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Dear colleagues,

I hope you are enjoying your summer so far. The Department of Pharmacy Practice and Science (PPS) continues to be productive and forward thinking while also enjoying the warm weather and longer days. In June, I was proud to witness two teams of faculty from PPS compete in the School's first ever Shark Tank competition, which focused on innovative products, programs, and initiatives conceptualized by School faculty. The team of Kimberly Claeys, PharmD, assistant professor; Emily Heil, PharmD, assistant professor, and Neha Sheth Pandit, PharmD, associate professor and PPS's vice chair for research and scholarship, gave a fantastic presentation on their proposal to develop novel, engaging training tools for students studying the spectrum of antimicrobial activity and antimicrobial stewardship using an interactive app-based platform. As the winning team from PPS, Drs. Claeys, Heil, and Sheth Pandit received funding to turn their idea into a reality. I look forward to sharing more with you as they develop their app.



Faculty in PPS amaze me every day with their commitment to improving the educational experience for our students and outcomes for their patients. They are following in the footsteps of the School of Pharmacy's Founding Pharmapreneurs honored at a special dinner on May 10 by innovating, creating, and improving tools, products, and programs for the benefit of students and patients.

Sincerely,

[Jill A. Morgan, PharmD, BCPS, BCPPS](#)
Associate Professor and Chair

School Partners with UM Quality Care Network to Expand Pharmacy Services



The School of Pharmacy has contracted with the University of Maryland Quality Care Network (UMQCN) to provide pharmacy services and case management support to approximately 125,000 patients who receive care under the network. Patients from private insurance, as well as Medicaid and Medicare patients, will receive care coordination services from pharmacy faculty and staff in the network in collaboration with more than 350 primary care providers across Maryland. UMQCN is a provider-organized network of physicians and other health care providers in the state of Maryland. It employs an engaged primary care model, advanced medical management programs, and innovative technology platform to provide patients with high quality, efficiently coordinated, and cost-effective health care services. Through the new contract with UMQCN, faculty and staff from the School of Pharmacy will be responsible for providing a variety of services to patients in the network, including medication management, telehealth management, drug information, and patient and provider education on numerous medication-related issues. [Read more here...](#)

Faculty Member Weighs in on Guidance for Statin, Heart Disease Drug Interaction

[Brent Reed, PharmD, BCPS-AQ](#)
[Cardiology, FAHA](#), associate professor, joined a team of nine associate pharmacists and physicians assembled by the American Heart Association in issuing a new scientific statement that provides guidance about potential interactions between statins and other medications commonly prescribed to treat heart disease. The statement examines a number of heart disease medications that can potentially cause adverse reactions when combined with statins, including medications used to treat abnormal heart rhythms and congestive heart failure, anticoagulants (blood thinners), immunosuppressive medications, non-statin cholesterol lowering medications, and medications used to treat high blood pressure. In addition to providing information about dose limits and adverse effects associated with certain drug interactions, it reinforces the need for health care professionals to review all medications taken by patients who have been prescribed statins at each visit, as well as during transitions of care, to ensure that any potential drug interactions are identified and evaluated early, and managed appropriately. [Read more here...](#)



SOP Receives Grant Funding from Cardinal Health, Joins Learning Collaborative



Faculty in PPS and the Department of Pharmaceutical Health Services Research have received a multi-year, \$150,000 grant from the Cardinal Health Foundation's E3 Grant Program to help improve health outcomes for high-risk patients, while reducing health care costs. The grant - which targets patients with chronic illnesses and a history of frequent hospital readmissions - will support a new School of Pharmacy initiative titled "Patient-Activated Medication Safety (PAMS)," which will offer patients a personalized, interprofessional intervention following their discharge from the hospital. [Read more here...](#)

Maryland Poison Center Celebrates National Poison Prevention Week

Since 1962, the third week of March has been celebrated by presidential decree as National Poison Prevention Week (NPPW), providing poison centers across the country - including the [Maryland Poison Center](#) at the School of Pharmacy - an opportunity to raise awareness about the dangers of poisonings and highlight steps that families can take to prevent them. This year, NPPW was observed March 19-25, and focused on several poison prevention-related themes. [Read more here...](#)

National Poison Prevention Week

March 19-25, 2017



Is your home....

POISON-
PROOF?

#NPPW17 #PreventPoison



Maryland Poison Center
UNIVERSITY OF MARYLAND SCHOOL OF PHARMACY

More poison safety tips
at mdpoison.com

 @MarylandPoisonCenter
 @MDPoisonCtr

Kudos!

Our department's faculty and staff are regularly recognized at the local and national level for their expertise. Here is a short list of recent accomplishments.

- [Heather Congdon, PharmD](#), associate professor and assistant dean for Shady Grove, has been named chair of the National Academies of Practice's Pharmacy Academy.
- [Agnes Ann Feemster, PharmD](#), assistant professor and assistant dean for experiential learning, has been elected to the Board of Directors of the Maryland Society of Health-System Pharmacists.
- **Lyn Goodrich**, BSN, RN, CSPI, and **Michael Hiotis**, PharmD, CSPI, of the Maryland Poison Center, have been re-certified by the American Association of Poison Control Centers (AAPCC) as specialists in poison information. **Elizabeth Millwee**, BSN, RN, has been certified by AAPCC as a specialist in poison information.
- [Katy Pincus, PharmD](#), assistant professor, was named the School of Pharmacy's Faculty Preceptor of the Year.
- [Brent Reed, PharmD](#), associate professor, was named the School of Pharmacy's Class of 2017 Faculty Member of the Year.
- [Magaly Rodriguez de Bittner, PharmD, FAPhA](#), professor and associate dean for clinical services and practice transformation, has been elected to the American Pharmacists Association's Board of Trustees for a three-year term beginning March 2018. She was also appointed to the Editorial Board of the journal *Preventing Chronic Disease: Public Health Research, Practice, and Policy*, published by the Centers for Disease Control and Prevention.
- [Deanna Tran, PharmD](#), assistant professor, has been appointed to a three-year term on the Editorial Board of the *Journal of the American Pharmacists Association*.

Publications

- Divakaruni A, Saylor E, **Duffy A**. Assessing the Need for Improved Strategies and Medication-related Education to Increase Adherence for Oral Anticancer Medications in the Young Adult Oncology Population. *Journal of Oncology Pharmacy Practice*. 2017.

- **Mattingly II TJ**, Ulbrich TR. Evaluating the Changing Financial Burdens for Graduating Pharmacists. *American Journal of Pharmaceutical Education*. Accepted January 3, 2017 (Currently in print).
- **Mattingly II TJ**, Romanelli F, Cain J, Schlesselman LS. Measuring Up: Defining the Quality of PharmD Programs. *American Journal of Pharmaceutical Education*. Accepted January 19, 2017 (Currently in print).
- Hindman FM*, Bukowitz A*, **Reed BN**, **Mattingly II TJ**. No Filter: A Characterization of #pharmacists Posts on Instagram. *Journal of American Pharmacists Association*. Accepted January 13, 2017 (Currently in print).
- Kumarachandran G, Johnson JK, Shirley DA, Graffunder E, **Heil EL**. Predictors of Adverse Outcomes in Children with *Staphylococcus aureus* bacteremia. *Journal of Pediatric Pharmacology and Therapeutics* 2017, 22:2. [Original Research].
- D'Angelo R, Rincavage M, Tata A, Millstein L, Gulati M, Flurie R, **Gonzales JP**. Impact of an Antipsychotic Discontinuation Bundle during Transitions of Care in Critically Ill Patients. *Journal of Intensive Care Medicine*. [Epub ahead of print] January 4, 2017. Original research.
- Franquiz MJ, **Gonzales JP**, Saleeb PG, Shanholtz. Clinical Characteristics of Critically Ill Patients with Suspected Influenza: Analysis of the 2009-10 and 2013-14 Outbreaks. *Journal of Critical Care*. 2016; 38:73-77. Original research.
- Bauer S, Abraham PE, Barletta JF, Brophy GM, Erstad BL, **Gonzales JP**, Haas CE, MacLaren R, Mueller EW, Olsen KM, Lat I. Development and Growth of the Critical Care Pharmacotherapy Trials Network. *American Journal of Health-System Pharmacy*. 2017;74(5):287-293
- **Stassinis G**, **Klein-Schwartz W**. Comparison of Pediatric Atypical Antipsychotic Exposures Reported to U.S. Poison Centers. *Clinical Toxicology*, 2017;55(1):40-45.
- **Stassinis G**, **Gonzales L**, **Klein-Schwartz W**. Characterizing the Toxicity and Dose-effect Profile of Tramadol Ingestions in Children. *Pediatric Emergency Care*, 2017; Feb 21 [Epub ahead of print].
- Hines MC, **Reed BN**, Ivaturi V, Bontempo LJ, Bond MC, Hayes BD. Diltiazem Versus Metoprolol for Rate Control in Atrial Fibrillation with Rapid Ventricular Response in the Emergency Department. *American Journal of Health-System Pharmacy*. 2016 Dec 15;73(24):2068-2076.
- Laliberte, B. **Reed, BN**. Use of an Argatroban-based Purge Solution in a Percutaneous Ventricular Assist Device. *American Journal of Health-System Pharmacy*. 2017; 74.
- Zasowski EJ, Trinh TD, **Claeys KC**, Casapao AM, Sabagha N, Lagnf AM, Klinker K, Davis SL, Rybak MJ. A Multicenter Observational Study of Ceftaroline Fosamil for Methicillin-Resistant *Staphylococcus aureus* Bloodstream Infections. *Antimicrobial Agents and Chemotherapy*. 2016 Nov 28. pii: AAC.02015-16. PMID: 27895012

Presentations

- **McPherson ML**, Talebrez S. Discontinuing medications appropriately. National Hospice and Palliative Care Organization Webinar Series, January 2017.
- **McPherson ML**. Everybody poops! Or do they? A moving conversation about constipation. Hospice and Palliative Care Network of Maryland, Muffins for Maniacs Webinar Series, January 2017.
- **Mattingly II TJ**. Mobile Health and Remote Monitoring in the Pharmacy. Maryland Pharmacists Association Midyear Meeting. Columbia, Maryland. February 12, 2017.
- **Heil, EL**. What Every Steward Should Know About Pharmacokinetics and Pharmacodynamics. Society for Healthcare Epidemiology of America Spring 2017 Conference.

- March 2017. [National]. Lecture (Invited)
- **Heil, EL.** Allergies, Interactions and Adverse Events, oh my! Society for Healthcare Epidemiology of America Spring 2017 Conference. March 2017. [National]. Lecture (Invited).
 - **Heil, EL.** It's Time to Regulate: Antimicrobial Stewardship Standards in Acute Care Settings. Maryland Healthcare Education Institute 13th Annual Maryland Patient Safety Conference. March 2017. [State]. Lecture (Invited).
 - **Heil, EL.** The abCs of HCV. Society of Infectious Diseases Pharmacists Education Center. January 2017. [National]. Lecture (Invited).
 - Pierce C, McGinn K, Mulherin D, **Gonzales JP.** A multicenter study comparing protocol implementation with and without the SCCM protocol toolkit. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - Rech M, Hammond D, McGinn K, Grgurich P, Mulherin D, **Gonzales JP,** Berger K. Experiences and perceptions of program directors and preceptors on the SCCM CPP section journal club. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - Grgurich P, Hammond D, Rech M, McGinn K, Mulherin D, **Gonzales JP,** Berger K. Value of online SCCM CPP section journal club presentations for critical care pharmacy residents. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - McGinn K, Hammond D, Grgurich P, Rech M, **Gonzales JP,** Mulherin D, Berger K. Impact of the SCCM CPP section journal club webinar on past presenters. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - Aljawadi M, **Gonzales JP,** Badawi O, Alhammad A. Antipsychotic utilization in the critically ill for the treatment of ICU delirium. Critical Care Medicine. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - Rincavage M, **Gonzales JP,** D'Angelo R, Flurie R, Tata A, Millstein L, Gulati M. Impact of an antipsychotic discontinuation bundle during transitions of care in ICU. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - **Gonzales JP,** Child D, Kratz P, McClure C, Netzer G, Shanholtz C. Characterization of fluid intake in critically ill patients with respiratory failure. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - Pruskowski K, **Gonzales JP,** Patel D, Shanholtz, Propofol-induced leukocytosis. 45th Critical Care Congress Society of Critical Care Medicine. Honolulu, Hawaii. January 2017.
 - **Tran D.** CLIA-Waived Cholesterol Point-of-Care Tests for Community Pharmacies. Molecular Med Tri-Con 2017, San Francisco, CA, February 2017.
 - **McPherson ML.** New Drug Update. Hospice & Palliative Care Network of Maryland 1st Annual Virtual Conference, Baltimore, MD, March 2017.
 - **McPherson ML,** Guerieri H, **McPherson AL,** Simmons S, Kelemen, AM, Tips and tricks in staff development for hospice and palliative care. Hospice & Palliative Care Network of Maryland 1st Annual Virtual Conference, Baltimore, MD, March 2017.
 - **Reed, BN.** From "To Do" to "Done": Finding Focus in a World of Distraction. Invited Presentation. Faculty Development Workshop, University of Findlay. Webinar. December 2016.
 - **Reed, BN.** The Expanding Heart Failure Toolbox: Making Room for New & Emerging Therapies. Fall Forum, District of Columbia College of Clinical Pharmacy. Baltimore, MD. October 2016.