Microscope images showing localization of connexins and connexin mutants that cause cataracts.

This is the second annual College of Pharmacy Research and Scholarship Report, covering the academic year, July 1, 2013 – June 30, 2014. It is truly a pleasure for me to compile the research and scholarship accomplishments of the faculty and students of our College. The report includes peer reviewed publications, books, presentations at local, national and international meetings, invited seminars, and grant-funded research projects. I am certain you will be impressed with the research and scholarship output of our College.

D. Eric Walters, Ph.D.
Associate Dean for Research


Books, Book Chapters and Other Publications


Megan Hartranft. Integrating Social Media into Clinical Practice. Georgia Society of Health-System Pharmacists Fall Meeting. Young Harris, GA. October 2013.


Ann Opalka (Livorsi) and S. Schumacher. Menopause: VA SCAN-ECHO. Presented to various VA Hospitals within VISN-12 network; Madison, WI. March 2014.


Shiva Shirvanifar and Rahul Deshmukh. Relevance of Protein Binding in Age-Dependent Pharmacokinetics of Micafungin. Summer Research Poster Session, RFUMS. October, 2013.


L.J. Mast, **Ateequr Rahman**, N. Horsley, and D. Bridges. Interprofessional Study. Vice President of Research’s Office, RFUMS. $5,000.

**Kevin Rynn**, S. Kent, **Gloria Meredith**, Tina Zook, K. Hankewych, **Scott Hanes**, S. Patel, Sarah Garber. National Association of Chain Drug Stores (NACDS) Community PREP Grant. $50,000 / 3 years.
Monday, September 16, 2013
Dr. James McCormack, University of British Columbia
Baffled, Befuddled and Bemused. How We Get Fooled Into Using Treatments That Really Don’t Work That Well

Thursday, October 3, 2013
Dr. Robert Chorvat, Jenrin Discovery
Peripherally Restricted Cannabinoid-1 Receptor Blockers as Metabolic Disorder Therapeutics Devoid of CNS Liabilities, or, Why Pharmaceutical Companies Have ‘Gone to Pot’

Thursday, October 24, 2013
Dr. Guowei Fang, AbbVie
From Bench to Bedside and Back: The Discovery and Development of Cancer Therapeutics

Thursday, November 14, 2013
Dr. Arun Ghosh, Purdue University
Protein Backbone Binding - A Powerful Molecular Design Strategy to Combat Drug-Resistant HIV

Tuesday, January 7, 2014
Dr. James O’Donnell, University of Chicago
Gap Junction Protein Connexin 43 (Cx43) Exacerbates Lung Vascular Permeability

Thursday, April 24, 2014
Ronald Weinert, Vice President, Healthcare Solutions, Walgreens Co
The Pharmacist’s Role in Accountable Care

Monday, May 5, 2014
Dr. Wendy Duncan, Drake University
Designing Instruction to Foster the Development of Professionally Mature Practitioners