Top: Christopher Kaiho
Middle: Dr. Judith Potashkin, RaeAnn Hirschy
Bottom: Dr. Eric Walters, Oscar Hernandez, Amy McGlin, Najeah Ahmad

Cover: left Rita Huynh, right (foreground) Dr. Kevin Rynn, Alyssa Wenzel
The Inaugural Class of the Rosalind Franklin University of Medicine and Science's College of Pharmacy matriculated in the Fall of 2011. This is the first report summarizing the College’s research and scholarship accomplishments, covering the past academic year, July 1, 2012 - June 30, 2013.

In a very short period of time, the College has assembled an active and productive group of scholars. The accomplishments that follow include the work of many faculty and students. I am proud to catalog these accomplishments on the following pages.

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


Russell Dahl. Intracellular Calcium Handling as a Target for Major Diseases. RFUMS Department of Biochemistry and Biophysics seminar, Feb 2013.

Russell Dahl. Discovery of Clinical Candidates for HIV and Inflammation. RFUMS Department of Immunology seminar, Jan 2013.

Russell Dahl. Drug Discovery in the Ubiquitin Proteasome System. Mount Sinai School of Medicine, November 2012.


Russell Dahl. Small Molecule Modulators of Protein Conjugation and Calcium Handling Targeting Cancer and Neurodegeneration. RFUMS Department of Cellular and Molecular Pharmacology seminar, September, 2012.


Rahul Deshmukh. 5th International Symposium on DMPK, March 7-10, 2013, Mohali, India.


Rafeda Khan, Kevin Morris, and Ateequr Rahman. The Impact of an Interprofessional Care Model on Professional Practitioners and Resultant Outcomes for Senior Patients with Diabetes. RFUMS Summer Research Poster Session. October 2012.


Gloria E. Meredith, Y. Zhang, and K. Steece-Collier. Structural plasticity of medium spiny neurons: Dopamine-induced changes. Dopamine 2013 Congress, Alghero, Italy.

Gloria E. Meredith. The importance of circuit rewiring in amphetamine-associated contextual learning. Dopamine 2013 Congress, Alghero, Italy.


**Ateequr Rahman**. Methodology and Design for Scholarship of Teaching and Learning. Haim and Jane Nagirner Weinstein Symposium Series, RFUMS.

**Kevin Rynn, Sarah S. Garber, Marc S. Abel, K. Stegh, R. Allen, Janeen Winnike, Gloria E. Meredith.** An Introductory Boot Camp to Community Pharmacy Services for Non-Practicing Faculty. American Association of Colleges of Pharmacy, Annual Meeting, July 2012, Orlando, Florida.


**D. Eric Walters.** The computational chemistry toolbox. DePaul University, March, 2013.

**D. Eric Walters.** Computer aided drug design. Purdue University, April, 2013.

**Alyssa Wenzel** and **David Harrison.** Structural identification of SUMO by means of crystallization. RFUMS Summer Research Poster Session. October 2012.


K. Steece-Collier, PI. Profiles of maladaptive plasticity: impact on graft and levodopa efficacy, Gloria E. Meredith, Co-Investigator. P50 NS058830-01A1 Morris K. Udall Parkinson’s Center of Excellence. NIH/NINDS (STEECE-COLLIER, PI project 1), 8/1/09 – 07/31/14

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, October 1, 2012
Dr. Patrick Woster, Medical University of South Carolina
Small Molecule Inhibitors of the Histone Demethylase LSD1 as Epigenetic Modulators

Monday, December 3, 2012
Dr. Rahul Deshmukh, Rosalind Franklin University
Optimization of Drug-Like Properties: An Integrated Drug Discovery Approach

Monday, January 7, 2013
Dr. Iqbal Atcha, Wal-Mart
The Diamond Factor

Monday, February 25, 2013
Dr. James Surmeier, Northwestern University
Determinants of neuronal vulnerability in Parkinson’s disease: What the roadmap tells us

Monday, March 11, 2013
Dr. Tim Esbenshade, Abbott Laboratories
Drug Discovery Challenges of a GPCR Target: Development of Histamine H3 Antagonists

Monday, March 25, 2013
Dr. David Rogers, University of Tennessee
Overcoming Limitations of Antifungal Drug Therapy: From Clinical Pharmacy to Molecular Mycology

Monday, April 15, 2013
Dr. Ateequr Rahman, Rosalind Franklin University
Methodology and Design for Scholarship of Teaching and Learning

Monday, May 13, 2013
Dr. Christopher Cunningham, Concordia University Wisconsin
Opioid analgesics and chronic pain: New leads for avoiding analgesic tolerance