddhist-Feminist Social Ethics." *The Bloomsbury Research Handbook to Chinese Philosophy and Gender*. Pang-White, Ann A. Bloomsbury Academic, New York, NY. (2016): 377-398

Nesbit, Samuel P., Angela Broome, and **Shin-Mey Rose Geist**. "Common Diagnoses in Dentistry." *Diagnosis and Treatment Planning in Dentistry*. Stefanac, Stephen J; Nesbit, Samuel Paul. Elsevier, St. Louis, MO. (2017): 24-71

Porcerelli, John, and *John Jones*. "Chapter 3: Psychological Assessment in Integrated Care: An Overview." *Handbook of Psychological Assessment in Primary Care Settings, 2nd Ed*. Maruish, Mark. Routledge, New York, NY. (2017)

Journal Articles

Ahmad, Maha. "The Anatomy of Bifid Mandibular Foramina: a Comprehensive Review." *International Journal of Anatomical Variations*. 9.1 (2016): 91-94

<http://www.pulsus.com/scholarly-articles/the-anatomy-of-bifid-mandibular-foramina-a-comprehensive-review.html>

Arbak, Altay, Özer Bağcı, and **Nihad Dukhan**. "Flow Regimes in Commercial Metal Foam Having 10 Pores Per Inch." *Journal of Thermal Engineering*. 2.6 (2016): 1023-1028

Archibald, Catherine Jean. "Transgender Bathroom Rights." *Duke Journal of Gender Law & Policy*. 24.1 (2016): 1-31

Atwan, Salwa, James R. Geist, and **Shin-Mey Rose Geist**. "Supernumerary Teeth: Value-Based Guidelines for Management." *Journal of the Michigan Dental Association*. Conlon, Steven M. 99.2 (2017): 42-46

Banitaan, Shadi, Mohammad Akour, and Mamdouh Alenezi. "A Test Suite Reduction Approach for Software Unit Testing." *Advanced Science Letters*. 22.10 (2016): 2977-2981

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**, Thaianne Rodrigues Aguiar, Leticia 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

<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>

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

<https://bop.unibe.ch/index.php/JEMR/article/view/2956>

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. "More Wounding Than Wounds: Hysterectomy, Phenomenology, and the Pain(s) of Excarnation." *Journal of Feminist Scholarship*. 10 (2016): 37-47

Kim, Jae Ha, and **Maha Ahmad.** "Internal Occipital Crest Misalignment with Internal Occipital Protuberance: A Case Report of Posterior Cranial Fossa Anatomic Variations." *Case Reports in Neurological Medicine*. Article ID 7575623 2016: 1-3

<https://www.hindawi.com/journals/crinm/2016/7575623/abs/>

Kinaia, Bassam M., Kiran Agarwal, Brandon Bushong, Natasha Kapoor, Kristyn Hope, Filip Ambrosio, and Maanas Shah. "Surgical Management of Impacted Canines: A Literature Review and Case Presentations." *Journal of Dentistry and Oral Biology*. 1.3 (2016): 1-7

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

Maalghagh-Fard, Ahmad, and **Steven H Bernier**. "Modification of Divergent Abutments to Achieve Optimal Overdenture Retention." *Periodontics and Prosthodontics*. 2.1 (2016): 1-4

Mayberry, Melanie E. "Using Statistical Process Control to Improve Clinical Productivity." *American Journal of Medical Quality*. 31.5 (2016): 491

Mayberry, Melanie E., Emily Norrix, and Christine Farrell. "MDA Dentists and Pregnant Patients: A Survey of Attitudes and Practice." *Journal of the Michigan Dental Association*. 99.1 (2017): 54-62

Rodrigues, Raquel Viana, Camila Sobral Sampaio, **Rafael Rocha Pacheco**, Fernanda Miori Pascon, Regina Maria Puppim-Rontani, and Marcelo Giannini. "Influence of Adhesive Cementation Systems on the Bond Strength of Re-lined Fiber Posts to Root Dentin." *The Journal of Prosthetic Dentistry*. In Press 2017: 1-7

Rouen, Patricia A., and Brenna R. Wallace. "The 2015-2020 Dietary Guidelines: Overview and Implications for Nursing Practice." *Home Healthcare Now*. **Maureen Anthony**. 35.2 (2017): 72-82

Shen, Xiao-qing, Yuan-ming Geng, Ping Liu, Xiang-yu Huang, Shu-yi Li, Chun-dong Liu, **Zheng Zhou**, and Ping-ping Xu. "Magnitude-Dependent Response of Osteoblasts Regulated by Compressive Stress." *Scientific Reports*. 7 (2017): 1-10
[doi:10.1038/srep44925](https://doi.org/10.1038/srep44925)

Stern, J. Kobi, **Zheng Zhou**, Aaron Rawlings, Solon Kao, Christopher Cutler, and Hector Rios. "Current Knowledge: The Regenerative Potential of Periosteum-Derived Cells and Their Application in Oral and Craniofacial Therapy." *Journal of Biomaterials and Tissue Engineering*. 6.11 (2016): 843-860

Tsang, Tiffany M., Jeffrey S. Wiese, Jamal A. Alhabeil, Lisa D. Usselman, **Joshua J. Thomson**, Rafla Matti, Malte Kronshage, Natalie Maricic, Shanedah Williams, **Naama H. Sleiman**, Suleyman Felek, and **Eric S. Krukonis**. "Defining the Ail Ligand-Binding Surface: Hydrophobic Residues in Two Extracellular Loops Mediate Cell and Extracellular Matrix Binding To Facilitate Yop Delivery." *Infection and Immunity*. 85.4 (2017): 1-16
<http://iai.asm.org/content/85/4/e01047-15.full.pdf+html>

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<http://www.tandfonline.com/eprint/WYucz5ZfgK8Vunn8NXJC/full>

Webber, Elaine, and **Mary Serowoky**. "Breastfeeding Curricular Content of Family Nurse Practitioners Programs." *Journal of Pediatric Health Care*. 31.2 (2017): 189-195
<http://www.ncbi.nlm.nih.gov/pubmed/27553119>

Zakhary, Ibrahim, **Karl Wenger**, **Mohammed Elsalanty**, **James Cray**, **Mohamed Sharawy**, and **Regina Messer**. "Characterization of Primary Osteocyte-Like Cells from Rats' Mandible." *Journal of Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*. Elsevier. 123.1 (2017): 37-43

Zeff, Lawrence E., and **Mary A. Higby**. "East Meets West: How Chinese Business Leaders Adapt to and Adopt Western Culture of Success." *Quarterly Review of Business Disciplines*. Margaret Goralski. 3.4 (2017): 261-277

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*. Detroit, MI. 23-25 March 2017

Conference Presentation

Atwan, Salwa, and **Carolynn Zeitz**. "Student Fear toward Infant Oral Health: A Community Collaboration." *American Dental Education Association 2017 Annual Session and Exhibition*. Long Beach, California. March 2017

Dean, Jennifer L., Susann deVries, and Kathy Irwin. "Reflections on the First Year Experience as Library Leader: At the Helm." *Association of College and Research Libraries Conference*. Baltimore, Maryland. 23 March 2017

Fulk, Brandi, **Steven Huprich**, and **John Porcerelli**. "Object Relations in Binge Eating Disorder." *Society for Personality Assessment*. San Francisco, California. 16 March 2017

Hu, Hsiao-Lan. "Each Understands in Accordance with His/Her Type: A Buddhadharma-Inspired, Student-Centered Pedagogy." *The American Philosophical Association Central Division Meetings*. Kansas City, Missouri. 1-4 March 2017

Mayberry, Melanie E., B. Gonik, and R. Trombly. "Beyond Boundaries: OB and Oral Health, Impact on Patient Care." *American Dental Education Association Annual Session*. Long Beach, California. March 2017

Rouen, Patricia, Janet Baiardi, and Alisa Smith. "Interprofessional Collaboration and Social Media to Promote Health in Underserved Populations." *Michigan Academy of Science Arts & Letters*. Kalamazoo, Michigan. 10 March 2017

VanCamp, Aloha, Melanie E. Mayberry, Elizabeth Rodems, and Catherine Licheman. "Integrated Health Care: Creating Change through a Dental, Community Behavioral Health Care and Social Work Collaboration." *Western Social Science Association*. San Francisco, California. April 2017

Zhou, Zheng. "Periodontal Risks and Management in Orthodontic Treatment." *2016 China International Orthodontic Conference and the 15th Annual Session of Chinese Orthodontic Society*. Xi'an, China. 10th-14th October 2016

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 Place 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 Eftman, 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.* Soroptimist International of Grosse Pointe.



U N I V E R S I T Y O F
DETROIT
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Build A Boundless Future