



August/September 2017

Getting to know our faculty members

Simon Pickard named new Director of Graduate Education



[Simon Pickard](#) has been appointed as the new Director of Graduate Education (DGE). Dr. Pickard's research focuses on informing decision making in health care, the evaluation of health outcomes, and pharmacy-related policy issues. As DGE, he will work closely with the [Associate Dean for Research and Graduate Education](#) to coordinate and oversee the college Masters and PhD programs, as well as the clinical fellows and postdoctoral research associates. He will also work closely with our departmental Directors of Graduate Studies to ensure the optimum graduate experience for our students. Welcome Simon!

Congratulations on new research funding!



Our faculty continue to succeed in competing for research funding!

[Terry Moore](#) (top left), PI [Sekhar Reddy](#) (Pediatrics), and co-Is [Yuru Liu](#) (Pharmacology) and [Narsa Machireddy](#) (Pediatrics) received R01 funding from the NIH/NHLBI for their project "Role of Nrf2 in Alveolar Epithelial Cell Regeneration During Lung Repair."

[Glen Schumock](#) (second from top left) and co-I [Stephanie Crawford](#) (top middle) secured a grant from the [Gordon & Betty Moore Foundation](#) for their project "Medication Safety Systems in the Community: the Role of Pharmacists White Paper."

[Young Jeong](#) (second from top right) earned a 5 year R01 grant from the NIH/NICHD for her project "Molecular Basis of Altered Drug Metabolism During Pregnancy".

[Guido Pauli](#) (top right) along with PI [Ana Karina Bedran-Russo](#) (Dentistry) and co-I [Shaonong Chen](#) (bottom left) received R56 funding from the NIH for their project "Biomodification of Dentin Matrix Structure".

[Dima Qato](#) (second from bottom left) was named a 2017-2018 [Robert Wood Johnson Foundation Clinical Scholar](#) for her work to improve access to prescription drugs for residents living in pharmacy desert communities on Chicago's West and South Sides that have been affected by pharmacy closures.

[Simon Pickard](#) (bottom middle) received funding from the EuroQol group for his project "Scoring Methods for the EQ-5D instrument: theoretical background and empirical analyses".

[Greg Thatcher](#) (second from bottom right), co-I [Yueting Wang](#) (bottom right, UICentre) and MPI [Mary LaDu](#) (Anatomy and Cell Biology) earned an R01 grant from the NIH/NIA for their project "Estrogen therapy and APOE4 risk in Alzheimer's tested in female EFAD mice".

View the full [funding news](#).

Faculty Awards & Honors



[Dima Qato](#) (left) will be the recipient of the American Society of Health-System Pharmacists ([ASHP](#)) Foundation's 2017 [Drug Therapy Research Literature Award](#) for her article entitled, "Changes in Prescription and Over-the-Counter Medication and Dietary Supplement Use Among Older Adults in the United States, 2005 vs 2011". The award recognizes outstanding original contributions to the peer-reviewed, primary, biomedical literature that address the therapeutic uses of medications. Read the award winning article [here](#).

[Richard van Breemen](#) (middle) won the American Society of Pharmacognosy ([ASP](#)) 2017 [Varro E. Tyler Prize](#), which is "to recognize an individual who has made outstanding scientific contributions to the broad field of dietary supplements, with special emphasis on botanicals. The contributions should be in an area of phytochemistry, pharmacognosy, or pharmacology. Notable contributions to botanical studies outside these primary areas of emphasis, including, for example, clinical investigations, may also be eligible for consideration."

[Edith Nutescu](#) (right) has been appointed as Scientific Editor of Pharmacotherapy. [Pharmacotherapy: The Journal of Pharmacology and Drug Therapy](#) is the official journal of the American College of Clinical Pharmacy ([ACCP](#)). The Scientific Editors comprise a small core group of nationally recognized scientists, clinicians, and researchers committed to helping Pharmacotherapy exert a positive influence on patient drug therapy, contribute to drug therapy knowledge, and produce a scientific publication of the highest scientific rigor and quality. Dr. Nutescu will commence her appointment as scientific editor on October 1, 2017.

Faculty in the News



A new study published in the journal [Nature Structural & Molecular Biology](#) from the lab of [Shura Mankin](#) and [Nora Vazquez-Laslop](#) was highlighted in a UIC News [article](#). The paper explains how a derivative of the antibiotic apidaecin - Api137 - can block the production of proteins in potentially harmful bacteria by inhibiting translation termination. Api137 is the first known inhibitor of translation termination, and does so by binding to the ribosome and trapping release factor (RF) RF1 or RF2 subsequent to the release of the nascent polypeptide chain. Api137 is a natural product produced by bees, wasps or hornets.

Read the full article [here](#).

Spotlight on our Trainees

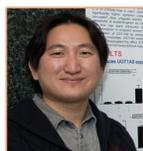
Shan Xing earns F31 NRSA Fellowship



Shan Xing ([Schumock lab](#)) was awarded an F31 Predoctoral Individual National Research Service Award from the NIH/NIMH for her dissertation "Second Generation Antipsychotics on Diabetes Outcomes in Major Depression".

Sungjoon Cho receives Poster of Distinction Honor

BPS student Sungjoon Cho ([Jeong/Lee labs](#)) received the Presidential Poster of Distinction from the American Association for the Study of Liver Disease ([AASLD](#)). Sungjoon's poster, entitled "Commensal gut microbiota modulates susceptibility to acetaminophen-induced hepatotoxicity", will be presented at the 2017 Liver Meeting held in Washington D.C., October 20-24, 2017. Posters of Distinction are classified as being in the top 10% of scored poster abstracts and receive special recognition in the Poster Hall.



*Presidential Poster
of Distinction*



Murphy Lab Undergrads win CURA Fellowships



Undergraduate students in the [Murphy lab](#) Antonio Hernandez (pictured) and Eden Gebre (no photo) each received a UIC Chancellor's Undergraduate Research Award ([CURA](#)). The CURA program supports research collaborations involving undergraduate work study students at no cost to faculty or their departments.

Pharmacy Graduate Students to Present at GEMS Research Symposium



BPS Student Yilun Sun (top left, [Nitiss lab](#)), MCP student Katherine Zink (top right, [Sanchez lab](#)), and medical students Artemis Gogos (bottom left, MSTP, [Federle lab](#)) and Kayleigh Tovar (bottom right, Microbiology & Immunology, [Federle lab](#)) are all speaking at the [2nd Annual GEMS Research Symposium](#) on September 29. Their talks are as follows:

Yilun: "A SUMO-ubiquitin mediated proteasome pathway in repair of DNA damage induced by topoisomerase II inhibitors"

Katherine: "Imaging mass spectrometry reveals chemotaxis that influences the initiation of high-grade serous ovarian cancer in a murine model"

Artemis: "A quorum-sensing regulated protein enhances resistance to host factors by *S. pyogenes* via alteration of the bacterial cell surface"

Kayleigh: "Elucidating Rgg-mediated quorum sensing networks in *Streptococcus pneumoniae* and testing their contributions in pathogenesis"

More Research News

Save the Date!

Research Day is Friday, February 9, 2018



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. Tentative schedule and more information can be found

on the Research Day [website](#).

CoP Hosts Third Annual Mini Symposium for Summer Research Students



On August 4, 2017, the [ASPET SURF](#) (top) and [Riback](#) (bottom) Fellows presented their research during the 3rd Annual Research Mini Symposium. Six other summer researchers also participated in

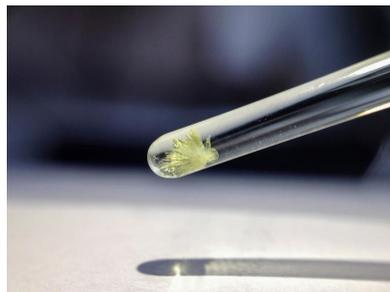
the event this year. A group of volunteer judges made up of graduate students, postdocs, and fellows selected winners in each main category:

- Sarah Colón ([Mankin/Vazquez-Laslop lab](#)), top SURF presenter
- Zhaoju (Daisy) Wu ([Calip lab](#)), top Riback presenter
- Zamia Siddiqui ([Moore lab](#)), top presenter overall in session 1
- Ali Rahman ([Mankin/Vazquez-Laslop lab](#)), top presenter overall in session 2

Photos from the event can be found [here](#)

Image Competition Open

The [7th Annual Images of Research Competition](#) is open! This competition offers COP trainees the opportunity to submit digital images created over the course of their research and is open to any student enrolled in one of the COP programs or postdoc currently working in the College. Image submission is open until 10/13, and voting will take place from 10/16 - 11/06. First prize is a \$150 Amazon gift card, so [submit](#) for your chance to win today!



Important Dates/Upcoming Events

[7th Annual Image Competition](#)

09/08 - 10/13/2017 (Image Submission)

10/16 - 11/06/2017 (Voting Period)

[UICentre Drug Discovery Workshop](#)

Friday, 10/06/2017 @ 9:30 am

MBRB Auditorium, Rm 1017

[Responsible Conduct of Research Workshop Seminar - Topic TBD](#)

Wednesday, 10/11/2017 @ 12:00 pm

AOB, Room 307C

[3rd Annual Transplant Pathology Symposium](#)

Monday, 10/13/2017 @ 9:00 am

Moss Auditorium

[POZEN Plaza Dedication](#)

Friday, 10/13 @ 3:00 pm

POZEN Plaza

[Precision Health Forum](#)

Wednesday, 11/08/2017 & Thursday, 11/09/2017

Student Center West

[15th Annual CBC Symposium "Small Molecule Discovery"](#)

Friday, 11/17/2017 @ 9:00 am

UIC Forum, 725 W Roosevelt

[College of Pharmacy Research Day](#)

Friday, 02/09/2018

College of Pharmacy, multiple rooms

[AACR Annual Meeting](#)

Saturday, 04/14 - Wednesday, 04/18

McCormick Place

[View All College of Pharmacy Events](#)

*Office of the Associate Dean for Research
and Graduate Education*

Joanna E. Burdette, PhD, Associate Dean for Research and Graduate
Education

John L. Nitiss, PhD, Assistant Dean For Research

A. Simon Pickard, PhD, Director of Graduate Education

Lindsey E. McQuade, PhD, Director, Research & Graduate Resources

UIC College of Pharmacy | 312-355-0943 | copresearch@uic.edu | pharmacy.uic.edu/research
833 S. Wood Street (MC 874)
Chicago, IL 60612