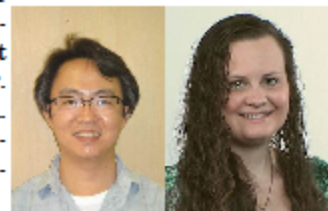


PharmTox Fights COVID-19 Week of August 17-21, 2020

COBRE Phase 2 Grant Funded



Congratulations to professors Alexei Basnakian and Nancy Rusch and assistant professors Shengyu Mu and Amanda Stolarz on contributing to the funding of a P20 COBRE Phase 2 grant titled "Center for studies of host response to cancer therapy". This grant, led by Dr. Marjan Boerma in the College of Pharmacy, is based on the hypothesis that improving cancer therapy requires a comprehensive approach that includes the management of cancer therapy-related toxicities to normal tissues. Dr. Basnakian is a leader of Core B, and co-investigator of Core A. Drs. Rusch and Mu serve as mentor and co-investigator, respectively, of Project 4 "Mechanism and prevention of doxorubicin-induced lymphedema", which is led by Dr. Amanda Stolarz.



Accepted Manuscript by Drs. Eric Peterson and Chris Bolden

Associate professor, Eric Peterson and former graduate student, Chris Bolden are authors on a manuscript that was accepted by ACS Omega. The paper includes Dr. Stephanie Byrum and co-workers Stefan Graw, Jillian Tang, Maroof Zafar and Alicia Byrd. The paper titled "proteiNorm - A: A user-friendly tool for normalization and analysis of TMT and label-free protein quantification" describes a user-friendly tool to identify an adequate normalization method and to select an appropriate method for differential expression analysis. It used data acquired from METH-treated mice in Dr. Peterson's laboratory for validation.



Department Spotlight: Dr. John Crow

Emeritus Professor John Crow has remained connected to the department primarily via a graduate student committee. However, his wife, Dr. Lee Ann MacMillan-Crow, is a professor in the department and ensures he stays in daily touch with departmental happenings. Since retiring in 2018, Dr. Crow is attempting to use his biomedical research career to launch a second career as a science writer, both for professional and lay science-type publications. He's submitted articles to Science News, Discover, and New Scientist (in the UK), and he is finding out just how difficult it is to 'get a foot in the door' at such journals. However, the main advantage of



being an older retired scientist is that publishers tend to require fewer citations, and accept that you know your subject. After learning that the Covid-19 case rate was very low at their second home in the Colorado Rockies, Dr. Crow has spent the last few weeks there doing much-needed yardwork and house maintenance, but also hiking and biking (pictured is a view of Lake Dillon from a trail above their home). A recent hobby includes serious metal detecting. Hundreds of old mining towns are scattered throughout the Rockies, and for a student of history, they provide a treasure-trove of old artifacts just waiting to be discovered (and with the price of gold at a 10-year high, finding a nugget or two would be OK too). He sends his best regards to all former colleagues and graduate students at UAMS and, like all of us, holds out hope for treatments and vaccines to end this terrible pandemic.

Health Screener Recognition

Professor Alexei Basnakian continues to volunteer on weekends as a screener at the Cancer Institute. There still are volunteer shifts left in August. [Click here](#) to see available shifts.