
University of Central Florida

College of Medicine

AcCOMplishments



Oct - March 2020/21 Edition

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Welcome to this edition of UCF College of Medicine's Faculty AcCOMplishments! This newsletter is designed to highlight our faculty's hard work and dedication to the medical field and the value it adds to our university and community. In addition to highlighting these endeavors, the content also acts as a resource for research collaborations and interests among fellow faculty members. Take a few moments to discover the amazing contributions that our faculty have accomplished.

FEATURED ARTICLE



***David Harris, PhD
Associate Professor of
Physiology
Module Director for
Structure & Function***

Dr. David Harris, UCF COM Associate Professor of Physiology and Module Director for Structure & Function, was recently elected by his peers to serve on the Board of Directors for the International Association of Medical Science Educators (IAMSE) beginning 2021. The mission of IAMSE is to advance health profession education through teacher development and to ensure that the teaching and learning of medical science continues to be firmly grounded in foundational sciences and the best practices of teaching.

According to IAMSE bylaws, nominations for the four open positions of directors for the Board of Directors were sought from and then voted upon by the IAMSE membership. Four candidates were elected and their three-year terms will commence immediately upon the close of the upcoming annual meeting on June 17, 2021. Dr. Harris will be helping IAMSE achieve their mission by providing his expertise as part of an ongoing multidisciplinary, interprofessional and cross-cultural forum to discuss issues affecting medical science education and educators. He will serve as an expert in his field and as a voice for UCF COM.

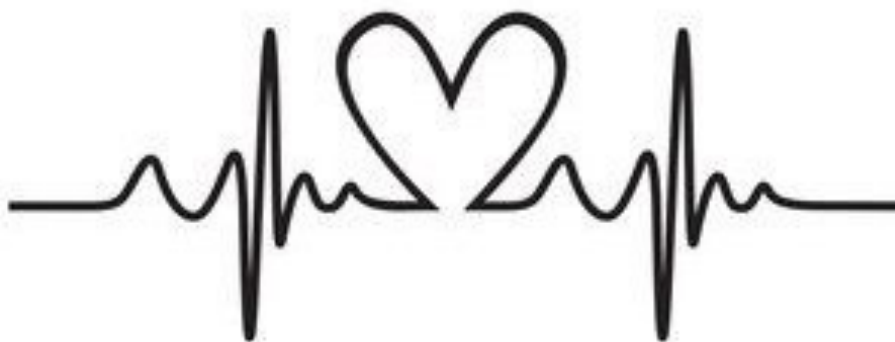
Dr. Harris has been with the UCF College of Medicine since 2011 and is well-known for his continuous service efforts within medical education research. He has been recognized for his outstanding mentorship at the college level for his contributions to the FIRE module and nationally for

his teaching excellence. This includes the Early Career Award Excellence in Teaching and Learning Award from IAMSE in 2018, the UCF COM Innovative Teaching Award, UCF Teaching Incentive Award, and the Teaching Career Enhancement Award from the American Physiological Society Awards Committee and APS Council. He was also selected as Dean's Scholar as part of his participation in the Dean's Leadership Enhancement Program in 2016.

Dr. Harris looks forward to the start of his service on the board, which spans over the next three years. Join us in congratulating Dr. Harris for this wonderful accomplishment!



David Harris, PhD, receives the Early Career Award for Excellence in Teaching and Innovation at the 2018 IAMSE Annual Meeting. Dr. Harris is a science lead on the Aquifer Sciences Leadership Team.



FACULTY PUBLICATIONS

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- ◆ Kong, S., Otolora Rojas, L., Ashour, A., Robinson, M., & **Bhanusali, N.** (2020). Ability and Willingness to Utilize Telemedicine Among Rheumatology Patients-a Cross Sectional Survey.
- ◆ Bhaskar, N., Otolora Rojas, L., Jehu, T., Beg, S., & **Bhanusali, N.** (2020). Curcumin: Prevalence and Perceived Efficacy in the Treatment of Rheumatoid and Psoriatic Arthritis.
- ◆ Abrams, M.P., **Daly, K.D.** and Suprun, A. (2020), Peer support expands wellness services and reduces mental health stigma. *Med Educ*, 54:1050-1051. <https://doi.org/10.1111/medu.14315>
- ◆ Abrams MP, Eckert T, **Topping D, Daly K.D.** (2020). Reflective Writing on the Cadaveric Dissection Experience: An Effective Tool to Assess the Impact of Dissection on Learning of Anatomy, Humanism, Empathy, Well-Being, and Professional Identity Formation in Medical Students. *Anat Sci Educ*. 2020 Oct 13. doi: 10.1002/ase.2025. Epub ahead of print. PMID: 33052018.
- ◆ **Gillum S, Gotschall T, Williams N.** The library may be closed, but we're still here for you: Staying connected and promoting wellness during remote work. Video presentation at the Southern Chapter of the Medical Library Association Annual Conference. 2020. Virtual.
- ◆ Wilhelm, J., Abrams, M., **Gorman, L.**, Ben-Khallouq, B., Topping, D. , Comfort, Heterosexism, and Public Policy Beliefs Regarding Sexual and Gender Minorities Identities. Poster presentation at the *AMA Virtual Symposium*. December 2020.
- ◆ Bentley, J. and **Gorman L.** Medical Student Perceptions of Integration and Effectiveness of Educational Methods used in Analgesic Pharmacology Curricula. *Accepted* for poster presentation at *ASPET Experimental Biology virtual meeting*.
- ◆ Wilhelm J., Cowan, M., **Gorman, L** Student Perceptions of Virtual Pharmacology Educational Games. *Accepted* for poster presentation at *ASPET Experimental Biology virtual meeting*. (*Won Blue Ribbon for Top Student Abstract*)
- ◆ Bentley, J. and **Gorman L.** Evaluating Educational Outcomes Across Preclinical and Clerkship Years of Medical School Analgesic and Opioid Educational Activities. Accepted for poster presentation at *IAMSE June 2021 annual meeting*.
- ◆ **Gorman, L.**, Berry, A., Dangiolo, M. Similar Educational Outcomes for Virtual vs Clinical Tracks of a Fourth Year Geriatric Pharmacotherapy Elective. Accepted for poster presentation at *IAMSE June 2021 annual meeting*.
- ◆ **Gorman, L., Daroowalla, D.** Real Patient Encounters Enhance Preclinical Pathophysiology and Pharmacology Education. Accepted for poster presentation at *IAMSE June 2021 annual meeting*.
- ◆ **Gotschall T.** A 10-day scholarly impact challenge online program. Poster Presentation at the National Institutes of Health Bibliometrics and Research Assessment Symposium 2020, Virtual.
- ◆ **Gotschall T**, Collins R, Lambert C. Librarians in Hollywood: Tips and software for creating and communicating with video. Video presentation at the Southern Chapter of the Medical Library Association Annual Conference. 2020. Virtual.
- ◆ **Kean TJ**, Walking with ease – Tissue engineering of articular cartilage. Burnett School of Biomedical Sciences Friday Seminars. Orlando, FL, February 2021

FACULTY PRESENTATIONS

- ◆ Mickle A, **Kean TJ**, Development of a SOX9 Reporter Cell for High-Throughput Chondrogenic Assessment. UCF Showcase of Undergraduate Research Excellence 2021, Virtual, March 2021.
- ◆ Lokshina A, Cruz M, **Kean TJ**, Luminescence Stabilization of Gaussia Luciferase Assay. UCF Showcase of Undergraduate Research Excellence 2021, Virtual, March 2021.
- ◆ Toro JV, Cruz M, Medam R, **Kean TJ**, Multifactorial Media Optimization via Design of Experiment Strategy Results in Increased Type 2 Collagen Expression in Cartilage Tissue. UCF Showcase of Undergraduate Research Excellence 2021, Virtual, March 2021.
- ◆ Martyniak K, Cruz M, **Kean TJ**, 3D Bioprinting an Osteochondral Implant. UCF Graduate Research Forum 2021, Virtual, March 2021.
- ◆ Medam RR, Cruz M, Lokshina A, Kinney RC, **Kean TJ**, Promoting Type II Collagen Synthesis in Tissue Engineered Human Cartilage via Media Optimization and Drug Screening. UCF College of Medicine Focused Inquiry and Research Experience Conference, Virtual, March 2021 **Student won 2nd place Faculty Choice Award
- ◆ **Klapheke M**, Kerlek A, Martin K, Russo R, Rakofsky J. “Step 1 Changing to Pass/Fail: An Opportunity to Improve Resident Recruitment and Selection?” American Association of Directors of Psychiatric Residency Training Annual Meeting, March 6, 2021, held virtually due to COVID-19.
- ◆ **Pasarica, Magdalena**
 - ◇ Practical Workshop for writing clinical case reports for publication. Society of Teaching in Family Medicine workshop series – March 22, 2021
 - ◇ A Nutrition Scientist’s Contribution to Medical Education: Perspectives of an Academic Physician Nutritionist. Texas Tech University- Faculty development Series – February 15, 2021
 - ◇ Writing clinical case reports for publication webinar. Society of Teaching in Family Medicine webinar series – January 27, 2021. <https://www.youtube.com/watch?v=qJHMwfRenjM>
 - ◇ Updates in Devices for Managing Diabetes. The University of Texas at Austin Dell Medical School - Faculty Development Series- Family Medicine Residency, January 19, 2021
 - ◇ Accomplishments in addiction education at UCF College of Medicine. Region 4 Addiction Education Partnership Summit organized by the Substance Abuse and Mental Health Services Administration, September 1, 2020
 - ◇ Devices for the Management of Diabetes – UCF Health Grand Rounds – November 20, 2020, UCF Health, Orlando, FL
 - ◇ Pharmacological Management of Obesity. Florida Academy Physicians Winter Forum – December 11, 2020, Orlando, FL

AWARDS, SERVICE & RECOGNITION

- ◆ **Ahangari, Raheleh**
Selected as Honoree for Women's History Month
- ◆ **Copik, Alicja**
Selected as Honoree for Women's History Month
- ◆ **Davey, Diane**
Listed in Stanford University article representing *The World's Top 2% Scientists*
- ◆ **Gorman, Laurel**
 - ◇ 2020: Invited keynote speaker: Gorman, L. "Maximizing engagement in online and blended pharmacology educational approaches" for the 2022 World Congress of Pharmacology in Glasgow, Scotland.
 - ◇ 2020: Invited Speaker Gorman, L. "Adapting Active Pharmacology Learning Strategies for virtual implementation" for the California Northstate Institute of Teaching and Learning Retreat October 2020.
 - ◇ 2021: Invited Speaker: Gorman, L. "Simulations and Virtual Technology to Engage Pharmacology Learners" Canadian Society of Pharmacology and Therapeutics webinar on medical education March 2021.
 - ◇ 2021: Invited Co-Chair, invited speaker: Gorman, L., Rueben, J., "Pharmacology Education: Addressing the Opioid and Substance Abuse Crisis" to be presented April 28 2021 at the Experimental Biology Meeting ASPET Educational Symposium,
- ◆ **Harris, David**
Elected to serve on the 2021 IAMSE Board of Directors starting June 17, 20221
- ◆ **Hawthorne, Alicia**
Selected as Honoree for Women's History Month
- ◆ **Hirumi, Atsusi**
Invited to present "Top 10 Ways Instructional Design and Technology May Advance Medical Education" at the IAMSE 25th Annual Meeting, *Global Perspectives on Health Sciences Education*
- ◆ **Khaled, Annette**
 - ◇ Recipient of grant: *Evaluating Chaperonin-Containing TCP1 for the Screening of Pediatric Cancers* from FDOH Live Like Bella
 - ◇ Selected as Honoree for Women's History Month
- ◆ **McKinstry, Kai**
Recipient of NIH 21 Grant: *Optimizing Functional Synergies Between Local and Systemic Memory CD4 T Cell Responses to Influenza*

AWARDS, SERVICE & RECOGNITION

◆ **Pasarica, Magdalena**

- ◇ Received a \$25,000 Extramural Grant from Florida Blue for *Improving the Health Equity and Wellness of Medically Vulnerable Persons in Downtown Orlando: Addressing Social-Determinants of Health*
- ◇ Serving as Treasurer of the Student-Run Free Clinic Faculty Advisors Association
- ◇ Chair, Collaborative for Medical Student Education, Society of Teacher in Family Medicine

◆ **Periasamy, Muthu**

Invited to present symposium session, *Skeletal Muscle Thermogenesis and Energy Balance* at ADA Scientific Sessions Meeting. June 2021.

◆ **Rohde, Kyle**

- ◇ Recipient of grant: In Vivo CRISPRi Gene Silencing in M. Abscesses by the Cystic Fibrosis Foundation
- ◇ Received NIH 21 Grant, *Optimization and Mechanistic Studies of Halogenated Phenazines and Quinolines as Anti-tuberculosis Therapeutics*

◆ **Smith, Soraya**

Appointed to 3 year term as Career Development Representative to the AAMC's Careers in Medicine Advisory Committee

◆ **Taliaferro, Lindsay**

Recipient of the Young Investigator Innovation Grant from the American Foundation for Suicide Prevention, "Positive Identity and Interpersonal Supports as Protective Factors Against Suicide Ideation for Transgender and Gender Non-Binary Young Adults"

◆ **Toklu, Hale**

Listed in Stanford University article representing *The World's Top 2% Scientists*

◆ **Verduin, Marcy**

- ◇ Reappointed to 3 year term as AAMC Group on Student Affairs (GSA) representative to the NBME Advisory Committee for Medical School Programs
- ◇ Appointed to serve on the ACGME Addiction Psychiatry Milestones 2.0 Committee