

UCF Faculty AcCOMplishments

April - June, 2018

Publications

- Anand A, Wagner C, Kong S, Griffith E, Harimtepathip P, Baker KK, Rineer S, **Simms-Cendan J**, **Pasarica M**. Improving Screening for Latent Tuberculosis Infection in a Student-run Free Clinic. *Cureus*. 2018 Apr 16;10(4):e2488. <https://www.ncbi.nlm.nih.gov/pubmed/29922529>
- **Cole AL**, Cosgrove Sweeney Y, Lassefer AG, Gray JM, Beavis AC, Chong CF, Hajheidari SV, Beyene A, Patton DL, **Cole AM**. Evaluation of the Pig-Tailed Macaque (*Macaca nemestrina*) as a Model of Human *Staphylococcus aureus* Nasal Carriage. *Infect Immun*. 2018 May 22;86(6). pii: e00043-18. doi: 10.1128/IAI.00043-18. Print 2018 Jun <https://www.ncbi.nlm.nih.gov/pubmed/29555678>
- **Cole AL**, Schmidt-Owens M, Beavis AC, Chong CF, Tarwater PM, Schaus J, Deichen MG, **Cole AM**. Cessation from Smoking Improves Innate Host Defense and Clearance of Experimentally Inoculated Nasal *Staphylococcus aureus*. *Infect Immun*. 2018 Mar 22;86(4). pii: e00912-17. doi: 10.1128/IAI.00912-17. Print 2018 Apr. <https://www.ncbi.nlm.nih.gov/pubmed/29311241>
- **Davidson V.L.** (2018) Coupled Electron Transfer. In: Roberts G., Watts A., *European Biophysical Societies (eds) Encyclopedia of Biophysics*. Springer, Berlin, Heidelberg, doi.org/10.1007/978-3-642-35943-9_16-1, Epub June 15
- **Davidson V.L.** (2018) Gated Electron Transfer. In: Roberts G., Watts A., *European Biophysical Societies (eds) Encyclopedia of Biophysics*. Springer, Berlin, Heidelberg, doi.org/10.1007/978-3-642-35943-9_15-1, Epub June 14.
- **Davidson V.L.** (2018) Electron Transfer Theory. In: Roberts G., Watts A., *European Biophysical Societies (eds) Encyclopedia of Biophysics*. Springer, Berlin, Heidelberg, doi.org/10.1007/978-3-642-35943-9_12-1, Epub June 19.
- **Davidson V.L.** (2018) Quinone Cofactors. In: Roberts G., Watts A., *European Biophysical Societies (eds) Encyclopedia of Biophysics*. Springer, Berlin, Heidelberg, doi.org/10.1007/978-3-642-35943-9_46-1, Epub June 13.
- Deme P, **Narasimhulu CA**, **Parthasarathy S**. Identification and evaluation of anti-inflammatory properties of aqueous components extracted from sesame (*Sesamum indicum*) oil. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2018 Jun 15;1087-1088:61-69. doi: 10.1016/j.jchromb.2018.04.029. Epub 2018 Apr 18. <https://www.ncbi.nlm.nih.gov/pubmed/29709873>
- Francklyn C, **Roy H**, Alexander R. 11th IUBMB Focused Meeting on the Aminoacyl-tRNA Synthetases: Sailing a New Sea of Complex Functions in Human Biology and Disease. *Biomolecules*. 2018 May 1;8(2). pii: E22. doi: 10.3390/biom8020022. <https://www.ncbi.nlm.nih.gov/pubmed/29723968>
- **Gorman, L., Berry, A. Dangiolo, M.** Fourth Year Medical Students Perceive High Educational Value to Innovative Geriatric Pharmacology Educational Tools Integrated into a Clerkship Elective. Presented April 2018 at the EB ASPET meeting in San Diego, CA. *The FASEB Journal* (2018) 32(1):549.1. https://www.fasebj.org/doi/10.1096/fasebj.2018.32.1_supplement.549.1
- **Gorman, L.** (Symposium Chair), **Rahman, S.** (Symposium co-Chair). ASPET National Teaching Institute Symposium. Flipping not Flopping: Active Learning strategies for graduate, healthcare, and medical pharmacology education. Workshop published in *American Society of Pharmacology and Experimental Therapeutics peer-reviewed national educational repository*. <https://www.aspet.org/aspnet/education-careers/teaching-resources>
- Green EP, Dallaghan GL, O'Hearn DJ, **Verduin ML**, Zehle CH. Establishing fair and ethical medical student promotions committees. *Med Sci Educ*, in press.
- Ha, T. and **Soulakova, J.N.** (2018). Survey Mode and Rates of Smoke-free Homes and Support for Smoking Bans Among Single Parents in the United States in 2010-11 and 2014-15. *Survey Practice 11 (2) - Journal of the American Association for Public Opinion Research*. <http://www.surveypactice.org/article/3194>
- Jaller Char JJ, Jaller JA, Waibel JS, Bhanusali DG, **Bhanusali N**. The Role of IL-17 in the Human Immune System and Its Blockage as a Treatment of Rheumatoid Arthritis, Ankylosing Spondylitis, and Psoriatic Arthritis. *J Drugs Dermatol*. 2018 May 1;17(5):539-542. <https://www.ncbi.nlm.nih.gov/pubmed/29742185>

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Publications Continued

- Je G, Guhathakurta S, Yun SP, Ko HS, **Kim YS**. A novel extended form of alpha-synuclein 3'UTR in the human brain. *Mol Brain*. 2018 May 25;11(1):29. doi: 10.1186/s13041-018-0371-x. <https://www.ncbi.nlm.nih.gov/pubmed/29801501>
- **Kay, D., Berry, A.**, Coles, N. (2018). What experiences in medical school trigger professional identity development? *Teaching and Learning in Medicine*. DOI: 10.1080/10401334.2018.1444487 <https://www.ncbi.nlm.nih.gov/pubmed/29608109>
- **Kay, D.**, Teal, C.R., Crites, G. **Berry, A.**, Hurtubise, L., Hall, E., Khalil, M.K., (2018) "Being There" – Building productive scholarly teams across distance and over time. *Journal of Regional Medical Campuses*. DOI: <https://doi.org/10.24926/jrmc.v1i2.995>
- Lawrance MF, Muthukrishnan G, Deichen J, Deichen M, Schaus J, **Cole AM**, Parkinson CL. Genetic assessment of *Staphylococcus aureus* in an underreported locality: Ambulatory care clinic. *J Infect Public Health*. 2018 Apr 28. pii: S1876-0341(18)30040-6. doi: 10.1016/j.jiph.2018.04.004. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/29716844>
- Li X, **Naser SA, Khaled A**, Hu H, Li X. When old metagenomic data meet newly sequenced genomes, a case study. *PLoS One*. 2018 Jun 14;13(6):e0198773. <https://www.ncbi.nlm.nih.gov/pubmed/29902201>
- Li Y, **Parks GD**. Relative Contribution of Cellular Complement Inhibitors CD59, CD46, and CD55 to Parainfluenza Virus 5 Inhibition of Complement-Mediated Neutralization. *Viruses*. 2018 Apr 25;10(5). pii: E219. doi: 10.3390/v10050219. <https://www.ncbi.nlm.nih.gov/pubmed/29693588>
- Lopez YN, Garufi G, **Pasarica M**, Seyhan AA. Elevated and Correlated Expressions of miR-24, miR-30d, miR-146a, and SFRP-4 in Human Abdominal Adipose Tissue Play a Role in Adiposity and Insulin Resistance. *International Journal of Endocrinology*. 2018 Mar 12;2018:7351902. <https://www.ncbi.nlm.nih.gov/pubmed/29721017>
- Naser A, Qasem A, **Naser SA**. Mycobacterial infection influences bone biomarker levels in patients with Crohn's disease. *Can J Physiol Pharmacol*. 2018 Jul;96(7):662-667. <https://www.ncbi.nlm.nih.gov/pubmed/29638140>
- Ni MW, Prather RO, Rodriguez G, Quinn R, Divo E, Fogel M, Kassab AJ, **DeCampi WM**. *Cardiovasc Eng Technol*. 2018 Jun;9(2):202-216. doi: 10.1007/s13239-018-0342-5. Epub 2018 Feb 20. <https://www.ncbi.nlm.nih.gov/pubmed/29464511>
- **Phanstiel, O IV**. An Overview of Polyamine Metabolism in Pancreatic Ductal Adenocarcinoma. *Int. J. Cancer* 2018, 142, 1968-1976. doi:10.1002/ijc.31155 <https://www.ncbi.nlm.nih.gov/pubmed/29134652>
- Qao, B., Qasem, A., Sharp, R., Abdelli, L. & **Naser, S. A.** (2018). Systematic review and meta-analysis on the association of tuberculosis in Crohn's disease patients treated with tumor necrosis factor- α inhibitors. *World Journal of Gastroenterology*. 2018, 24(25):2764-2775. <https://www.ncbi.nlm.nih.gov/pubmed/29991880>
- **Soulakova JN**, Crockett LJ. Level of Cigarette Consumption and Duration of Smoking Abstinence During Failed Quit Attempts Among Long-Term Daily Smokers: the Role of Race/Ethnicity and Cessation Aids. *J Racial Ethn Health Disparities*. 2018 Apr;5(2):293-303. doi: 10.1007/s40615-017-0370-0. Epub 2017 Apr 25. <https://www.ncbi.nlm.nih.gov/pubmed/28444627>
- **Soulakova JN**, Pham T, Owens VL, Crockett LJ. *Addict Behav*. Prevalence and factors associated with use of hookah tobacco among young adults in the U.S. 2018 Oct;85:21-25. doi: 10.1016/j.addbeh.2018.05.007. Epub 2018 May 12. <https://www.ncbi.nlm.nih.gov/pubmed/29803099>
- **Taliaferro LA**, McMorris BJ, Rider GN, Eisenberg ME. Risk and protective factors for self-harm in a population-based sample of transgender youth. *Archives of Suicide Research*, 2018; 1-19: doi: 10.1080/13811118.2018.1430639. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/29461934>
- Tejero JD, Armand NC, Finn CM, Dhume K, **Strutt TM, Chai KX, Chen LM, McKinstry KK**. Cigarette smoke extract acts directly on CD4 T cells to enhance Th1 polarization and reduce memory potential. *Cell Immunol*. 2018 Jun 18. pii: S0008-8749(18)30147-3. doi: 10.1016/j.cellimm.2018.06.005. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/29935764>

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UCF Faculty AcCOMplishments

April - June, 2018

Presentations

- Dr. William DeCampi
 - Delivered “TEC Talk” (a variant of the TED Talk) at the annual conference of the American Society of Thermal and Fluid Engineers in Fort Lauderdale. The title was “Can Engineers Cure Congenital Heart Disease?” In the talk, he focuses on the mechanical aspects of embryological development and futuristically proposes that engineers and biomedical scientists collaboratively may be able to alter organ (including heart) formation. The talk can be viewed at www.astfe-tectalk.com.
- Shalu Gillum
 - “The Personal Librarian Program: Transforming Our Relationship with Our Medical Students.” Presentation at the Medical Library Association annual meeting in Atlanta, Georgia, May 21, 2018. Gillum S, Williams N, Herring P, Walton D, Dexter N.
 - “Second Career Librarians: Transforming Previous Career Experiences into Librarianship Gold! Tips from first hand and leadership perspectives.” Panel discussion with Sharon Bailey, Tamara M. Nelson, J. Michael Lindsay, Helen-Ann Epstein; moderated by Jessica Decaro. Medical Library Association annual meeting in Atlanta, Georgia, May 21, 2018.
 - “Why You Should be a Library Leadership Superhero.” Presentation at the Florida Library Association annual meeting, Orlando, Florida, May 25, 2018.
- Dr. Almari Ginory
 - Presented 2 workshops and 1 poster at the American Psychiatric Association Annual Meeting. One workshop called “Evaluation and Treatment of LGBTQ+ Patients” was featured in the Psych Congress Network.
- Dr. Adam Golden
 - Stakeholder Workshop on Anticoagulation Use for Primary Prevention of Stroke in Patients with Atrial Fibrillation, Agency for Healthcare Research (AHRQ) & Quality and Patient Centered Outcomes Research Institute (PCORI), Washington, DC, April 24, 2018.
- Dr. Laurel Gorman
 - Aligning Intrinsic and extrinsic motivators to support faculty using active learning methods. Focus group workshop to be presented at the June 2018 IAMSE meeting in Las Vegas NV. Gorman, L., Bailey, M., Pasarica, M
 - Integration of Innovative Geriatric Pharmacotherapy Educational Tools into Fourth Year Elective Improves Geriatric Prescribing Knowledge and Competency. To be presented as a poster at the June 2018 IAMSE meeting in Las Vegas NV. Gorman, L., Berry, A., Dangiolo, M.
 - Multi-institutional multidisciplinary collaborative “Time for Active Learning TBL” conducted April 2018 in San Diego, CA.
 - “Successful Active Learning techniques for teaching pharmacology” for the National American Society of Pharmacology and Experimental Therapeutics Teaching Symposium presented April 2018 in San Diego, CA.
 - Using a Spiral Curriculum to evaluate the integration of UME analgesic pharmacotherapy education across the continuum. Presented as a poster at the June 2018 IAMSE meeting in Las Vegas NV. Capers, J., Gorman, L.
- Dr. Denise Kay
 - Student’s perception of the physician role in patient’s behavior change (June 2018). An oral presentation at International Association of Medical Science Educators, Las Vegas, NV. Kay D, Pasarica M, Cameron R.

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April - June, 2018

Presentations Continued

- An innovative method for teaching advanced clinical skills in lifestyle medicine (June 2018). An oral presentation at International Association of Medical Science Educators, Las Vegas, NV. Pasarica M, Kay D, Cameron R.
- An introductory guide for introducing Lifestyle Medicine in Undergraduate Medical Curriculum (June 2018). A workshop presented at International Association of Medical Science Educators, Las Vegas, NV. Pasarica M. Kay, D.
- An innovative active method for teaching behavior change for health and wellness in undergraduate medical education (June 2018). A poster presented at International Association of Medical Science Educators, Las Vegas, NV. Pasarica M, Kay D, Cameron R.
- Impacting medical student perception of patient's ability to achieve lifestyle related treatment goals (June 2018). A poster presented at International Association of Medical Science Educators, Las Vegas, NV. Kay D, Pasarica M, Cameron R.
- Synergizing Teaching and Scholarship (April 2018). Symposium presented at the Experimental Biology Conference, San Diego, CA. Harris D. Kay D. Dobson J. Everett D
- Dr. Martin Klapheke
 - Television interview "The Shortage of Psychiatrists in the U.S. and in Florida", to anchor Jamie Holmes, Channel 9 TV, Orlando, FL.
 - Radio interview, "New UCF/HCA Orlando Psychiatry Program and the Shortage of Psychiatrists," to Danielle Prieur, Orlando radio station; broadcast on WMFE Public Radio.
 - Newspaper interview, "Shortage of Psychiatrists, and the New UCF/HCA Orlando Psychiatry Residency Program", to Naseem Miller, Orlando Sentinel.
 - Clinical Applications of Psychopharmacology, UCF Department of Psychology, Orlando, FL, 4-18-18.
 - Bootcamp for ADMSEP Task Force Chairs, ADMSEP (Association of Directors of Medical Student Education in Psychiatry) Annual Meeting, Minneapolis, MN, June 14, 2018.
 - Teaching and Assessing Entrustable Professional Activities, ADMSEP (Association of Directors of Medical Student Education in Psychiatry) Annual Meeting, Minneapolis, MN, June 16, 2018.
 - Teaching and Assessing Entrustable Professional Activities, ADMSEP (Association of Directors of Medical Student Education in Psychiatry) Annual Meeting, Minneapolis, MN, June 16, 2018.
- Dr. Saleh Naser
 - Pathophysiology of rheumatoid arthritis is associated with polymorphisms in Protein Tyrosine Phosphatase Non-receptor type 2 and 22 (PTPN2/22) and susceptibility to Mycobacteria. American Association of Immunologists May 2018. Austin, TX – Poster. Abstract published in Journal of Immunology (2018): 166-12
 - Role of TNF α antagonists in survival of Mycobacterium avium subspecies paratuberculosis in association with genetic polymorphisms in Crohn's disease. UCF 15th Annual Graduate Research Forum, April 2018 – Poster. Abstract published in Journal of Immunology (2018): 45-14.
- Dr. Magdalena Pasarica
 - Florida Academy Physicians Spring Forum – Risk management strategies and overdose resuscitation. CME activity – May 5, 2018, Orlando, FL.
 - Assessing Undergraduate Medical Education Competencies in Obesity Medicine: Observed Structured Clinical Encounter– International Association of Medical Science Educators - June 9-12, 2018, Las Vegas, NV. Pasarica M, Kay D

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Presentations Continued

- Improving Learner Engagement and Discourse: An innovative use of an online discussion activity – International Association of Medical Science Educators - June 9-12, 2018, Las Vegas, NV. Pasarica M, Bailey M
- Launching a journal as a catalyst for increasing student publication record – International Association of Medical Science Educators - June 9-12, 2018, Las Vegas, NV. Bailey M, Pasarica M, Cendan J
- An innovative method for teaching advanced clinical skills in lifestyle medicine – International Association of Medical Science Educators - June 9-12, 2018, Las Vegas, NV. Pasarica M, Kay D, Cameron R*
- An innovative active method for teaching behavior change for health and wellness in undergraduate medical education – International Association of Medical Science Educators - June 9-12, 2018, Las Vegas, NV. Pasarica M, Kay D, Cameron R*
- Student's perception of the physician role in patient's behavior change – International Association of Medical Science Educators - June 9-12, 2018, Las Vegas, NV. Kay D, Pasarica M, Cameron R
- Impacting medical student perception of patient's ability to achieve lifestyle related treatment goals – International Association of Medical Science Educators - June 9-12, 2018, Las Vegas, NV. Kay D, Pasarica M, Cameron R*
- An introductory guide for introducing lifestyle medicine in undergraduate medical curriculum – International Association of Medical Science Educators - June 9, 2018, Las Vegas, NV. Pasarica M, Kay D
- "A culture of personal wellness: A path to maintaining sustainable productivity without burnout." Impact: Undergraduate Lead Scholar receive education to avoid burnout. Student Lead Scholar Program.
- Dr. Otto Phanstiel
 - Investigation of Polyamine Metabolism and Homeostasis in Pancreatic Cancers, UCF Showcase of Undergraduate Research Excellence, Orlando FL 4/5/2018. Jenna Thomas, Chelsea Massaro, and Otto Phanstiel IV
- Dr. Julia Soulakova
 - 2018 Research Week Kickoff at the University of Central Florida, Analysis of National Surveys Using SAS, Ha, T. and Soulakova, J.N., Orlando, FL, April 2018
 - Mai, Y., & Soulakova, J. N. (2018, April). *Smoking Policy and Support for Smoking Cessation at Workplace: National Trends from 2010-11 to 2014-15*. Poster presented at the UCF 2018 Annual Research Week Kickoff - Tales from the Pegasus' Side, Orlando, Florida
 - 2018 Research Week Kickoff at the University of Central Florida, On Mediation Analysis of National Survey Data, Pham, T. and Soulakova, J.N., Orlando, FL, April 2018
 - 2018 Showcase of Undergraduate Research at the University of Central Florida, *Sociodemographic Factors Associated with Ever-Use of Hookah Among Young Adults in the U.S.*, Victoria Owens, Thanh Pham, and Julia N. Soulakova, Orlando, FL, April 2018.
 - University of Central Florida 2018 Office of Research and Commercialization NIH Month, NIH Funding: What Worked and What did not Work, Soulakova, J.N. (one of 5 presenters and panel discussants), Orlando, FL, April 2018
- Dr. Lindsay Taliaferro
 - Qualitative investigation of the role of non-suicidal self-injury in adolescent suicide attempts. American Association of Suicidology Annual Conference. Washington, DC, April 2018. Aguinaldo L, Taliaferro L, O'Brien K.

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Presentations Continued

- Adult and friend connections and non-suicidal self-injury among adolescents: mediating role of developmental assets. Society for Research on Adolescence Biennial Meeting. Minneapolis, Minnesota, April 2018. Taliaferro L, Muehlenkamp J, Westers N, Whitlock J, Jang ST, McMorris B
- Factors associated with self-injurious behavior among transgender/gender non-conforming adolescents: a population-based sample. International Society for the Study of Self-Injury Annual Meeting. Brussels, Belgium, June 2018. Taliaferro L, McMorris B, Rider GN, Eisenberg M.
- Dr. Daniel Topping
 - “A Clinically Oriented Approach to Anatomy Instruction in Biomedical Engineering Education Utilizing Cadavers – a Collaborative Approach” Abstract accepted for poster presentation at Experimental Biology Annual Meeting, San Diego, CA. April 21-24, 2018. Topping, DB, Kassab, AJ, Mohtashem S.
 - “Multi-Modal Gross Anatomy Education: Translating Knowledge to the Clinic” Abstract accepted for poster presentation at American Association of Clinical Anatomists Annual Meeting, Atlanta, GA July 9-12, 2018. Topping, DB, Smith A
- Dr. Marcia Verduin
 - “How to Get Promoted: Putting Together Powerful Promotion Portfolios,” American Psychiatric Association Annual Meeting, New York, New York, May 8, 2018.

Awards, Recognition, and Service

- Dr. Cristina Fernandez-Valle
 - Received a NIH Grant for \$3,096,432 with CoPI Dr. Julia Soulakova for co-targeting FAK and PI3K for NF2 Schwannomas.
 - Awarded by the Florida Department of Health for Synergistic PI3K combinatorial targeting for NF2 Schwannomas
- Dr. Adam Golden
 - Agency for Healthcare Research and Quality (AHRQ), Evidence-Based Review Selection Committee 2018, Rockville, MD, May 11, 2018.
- Dr. Laurel Gorman
 - Granted fellowship status in the Academy of Pharmacology of Educators (“FAPE”) in designation of highest level of accomplishments in pharmacology education and educational scholarship.
 - Elected Chair of the national American Society of Pharmacology and Experimental Therapeutics Division of Educators beginning June 1, 2018.
 - International Association of Medical School Educators 22nd Annual Meeting Best Abstract and Poster Presentation Award: Capers, J. & Gorman, L. Using a Spiral Curriculum to evaluate the integration of UME analgesic pharmacotherapy education across the continuum. Medical Ed faculty sponsored FIRE research study
- Dr. David Harris
 - Received the IAMSE Early Career Award for Excellence in Teaching and Innovation.
- Dr. Mollie Jewett
 - Received a competing renewal of \$2.2M NIH RO1 grant for determination of the genetic basis for B. burgdorferi mammalian infectivity. This includes collaborators Justine Tigno-Aranjuez and Shibu Yooseph.

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Awards, Recognition, and Service Continued

- Dr. Jonathan Kibble
 - Awarded the APS Arthur C. Guyton Award at the Experimental Biology Meeting.
- Dr. Magdalena Pasarica
 - Received the University Excellence in Graduate Teaching Award from the University of Central Florida.
 - Received the Excellence in Graduate Teaching Award from the University of Central Florida College of Medicine.
 - Awarded a \$3,500 grant by the MetabolLogix LLC for an Obesity Management training program for health professionals: using active learning techniques to improve patient outcome.
 - Awarded a \$10,000 internal grant from the Department of Medical Education at UCF for Validation of an Assessment Tool Kit for a Lifestyle Medicine Observed Structured Clinical Skills Encounter.
- Dr. Otto Phanstiel
 - Awarded a grant for \$815,283 from the Bankhead Coley Research Program, Florida Department of Health for Developing Polyamine Transport Inhibitors for the Treatment of Human Cancers.
 - Awarded a grant for \$12,000 from the Snyder Robinson Foundation for Development of Spermine Prodrugs 1.
 - Awarded a grant for \$10,000 from the Greenwood Genetic Center for Development of Spermine Prodrugs 2.
- Dr. Kyle Rohde
 - Received a 2-year NIH R21 Multiple PI (MPI) grant with Dr. Steve Suheck at the University of Toledo with total costs totaling \$422,950 titled "Synthesis of natural product scaffold selectively active against dormant Mycobacterium tuberculosis."
- Dr. Julia Soulakova
 - Received NIH Grant for \$3,096,432 with PI Dr. Cristina Fernandez-Valle for co-targeting FAK and PI3K for NF2 Schwannomas.
 - Awarded a Diversity Track Fellowship at the 2018 Summer Faculty Development Conference – UCF May 2018.
- Dr. Daniel Topping
 - Elected Medical Education/Clinical Sciences/Internal Medicine Representative to the Faculty Senate.
- Dr. Yoon-Seong Kim
 - Awarded a grant based upon a study developing aptamer-based blood-brain-barrier (BBB) penetration for the therapeutic application of neurologic conditions.