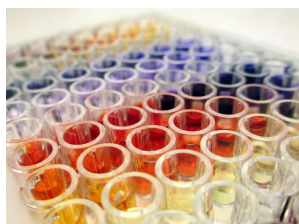




January 2018

Getting to know our faculty members

Have Research-Related News?



If you or a lab member have research-related news or awards you would like to see highlighted in the monthly newsletter, please email the details to Lindsey at lmcquade@uic.edu by the 26th of February for the next edition of the Research Newsletter!

Terry Moore & Dima Qato named UIC Rising Stars!



The [UIC Office of the Vice Chancellor for Research](#) and the [Office of Technology Management](#) announced the recipients of the 2017 UIC Researcher and Scholar of the Year awards, which recognize and celebrate the efforts and commitment of individuals who advance knowledge as well as inspire and promote continued excellence in research and

scholarship at UIC. College of Pharmacy Assistant Professors won two of the three Rising Star awards, which go to early career scholars who have demonstrated outstanding promise to become future leaders in their field.

Basic Life Sciences: [Terry Moore](#), Ph.D., Assistant Professor, Department of Medicinal Chemistry and Pharmacognosy and Department of Chemistry, College of Pharmacy.

At this still early stage of his career, Dr. Moore has earned an outstanding reputation as a highly respected, productive and skillful researcher focused on developing chemical probes that target an important, yet understudied, group of drug targets - transcription factors, which are proteins regulating gene expression. This work on developing inhibitors of protein-protein interactions, with a focus on nuclear receptor/steroid receptor coactivator interactions, has great promise as a class of drug targets for cancer therapy. In addition to his awards for teaching, Dr. Moore has received significant external funding, with one of his NIH proposals scoring in the 3rd percentile, an almost unheard of achievement. Dr. Moore's career trajectory has been exemplary, and he is well worthy of the honor of being named the 2017 UIC Rising Star Researcher of the Year Award in the field of Basic and Life Sciences.

Social Sciences: [Dima Mazen Qato](#) PharmD, Ph.D., MPH, Assistant Professor, Department of Pharmacy Systems, Outcomes and Policy, College of Pharmacy

The term 'pharmacy deserts' has been coined to identify the lack of accessibility to medication in poor and minority communities, which is particularly relevant to the current national

conversation on systematic racial and ethnic health disparities. It was the work of Dr. Qato that not only opened the discussion in both the academic and popular press on the impact of pharmacy closures in urban areas, but also identified evidence that older adults are using increasing numbers of prescription drugs, often in potentially deadly medication combinations. Dr. Qato's profound commitment to improving public health, medication safety and health disparities through her extraordinary scholarship make her particularly well positioned to be named the 2017 UIC Rising Star Researcher of the Year in the field of Social Sciences.

In honor of the recipients an awards ceremony and reception will be held on February 7, 2018, from 3:30 p.m. to 6:00 p.m. in the Michele M. Thompson Rooms of the UIC Student Center West at 828 South Wolcott Avenue. To RSVP for the award ceremony, or for more information, please go to <http://research.uic.edu/roy/rsvp>.

Jim Wang receives new R35 funding from NHLBI/NIH



BPS Professor [Zaijie \(Jim\) Wang](#) received a MIRA (R35) grant for \$4.6M over seven years. This project, entitled "Molecular mechanism and targeting of chronic pain in sickle cell disease", is to support research to advance the knowledge of the neurobiological and molecular mechanisms underlying chronic pain in sickle cell disease and develop effective pharmacological treatments. [Ying He](#) (BPS Research Assistant Professor) and [Robert Molokie](#) (Hematology and Oncology) are co-Is.

Todd Lee named Interim Head of Pharmacy Systems, Outcomes, & Policy

Professor and Associate Head for Research [Todd Lee](#) has been appointed interim head of the Department of Pharmacy Systems, Outcomes and Policy (PSOP). Todd's research focuses on patient outcomes from the use of medications with interest in both safety and costs and the intersection of the two disciplines. He has conducted both observational and interventional research across a variety of therapeutic areas including COPD, asthma, diabetes, cancer, and mental illness with particular interest in understanding the impact of the co-occurrence of multiple chronic conditions. Welcome Todd to this new position!



Congratulations on new research funding!



Our faculty continue to succeed in competing for research funding!

[Greg Calip](#) (top left along with Co-Is [Edith Nutescu](#) (top middle and [Glen Schumock](#) (top right), received an R21 grant from the NIH/NHLBI for their project "Risk of Venous Thromboembolism Following Diagnosis and Treatment of Multiple Myeloma : differences by race".

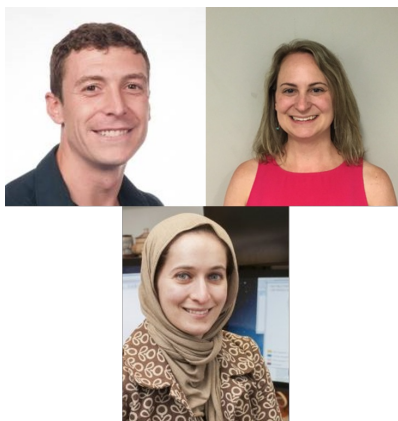
[Joanna Burdette](#) (bottom left) received a subaward from the NIH via Northwestern University (Teresa Woodruff) for her project "PCOS and Androgen-Related Disease Modeling and Drug Testing in Multi-Organ Integrated Microfluidic Reproductive Platform".

[Shura Mankin](#) (bottom middle) and co-PI [Yury Polikanov](#) (Biological Sciences) received an R21 grant from the NIH/NIAID for their project "Structural Basis of Erm-Mediated macrolide Resistance".

[Sang Hyun Cho](#) (bottom right) received a grant from Konkuk University for his project "In Vitro screening of cyclic peptides which targeting mycobacterial ClpC1".

View the full [funding news](#).

Faculty in the News



Research by MCP Associate Professor [Brian Murphy](#) (top left) is part of the [UK Science Museum](#) exhibit "Superbugs: The Fight for Our Lives"? See Brian at work in the [video](#) that is part of the exhibit.

The [Nature Communications](#) article "A microfluidic culture model of the human reproductive tract and 28-day menstrual cycle", co-authored by MCP Professor and ADR [Joanna Burdette](#) (top right), was highlighted by the National Institute of Environmental Health & Science as one of the [2017 Papers of the Year](#) funded by the NIEHS. Read the full journal article [here](#).

PSOP Assistant Professor [Dima Qato's](#) (bottom middle) work on Pharmacy Deserts was featured on the front page of the January 22 Edition of the [Chicago Tribune](#). Read the full article [here](#). She was also interviewed both on WTTW's [Chicago Tonight](#) and on WBEZ's [Morning Shift](#) to discuss her research on the availability of pharmacies in Chicago across different communities. Watch the videos of each segment [here](#) and [here](#). Dima's work on Pharmacy Desserts is part of her research as a 2017-2018 Robert Wood Johnson Foundation Clinical Scholar.

Spotlight on our Trainees

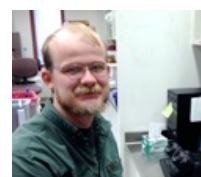
Taha Taha earns Predoctoral Fellowship from PhRMA



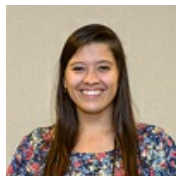
MCP PharmD/PhD student Taha Taha (right, [Petukhov lab](#)) earned a [Predoctoral Fellowship in Pharmacology/Toxicology](#) from the Pharmaceutical Research and Manufacturers of America ([PhRMA](#)) Foundation for this project "Histone deacetylase target engagement as a tool to individualize epigenetics-based therapeutics and decipher their clinical efficacy and toxicity".

Matthew Dean receives Grant from OCRFA

MCP postdoctoral fellow Matthew Dean ([Burdette lab](#)) received a grant from the Ovarian Cancer Research Fund Alliance ([OCRFA](#)) for his project "The Ovarian Microenvironment in Metastasis of Fallopian Tube Derived Cancer".



Alanna Condren wins Travel Award from ACS



MCP student Alanna Condren ([Sanchez lab](#)) received an American Chemical Society ([ACS](#)) Student Exchange Award to attend an ACS meeting. This award is given to students from the Society for Advancement of Chicanos/Hispanics and Native Americans in Science ([SACNAS](#)) who won an award in Chemistry and were selected by SACNAS members. Alanna won Best Oral Presentation Award at the SACNAS National Diversity in STEM Conference last year.

More Research News

Research Day is almost here!
Friday, February 9, 2018



We received 85 abstracts for the 9th Annual College of Pharmacy [Research Day](#)! This year's keynote speaker is [Dr. Steven D. Pearson](#), MD, MSc, the Founder and President of the Institute for Clinical and Economic Review (ICER), an independent non-profit organization that evaluates evidence on the value of medical tests, treatments, and delivery system innovations to encourage collaborative efforts to improve patient care and control costs. Dr. Pearson is a Lecturer in the Department of Population Medicine at Harvard Medical School and also serves as Visiting Scientist in the Department of Bioethics at the National Institutes of Health. His published work includes over 100 articles on quality of care, comparative effectiveness research, the role of evidence-based medicine within the health care system, and related clinical, ethical, and organizational policy challenges. His

book, *No Margin, No Mission: Health Care Organizations and the Quest for Ethical Excellence*, was published by Oxford University Press. Schedule and instructions for presenters can be found on the Research Day [website](#).

Important Dates/Upcoming Events

[ASPET Summer Undergraduate Research Fellowship \(SURF\)](#)

Thursday, 02/01/2018 (application deadline)

[Northwestern Cancer Epigenetic and Nuclear Dynamics Minisymposium](#)

Wednesday, 02/07/2018

Robert H. Lurie Medical Research Center, Baldwin Auditorium

[College of Pharmacy Research Day](#)

Friday, 02/09/2018

College of Pharmacy, multiple rooms

[Responsible Conduct of Research Workshop Seminar - Ethics in Grant Review](#)

Monday, 02/12/2018

Room 307C, AOB

[SPH Office of Research Grantsmanship Workshops - Strategies for Building Your Research Network](#)

Monday, 02/12/2018

Room 132 SPH-PI

[UI Cancer Center Breast Cancer Research Group Symposium](#)

02/15/2018

1020 COMRB (Moss Auditorium)

[CBC Catalyst Award](#)

Monday, 02/19/2018 - Friday, 02/23/2018 (application window)

[Riback PharmD Summer Research Fellowship](#)

Monday, 03/05/2018 (LOI deadline)

Monday, 03/19/2018 (application deadline)

[SPH Office of Research Grantsmanship Workshops - What you need to know about data security and protecting your research data](#)

Thursday, 03/15/2018

Room 132 SPH-PI

[MIKI Annual Meeting](#)

Friday, 04/06/2018 - Sunday, 04/08/2018

College of Pharmacy

[AACR Annual Meeting](#)

Saturday, 04/14/2018 - Wednesday, 04/18/2018

McCormick Place

[7th Annual Clinical Cancer Genetics and Genomics Conference](#)

Friday, 04/20/2018 - Saturday, 04/21/2018

The Gwen, a Luxury Collection Hotel, Chicago

[ASPET Experimental Biology Meeting](#)

Saturday, 04/21/2018 - Wednesday, 04/25/2018

San Diego, CA

[View All College of Pharmacy Events](#)

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