University of Cincinnati College of Medicine Office of Research
News for the week of June 24, 2019

Get to know the CoM Senior Associate Dean of Research, Melanie T. Cushion, PhD.
Want to know about the CoM Office of Research leadership? We would like to re-introduce ourselves to the college by spotlighting a member from our team throughout the next few months beginning with Melanie T. Cushion, PhD.

Dr. Cushion serves as the Senior Associate Dean for Research at the UC College of Medicine and is a Professor in the Department of Internal Medicine, Division of Infectious Diseases at UC. She has an appointment at the Cincinnati VAMC as a Research Career Scientist. Her research focuses on the fungal pathogens in the genus Pneumocystis. Fungi in this genus cause an oftentimes lethal pneumonia (PCP) in humans and other mammals with compromised immune status. PCP is not responsive to standard antifungal therapy with few treatment alternatives besides trimethoprim-sulfamethoxazole. Her laboratory focuses on pre-clinical drug development that includes discovery of potential new targets by understanding the metabolism of these obligate fungi through comparative genomics, transcriptomics, and metallomics; in silico or in vitro screening of inhibitors to identify potential new drugs; evaluation of toxicity in vitro, and eventually evaluation in rodent animal models of this fungal pneumonia. Her publications include over 100 peer-reviewed papers; over 50 chapters, reviews, editorials or letters and a book editorship. She has served on the AIDS-Associated Opportunistic Infections and Cancer study section as a member and Chair and served on several ad hoc sections. She has also served on Veterans Affairs Research Career Scientist and Merit Review study sections. She holds a patent for bisbenzamidines as therapeutic agents and conducts a service that screens potential new anti-PCP drugs. Check out her featured video.

UC Health Office of Clinical Research.
The long dormant internal Office of Clinical Research website is being updated! The site is under construction but you will see regular updates as you visit. The final goal is to provide you a full, one-stop resource for all things related to clinical research at UC Health and University of Cincinnati. Please visit the webpage and share ideas or comments with Zak Johnson.

Gallery of Awardees.
Each month, the College of Medicine publicizes those faculty who have been awarded external grants of $100,000/yr. or more in direct costs in a Gallery of Awardees. This month the Gallery of Awardees recognizes Chia-Ying J. Lin, PhD, William Sean Davidson, PhD, Sakthivel Sadayappan, PhD, MBA, Carl J. Fichtenbaum, MD, Joseph P. Broderick, MD, Jiajie Diao, PhD, Jason T. Blackard, PhD, Mark L. Baccei, PhD, David Y. Hui, PhD, Shailendra Patel, PhD, Wenhai Shao, PhD, Guo-Chang Fan, PhD, Timothy A. Fritts, MD, PhD. Please note that it may take 2-3 months before the Gallery of Awardees recognizes new awards due to the processing of data.

Content to submit? Click here: https://redcap.research.cchmc.org/surveys/?s=3CX994Y34W

**RESEARCH** - Updates to policy changes, pre and post grant information, internal opportunities from the Office of Research, landmark publications, opportunities for collaborations on multi-disciplinary grants, and other information not under purview of other electronic publications. This is not for advertising seminars, speakers, etc.

**CORES** - Notifications of new technologies in existing Cores, establishment of new Cores and instrumentation, calls for collaboration on instrumentation grants, information about Core offerings, and highlights of research facilitated by Core.

**EDUCATION** - Trainees successes/achievements and innovations and improvements in education facilities and resources related to research.

**CULTURE** - Activities or opportunities that reward, recognize, inspire collaboration, and support our research faculty, trainees, students, and staff.