

PRESIDENT'S COLUMN

Achieving Medication Optimization – It's Not Just for Primary Care



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Last October, I introduced you to my theme for this year: *Medication Optimization Across the Care Continuum*. The goal of my theme is to communicate the essential need for the standard of practice for clinical

pharmacy to be consistent across all practice settings. As clinical pharmacists, we can all agree on the importance of medication optimization provided through comprehensive medication management (CMM), but how does this translate to our individual practice settings? Some may think CMM only falls to primary or ambulatory care clinical pharmacists. As a result, clinical pharmacy specialists may only be optimizing medications pertinent to their scope. We must challenge this thinking and accept the responsibility of *comprehensive* medication management in whatever patient populations and practice settings we find ourselves and, more importantly, wherever we encounter our patients.

My own practice in pain management routinely focuses on analgesic medications. But all medications need to be comprehensively reviewed and assessed for the intended patient outcomes. Are we meeting our patient-specific goals with all the medications the patient is prescribed? How does the analgesic regimen fit with the patient's broader medical conditions and other medications?

As we look at the current and projected states of the opioid crisis, we can expect that more of our patients will have behavioral health issues. Chronic conditions such as pain, addiction, depression, and anxiety will increase in our patients together with other long-term diseases such as diabetes and hypertension. The medication regimens of these patients will be complex and fraught with interactions and adverse effects. Yet care of these patients can

be optimized using a comprehensive, patient-centered, team-based approach. Indeed, communication and coordination with our colleagues in the community can tremendously influence patient adherence and outcomes.

ACCP continues its engagement with the Community Pharmacy Enhanced Services Network and the National Community Pharmacists Association Innovation Center. In this realm, pharmacists working in medical practices are collaborating with community pharmacists to leverage resources and information that will optimize patients' medications and improve the quality of their care. Consensus guidance statements for successful collaborations across these settings have been drafted by the pharmacists involved in these projects. This year, several ACCP committees have been tasked with addressing issues related to medication optimization. Deliverables from these committees will help inform members about CMM best practices, novel approaches to CMM, and CMM dissemination strategies.

- Clinical Practice Affairs Committee A (Melissa Badowski, chair): Promoting strategies for providing CMM in the telehealth environment.
- Clinical Practice Affairs Committee B (Paul Stranges, chair): Outlining best practices in transitions of care with documented improved patient outcomes.
- Public and Professional Relations (Christopher Finch, chair): Communicating and disseminating the value of clinical pharmacists in achieving medication optimization.

The challenge before us is to ensure medication optimization for our patients and to initiate collaborations with community pharmacists involved in their care. I encourage PRN leaders to address this question through discussions on PRN e-mail lists and during PRN meetings. Look for examples of how members are engaged in successful collaborations and how we can share and learn from each other. Our patients will only benefit from this coordinated and comprehensive approach to care.

PRNS PREPARE FOR ELECTIONS

Introduction

It is time for the PRNs to determine who will serve as officers in the coming year. If you are interested in being a PRN officer or in nominating someone, please contact your PRN's chair.

Election Process

The Nominations Committee will consist of at least two individuals appointed by each PRN's chair. These individuals may be the PRN's current elected officers. Those who are on a PRN's Nominations Committee will be ineligible to run for office in that PRN's election that year. The Nominations Committee should prepare a slate of candidates and provide each candidate with information related to election procedures. The Nominations Committee should also provide a timeline and list of expected duties.

When possible, two or three candidates for each office shall be up for election. If only one candidate can be identified, an election will still be held, with voters given the option of identifying a write-in candidate. When there are more than three possible candidates, the PRN's Nominations Committee will be responsible for narrowing the slate to three candidates. The Nominations Committee will obtain a brief (250 words) biographical sketch or candidate statement from each candidate.

2019 Election Timetable

PRN call for nominations	March 2019
Submission of slates and candidate biographies to ACCP	June 5, 2019
Electronic balloting opens	July 8, 2019
Electronic balloting closes	August 13, 2019
Committee contact notified of results	August 16, 2019
Nominations Committee notifies all candidates of election results	August 23, 2019 (within 10 days of the election)
ACCP staff notifies new officers of meeting date and time at the Annual Meeting	September 2019

Voting

As in previous years, PRN elections will be held online, and PRN members will receive an e-mail from ACCP that outlines the voting procedure. Members will use their log-in and password to access the ACCP website. Each member will then be able to access the ballot for each PRN of which he or she is a current member.

As the election nears, members should review their e-mail and the ACCP website for further news about online voting.

ACCP AND ASHP LAUNCH MULTISPECIALTY COLLABORATION ON BOARD CERTIFICATION REVIEW AND RECERTIFICATION

ACCP and ASHP have expanded their established collaboration in board certification review and recertification in Oncology Pharmacy to include four additional specialties recognized by the Board of Pharmacy Specialties (BPS): Ambulatory Care Pharmacy, Cardiology Pharmacy, Geriatric Pharmacy, and Infectious Diseases Pharmacy.

Through this collaboration, ACCP members will have access to the board review and recertification resources developed by both organizations in both live and home study formats at member prices. These educational resources will become available to ACCP members later in 2019. For more information on the educational resources to be offered through the expanded collaboration, visit www.rxcertifications.org/.

Register Now for ACCP/ASHP Board Review and Recertification Courses

Among the first offerings available are the upcoming ACCP/ASHP Board Review and Recertification Courses in Ambulatory Care Pharmacy, Geriatric Pharmacy, and Oncology Pharmacy, to be presented live May 2–4, 2019, in Minneapolis, Minnesota. These comprehensive 3-day courses, taught by leading experts, use a highly interactive and engaging case-based instructional approach to present the domains, tasks, and knowledge statements developed by BPS for the relevant specialty examination. The registration fee for each board review course includes:

- Online audio recordings of the live course
- Printed course slide decks
- Online access to the course workbook in electronic (PDF) format
- Automatic (free) registration to the 2019 Developing Effective Test-Taking Skills Webinar (to be presented in June 2019)
- The opportunity to earn Continuing Pharmacy Education (CPE) credit for the course

Each course has been approved by BPS for credit

toward recertification in the relevant specialty: Ambulatory Care Pharmacy (BCACP), Geriatric Pharmacy (BCGP), or Oncology Pharmacy (BCOP). The registration fee for the recertification version of the courses includes:

- Online audio recordings of the live course
- Printed course slide decks
- Online access to the course workbook in electronic (PDF) format
- The opportunity to earn Continuing Pharmacy Education (CPE) credit for the course
- Access to the online recertification posttest

Registration for each of the courses is open now at www.accp.com/meetings/ashpaccp18/index.aspx. Course enrollment size is limited, so register now to secure a spot.

Additional Board Prep, Recertification Resources to Be Released

ACCP and ASHP also will offer board preparatory/recertification courses in the new Cardiology Pharmacy and Infectious Diseases Pharmacy specialties. These courses are currently in development and will become available exclusively for home study on June 26, 2019. The home study preparatory version of the Ambulatory Care course will also be released on June 26. The home study preparatory versions of the Geriatric Pharmacy and Oncology Pharmacy courses will be released on July 10.

Additional board review and recertification products in all five specialties – Ambulatory Care, Cardiology, Geriatrics, Infectious Diseases, and Oncology – will be released through the ACCP/ASHP collaboration later in 2019 and beyond. For more information on these resources as they become available, visit www.rxcertifications.org/.

PRN NEWS BRIEFS

Adult Medicine PRN

Promotions

- **Leigh Anne Hylton Gravatt:** Vice-Chair of Education for the Department of Pharmacotherapy and Outcomes Sciences, VCU School of Pharmacy
- **Branden Nemecek:** Associate Professor of Pharmacy Practice with Tenure, Duquesne University, Pittsburgh PA
- **Mate M. Soric:** Acting Chair, Department of Pharmacy Practice, Northeast Ohio Medical University College of Pharmacy
- **Jennifer Twilla:** Clinical Pharmacy Manager, Methodist University Hospital

Awards

- **Caitlin M. Gibson:** UNT Class of 2019 Professor of the Year Award (University of North Texas System College of Pharmacy)
- **Nathan Lian:** 2018 Nevada State Pharmacist of the Year

- **Tiffany Pon:** Pharmacotherapy Outstanding Reviewer, University of California, San Francisco
- **Jennifer Twilla:** 2018 ASHP Foundation Award for Excellence in Residency Training, Methodist University Hospital PGY1 Pharmacy Program, RPD

Grants

- **Caitlin M. Gibson:** ACCP Education & Training PRN Grant (\$750)
- **Jennie B. Jarrett:** ACCP Adult Medicine PRN Seed Grant Award. Combating Implicit Bias in the Healthcare Team: A Pharmacist's Role. (\$5000) University of Illinois Hans W. Vahlteich Research Scholar Award. Entrustable Professional Activities Assessment within Experiential Curricula: A Primer for Evaluation. (\$50,000)
- **Nicole L. Metzger** (Senior Investigator) and Carrie Tilton: ASHP Foundation Pharmacy Resident Practice-Based Research Grant for the project, "Advancing the Pharmacist's Role in Preventing Healthcare Facility-Onset C. difficile: Expansion of a Risk Prediction Model." (\$4968)

Publications

- Al-Omar LT, **Anderson SL**, Cizmic AD, et al. Implementation of a pharmacist-led diabetes management protocol. *Am Health Drug Benefits* 2019;12:14-20.
- Kennedy RA, Padilla ME, Andrews S, **Christenberry EJ**, et al. Evaluating the standardization of transitions of care in a Texas-Mexico border academic family medicine practice. *J Pharm Pract* 2019 Jan 22. [Epub ahead of print]
- **Ebied A.** Neuromuscular blocking agents and skeletal muscle relaxants. *Side Effects of Drugs Annual* 2018;40:183-91.
- Khoury A, Runnstrom M, **Ebied A**, et al. Linezolid-associated serotonin toxicity after escitalopram discontinuation: concomitant drug considerations. *BMJ Case Reports* 2018;2018:bcr-2018-226597.
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- **Fox A**, Skrepnek GH, Miller JL, et al. Optimal medical therapy prescribing patterns and disparities identified in patients with acute coronary syndromes at an academic medical center in an area with high coronary heart disease-related mortality. *Am J Cardiovasc Drugs* 2019;19:185-93.
- **Fox A**, Smith WJ, Kupiec KE, et al. Daptomycin dosing in obese patients: analysis of the use of adjusted body weight versus actual body weight. *Ther Adva Infect Dis* 2019;6:204993611882023.
- Davis S, Rungruangphol PD, **Gibson CM.** Maximizing

benefits with the medication use process. *Hosp Pharmacy* 2018;53:284-5.

- Donihi AC, Moorman JM, Abba A, **Hanania R**, et al. Pharmacists' role in glycemic management in the inpatient setting: An opinion of the endocrine and metabolism practice and research network of the American College of Clinical Pharmacy. *J Am Coll Clin Pharm* 2018 Sep 02. [Epub ahead of print]
- **Ilcewicz HN, Hennessey EK, Smith CB**. Evaluation of the impact of an inpatient hyperglycemia protocol on glycemic control. *J Pharm Pharm Sci* 2019;22:85-92.
- Coglianesi NM, **Jarrett JB**, Williams E. Factors contributing to depression in pharmacy residents. *Am J Health-Syst Pharm* 2018;75:1693-4.
- Muslimani A, **Moore DC**, Ringley JT, et al. Impact of body mass index (BMI) on the incidence of bortezomib-induced peripheral neuropathy (BIPN) in patients with newly diagnosed multiple myeloma (MM). *Blood* 2018;653:2002.
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- **Olin JL**, Griffiths CL, Smith MB. Venetoclax: A novel B-cell lymphoma-2 inhibitor for chronic lymphocytic leukemia and other hematological malignancies. *J Oncol Pharm Pract* 2018; 24:517-24.
- **Olin JL**, Klivanov O, Chan A, et al. Managing pharmacotherapy in people living with HIV and concomitant malignancy. *Ann Pharmacother* 2019 Feb 15. [Epub ahead of print]
- Bergsbaken J, Roman D, Earl MA, McBride A, **Olin JL**, et al. ASHP-HOPA guidelines on the roles and responsibilities of the pharmacy technician in ambulatory oncology pharmacy. *Am J Health-Syst Pharm* 2018;75:1304-11.
- Ly AC, **Olin JL**, Smith MB. Alectinib for advanced ALK-positive non-small cell lung cancer. *Am J Health-Syst Pharm* 2018;75:515-22.
- **Petite SE**. Noninsulin medication therapy for hospitalized patients with diabetes mellitus. *Am J Health-System Pharm* 2018;75:1361-8.
- **Petite SE**, Murphy JA. Systemic corticosteroid and antibiotic use in hospitalized patients with chronic obstructive pulmonary disease exacerbation. *Ann Pharmacother* 2019;53:144-50.
- **Pon TK**, Wessel N, Cagonot V, et al. Utilization of venous thromboembolism prophylaxis in American hospitalized pregnant women undergoing cesarean section. *Int J Clin Pharm* 2019;41:264-71.
- **Soric MM**, Paxos C, Dugan SE, et al. Prevalence and predictors of benzodiazepine monotherapy in patients with depression: a national cross-sectional study. *J Clin Psychiatry* 2019. In press.

- **Soric MM**, Robinson JD, Ulbrich TR. Grade point average is an inappropriate measure of a residency candidate's knowledge and skills. *J Am Coll Clin Pharm* 2019 Jan 24. [Epub ahead of print]
- Riha HM, Wilkinson R, **Twillia J**, et al. Octreotide added to a proton pump inhibitor versus a proton pump inhibitor alone in nonvariceal upper-gastro-intestinal bleeds. *Ann Pharmacother* 2019 Feb 25. [Epub ahead of print]
- Shah S, Peters MJ, Usery JB, **Twillia JD**. Clinical and economic implications of restrictions on calcitonin utilization in a health system. *Hosp Pharm* 2019 Feb 21. [Epub ahead of print]

Other Notable Achievements

- **Alex Ebied**: Internal Medicine Interview with CNN regarding rising drug overdoses
- **Caitlin M. Gibson**: Board certified in cardiology (BCCP)

Ambulatory Care PRN

Promotions

- **Marie Marcelino Renauer**: Associate Director, Ambulatory Clinical Pharmacy Services, Yale New Haven Health
- **Eric J. Ip**: Professor, Clinical Sciences Department, Touro University California College of Pharmacy
- **Mate M. Soric**: Acting Chair, Department of Pharmacy Practice, Northeast Ohio Medical University College of Pharmacy
- **Miranda Andrus**: Clinical Professor, Auburn University Harrison School of Pharmacy

Awards

- **Jonathan Hughes**: 3rd Place Poster Walk Rounds, ACCP Ambulatory Care and Endocrine & Metabolism PRN at the ACCP Annual Meeting, 2018
- **Veronica Vernon**: Indiana Pharmacists Association 2019 Distinguished Young Pharmacist

Grants

- **Dave Dixon**: Implementation and Evaluation of a 24-hour Ambulatory Blood Pressure Monitoring Service in Community Pharmacies, Funded by Community Pharmacy Foundation (\$47,165), Role: PI
Project InnoVAte, Funded by Virginia Department of Health and CDC (\$1.25 million), Role: PI
- **Tyler Gums**: Predictive Modeling of Medication Adherence, Funded by Texas Health Catalyst (\$20,000), Role: PI
Post-doctoral Training in Promoting Health Equity in Cardiovascular Disease, Funded by NHLBI T32 (\$298,123), Role: Co-I

- **Anne Williams:** Quantifying the Value of Clinical Pharmacists within Family Medicine Practices, New Practitioner Pharmacist Leadership Research Grant, Funded by ASHP Foundation (\$5,000), Role: PGY1 Resident, Co-I

Publications

- Schiff GD, Klinger EV, Salazar A, Medoff J, **Amato MG**, et al. Screening for adverse drug events: a randomized trial of automated calls coupled with phone-based pharmacist counseling. *J Gen Intern Med* 2019;34:285-92.
- Wong A, Rehr C, Seger DL, **Amato MG**, et al. Evaluation of harm associated with high dose-range clinical decision support overrides in the intensive care unit. *Drug Saf* 2019;42:573-9.
- **Andrus MR**, McDonough S, Kelley KW, **Stamm PL**, **McCoy EK**, **Lisenby KM**, Whitley HP, **Slater NA**, Carroll DG, **Hester EK**, **Helmer AM**, et al. Development and validation of a rubric to evaluate diabetes SOAP note writing in APPE. *Am J Pharm Educ* 2018;82:Article 6725.
- **Bradley K**, **Schumacher C**, **Kliethermes MA**, **Borchert J**, et al. Tool for assessing ambulatory care pharmacist practice (TAAPP): a validity and reliability study. *Am J Health-Syst Pharm* 2018;75:e816-27.
- Epling JW, Heidelbaugh JJ, Woolever D, **Castelli G**, et al. Examining an evidence-based medicine culture in residency education. *Fam Med* 2018;50:751-5.
- **Dang DK**, **Salvo MC**, Polomoff CM. Menstruation Disorders. In: O'Connell MB, Smith JA, eds. *Women's Health Across the Lifespan: A Pharmacotherapeutic Approach*, 2nd ed. McGraw-Hill Global Education Holdings, 2018.
- **Dixon DL**, Johnson SG. Provider Status: What does it mean? *J Am Coll Clin Pharm* 2019.
- Carbone S, **Dixon DL**, Buckley L, et al. Glucose-lowering therapies for cardiovascular risk reduction in type 2 diabetes mellitus: state-of-the-art review. *Mayo Clin Proc* 2018;93:1629-47.
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- Noel ZR, Beavers CJ, Dunn SP, Schullo-Feulner AM, Caldas L, **Dixon DL**. Identifying core content for electrocardiogram instruction in Doctor of Pharmacy curricula. *Am J Pharm Educ* 2018;82:7009.
- Anderegg MD, **Gums TH**, Uribe L, et al. Pharmacist intervention for blood pressure control in patients with diabetes and/or chronic kidney disease. *Pharmacotherapy* 2018;38:309-18.
- **Hager KD**, Ekstrand MJ, Pestka DL, et al. Lyceum as a strategy to instill practitioner resilience in a pharmacist community of practice. *J Am Coll Clin Pharm* 2019;2:69-73.
- **Hager KD**, Merighi J, O'Donnell C, et al. Perceptions of interprofessional collaboration with integrated behavioral providers in a family medicine clinic: insights from residents, physicians, and pharmacists. *J Interprof Educ Pract* 2018;13:65-72.
- **Hager KD**, Blue HL, Zhang L, et al. OPIOIDS: cultivating interprofessional collaboration to find solutions to public health problems. *J Interprof Care* 2018 Sep 5. [Epub ahead of print]
- Schommer JC, Brown LM, Bortz RA, Cernasev A, Gomaa BT, **Hager KD**, et al. An opportunity for pharmacists to help improve coordination and continuity of patient health care. *Pharmacy (Basel)* 2018;6:78.
- Sick B, **Hager KD**, Uden D, et al. Using a guided reflection tool and debriefing session to learn from interprofessional team interactions in clinical settings. *J Interprof Educ Pract* 2019;14:53-7.
- **Helmer AM**, **Slater NA**, Smithgall SE. A review of ACEI and ARB in black patients with hypertension. *Ann Pharmacother* 2018;52:1143-51.
- McFarland MS, Lamb K, **Hughes J**, et al. Perceptions to integration of the clinical pharmacy specialist into the patient care medical home model in a VA healthcare system. *J Healthc Qual* 2018;40:265-73.
- **Ip EJ**, Doroudgar S, Shah-Manek B, et al. The CASTRO Study: unsafe sexual behaviors and illicit drug use among gay and bisexual men who use anabolic steroids. *Am J Addict* 2019;28:101-10.
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- **Isaacs D**, Yager S, Parker M, et al. Adjunct anti-hyperglycemic agents in overweight and obese adults with type 1 diabetes. *Ann Pharmacother* 2019;53:371-84.
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- **Mukherjee SM**, Cabrera A, Silva MA. Evaluation of group concept mapping during advanced pharmacy practice experiences. *Curr Pharm Teach Learn* 2018;10:1616-23.
- **Schumacher C**, Moaddab G, Colbert M, **Kliethermes MA**. The effect of clinical pharmacists on readmission rates of heart failure patients in the accountable care environment. *J Manag Care Spec Pharm* 2018;24:795-9.
- **Silva Almodovar A** and Nahata MC. Potentially unsafe chronic medication use among older

adult chronic opioid users. *Pharmacotherapy* 2019;39:140-9.

- **Soric MM**, Paxos C, Dugan SE, et al. Prevalence and predictors of benzodiazepine monotherapy in patients with depression: a national cross-sectional study. *J Clin Psychiatry* 2019. In press.
- **Soric MM**, Robinson JD, Ulbrich TR. Grade point average is an inappropriate measure of a residency candidate's knowledge and skills. *J Am Coll Clin Pharm* 2019 Jan 24. [Epub ahead of print]

New ACCP Fellows

- **Steven M. Smith**

Other Notable Achievements

- **Marissa Salvo**: Elected as 2nd Vice Preseident of the Connecticut Pharmacists Association
- **Grace Earl**: Elected as Vice President of the New Jersey Pharmacists Association

Cardiology PRN

Promotions

- **Michael Ezebuenyi**: Cardiology Clinical Pharmacist, November 2018, Our Lady of the Lake Regional Medical Center, Baton Rouge, LA.
- **Scott Mosley**: Assistant Professor of Clinical Pharmacy, University of Southern California School of Pharmacy, Los Angeles, CA.

Awards

- **Larisa Cavallari**: Cardiology PRN Outstanding Paper Award: Multisite investigation of outcomes with implementation of CYP2C19 genotype-guided antiplatelet therapy after percutaneous coronary intervention. *JACC Cardiovasc Interv* 2018;11:181-91.
- **Genevieve Hale**: Cardiology PRN Junior Investigator Award
- **Jean Nappi**: Cardiology PRN Lifetime Achievement Award
- **Zachary Noel**: Cardiology PRN Seed Grant Award: Impact of animated video counseling on anticoagulation comprehension and retention
- **Kerry Pickworth**: Cardiology PRN Mentorship Award

Grants

- **Dave Dixon**: Implementation and Evaluation of a 24-hour Ambulatory Blood Pressure Monitoring Service in Community Pharmacies, Funded 2019-2020 (\$47,165) – Community Pharmacy Foundation, Role: Principal Investigator, 5% salary support
Project InnoVAte, Funded 2019-2024 (~\$1 million) – Virginia Department of Health

(CDC-RFA-DP18-1815), Role: Principal Investigator, 20% salary support

- **Scott Mosley**: Selected as a Mentored Career Development in Clinical and Translational Science (MCD-CTS) Scholar. Project Title: Implementation of precision-medicine-based antiplatelet therapy in a diverse urban population for patients with acute coronary syndromes, after percutaneous coronary intervention. Grant: UL1TR001855 (NCATS/NIH). Period: June 1, 2019-May 31, 2022.

Publications

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- Coleman CI, Turpie AGG, Bunz TJ, Beyer-Westendorf J, **Baker WL**. Impact of prolonged anticoagulation with rivaroxaban on provoked venous thromboembolism recurrence: IMPROVE-VTE. *Am J Med* 2019;132:498-504.
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- Martinez BK, **Baker WL**, Sood NA, et al. Influence of polypharmacy on the effectiveness and safety of rivaroxaban versus warfarin in patients with nonvalvular atrial fibrillation. *Pharmacotherapy* 2019;39:196-203.
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- Miller KM, **Brenner MJ**. Betrixaban for extended venous thromboembolism prophylaxis in high-risk hospitalized patients: putting the APEX results into practice. *Drugs* 2019.

- **Ciolek AM, Littlefield AJ, Jennings DL.** Engineering a brighter future: the evolving role of the pharmacist in the era of the HeartMate 3. *Ann Pharmacother* 2019;53:430-3.
- **Coons J.** Pulmonary Arterial Hypertension (PAH). PharmacyLibrary's PharmacotherapyFirst: A Multimedia Learning Resource. Washington, DC: American Pharmacists Association, 2018.
- **Coons JC,** Kobulinsky L, Farkas D, et al. Virtual electronic health record technology with simulation-based learning in an acute care pharmacotherapy course. *Pharmacy (Basel)* 2018;6:123.
- **Coons JC,** Miller T. Acute coronary syndrome/acute myocardial infarction. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program (PSAP) 2019 Book 1 (Cardiology)*. Lenexa, KS: American College of Clinical Pharmacy, 2019.
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- **Danelich IM,** Bergquist JR, Bergquist WJ, **Osborn JL, Wright SS,** et al. Early diuresis after colon and rectal surgery does not reduce length of hospital stay: results of a randomized trial. *Dis Colon Rectum* 2018;61:1187-95.
- **DiDomenico RJ.** Cardiology clinical pharmacy practice: keep spreading the news! [Invited editorial]. *J Am Coll Clin Pharm* 2018;1:54-5.
- **DiDomenico RJ.** Residency application deadlines: can we all just agree on a date? *Am J Health-Syst Pharm* 2018;75:849-50.
- Kim, K, Lee TA, **DiDomenico RJ,** et al. Comparison of six-month costs between oral antiplatelet agents following acute coronary syndrome. *J Manag Care Spec Pharm* 2018;24:800-12.
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- **Dobesh PP,** Ahuja T, Davis GA, et al. Venous thromboembolism in acute medically ill patients: identifying unmet needs and weighing the value of prophylaxis. *Am J Manag Care* 2018;24:S468-74.
- **Dobesh PP,** Trevarrow BJ. Betrixaban: safely reducing venous thromboembolic events with extended prophylaxis. *Am J Med* 2019;132:307-11.
- Finks SW, **Dobesh PP,** Trujillo TC, et al. Periprocedural management of direct oral anticoagulants surrounding cardioversion and invasive electrophysiological procedures. *Cardiol Rev* 2018;26:245-54.
- Trujillo TC, **Dobesh PP,** Crossley GH, et al. Contemporary management of direct oral anticoagulants during cardioversion and ablation for nonvalvular atrial fibrillation. *Pharmacotherapy* 2019;39:94-108.
- **Ezebuenyi MC,** Brakta F, Onor IO, et al. Evaluation of physician prescribing patterns for antibiotics in the treatment of nonnecrotizing skin and soft tissue infections. *PT* 2018;43:287.
- **Gasbarro NM, DiDomenico RJ.** Frequency of "on-label" use of intravenous diltiazem for rate control in patients with acute-onset atrial fibrillation or atrial flutter. *Am J Health-Syst Pharm* 2019;76:214-20.
- **Jackevicius CA.** The value of case reports. *Can J Hosp Pharm* 2018;71:345-6.
- **Jackevicius CA,** Ghaznavi Z, Lu L, et al. Safety of alpha adrenergic receptor antagonists in heart failure. *JACC: Heart Failure* 2018;6:917-25.
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management, 3rd ed. Bethesda, MD: American Society of Health-System Pharmacists, 2018;59-67.

New ACCP Fellows

- **Scott Bolesta**
- **Steven Dunn**
- **Chris Ensor**
- **Steve Smith**
- **Diana Sobieraj**

Other Notable Achievements

- **Bassam Atallah:** Fellow of the Heart Failure Society of America (FHFA)
- **Kate Cabral:** Associate of American College of Cardiology (AACC)
- **James C. Coons:** Appointed to American College of Cardiology Simulation Work Group, 2018
- **Aidan Fischer:** 2018 ACCP Clinical Pharmacy Challenge Champion, Team Leader
- **Sarah M. Gaffney:** Graduated from Averett University in December 2018 with her MBA.
- **Vicki Groo:** Created Medication Safety Initiative with ACC published as infographics on website under Practice Tools with two published to date: Safe Prescribing and Use of Sacubitril/Vasartan and DOAC Dosing for Atrial Fibrillation
- **Doug Jennings and Alana Ciolek:** Abstract accepted as a poster abstract at ISHLT titled: Use of cangrelor during venoarterial extracorporeal membrane oxygenation following percutaneous coronary intervention
- **Amanda M. Morrill:** Distinguished Young Pharmacist-New Hampshire
- **Azita Talasaz:** Recertified as a Board Certified Pharmacotherapy Specialist (BCPS)
- **JE Tisdale:** Peer reviewer for 2019 American College of Cardiology/American Heart Association/Heart Rhythm Society Focused Update of the 2014 American College of Cardiology Foundation/American Heart Association/Heart Rhythm Society Guideline for the Management of Patients with Atrial Fibrillation: January CT et al. 2019 AHA/ACC/HRS focused update of the 2014 AHA/ACC/HRS guideline for the management of patients with atrial fibrillation: a report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. Circulation 2019 Jan 23. [Epub ahead of print]; Peer reviewer for the 2018 American Psychiatric Association (APA) Resource Document on QTc Prolongation and Psychotropic Medications.

Board Certified Cardiology Pharmacists: The PRN would like to congratulate all those achieving board

certification in cardiology during the initial testing period. The PRN is excited to note over two-thirds of those achieving BCCP (n=120) are PRN members!

- **Tania Ahuja**
- **Shawn D. Anderson**
- **Anastasia L. Armbruster**
- **Katherine N. Aymond**
- **Mallory Baird**
- **Craig J. Beavers**
- **Theodore J. Berei**
- **Amy D. Brewster**
- **Leo Buckley**
- **Katherine Phillips Cabral**
- **William D. Cahoon Jr.**
- **Diana X. Cao**
- **Kristen E. Carter**
- **Jessica M. Casey**
- **Brandon Cave**
- **Hua X. Chen**
- **Rebecca J. Cheung**
- **Dimpa D. Choksi**
- **Jonathan D. Cicci**
- **Megan M. Clarke**
- **Abigail Ellen Miller Cook**
- **Bryan M. Cook**
- **James C. Coons**
- **Julie Bates Cooper**
- **Morgan E. Corkish**
- **Mary B. Covell**
- **Lisa M. Curran**
- **Ilya Danelich**
- **Lauren T. Devine**
- **Paul P. Dobesh**
- **Michael Dorsch**
- **Stephanie A. Dougherty**
- **Steven P. Dunn**
- **Chyi-Jade Fann**
- **Sherif Fanous**
- **Lindsey M. Federle**
- **Shannon Willhite Finks**
- **Laura A. Fuller**
- **Stormi Gale**
- **Katelyn J. Galli**
- **Cynthia Gary**
- **Kayla Giang**
- **Caitlin M. Gibson**
- **Katherine M. Greenlee**
- **Lindsey E. Greiner**
- **Sarah Hanigan**
- **Justin Harris**
- **Charles Hayes**
- **Yang He**
- **James Henderson**
- **Carol M. Heunisch**

- Augustus R. Hough
- John E. Howard
- Cynthia A. Jackevicius
- Jasmine M. Jang
- Daniel R. Katzenberger
- Erik D. Kellison
- Kazuhiko Kido
- Erin Kohler
- William Kuan
- Kena J. Lanham
- Margaret A. Lassiter
- Michelle Lew
- Yi-Cheng Lin
- Colleen A. Linsenmayer
- Tracy E. Macaulay
- Melanie Madorsky
- Rhynn J. Malloy
- Robert Maloney
- Joel C. Marrs
- Bethany P. Marshall
- Sarah Mehringer
- Daniel F. Miller
- Kathleen E. Miller
- John Joseph Mondin II
- Kristin E. Montarella
- Michael P. Moranville
- Kelly L. Moritz
- Xuan T. Nguyen
- Ashley Nitzkowski
- Zachary R. Noel
- Carrie S. Oliphant
- Cassidy Oliver
- Mary H. Parker
- Evan J. Peterson
- Kristen T. Pogue
- Lieth H. Quffa
- Brent N. Reed
- Lisa Rhyne
- Renee L. Rife
- Adele Robbins
- Jo Ellen Rodgers
- Kelly C. Rogers
- Teena Sam
- Michael Scalese
- Joseph Schafer
- Ashley R. Schenk
- Paul Shaw
- Jerrica Evelyn Shuster
- Adam Steven Smith
- Andrew J. Smith
- Dustin D. Spencer
- Meagan C. Sullivan
- Azita Hajhossein Talasaz
- Kathy Tang
- Allison G. Tenhouse

- Brandi N. Thoma
- Elizabeth T. Tien
- Joseph S. Van Tuyl
- Nathan J. Verlinden
- Kathryn B. Weber
- Caitlin M. Wessels
- Lucianne West
- Kacy Whyte
- Barbara S. Wiggins
- Lianjie Xiong
- Felix K. Yam
- Douglas M. Yoder
- Emily Young
- Joseph Zieminski

Central Nervous System PRN

Promotions

- **Tracy L. Skaer:** Professor Emeritus of Pharmacotherapy, Washington State University, College of Pharmacy and Pharmaceutical Sciences

Awards

- **Marshall E. Cates:** Samford University's inaugural Outstanding Scholarship Award
- **James L. Roerig:** Elected to Alpha Omega Alpha Honor Medical Society – Faculty Membership
- **Tracy L. Skaer:** Marquis Who's Who Albert Nelson Marquis Lifetime Achievement Award

Grants

- **Ronald C. Reed: Reed RC,** Kasteleijn-Nolst Trenité DGA, Lippman SM and Rosenfeld WE. Comparison of Rapidity of Central Nervous System Entry for Brivaracetam [BRV] vs. Levetiracetam [LEV] Infusion over 15 minutes (Part 1) OR over 5 minutes (Part 2) using Photosensitivity (in Epilepsy) as an Electro-encephalographic Biomarker. Sponsor: UCB Pharma, Inc.

Publications

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- Hammond DA, Russell N, Davis NC, **Caballero J,** et al. Financial costs of pursuing postgraduate residency training. *Am J Health-Syst Pharm* 2018;75:1266-7.
- **Chu A,** Pender E, Huke M. Development of a sleep hygiene bundle in the ICU as a multidisciplinary team. *Crit Care Med* 2019;47:608.
- **Ghaeli P,** Solduzian M, Vejdani S, et al. Comparison of the effects of melatonin and oxazepam on anxiety levels and sleep quality in patients with

ST- Segment-Elevation Myocardial Infarction following primary percutaneous coronary intervention: a randomized clinical trial. *Ann Pharmacother* 2018;52:949-55.

- Ghadrani E, Mousavi M, **Ghaeli P**. Methylphenidate-induced psychotic symptoms in a 65-year-old female with ADHD. *Iranian J Psychiatry* 2018;13:310-13.
- **Peckham AM**, Sclar DA. Need for international classification of gabapentin as a controlled substance. *BMJ* 2018 Nov 29;363:k4978.
- Goodlet KJ, Zmarlicka MT, **Peckham AM**. Drug-drug interactions and clinical considerations with co-administration of antiretrovirals and psychotropic drugs. *CNS Spectr* 2018 Oct 8. [Epub ahead of print]
- **Peckham AM**, Evoy KE, Ochs L, et al. Gabapentin for off-label use: evidence-based or cause for concern? *Subst Abuse* 2018;12:1178221818801311.
- **Peckham AM**, Ananickal MJ, Sclar DA. Gabapentin use, abuse, and the U.S. opioid epidemic: the case for reclassification as a controlled substance and the need for pharmacovigilance. *Risk Manag Healthc Policy* 2018;11:109-16.
- Conner TM, **Reed RC**, Zhang T. A physiologically-based pharmacokinetic model for optimally profiling lamotrigine disposition and drug-drug interactions. *Eur J Drug Metab Pharmacokinet* 2018 Nov 20. [Epub ahead of print]

Other Notable Achievements

- **Eileell Alin Nguyen**: 2019 Student Team Finalist for Texas Society of Health-Systems Pharmacist's Leadership Challenge Competition. Lead coordinator of Operation Naloxone sponsored by the Student College of Clinical Pharmacy at University of Houston; interviewed by Recovery Campus magazine for her and her groups efforts on Operation Naloxone.
- **Alyssa M. Peckham**: Started her new position as Assistant Clinical Professor at Northeastern University and Substance Use Disorders Advanced Practice Pharmacist at Massachusetts General Hospital, Boston, MA. Delivered a platform presentation CE at 2018 ASHP Midyear Clinical Meeting in Anaheim, CA, titled "Gabapentin: An "unnerving" new trend in drug abuse" with co-presenter Kirk E. Evoy. Was invited by the Substance Use Disorders Community of College of Psychiatric and Neurologic Pharmacists to deliver virtual CE titled "Gabapentin: Abused or Not Abused? That is the Question"
- **Ronald C. Reed**: Appointed to editorial boards of *Epilepsy & Behavior* and *Epilepsy & Behavior (Case) Reports*.

Clinical Administration PRN

Promotions

- **Michelle Dehoorne**: Director of Pharmacy Services for Ascension St John Hospital in Detroit, MI
- **Steven Johnson**: Regional Vice President, Clinical – CPS Central Division of Pharmacy Systems, Inc.
- **Jennifer Twilla**: Clinical Pharmacy Manager at Methodist University Hospital, Memphis, TN

Awards

- **Sarah Gaffney**: Graduated from Averett University in December 2018 with MBA
- **Richard Parrish**: Elected 2019 chair for the Employer Advisory Committee of the Board of Pharmacy Specialties
- **Harminder Sikand**: Elected to California Society of Health-System Pharmacists (CSHP) Board of Directors
- **Jennifer Twilla**: 2018 ASHP Foundation Award for Excellence in Residency Training – Methodist University Hospital PGY1 Program RPD

Publications

- **Achey TS**, McEwen CL, Hamm MW. Implementation of a workflow system with electronic verification for preparation of oral syringes. *Am J Health-Syst Pharm* 2019;76:S28-33.
- Phelps P, **Achey TS**, Mieure KD, et al. A survey of opioid medication stewardship practices at academic medical centers. *Hospital Pharmacy* 2019;54:57-62.
- **Achey TS**, Riffle AR, Rose RM, et al. Development of an operational productivity tool within a cancer treatment center pharmacy. *Am J Health-Syst Pharm* 2018;75:1736-41.
- Knoer SJ, Swarthout MD, Sokn E, Vakharia NN, Pfeiffenberger T, Greskovic GA, Kelley LR, Thompson A, **Achey TS**, et al. The Cleveland Clinic Pharmacy Population Health Management Summit. *Am J Health-Syst Pharm* 2018;75:1421-9.
- **Parrish II RH**, Chew L. Briefing note: proceedings of the Singapore national clinical pharmacy colloquium—health manpower development planning. *Pharmacy (Basel)* 2018;6:54.
- **Parrish II RH**, Chew L. Lecture 1—justification of the value of clinical pharmacy services and clinical indicators measurements—introductory remarks from a traveler on a 40-year wayfaring journey with clinical pharmacy and pharmaceutical care. *Pharmacy (Basel)* 2018;6:56.
- Morrisette T, Mitchell CN, Cutshall BT, **Twilla JD**. Evaluation of risk factors and empiric antimicrobial

therapy for *Acinetobacter baumannii* bacteremia and impact on patient outcomes. Am J Ther 2019 Feb 28. [Epub ahead of print]

- Riha HM, Wilkinson R, **Twilla J**, et al. Octreotide added to a proton pump inhibitor versus a proton pump inhibitor alone in nonvariceal upper-gastro-intestinal bleeds. Ann Pharmacother 2019 Feb 25. [Epub ahead of print]
- Shah S, Peters MJ, Uesry JB, **Twilla JD**. Clinical and economic implications of restrictions on calcitonin utilization in a health system. Hosp Pharm 2019 Feb 21. [Epub ahead of print]

Other Notable Achievements

- **Richard Parrish II** and Lita Chew: Guest editors of a special issue in Pharmacy (Basel): Proceedings of the Singapore national clinical pharmacy colloquium—health manpower development planning.

Critical Care PRN

Promotions

- **Drayton Hammond**: Assistant Professor of Medicine, Rush University, Division of Pulmonary, Critical Care, and Sleep Medicine
- **Jason Haney**: Associate Professor, Medical University of South Carolina College of Pharmacy
- **Calvin Ice**: Clinical Pharmacy Services Supervisor, Spectrum Health
- **Natalie Madere**: Clinical Coordinator, Community Health Network
- **Velliyur Viswesh**: Assistant to Associate Professor, Roseman University of Health Sciences

Awards

- **Elizabeth Beckman**: Presidential Citation, Society of Critical Care Medicine
- **Brittany D. Bissell**: Junior Investigator of the Year, ACCP Critical Care PRN
- **Alex Flannery**: Presidential Citation, Society of Critical Care Medicine; Star Research Achievement Award, Society of Critical Care Medicine
- **Carrie Griffiths**: Presidential Citation, Society of Critical Care Medicine
- **Christine Groth**: Researcher of the Year, NYS ACCP; Board Excellence Award for Clinical Support, URM; Institute for Innovative Education Team Based Award-PICS Clinic
- **Tony Gerlach**: Dr. Joseph and Rae Brown Award, which recognizes an SCCM member who has significantly advanced multiprofessional, quality care for critically ill and injured patients at the regional or local level
- **Drayton Hammond**: Star Research Award Certificate of Achievement, Society of Critical Care Medicine

- **Mojdeh S. Heavner**: Clinical Practitioner Award, ACCP Critical Care PRN
- **Desiree Kosmisky**: Innovations in Patient and Medication Safety Award, Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section
- **Simon W. Lam**: Research Award, ACCP Critical Care PRN
- **Ishaq Lat**: Achievement Award, ACCP Critical Care PRN
- **Nathan Lian**: 2018 Nevada State Pharmacist of the Year
- **Carolyn A. Magee**: Publication of the Year, ACCP Critical Care PRN
- **Christopher Paciullo**: Mentor of the Year, ACCP Critical Care PRN
- **Megan Rech**: 2019 Presidential Citation Award, Society of Critical Care Medicine; 2017 – 2018 Preceptor of the Year, Pharmacy Residency Class, Pharmacy Department, Loyola University Medical Center
- **Ashley Thompson**: Education Award, ACCP Critical Care PRN
- **Calvin Tucker**: Presidential Citation, Society of Critical Care Medicine

Grants

- **Scott Bolesta**: Bolesta S. Advancing the Cardiovascular Science of Vitamin C in Cardiac Surgery Patients. Submitted September 2018; Geisinger Cardiovascular Service Line Research Foundation Fund. Amount requested: \$8848 in direct costs. Submitted. Funding period: 10/01/2018-05/31/2019. Receiving agency/agent: Geisinger. Funded.
- **Matthew Duprey**: ACCP Foundation Futures Grant Student Research Award
- **Alex Flannery**: ASHP Pharmacy Practice Advancement Demonstration Grant. Role: Co-I (M. Thompson Bastin PI); ASHP New Investigator Research Grant. Role: Co-I (B. Bissell PI)
- **Drayton Hammond**: Board of Pharmacy Specialties Seed Grant for “Impact of board certification on pharmacist avoidance or reductions in medication costs in critically or emergently ill patients”
- **Kaylee Maynard**: Critical Care PRN Member Research Grant Recipient
- **Andrea Newsome**: Critical Care PRN Member Research Grant Recipient

Publications

- **Barreto EF**, Kanderi T, DiCecco SR, Lopez-Ruiz A, **Poyant JO**, et al. Sarcopenia Index is a simple objective screening tool for malnutrition in the

- critically ill. *J Parenter Enteral Nutr* 2018 Dec 18. [Epub ahead of print]
- **Buckley MS**, Barletta JF, Smithburger PL, Radosevich JJ, **Kane-Gill SL**. Catecholamine vasopressor support sparing strategies in vasodilatory shock. *Pharmacotherapy* 2019;39:382-98.
 - **Buckley MS**, Hartsock NC, Berry AJ, Bikin DS, Richards EC, Yerondopoulos MJ, Kobic E, Wicks LM, **Hammond DA**. Comparison of acute kidney injury risk associated with vancomycin and concomitant piperacillin/tazobactam or cefepime in the intensive care unit. *J Crit Care* 2018;48:32-8.
 - Moreno JL, Wakeman SE, **Duprey MS**, Roberts RJ, Jacobson JS, **Devlin JW**. Predictors for 30-day and 90-day hospital readmission among patients with opioid use disorder. *J Addict Med* 2019 Jan 8. [Epub ahead of print]
 - Bissell BD, **Flannery AH**. Hemodynamic instability secondary to vasopressin withdrawal in septic shock. *J Intensive Care Med* 2019;34:79-80.
 - Woolum JA, **Flannery AH**. Further considerations on the benefits of thiamine administration in patients with septic shock: authors' response. *Crit Care Med* 2019;47:e154.
 - Woolum JA, Abner EL, Kelly A, Thompson Bastin ML, Morris PE, **Flannery AH**. Effect of thiamine administration on lactate clearance and mortality in patients with septic shock. *Crit Care Med* 2018;46:1747-52.
 - **Groth CM**. Inhaled Antibiotics for Respiratory Infection. In: Ryu HG and Connor MJ, eds. *Current Concepts in Adult Critical Care*. 2019 ed. Mount Prospect, IL: Society of Critical Care Medicine 2019:101-14.
 - Smith S, **Hamblin S**, Dennis B. Effect of neuromuscular blocking agents on sedation requirements in trauma patients with an open abdomen. *Pharmacotherapy* 2019;39:271-9.
 - **Hammond DA**, Gurnani PK, **Flannery AH**, **Smetana KS**, Westrick JC, **Lat I**, **Rech MA**. Scoping review of interventions associated with cost avoidance able to be performed in the intensive care unit and emergency department. *Pharmacotherapy* 2019;39:215-31.
 - **Hammond DA**, Holt TR, Harris SA, Caylor MM, Kopp BJ, **Hamblin S**. Perceptions of critical care pharmacists participating in a formal mentor-mentee program. *Am J Health-Syst Pharm* 2018;75:1691-3.
 - **Hammond DA**, King J, Kathe N, et al. Effectiveness and safety of potassium replacement in critically ill patients: A retrospective cohort study. *Crit Care Nurse* 2019;39:e13-8.
 - **Hammond DA**, McCreary EK, **Rech MA**, **Smith MN**, Yeo QM, Lusardi K, Rhodes NJ, Swanson JM, **Bland CM**. Perceptions and practices for beta-lactam antibiotic dosing, administration, and monitoring in critically ill patients: current views and use among critical care and infectious diseases pharmacists. *J Am Coll Clin Pharm* 2019 Feb 13. [Epub ahead of print]
 - **Hammond DA**, Painter JT, Meena N. Incidence of clinically significant hypotension stratified by vasopressin duration. *J Intensive Care Med* 2019;34:77-8.
 - **Hammond DA**, Rowe JM, Wiley TL, et al. Evaluation of an elective course for preparing students to pursue postgraduate residency training. *Curr Pharm Teach Learn* 2018;10:1264-71.
 - **Hammond DA**, Russell N, Davis NC, et al. Financial costs of pursuing postgraduate residency training. *Am J Health-Syst Pharm* 2018;75:1266-7.
 - Nelson KM, Patel GP, **Hammond DA**. Effects from continuous infusions of dexmedetomidine and propofol on hemodynamic stability in critically ill adult patients with septic shock. *J Intensive Care Med* 2018 Sep 27. [Epub ahead of print]
 - Robertson AD, Li C, **Hammond DA**, et al. Incidence of acute kidney injury among patients receiving the combination of vancomycin with piperacillin-tazobactam or meropenem. *Pharmacotherapy* 2018;38:1184-93.
 - Yeo QM, **Hammond DA**, Li C, et al. Impact of chronic hypertension on time to goal mean arterial pressure and clinical outcomes in critically ill patients with septic shock requiring vasopressors. *J Crit Care* 2019;49:143-8.
 - **Haney JS**. Shock. In: Zeind CS, Carvalho MG, eds., *Applied Therapeutics: The Clinical Use of Drugs*, 11th ed. Lippincott Williams & Wilkins, 2018:17.347-76.
 - Lindner BK, Gilmore VT, **Kruer RM**, et al. Evaluation of the brief alcohol withdrawal scale protocol at an academic medical center. *J Addict Med* 2019 Feb 6. [Epub ahead of print]
 - Tully A, Jarrell A, Li C, Drayton H, **Kruer R**. Evaluation of medication errors at the time of transition of care from an ICU to non-ICU location [abstract]. *Crit Care Med* 2018;46:7.
 - **Lat I**, **Daley MJ**, Shewale A, Pangrazzi MH, **Hammond D**, et al.; DEFINE study group and the Discovery Research Network. A multicenter, prospective, observational study to determine predictive factors for multidrug-resistant pneumonia in critically ill adults: The DEFINE study. *Pharmacotherapy* 2019;39:253-60.
 - Sargel C, Aboud M, Forster A, Langman L, Tansmore J, **Mueller B**, et al. Intravenous ribavirin for parainfluenza and respiratory syncytial virus lower respiratory tract infection in an infant receiving extracorporeal membrane oxygenation and

- continuous renal replacement therapy. *J Pediatr Pharmacol Ther* 2018;23:337-42.
- Barreto EF, **Mueller BA**, Kane-Gill SL, et al. Beta-lactams: The competing priorities of nephrotoxicity, neurotoxicity, and stewardship. *Ann Pharmacother* 2018;52:1167-8.
 - Gharibian KN, Lewis SJ, Pitre JJ, Bull JL, Scoville BA, Velenosi TJ, Urquhart BL, Perkins NC, **Mueller BA**. Effect of computationally optimized vibration on clearance of solutes during in vitro standard hemodialysis. In preparation.
 - Jang SM, Clark JS, **Mueller BA**. Update on preparation of solutions for continuous renal therapy. *Am J Health-System Pharm* 2018;75:931-2.
 - Jang SM, Gharibian KN, Lewis, SJ, Fissell WH, Tolwani AT, **Mueller BA**. A Monte Carlo simulation approach for beta-lactam dosing in critically ill patients receiving prolonged intermittent renal replacement therapy. *J Clin Pharmacol* 2018;58:1254-65.
 - Jang SM, Hough G, **Mueller BA**. Ex vivo rezafungin adsorption and clearance during continuous renal replacement therapy. *Blood Purification* 2018;46:214-9.
 - Lewis SJ, **Mueller BA**. Development of a vancomycin dosing approach for critically ill patients receiving hybrid hemodialysis using Monte Carlo Simulation. *SAGE Open Med* 2018;11;6:2050312118773257.
 - Scoville BA, Segal JH, Salama NN, Heung M, Bleske BE, Eyler RF, **Mueller BA**. Single dose oral ranolazine pharmacokinetics in patients receiving maintenance hemodialysis. *Ren Fail* 2019;41:118-25.
 - Scoville BA, Vulaj V, **Mueller BA**, et al. Acetaminophen clearance during ex vivo continuous renal replacement therapies. *J Artif Organs* 2018;21:215-9.
 - Shaw AR, Chaijamorn W, Clark JS, **Mueller BA**. Preparation times and costs for various solutions used for continuous renal replacement. *Am J Health-System Pharm* 2018;75:808-15.
 - **Newsome AS, Smith SE, Hawkins WA**, et al. Impact of multimodal methods to teach advanced cardiovascular life support principles in the core doctor of pharmacy curriculum. *J Am Coll Clin Pharm* 2018;1:95-106.
 - **Santibañez M**, Lesch CA, Lin L, et al. Tolerability and effectiveness of 4-factor prothrombin complex concentrate (4F-PCC) for warfarin and non-warfarin reversals. *J Crit Care* 2018;48:183-90.
 - **Santibañez M**. Finding the Right Residencies and Making the Most of Them. In: White SJ, Godwin HN, and Boyer ST, eds. *Letters from Pharmacy Residents: Navigating Your Career*. Bethesda, MD: American Society of Health-System Pharmacists; 2018:133-7.

- **Smith MN**, Brotherton AL, Lusardi K, Tan CA, **Hammond DA**. Systematic review of the clinical utility of methicillin-resistant *Staphylococcus aureus* (MRSA) nasal screening for MRSA pneumonia. *Ann Pharmacother* 2019 Jan 2. [Epub ahead of print]
- Mazur J, **Smith MN**. Intra-abdominal Infections. In: Chisolm-Burns M, Schwinghammer TL, Malone PM, et al., eds. *Pharmacotherapy Principles & Practice*, 5th ed. New York, NY: McGraw-Hill, 2019:1173-81.
- **Smith SE, Hamblin SE**, Guillaumondegui OD, et al. Effectiveness and safety of continuous neuromuscular blockade in trauma patients with an open abdomen: a follow-up study. *Am J Surg* 2018;216:414-9.
- **Smith SE**, Johnson D. "Real-world" application of thrombolysis in cardiac arrest. *J Pharm Pract* 2018 Sep 13. [Epub ahead of print]
- **Smith SE**, Rumbaugh KA. Utilization of vasopressin before and after protocol implementation in a surgical intensive care unit. *J Am Coll Clin Pharm* 2019 Jan 24. [Epub ahead of print]
- **Smith ZR**, Rangarajan K, Barrow J, et al. Development of best practice recommendations for the safe use of pulmonary hypertension pharmacotherapies using a modified Delphi method. *Am J Health-Syst Pharm* 2019;76:153-65.
- **Spencer D**. Ultrasound-assisted, catheter-directed therapy for pulmonary embolism: Breaking down the evidence. *Cardiology Today* March 2019;22.

New Fellows

- **Karen Berger**: American College of Critical Care Medicine (FCCM)
- **Scott Bolesta**: American College of Clinical Pharmacy (FCCP)
- **Lingtak-Neander Chan**: American College of Clinical Pharmacy (FCCP)
- **Carrie Griffiths**: American College of Critical Care Medicine (FCCM)
- **Susan Hamblin**: American College of Critical Care Medicine (FCCM)
- **Bruce Mueller**: American College of Clinical Pharmacy (FCCP); National Kidney Foundation and American Society of Nephrology
- **Joseph Swanson**: American College of Clinical Pharmacy (FCCP)
- **Calvin Tucker**: American College of Critical Care Medicine (FCCM)

Other Notable Achievements

- **Karen Berger**: Steering Committee, Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section; Chair, Education Committee, NYSCHP; Chair, Grassroots Advocacy Committee Chair, NYSCHP

- **Scott Bolesta:** Chair, Research Section, Society of Critical Care Medicine
- **Mitchell Buckley:** Chair-Elect, Practice Advancement Committee, Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section
- **Lauren Finoli:** PGY2 Critical Care Director, Allegheny General Hospital PGY2 Critical Care Pharmacy Residency
- **Alex Flannery:** Secretary/Treasurer, ACCP Critical Care PRN; Chair, Item-Author Panel, ACCP Clinical Pharmacy Challenge; Chair-elect, Research and Scholarship Committee, Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section
- **Christine Groth:** Chair-Elect, ACCP Critical Care PRN Recognition Committee; Helped initiate Post-Intensive Care Unit Clinic
- **Drayton Hammond:** PGY2 Critical Care Director, Rush University Medical Center; Chair, Section Education Committee, Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section; Co-Chair, Research Section Mentorship Committee, Society of Critical Care Medicine
- **Susan Hamblin:** Appointed to the editorial board for Critical Care Medicine
- **Jason Haney:** BCCCP, BCPS
- **Calvin Ice:** PGY1 Pharmacy Residency Director, Spectrum Health
- **Desiree Kominsky:** Chair, Communications Committee, Carolinas/Virginias Chapter of Society of Critical Care Medicine
- **Rachel Kruer:** President, Maryland Society of Health-System Pharmacy
- **John Radosevich:** Chair, ACCP Critical Care PRN Communications Committee
- **Megan Rech:** Member-at-Large, Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section
- **Joshua Robinson:** BCCCP
- **Melissa Santibanez:** Chair-Elect, Membership Committee, Florida Chapter of Society of Critical Care Medicine; Chair, Faculty Council, Larkin University College of Pharmacy
- **Melanie Smith:** BCCCP
- **Dustin Spencer:** BCCP
- **Calvin Tucker:** FSHP BOD; Chair, Communications Committee, Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section
- **Velliyur Viswesh:** BCPS
- **Antonia Vilella:** BCCCP, BCPS

Drug Information PRN

The Drug Information PRN has been providing live and recorded webinars on drug information topics to its

members under the direction of DI PRN Membership Committee Chair **Samantha Spencer**. Our most recent webinars were “Surveillance of Patient Education Materials - The Good, the Bad, and the Confusing,” presented by **Megan Holsopple**, and “Resources on a Budget - Don’t Let Cost Compromise Your Expertise,” presented by **Steven T. Johnson**.

The Drug Information PRN also hosts student and resident journal club Presentations on a variety of topics. Journal clubs are presented live and recorded. The most recent journal club was a “Cannabidiol in Epilepsy Journal Club,” presented by **Kathryn Bress**, PGY-1 Pharmacy Practice Resident, Kingsbrook Jewish Medical Center.

Promotions

- **Steven T. Johnson:** Promoted to Regional Vice President – Clinical, Pharmacy Systems, Inc. (a CPS Company).

Awards

- **J. Russell (Rusty) May:** Received the 2018 Paul F. Parker Award. May will receive this honor at UK’s annual Parker Luncheon at the 2018 American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting and Exhibition in Anaheim, California.
- **Lindsay Slowiczek, Darren Hein, Zara Risoldi-Cochrane, and Phillip Gregory:** Received an award for their 2018 Manuscript of Exceptional Merit, Neonatal Network: the Journal of Neonatal Nursing for the manuscript “Morphine and Methadone for Neonatal Abstinence Syndrome: A Systematic Review.”

Publications

- Britnell SR, **Brown JN**, Hashem MG, et al. Value of post-graduate pharmacy resident involvement in prior authorization drug request adjudication. *Am J Health-Syst Pharm* 2018;75(suppl 4):e692-7.
- Warner CB, Ottman AA, **Brown JN**. The role of atomoxetine for Parkinson disease-related executive dysfunction: a systematic review. *J Clin Psychopharmacol* 2018;38:627-31.
- **Slowiczek L, Hein DJ, Risoldi Cochrane Z, Gregory PJ**. Morphine and methadone for neonatal abstinence syndrome: a systematic review. *Neonatal Netw* 2018;37:365-71.
- **Thornby KA**, Thornby R, Torrado C. Practical approaches integrating the topic of drug shortages within the doctor of pharmacy curricula. *Am J Pharm Educ* 2018 Nov 30. [Epub ahead of print]
- Dzewiatkowski NA, Osmon EN, Chahine EB, **Thornby KA**. Baloxavir: a novel single-dose oral antiviral for the treatment of influenza. *Sr Care Pharm* 2019;34:243-52.

- Snyder T, **Thornby KA**, Henneman A, et al. An evaluation of the initiation and use of sacubitril/valsartan in an inpatient heart failure population: a retrospective medication use evaluation. *Journal of Contemporary Pharmacy Practice* 2019;65:16-21.

Education and Training PRN

Promotions

- **Miranda Andrus**: Clinical Professor
- **Cynthia Phillips**: Clinical Associate Professor
- **Mate Soric**: Acting Chair, Department of Pharmacy Practice

Awards

- **Elias Chahine**: 2018 ACCP Education Award, 2018 Parata Systems and Pharmacy Times Next-Generation Pharmacist Health-System Pharmacist of the Year Award, 2018 Society of Infectious Disease Pharmacists Gita Patel Best Practice Recognition

Grants

- **Elias Chahine**: Palm Beach Atlantic University Quality Initiative Grant
- **Caitlin Gibson**: ACCP EDTR PRN Grant

Publications

- **Caballero J**, Ownby RL, Jacobs RJ, et al. Association between cognitive tests and antiretroviral medication adherence in older adults with HIV. *Ann Pharmacother* 2019;53:151-8.
- Dodds Ashley E, Davis SL, Heil EL, LaPlante KL, **Chahine EB**, et al. Best care for patients is achieved through multi-disciplinary stewardship. *Clin Infect Dis* 2018;67:1637.
- Dougherty JA, **Chahine EB**. Providing additional “muscles” for older adults through optimal influenza vaccine selection. *Ann Pharmacother* 2018;52:936-41.
- Gallagher JC, Justo JA, **Chahine EB**, et al. Preventing the post-antibiotic era: training future pharmacists as antimicrobial stewards. *Am J Pharm Educ* 2018;82:6770.
- Grace E, **Chahine EB**. Updates on Clostridioides (Clostridium) difficile infection with emphasis on long-term care. *Sr Care Pharm* 2019;34:29-42.
- James SF, **Chahine EB**, Sucher AJ, et al. Shingrix: The new adjuvanted recombinant herpes zoster vaccine. *Ann Pharmacother* 2018;52:673-80.
- Moore GD, Arya V, **Chahine EB**, et al. Report of the 2017-2018 Strategic Engagement Standing Committee. *Am J Pharm Educ* 2018;82:7148.
- Shaer KM, Zmarlicka MT, **Chahine EB**, et al. Plazomicin: a next-generation aminoglycoside. *Pharmacotherapy* 2019;39:77-93.

- **Dy-Boarman EA**, Bottenberg MM, Diehl B, Mobley-Bukstein W, Quaerna B. Lessons learned from an exploration of grit and performance on a high-stakes skills-based assessment. *Curr Pharm Teach Learn* 2018;10:1443-6.
- **Dy-Boarman E**, Janke K. What does it take to become a successful academic writer? *Pulses. Currents in Pharmacy Teaching and Learning Scholarly Blog*. October 25, 2018.
- Janke KK, **Dy-Boarman E**, Von Hoff B. A journey to understand enjoyment in academic writing. *Inov Pharm* 2018;9:Article 9.
- **Fox AN**, Smith WJ, Kupiec KE, Harding SJ, **Resman-Targoff BH**, Neely SB, White BP, **Owens RE**. Daptomycin dosing in obese patients: analysis of the use of adjusted body weight versus actual body weight. *Ther Adv Infect Dis* 2019;6:1-10.
- Davis S, Rungruangphol PD, **Gibson CM**. Maximizing benefits with the medication use process. *Hosp Pharmacy* 2018;53:284-5.
- **Hammond DA**, Russell N, Davis NC, **Caballero J**, et al. Financial costs of pursuing postgraduate residency training. *Am J Health-Syst Pharm* 2018;75:1266-7.
- **Howard ML**, Hossaini R, Tolar C, et al. Efficacy and safety of appetite stimulating medications in the inpatient setting. *Ann Pharmacother* 2019;53:261-7.
- Makita-Chingombe F, Ocque AJ, DiFrancesco R, Maponga CC, Muzambi F, **Monera-Penduka TG**, et al. Development and validation of a high performance liquid chromatography method to determine nevirapine in plasma in a resource-limited setting. *Afr J Lab Med* 2019;8:a880.
- **Soric MM**, Paxos C, Dugan SE, et al. Prevalence and predictors of benzodiazepine monotherapy in patients with depression: a national cross-sectional study. *J Clin Psychiatry* 2019. In press.
- **Soric MM**, Robinson JD, Ulbrich TR. Grade point average is an inappropriate measure of a residency candidate's knowledge and skills. *J Am Coll Clin Pharm* 2019 Jan 24. [Epub ahead of print]

Other Notable Achievements

- **Elias Chahine**: BPS Board Certified Infectious Disease Pharmacist (BCIDP)
- **Caitlin Gibson**: BPS Board Certified Cardiology Pharmacist (BCCP)
- **Tsitsi G. Monera-Penduka**: PhD degree in Clinical Pharmacology

Emergency Medicine PRN

The members of the EMED PRN have been involved in a number of prestigious Awards and Publications. The PRN has continued to host journal club webinars from

pharmacy residents and students across the country. The monthly journal clubs have grown to 2 presenters each month and attendance has continued to increase. Additionally, the Twitter account has stayed active with daily tweets and achieved over 1,850 followers.

Promotions

- **David Zimmerman:** Associate Professor of Pharmacy; Duquesne University School of Pharmacy

Awards

- **Nicole Acquisto:** ASHP Best Practices Award in Health-System Pharmacy; Rochester Business Journal Health Care Achievement Awards – Health Care Staff; URM C Board of Directors – Joint Meeting on the Quality of Care (JMQC); URM C Lean Excellence Awards – Most Valuable Team (Gold Award); URM C Lean Excellence Awards – Most Valuable Practitioner (Gold Award)
- **Joshua M. Demott:** American Academy of Emergency Medicine Young Practitioner Section Award, First Place Winner
- **Kara Boyko Frandson:** Minnesota Hospital Association Good Catch Award
- **Nathan Lian:** 2018 Nevada State Pharmacist of the Year
- **Megan Musselman:** North Kansas City Hospital Employee of the Year
- **Gary D. Peksa:** American Academy of Emergency Medicine Young Practitioner Section Award, First Place Winner
- **Megan Rech:** Society of Critical Care Medicine Presidential Citation Award

Grants

- **Nicole Acquisto:** ACCP Emergency Medicine Practice and Research Network Member Research Grant (M Bilhimer, NM Acquisto, Co- Principal Investigator, Principal Investigator of record) for Evaluation of Burnout Syndrome among Emergency Medicine Pharmacists ASHP Foundation New Practitioner Pharmacist Leadership Research Grant (M Bilhimer, NM Acquisto, Co- Principal Investigator, Principal Investigator of record) for Interventions Targeting Burnout among U.S. Hospital Pharmacy Departments National Survey Research Proposal
- **Megan Rech:** 2018 Board of Pharmacy Specialties Seed Grant Impact of board certification on pharmacist avoidance or reductions in medication costs in critically or emergently ill patients. Board of Pharmacy Specialties (\$5,000)

2018 Critical Care Practice & Research Network Member Grant Use of a novel medication regimen complexity score (MRC-ICU) to predict pharmacist, medication, and patient outcomes American College of Clinical Pharmacy, Role: Co-investigator (\$7,500)

- **Michael Thomas:** Structured Incremental Measurement of Deliberate and Objective Simulation Experiences-Pilot (SIM DOSE-P). Thomas MC, Adunlin G, Beall J, Covington E, Kyle J, Roberts M, Worthington M. Samford University McWhorter School of Pharmacy Dean's Innovation Grant (\$4875).

Publications

- Loner C, Estephan M, Davis H, Cushman JT, **Acquisto NM.** Effect of fluctuating extreme temperatures on tranexamic acid. *Prehosp Disaster Med.* In press.
- Polito NB, Kanouse E, Jones CMC, McCann M, Refaai MA, **Acquisto NM.** Effect of vitamin K administration on rate of warfarin reversal. *Transfusion* 2019;9999:1-7.
- Rotando A, Picard L, Delibert S, Chase K, Jones CMC, **Acquisto NM.** Push dose pressors: experience in critically ill patients outside of the operating room. *Am J Emerg Med* 2019;37:494-8.
- Gottlieb M, **DeMott JM, Peksa GD.** Topical tranexamic acid for the treatment of acute epistaxis: A systematic review and meta-analysis. *Ann Pharmacother* 2018 Dec 21. [Epub ahead of print]
- **Dybdahl D,** Walliser G, Spalding MC, et al. Four-factor prothrombin complex concentrate for the reversal of factor Xa inhibitors for traumatic intracranial hemorrhage. *Am J Emerg Med* 2019 Jan 9. [Epub ahead of print]
- Logan J, **Musselman ME.** Enterococci Infections. In: *Emergency Management of Infectious Diseases*, 2nd ed. New York: Cambridge University Press, 2018.
- **Nelson A,** Kelly G, Byyny R, et al. Tenecteplase utility in acute ischemic stroke patients: A clinical review of current evidence. *Am J Emerg Med* 2019;37:344-8.
- **Nelson AC,** Kehoe J, Sankoff J, et al. Benzodiazepines vs barbiturates for alcohol withdrawal: analysis of 3 different treatment protocols. *Am J Emerg Med* 2019;37:733-6.
- **Peksa GD, DeMott JM, Slocum GW, Burkins J,** et al. Glucagon for the relief of acute esophageal foreign bodies and food impactions: A systematic review and meta-analysis. *Pharmacotherapy* 2019;39:436-72.
- Borrelli G, Koch E, Sterk E, Lovett S, **Rech MA.** Early recognition of sepsis through emergency medical

services pre-hospital screening. *Am J Emerg Med* 2018 Oct 20. [Epub ahead of print]

- Hammond DA, Gurnani PK, Flannery AH, Smetana KS, Westrick JC, Lat I, **Rech MA**. Scoping review of interventions associated with cost avoidance able to be performed in the intensive care unit and emergency department. *Pharmacotherapy* 2019;39:215-31.
- Hirschy R, Davis T, Shah T, **Rech MA**. Treatment of life-threatening ACE-inhibitor induced angioedema. *Adv Emerg Nurs J* 2018;40:267-77.
- Kolanczyk DM, Applegate J, Lin E, Allyson Wexler A, **Rech MA**. Type I citrullinemia: a review of a rare urea cycle disorder and approach to management. *J Rare Disord* 2018;6:3-12.
- Masic D, Liang E, Long C, Sterk E, Barbas B, **Rech MA**. Intravenous lidocaine for acute pain: a systematic review. *Pharmacotherapy* 2018;38:1250-9.
- **Thomas MC**, Hughes PJ. Simulation as a central feature of an elective course. Does simulated bedside care impact learning? *Pharmacy (Basel)* 2018;6:40.
- Deas C, Thomason AR, Riggs RM, **Thomas MC**, et al. Use of a video module to improve faculty understanding of the Pharmacists' Patient Care Process. *Inov Pharm* 2018;9:Article 9.
- **Weant KA**. Formulary considerations for human rabies immune globulin treatment. *Pharmacy Times* 2018.
- Baum RA, Dugan A, Metts E, **Weant KA**, et al. Modified two step N-acetylcysteine dosing regimen for the treatment of acetaminophen overdose a safe alternative. *Tox Comm* 2018;2:81-4.
- Fay LN, **Wolf LM**, Brandt KL, et al. Pharmacist-led antimicrobial stewardship program in an urgent care setting. *Am J Health-Syst Pharm* 2019;76:175-81.
- Kulwicki BD, Brandt KL, **Wolf LM**, et al. Impact of an emergency medicine pharmacist on empiric antibiotic prescribing for pneumonia and intra-abdominal infections. *Am J Emerg Med* 2018 Jul 29. [Epub ahead of print]
- **Zimmerman DE**, Covvey JR, Nemecek BD, et al. Prescribing trends and revisit rates following a pharmacists-driven protocol change for community-acquired pneumonia in an emergency department. *Int J of Pharm Pract* 2018 Dec 11. [Epub ahead of print]
- **Zimmerman DE**, Jachim L, Iaria A, et al. The effect of body weight on intravenous diltiazem in patients with atrial fibrillation with rapid ventricular response. *J Clin Pharm Ther* 2018;43:855-9.
- Guarascio A, Amsden J, **Zimmerman DE**. Anti-infective Agents. *Demystifying Drug Dosing in Renal Dysfunction*. Nemecek BD, ed. Bethesda,

MD: American Society of Health-System Pharmacists, 2019.

Other Notable Achievements

- **Nadia Awad**: Master of Science in Pharmacy, Concentration - Clinical Toxicology: College of Pharmacy, University of Florida
- **Brian Gilbert**: Named to Pharmacy Clinical Advisory Board, HCA
- **Megan Musselman**: Serving as an expert on the advisory panel for the Emergency Medicine Pharmacy Practice BPS petition
- **Megan Rech**: Member-at-Large, Clinical Pharmacy and Pharmacology (CPP) Section, Society of Critical Care Medicine

Endocrine and Metabolism PRN

The Endocrine & Metabolism PRN is comprised of pharmacists and student pharmacists from a variety of practice settings. The PRN was formed to achieve the following goals and objectives: 1) Provide an opportunity for pharmacists with an interest in endocrine and metabolism disorders to promote practice, research, and education in these areas; 2) Provide a mechanism for members with similar interests to meet during ACCP meetings to network, problem solve, and discuss professional issues and opportunities; and 3) Promote practice involvement, educational needs of health care professionals, students and patients, and research activities in the areas of endocrinology and metabolism that may be favorably impacted upon by this ACCP PRN effort. The most recent PRN blog is available at: <https://endoprn.wordpress.com/2019/03/01/patient-centered-care/>.

Awards

- **Kam L. Capoccia**: Upsher-Smith Excellence in Innovation award from the Massachusetts Pharmacist Association
- **Maryam Fazel**: Danny and Rae Jacob Award for Pharmacy Practice at the University of Arizona College of Pharmacy
- **Brian K. Irons, Krystal L. Edwards, Lisa M. Chastain, Molly G. Minze, Robin Black, Courtney Duval, Ashley Higbea**: President's Outstanding Teaching Team award at Texas Tech University Health Sciences Center
- **Sara Lingow and Justinne Guyton**: First place in the Endocrine and Metabolism and Ambulatory Care PRN at the 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy walkrounds for their poster titled "Clinical Interia amongst healthcare providers in the management of patients with type 2 diabetes"

- **John M. Moorman:** Adult Medicine PRN top 3 poster award at the 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy for his project titled “Utilization of high-intensity statins in ambulatory patients at risk for atherosclerotic cardiovascular disease events: A national cross-sectional study”

Grants

- **Jordan Sedlacek:** ACCP Ambulatory Care PRN Innovations Grant; Institute for Healthcare Improvement/Pfizer Medication Optimization in Primary Care Grant

Publications

- **Donihi AC, Moorman JM, Abla A, Hanania R, Carneal D, MacMaster HW.** Pharmacists’ roles in glycemic management in the inpatient setting: an opinion of the Endocrine and Metabolism Practice and Research Network of the American College of Clinical Pharmacy. *J Am Coll Clin Pharm* 2018 Sep 2. [Epub ahead of print]
- **Jedlowski PM, Te CH, Segal RJ, Fazel MT.** Cutaneous adverse effects of diabetes mellitus medications and medical devices: A review. *Am J Clin Dermatol* 2018;20:97-114.
- **Irwin AN, Stewart OC, Nguyen VQ, Bzowickyj AS.** Public perception of pharmacist-prescribed self-administered non-emergency hormonal contraception: an analysis of social media comments. *Res Social Adm Pharm.* 2018 Aug 8. [Epub ahead of print]
- **Isaacs D, Yager S, Parker M, et al.** Adjunct anti-hyperglycemic agents in overweight and obese adults with type 1 diabetes. *Ann Pharmacother* 2019;53:371-84.
- **Keedy CA, Schnibben AP, Crosby JF Jr, McGlasson ACL, Misher A.** Implementation of a pharmacist-driven formulary management service within a community health-system insurance plan. *Am J Health-Syst Pharm* 2018;75:1854-6.
- **Joyner KR, Soric MM, Boyle JA, Moorman JM, et al.** Mineralocorticoid receptor antagonist utilization in a nationally representative heart failure with reduced ejection fraction outpatient population: A cross-sectional study. *Am J Ther* 2018 Jul 25. [Epub ahead of print]
- **Reece M, Weiner S.** Pharmacists can assist with diabetes-related insurance, adherence issues (Diabetes in Real Life). *Endocrine Today* 2018;16:8.
- **Reece M, Weiner S.** Helping people with diabetes navigate the OTC aisle (Diabetes in Real Life). *Endocrine Today* 2018;16:15.

- **Reece S, Compton T, Avery L.** Caring for senior adults with type 2 diabetes. *Practical Diabetology* 2018;37:5-8.
- **Schumacher C, Moaddab G, Colbert M, et al.** The effect of clinical pharmacists on readmission rates of heart failure patients in the accountable care environment. *J Manag Care Spec Pharm* 2018;24:795-9.
- **Bradley K, Schumacher C, Kliethermes MA, et al.** Tool for Assessing Ambulatory Care Pharmacist Practice (TAAPP): A Validity and Reliability Study. *Am J Health-Syst Pharm* 2018;75:e816-27.

Podium Presentations

- **Isaacs D:** Outside the Box Reimbursement Strategies in a Diabetes Clinic. Presented at ASHP Midyear; December 2018; Anaheim, CA.
- **Schumacher C:** Vizient Readmissions in Real Time Quarterly Update: The Effect of Clinical Pharmacists on Readmission Rates of Heart Failure Patients in the Accountable Care Environment; American Pharmacists Association Live Webinar: Co-management of Heart Failure and Diabetes; Ambulatory Care Clinical Pharmacist’s Role in Value-Based Payment Models; Presented for continuing education credit to pharmacists, pharmacy students and pharmacy technicians at the Illinois Council of Health-System Pharmacists Annual Meeting, Oak Brook Terrace, IL.
- **Wesling M:** Sometimes Less is More - The Art of Deintensifying. 7th Annual Midwestern University Updates in Diabetes and Related Chronic Care Topics Pharmacy Continuing Education Conference; 2018 June; Downers Grove, IL.

Poster Presentations

- **Van Dril E, Schumacher C.** Impact of Professional Continuous Glucose Monitoring by Clinical Pharmacists in an Ambulatory Care Setting. 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy; October 2018; Seattle, WA.
- **Van Dril E, Schumacher C, Kliethermes MA, et al.** Workload Evaluation of Clinical Pharmacists in the Ambulatory Care Setting (WORK-AC). 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy; October 2018; Seattle, WA.

Notable Achievements

- **Ryan LaLonde:** Certified Diabetes Educator

Geriatrics PRN

Posters

- **Peron EP**, Harmon E, Morgan L, et al. Hands-on learning activity to improve student pharmacist confidence with urinary incontinence products. 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy; October 2018; Seattle, WA.
- Cho C, Zimmerman K, Crouse E, **Peron EP**, et al. Celebrating 20 years: the past, present, and future of VCU's Geriatric Pharmacotherapy Program. American Society of Consultant Pharmacists Annual Meeting; November 2018; National Harbor, MD.
- Halloran S, Ellerbrock J, **Peron EP**, et al. Suboptimal prescribing among patients with Parkinson's disease hospitalized at an urban academic medical center. American Society of Health-System Pharmacists Midyear Clinical Meeting; December 2018; Anaheim, CA.
- Riveros J, Caron O, Gendron T, **Peron EP**. Feasibility of student directed program on Promoting Art for Life Enrichment Through Transgenerational Engagement (PALETTE). American Society of Health-System Pharmacists Midyear Clinical Meeting; December 2018; Anaheim, CA.
- Slattum PW, Crouse E, Delafuente J, Donohoe KL, Ogbonna KC, **Peron EP**, et al. Celebrating 20 years: the past, present, and future of VCU's Geriatric Pharmacotherapy Program. American Society of Consultant Pharmacists Annual Meeting; November 2018; National Harbor, MD.

Presentations

- **Emily Peron**: Teaming Up to Promote Continence Care Workshop. Emswiller Interprofessional Symposium; February 2019; Glen Allen, VA.

Publications

- **Burkhardt C**, Crist SM. Falls in the older adult. In: Dong BJ, Elliott DP, eds. Hajjar ER, faculty panel. Ambulatory Care Self-Assessment Program, 2018 Book 3. Nephrology/Geriatrics. Lenexa, KS: American College of Clinical Pharmacy, 2018.
- Backes JM, Melton BL, Ruisinger JF, **Burkhardt CD**, et al. Comparing patients' prescribed, self-reported, and actual intake of supplemental eicosapentaenoic acid + docosahexaenoic acid. *J Clin Lipidol* 2019;13:170-5.
- **Fernandez J**, Thornton JD, Rege S, et al. Prescribers' perceptions on the impact of hydrocodone rescheduling on geriatric pain management: A qualitative study. *J Opioid Manag* 2018;14:317-26.

- Adams AL, Cadle RM, Amspoker AB, Martin LA, Wilmer SR, **Fernandez JM**, et al. Preliminary evaluation of pharmacy resident integration within an academic interprofessional patient aligned care team at a Veterans Affairs Academic Medical Center. *J Interprof Educ Pract* 2019;15:55-9.
- Goldin M, **Hughes GJ**, Choudhary Z, et al. Reversal of anticoagulation: Therapeutic advances and clinical guidelines. In: Sinvani, LD. *Therapeutic Advance in Hospital Medicine: Focus on the Older Adult*. Wolters Kluwer, 2019.
- Ma AH, **Hughes GJ**. Updates in management of complicated urinary tract infections: A focus on multidrug-resistant organisms. In: Sinvani, LD. *Therapeutic Advance in Hospital Medicine: Focus on the Older Adult*. Wolters Kluwer, 2019.
- **Peron EP, Zimmerman KM**. Polypharmacy. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program: Book 3, Nephrology/Geriatrics II*. Lenexa, KS: American College of Clinical Pharmacy, 2018.
- **Silva Almodovar A**, Nahata MC. Potentially unsafe chronic medication use among older adult chronic opioid users. *Pharmacotherapy* 2019 Feb;39:140-9.
- **Zarowitz B**, O'Shea T, Shim A, et al. Retrospective analysis of demographic, clinical, and functional characteristics of nursing home residents in the United States with Parkinson's disease compared to those with Parkinson's disease psychosis. *Ann Longerm Care* 2018. In press.
- **Zarowitz BJ**, Nace D, Brandt N, et al. Pharmacotherapy research priorities in older adults with cardiovascular disease in nursing homes, assisted living, and home care: report from a satellite symposium of the ACC, AGS, NIA workshop. *J Am Dir Assoc* 2019. In press.
- **Zarowitz BJ**, Resnick B, Ouslander JG. Quality clinical care in nursing facilities. *J Am Med Dir Assoc* 2018;19:833-9.
- **Zarowitz BJ**, Tisdale JE. Navigating the mine field of QTc interval-prolonging therapy in nursing facility residents. *J Am Geriatr Soc* 2019 Feb 12. [Epub ahead of print]

Grants

- **Emily Peron**: Prioritizing Urinary Incontinence for Current and Future Healthcare Professionals Commonwealth of Virginia Geriatric Training and Education Initiative Award Fund, Role: Principal Investigator, Amount: \$12,898.75, Funding Period: 12/20/2018-06/30/2019

New ACCP Fellow

- **Emily Peron**

Promotions

- **Julianna Fernandez:** Clinical Associate Professor, University of Houston

Notable Achievement

- **Jessica Robinson:** First pharmacist accepted into the Interprofessional Geriatrics Fellowship at UNC School of Medicine.

GI/Liver/Nutrition PRN

The GI/Liver/Nutrition PRN would like to applaud members on their exceptional accomplishments from September 2018 – February 2019. Congratulations and keep up the strong work! Members can keep updated on new articles, professional meeting highlights, and discussions on our Twitter (@accpGILNprn) and Facebook page. We hope to see you at the Annual ACCP meeting if you are planning to attend. Focus Session planning is under way and we are excited to bring new updates to the organization that cover all three therapeutic areas!

Publications

- Coe AB, Bookstaver RE, Fritschle AC, Kenes MT, MacTavish P, **Mohammad RA**, et al. Pharmacists' perceptions on their role, activities, facilitators, and barriers to practicing in a post-intensive care recovery clinic. *Hospital Pharmacy* 2019 Jan 28. [Epub ahead of print]
- DiPaula B, **Mohammad RA**, Ayers P, et al. Residents as preceptors and education: what we can learn from a national survey to improve our residency programs. *Curr Pharm Teach Learn* 2018;10:21-7.

Grant

- **Mohammad R**, Costa D, and McSparron J. Post Intensive Care Unit (ICU) Longitudinal Survivor Experience [PULSE] Clinic: Evaluation of An Interprofessional Approach to Providing Care to Intensive Care Unit Survivors and Caregivers. University of Michigan Health Sciences Council. Principle Investigator. \$60,000.

New ACCP Fellows

- **Bryan Love**
- **Lingtak Neander-Chan**

Awards

- **Angela Bingham:** ACCP New Educator Award
- **Rima A. Mohammad:** Sepsis Alliance, Sepsis Heroes Award

Global Health PRN

Grants

- **Debra Goff:** NICU Antibiotic Stewardship in South Africa from Pfizer Global (\$100,000).

Publications

- Ellis J, **Eneh PC**, Ssebambulidde K, Rutakingirwa MK, Lamorde M, Rhein J, Cresswell FV, Boulware DR, **Nicol MR**. Three's a crowd: Diagnostic and pharmacokinetic challenges in HIV-TB meningitis-malaria co-infection. A case report. *Wellcome Open Res* 2019;3:111.
- **Japs KL**, Dennehy C, Stoffella S, et al. Sources of drug information in neonatal guidelines of low- and middle-income countries. *Int J Pharm Pract* 2019 Jan 2. [Epub ahead of print]
- **Malhotra J** (coauthor). Preceptor Development Manual. NAPPSA Newsletter 2018.
- **Pastakia SD**, Nuche-Berenguer B, Pekny CR, et al. Retrospective assessment of the quality of diabetes care in a rural diabetes clinic in western Kenya. *BMC Endocr Disord* 2018;18:97.
- Chang AY, Karwa R, Busakhala N, Fletcher SL, Tonui EC, Wasike P, Kohn MA, Asirwa FC, Kiprono SK, Maurer T, Goodrich S, **Pastakia SD**. Randomized controlled trial to evaluate locally sourced two-component compression bandages for HIV-associated Kaposi Sarcoma leg lymphedema in western Kenya. The Kenyan Improvised Compression for Kaposi Sarcoma (KICKS) study protocol. *Contemp Clin Trials Commun* 2018;12:116-22.
- Hurst JR, Dickhaus J, Gorre C, Maulik PK, Miranda JJ, Parker G, **Pastakia SD**, et al. Global Alliance for Chronic Diseases Researchers' Statement on Multi-Morbidity. *Lancet Glob Health* 2018;6:e1270-1.
- **Prescott GM**, Dascanio SA, Klosko R, et al. Development of a medication health literacy program for refugees. *J Am Pharm Assoc* 2018;58:673-8.
- **Prescott GM**, Mullen TR, Wilson-Clarke C, et al. Knowledge Travels Roundtrip: An international university collaboration provides University at Buffalo pharmacy students and faculty with opportunities to make an impact in Jamaican healthcare education and practice. *Academic Pharmacy Now* 2018;11:5-7.
- Mullen T, Gossell-Williams M, Wilson-Clarke C, **Prescott GM**. Integrated Drug Information and Introductory Principles of Research Course, Kingston, Jamaica [abstract]. *J Am Coll Clin Pharm* 2018;1:324.

- Syed S, **Prescott GM**. Interpretation and understanding of prescription warning labels with refugees [abstract]. *J Am Coll Clin Pharm* 2018;1:242.

Presentations

- Nicol MR, Kaiser T, **Corbino JA**, et al. Vaginal microbiome is associated with tenofovir diphosphate and lamivudine triphosphate in cervical tissues of Ugandan women. International Workshop on HIV and Women; 2-3 March 2019; Seattle, WA. Abst#O_12.
- **Eneh P**, Olihe O, Nicol MR. Evaluating the long-term benefits of pharmacy professionals' engagement in international/global health program [poster]. 18th Midwest Social and Administrative Pharmacy Conference; 15-17 August 2018; Madison, WI.
- **Malhotra JV**. Expanding clinical pharmacy education through preceptor development programs. IACP Conference; April 2018; Hyderabad India.
- **Malhotra JV**. The impact of a longitudinal professional development portfolio in an internationally-trained PharmD degree program. Life Long Learning in Pharmacy 12th International Conference; July 2018; Brisbane, Australia.
- **Malhotra JV**. Preceptor development program for clinical pharmacist at Children's Cancer Hospital Egypt (57357). Life Long Learning in Pharmacy 12th International Conference; July 2018; Brisbane, Australia.
- **Malhotra JV**. The radical humanitarian: Global health training programme for pharmacists and nurses. *Pharmacy Education* 2018;18, Brisbane, Australia.
- **Malhotra JV**, Franson KL. Bilateral learning through the International Pharmaceutical Federation (FIP), PharmaBridge programme. *Pharmacy Education*, 18:39 – LLLP 2018, Brisbane, Australia.
- **Malhotra JV**, Franson KL. Maximising strengths of international partnerships to form a collaborative Pharm.D. programme *Pharmacy Education*, 2018;18, Brisbane, Australia.
- **Malhotra JV**, Franson KL, Gleason SE. The impact of a longitudinal professional development portfolio in an internationally trained Pharm.D. degree programme. 18:11 – LLLP 2018, Brisbane, Australia.
- Patel T, **Malhotra JV**, Saseen JJ. Syllabus Development as a Component of PharmD Preceptor Development Program in Egypt *Am J Pharmaceutical Ed* 82:478. – AACP 2018.
- Steeb D, Miller M, Schellhaus E, **Malhotra JV**, et al. Global Health Learning Outcomes and Competencies Among Pharmacy Students. *Am J Pharmaceutical Ed* 82:471. – AACP 2018.
- Gleason SE, Franson KL, **Malhotra JV**. Pharmacists' perception of international PharmD (ITPD) training to meet local patient care needs. FIP Global Conference 2018, Glasgow, Scotland, UK.
- Altieri RJ, Gleason SE, **Malhotra JV**, et al. Clinical pharmacy education: Entrustable professional activities (EPA's). Poster session presented at: 5th Asian Association of Schools of Pharmacy (AASP) Deans Forum; 2018 July 9-11; Macau, China.
- **Malhotra JV**, Saseen JJ, Patel T. Preceptor development programme for clinical pharmacist at Children's Cancer Hospital Egypt (57357). *Pharmacy Education*, 18:28 – LLLP 2018, Brisbane, Australia.
- **Nicol MR**, Kaiser T, Corbino JA, et al. Vaginal microbiome is associated with tenofovir diphosphate and lamivudine triphosphate in cervical tissues of Ugandan women. International Workshop on HIV and Women; 2-3 March 2019; Seattle, WA. Abst#O_12.
- **Nicol MR**, Eneh P, Nakalega R, et al. Depo-medroxyprogesterone effects on tenofovir-dp and lamivudine-tp in cervical tissue [poster]. Conference on Retroviruses and Opportunistic Infections 2019; 4-7 March 2019; Seattle, WA. Presentation #1248.
- Eneh P, Olihe O, **Nicol MR**. Evaluating the long-term benefits of pharmacy professionals' engagement in international/global health program. 18th Midwest Social and Administrative Pharmacy Conference; 15-17 August 2018; Madison, WI.
- Matulewicz AT, Lanning S, Lockeman K, Morgan L, **Peron EP**, et al. Using a mixed methods approach to explore perceptions of early learners in classroom-based interprofessional education experiences [poster]. VCU Emswiler Interprofessional Symposium; February 2019; Glen Allen, VA.
- Burnette JD, **Peron EP**, Elisa C. Environment as context and cause of common mental disorders in a remote community of the Peruvian Andes [poster]. Gerontological Society of America Annual Scientific Meeting; November 2018; Boston, MA.
- Hylton Gravatt LA, Donohoe KL, Van Tassell B, Matulewicz A, Pamulapati L, Caldas L, **Peron EP**. Increasing the odds of matching: implementation of a residency advising program [poster]. 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy; October 2018; Seattle, WA.
- **Prescott GM**, Mullen T, Wilson-Clarke C, et al. Development and implementation of an introductory pharmacy practice experience in Kingston, Jamaica to expose students to global health [poster]. *Am J Pharm Educ* 2018;82:Article 7158. Presented at the 119th Annual Meeting of the American Academy of Colleges of Pharmacy; July 2018; Boston, MA.

- **Prescott GM**, Mullen T, Wilson-Clarke C, et al. An International Collaboration on Sustainable Workforce Development and Implementation of a Doctor of Pharmacy Program [poster]. Am J Pharm Educ 2018;82:Article 7158. Presented at the 119th Annual Meeting of the American Academy of Colleges of Pharmacy; July 2018; Boston, MA.
- Berlie H, **Prescott GM**, Kopacek K, et al. Integrating Global Health into the Pharm.D. curriculum. AACP Annual Meeting; July 2018; Boston, MA.

New ACCP Fellow

- **Emily Peron**

Health Outcomes PRN

Promotions

- **Chris Frei**: Professor, UT Austin College of Pharmacy

Awards

- **Omolola A. Adeoye**: ACCP Health Outcomes PRN Travel Award; Midwest Social and Administrative Pharmacy Conference – Consortium for Research in Administrative Pharmacy Award
- **Chris Frei**: UT Austin College of Pharmacy Educator of the Year 2018
- **David Jacobs**: Saxon Graham Award for Academic Excellence in Epidemiology, University at Buffalo School of Public Health and Health Professions

Grants

- **Omolola A. Adeoye**: NIH/NCATS – Indiana Clinical and Translational Sciences Institute – TL1 Program
- **Chris Frei**: CLL Outcomes in Veterans (CLOVER) on Novel Agents, AstraZeneca Pharmaceuticals

Publications

- **AIMotiry AISHatri A**, AlGannam W, et al. The impact of a restrictive regulatory action on the utilization of pregabalin containing products in Saudi Arabia. Drug Safety 2018;41:1146.
- **Jacobs DM**, Ochs-Balcom HM, Zhao J, et al. Lower airway bacterial colonization patterns and species-specific interaction in chronic obstructive pulmonary disease. J Clin Microbiol 2018; 56:pii:e00330-18.
- **Jacobs DM**, Pandit U, Sethi S. Acute exacerbations in chronic obstructive pulmonary disease: should we use antibiotics and if so, which ones? Curr Opin Infect Dis 2019;32:143-51.
- Dilworth TJ, Casapao AM, Ibrahim OM, **Jacobs DM**, et al. Adjuvant β -lactam therapy combined with vancomycin for methicillin-resistant *Staphylococcus aureus* (MRSA) bacteremia: Does β -lactam class matter? Antimicrob Agents Chemother 2019;63:pii:e02211-18.

- Hart E, Dunn TE, Feuerstein S, **Jacobs DM**. Proton pump inhibitors and risk of acute and chronic kidney disease: a retrospective study. Pharmacotherapy 2019;39:443-53.
- Hefti E, **Jacobs DM**, Rana K, et al. Analysis of outpatient HER2 testing in New York state using the statewide planning and research cooperative system. Pharmacogenomics 2018;19:1395-401.
- **Nguyen E**, Coleman CI, Kohn CG, **Weeda ER**. Ranolazine in patients with type 2 diabetes and chronic angina: A cost-effectiveness analysis and assessment of health-related quality-of-life. Int J Cardiol 2018;273:34-8.
- **Silva Almodovar A**, Nahata MC. Potentially unsafe chronic medication use among older adult chronic opioid users. Pharmacotherapy 2019;39:140-9.
- **Soefje SA**. Managing the economic impact of advanced pancreatic cancer. Am J Manag Care 2019;Jan 25(1 suppl):S11-16.
- **Soefje, SA**. Strategies to improve CINV outcomes in managed care. Am J Manag Care 2018;Oct 24(18 suppl):S398-404.
- **Weeda ER**, Butt S. Systematic review of real-world studies evaluating characteristics associated with or programs designed to facilitate outpatient management of deep vein thrombosis. Clin Appl Thromb Hemost 2018 Nov 14. [Epub ahead of print]
- **Weeda ER**, Hakamiun KM, Leschorn HX, et al. Comorbid cancer and use of thrombolysis in acute pulmonary embolism. J Thromb Thrombolysis 2018;47:324-7.
- Drayton SJ, **Weeda ER**, Avery LM, et al. Impact of a co-curricular, e-learning activity on pharmacy student knowledge of laboratory values. Curr Pharm Teach Learn 2019;11:87-93.
- Drisaldi A, **Weeda E**, Neyens R, et al. Accuracy of valproic acid concentration correction based on serum albumin. Neurocrit Care 2018;30:301-6.
- Prentice A, Ruiz I, **Weeda ER**. Saddle pulmonary embolism and in-hospital mortality in patients with cancer. Int J Clin Oncol 2019 Feb 12. [Epub ahead of print]

Other Notable Achievements

- **Scott A. Soefje**: Fellow, Hematology Oncology Pharmacy Association (FHOPA)

Hematology/Oncology PRN

The Hematology/Oncology PRN continues to provide a forum for hematology/oncology pharmacists to network and collaborate on scientific, educational, and political issues affecting clinical practice, teaching, and research. We have 778 members with trainees (students and residents) making up nearly 50% of the PRN membership.

At the Annual Meeting, the PRN hosted resident and student travel awardees. Because of the increase in student membership and the desire for more opportunities to connect, the second half of the PRN meeting served as a networking session focused on clinical and research activities of the membership. One of the requests of the PRN was to increase the amount of involvement that students and residents have; therefore, we have activities geared towards trainees. We also formed three committees within the PRN, which includes trainees, to help the PRN officers complete their initiatives.

The PRN has made plans to donate to the Frontier fund and nominations for 2019 Awards have been submitted. Plans for PRN collaboration with the Pharmaceutical Industry PRN are underway for the 2019 PRN focus session.

Promotions

- **T. White:** Senior Medical Science Liaison on the Gilteritinib team at Astellas Americas.

Publications

JN Barreto:

- Preadmission corticosteroid therapy and the risk of respiratory failure in adults without HIV presenting with pneumocystis pneumonia. *J Intensive Care Med* 2019 Feb 27. [Epub ahead of print]
- Impact of time to antibiotic on hospital stay, intensive care unit admission, and mortality in febrile neutropenia. *Support Care Cancer* 2019 Feb 25. [Epub ahead or print]

RJ Beechinor:

- The population pharmacokinetics of high-dose methotrexate in infants with acute lymphoblastic leukemia highlight the need for bedside individualized dose adjustment: a report from the children's oncology group. *Clin Pharmacokinet* 2019 Feb 27. [Epub ahead of print]
- Population pharmacokinetics and exploratory exposure-response relationships of diazepam in children treated for status epilepticus. *CPT Pharmacometrics Syst Pharmacol* 2018;7:718-27.

GC Bell:

- Implementing a personalized medicine program in a community health system. *Pharmacogenomics* 2018;19:1345-56.

R Bookout:

- OncLive Interview: The Impact of Precision Medicine in Oncology.

JS Bubalo:

- Safety and efficacy of high-dose methotrexate for

osteosarcoma in adolescents compared with young adults. *Cancer Med* 2019;8:111-6.

- Effect of conditioning regimen dose reduction in obese patients undergoing autologous hematopoietic cell transplantation. *Biol Blood Marrow Transplant* 2019;25:480-7.
- Clinical outcomes of oral suspension versus delayed-release tablet formulations of posaconazole for prophylaxis of invasive fungal infections. *Antimicrob Agents Chemother* 2018;62:pii:e00893-18.

MJ Buege:

- Evolving treatment strategies for elderly leukemia patients with IDH mutations. *Cancers (Basel)* 2018;10:pii:e187.

LE Davis:

- Autophagy inhibition to augment mTOR inhibition: a phase I/II trial of everolimus and hydroxychloroquine in patients with previously treated renal cell carcinoma. *Clin Cancer Res* 2019;25:2080-7.

D Deremer:

- Randomized, placebo-controlled, phase III trial of Fosaprepitant, Ondansetron, Dexamethasone (FOND) versus FOND plus Olanzapine (FOND-O) for the prevention of chemotherapy-induced nausea and vomiting in patients with hematologic malignancies receiving highly emetogenic chemotherapy and hematopoietic cell transplantation regimens: The FOND-O Trial. *Biol Blood Marrow Transplant* 2018;24:2065-71.
- Lack of adequate pneumococcal vaccination response in chronic lymphocytic leukaemia patients receiving ibrutinib. *Br J Haematol* 2018;182:712-4.

RN Dickerson:

- Avoiding patient harm with parenteral nutrition during electrolyte shortages. *Hosp Pharm* 2018;53:403-7.
- Metabolic support challenges with obesity during critical illness. *Nutrition* 2019;57:24-31.

TNK Doan:

- Differential regulation of intestinal and hepatic CYP3A by 1 α ,25-dihydroxyvitamin D(3): effects on in vivo oral absorption and disposition of buspirone in rats. *Drug Dev Res* 2018 Dec 10. [Epub ahead of print]

E Ekinci:

- Voriconazole photosensitivity causes apparent graft-versus-host disease exacerbation. *Biol Blood Marrow Transplant* 2019;54:323-5.
- Neratinib in HER2-positive breast cancer patients. *Ann Pharmacother* 2019 Jan 4. [Epub ahead of print]
- Ribociclib in HR+/HER2- advanced or metastatic breast cancer patients. *Ann Pharmacother* 2019;53:501-9.

WD Figg:

- Reproducibility of pharmacogenetics findings for paclitaxel in a heterogeneous population of patients with lung cancer. *PLoS One* 2019;14:e0212097.
- Insulin potentiation therapy for cancer? *Lancet Oncol* 2019;20:191-2.
- The effect of anti-CTLA4 treatment on peripheral and intra-tumoral T cells in patients with hepatocellular carcinoma. *Cancer Immunol Immunother* 2019;68:599-608.
- Tremelimumab in combination with microwave ablation in patients with refractory biliary tract cancer. *Hepatology* 2018 Dec 22. [Epub ahead of print]
- Increased frequency of germline BRCA2 mutations associates with prostate cancer metastasis in a racially diverse patient population. *Prostate Cancer Prostatic Dis* 2018 Dec 12. [Epub ahead of print]
- Reviewing the role of healthy volunteer studies in drug development. *J Transl Med* 2018;16:336.
- Synthesis, structural characterization, and antiangiogenic activity of polyfluorinated benzamides. *ChemMedChem* 2018;13:2080-89.

K Gatwood:

- American Society for Blood and Marrow Transplantation Pharmacy Special Interest Group survey on chimeric antigen receptor T cell therapy administrative, logistic, and toxicity management practices in the United States. *Biol Blood Marrow Transplant* 2019 Jan;25:26-33.
- Conditioning intensity in secondary AML with prior myelodysplastic syndrome/myeloproliferative disorders: an EBMT ALWP study. *Blood Adv* 2018;2:2127-35.
- Defining incidence and risk factors for catheter-associated bloodstream infections in an outpatient adult hematopoietic cell transplantation program. *Biol Blood Marrow Transplant* 2018;24:2081-7.

M Geriak:

- Is a reported penicillin allergy sufficient grounds to forgo the multidimensional antimicrobial benefits of β -lactam antibiotics? *Clin Infect Dis* 2019;68:157-64.

A Glode:

- Pilot prehabilitation program for patients with esophageal cancer during neoadjuvant therapy and surgery. *J Surg Res* 2019;235:66-72.

B Goldspiel:

- Safety and efficacy of low-dose sirolimus in the PIK3CA-related overgrowth spectrum. *Genet Med* 2018 Oct 1. [Epub ahead of print]

W Greene:

- Serum alanine aminotransferase elevations in survivors of childhood cancer: a report from the St. Jude Lifetime Cohort Study. *Hepatology* 2019;69:94-106.

D Gregornik:

- The role of the pediatric pharmacist in precision medicine and clinical pharmacogenomics for children. *J Pediatr Pharmacol Ther* 2018;23:499-501.

Z Grullon:

- A case of aseptic meningitis in a cetuximab-experienced patient with metastatic colon cancer. *J Oncol Pharm Pract* 2018;24:632-3.

A Gulbis:

- Allogeneic transplantation after myeloablative rituximab/BEAM +/- bortezomib for patients with relapsed/refractory lymphoid malignancies: 5-year follow-up results. *Biol Blood Marrow Transplant* 2019 Mar 1. [Epub ahead of print]
- Management guidelines for paediatric patients receiving chimeric antigen receptor T cell therapy. *Nat Rev Clin Oncol* 2019;16:45-63.
- Phase II trial of high-dose gemcitabine/busulfan/melphalan with autologous stem cell transplantation for primary refractory or poor-risk relapsed Hodgkin lymphoma. *Biol Blood Marrow Transplant* 2018;24:1602-9.

DA Hass:

- Acute lymphocytic leukemia. In: Schwinghammer TL, et al., eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 11th ed. New York: McGraw-Hill, 2020.

AM Lam:

- Preclinical characterization of NVR 3-778, a first-in-class capsid assembly modulator against hepatitis B virus. *Antimicrob Agents Chemother* 2018;63:e01734-18.

C-S Lee:

- Pemetrexed-induced severe rhabdomyolysis in lung cancer: a case report. *J Oncol Pharm Pract* 2018 Nov 30. [Epub ahead of print]
- Penetrating the evidence of EGFR and ALK tyrosine kinase inhibitors for non-small cell lung cancer brain metastases. *J Oncol Pharm Pract* 2019;25:623-37.

J Lee:

- Common filing deficiencies in abbreviated new drug applications containing clinical endpoint studies. *Ther Innov Regul Sci* 2019;53:81-5.

V Ma:

- Cumulative effective dose and cancer risk of pediatric population in repetitive whole-body scan using dual-energy X-ray absorptiometry. *J Clin Densitom* 2019;22:52-8.

EP Macon:

- Restoration of cellular integrity following “ballistic” pronuclear exchange during *Tetrahymena* conjugation. *Dev Biol* 2018;444:33-40.

M Magee:

- Cardiovascular risk reduction with icosapent ethyl for hypertriglyceridemia. *N Engl J Med* 2019;380:11-22.
- Correction to: Utilisation of an operative difficulty grading scale for laparoscopic cholecystectomy. *Surg Endosc* 2019;33:122-5.

J Mann:

- NCCN guidelines insights: cancer-associated venous thromboembolic disease, version 2.2018. *J Natl Compr Canc Netw* 2018;16:1289-303.

J McCune:

- Developing user personas to aid in the design of a user-centered natural product-drug interaction information resource for researchers. *AMIA Annu Symp Proc* 2018;2018:279-87.
- Selection and characterization of botanical natural products for research studies: a NaPDI center recommended approach. *Nat Prod Rep* 2019 Jan 25. [Epub ahead of print]
- Addition of vincristine and irinotecan to vincristine, dactinomycin, and cyclophosphamide does not improve outcome for intermediate-risk rhabdomyosarcoma: a report from the Children’s Oncology Group. *J Clin Oncol* 2018;36:2770-7.
- Inosine monophosphate dehydrogenase pharmacogenetics in hematopoietic cell transplantation patients. *Biol Blood Marrow Transplant* 2018;24:1802-7.

A McDonnell:

- Evaluating the adverse effects of melphalan formulations. *J Oncol Pharm Pract* 2018 Oct 18. [Epub ahead of print]

T McGuire:

- Immune regulation and anti-cancer activity by lipid inflammatory mediators. *Int Immunopharmacol* 2018;65:580-92.
- Long-chain omega-3 polyunsaturated fatty acids decrease mammary tumor growth, multiorgan metastasis and enhance survival. *Clin Exp Metastasis* 2018;35:797-818.
- Impact of miRNA-mRNA profiling and their correlation

on medulloblastoma tumorigenesis. *Mol Ther Nucleic Acids* 2018;12:490-503.

D Moore:

- Poly (ADP-ribose) polymerase inhibitors in the management of ovarian cancer: a drug class review. *PT* 2018;43:549-56.

D Murry:

- Troponin-induced effects on the unfolded protein response pathway and apoptosis in multiple myeloma cells are dependent on iron. *Leuk Res* 2019;77:17-27.
- Simultaneous quantitation of isoprenoid pyrophosphates in plasma and cancer cells using LC-MS/MS. *Molecules* 2018;23:pii:E3275.
- Quantification of eicosanoids and their metabolites in biological matrices: a review. *Bioanalysis* 2018;10:2027-46.
- Pharmacokinetics and efficacy of orally administered polymeric chloroquine as macromolecular drug in the treatment of inflammatory bowel disease. *Acta Biomater* 2018;82:158-70.
- A sensitive and selective LC-MS/MS method for quantitation of ivermectin in human, mouse and monkey plasma: clinical validation. *Bioanalysis* 2018 Oct 16. [Epub ahead of print]
- Bioanalytical method development and validation of moxidectin in plasma by LC-MS/MS: Application to in vitro metabolism. *Biomed Chromatogr* 2019;33:e4389.
- Case report: Ivermectin and albendazole plasma concentrations in a patient with disseminated strongyloidiasis on extracorporeal membrane oxygenation and continuous renal replacement therapy. *Am J Trop Med Hyg* 2018;99:1194-7.
- Novel N-1 substituted fluoroquinolones inhibit human topoisomerase I activity and exhibit anti-proliferative activity. *Invest New Drugs* 2019;37:378-83.
- Preclinical investigation of a potent geranylgeranyl diphosphate synthase inhibitor. *Invest New Drugs* 2018;36:810-8.

L Norris:

- Investigating serious adverse drug reactions in patients receiving erythropoiesis-stimulating agents: a root cause analysis using the “ANTICIPATE” framework. *Am J Ther* 2018;25:e670-4.

CS Quinn:

- Management of tumor necrosis factor α inhibitor therapy after renal transplantation: a comparative analysis and associated outcomes. *Ann Pharmacother* 2019;53:268-75.

M Rice:

- A five-component Biginelli-Diels-Alder cascade reaction. *Front Chem* 2018;6:376.

C Saadeh:

- Medical marijuana use in a community cancer center. *J Oncol Pract* 2018;14:e566-78.

JP Sanchez:

- Further steps for parenteral nutrition in the electronic health record. *Am J Health-Syst Pharm* 2018;75:1856-64.
- Operation Naloxone: Overdose prevention service learning for student pharmacists. *Curr Pharm Teach Learn* 2018;10:1348-53.

I Saunders:

- A case of aplastic anemia associated with long-term metronidazole use. *J Pharm Pract* 2019 Feb 6. [Epub ahead of print]
- Pegaspargase-induced hypertriglyceridemia in a patient with acute lymphoblastic leukemia. *J Oncol Pharm Pract* 2019 Mar 1. [Epub ahead of print]

R Schwartz:

- Older adults with lung cancer: assessment, treatment options, survivorship issues, and palliative care strategies. *Clin J Oncol Nurs* 2018;22:26-35.
- Clinical pharmacology of oncology agents in older adults: A comprehensive review of how chronologic and functional age can influence treatment-related effects. *J Geriatr Oncol* 2019;10:4-30.

A Seddon:

- Midostaurin administration in two hemodialysis patients. *J Oncol Pharm Pract*. 2018 Sep 26. [Epub ahead of print]
- New Food and Drug Administration-approved and emerging novel treatment options for acute myeloid leukemia. *Pharmacotherapy* 2018;38:1143-54.

A Shprecher:

- Compliance with clinical guidelines and adherence to antiretroviral therapy among patients living with HIV. *Curr Med Res Opin* 2018;15:1-9.

J Smith:

- Cost-effectiveness of niraparib and olaparib as maintenance therapy for patients with platinum-sensitive recurrent ovarian cancer. *J Manag Care Spec Pharm* 2018;24:1219-28.
- Identifying the need to refine the potential patient risk factors for niraparib-induced thrombocytopenia. *Gynecol Oncol* 2019;152:265-9.
- Evaluation fucoidan extracts from *Undaria pinnatifida* and *Fucus vesiculosus* in combination with

anticancer drugs in human cancer orthotopic mouse models. *Integr Cancer Ther* 2018;17:755-61.

S Smith:

- Erenumab: a first-in-class monoclonal antibody for migraine prevention. *Ann Pharmacother* 2019 Feb 27. [Epub ahead of print]
- ARB superiority over ACE inhibitors in coronary heart disease: an alternative viewpoint. *Pharmacotherapy* 2019;39:204-6.
- Resistant hypertension: detection, evaluation, and management: a scientific statement from the American Heart Association. *Hypertension* 2018;72:e53-90.
- Fixed-dose combination amlodipine/celecoxib (Consensi) for hypertension and osteoarthritis. *Am J Med* 2019;132:172-4.
- Optimal systolic blood pressure target in resistant and non-resistant hypertension: a pooled analysis of patient-level data from SPRINT and ACCORD. *Am J Med* 2018;131:1463-72.e7.
- Use of prescription medications that potentially interfere with blood pressure control in new-onset hypertension and treatment-resistant hypertension. *Am J Hypertens* 2018;31:1324-31.
- Cardiovascular outcomes of sodium glucose cotransporter-2 inhibitors in patients with type 2 diabetes. *Diabetes Obes Metab* 2019;21:28-36.
- Evaluation of SAME-TT2R2 score on predicting success with extended-interval warfarin monitoring. *Ann Pharmacother* 2018;52:1085-90.

S Soefje:

- Strategies to improve CINV outcomes in managed care. *Am J Manag Care* 2018;24(18 Suppl):S398-S404.
- Managing the economic impact of advanced pancreatic cancer. *Am J Manag Care* 2019;25(1 Suppl):S11-S16.

Y Sun:

- Pharmacometabolomics reveals a role for histidine, phenylalanine, and threonine in the development of paclitaxel-induced peripheral neuropathy. *Breast Cancer Res Treat* 2018;171:657-66.

K Weiss:

- Renal dysfunction within 90 days of FluBu4 predicts early and late mortality. *Bone Marrow Transplant* 2018 Oct 19. [Epub ahead of print]
- Bone marrow transplantation in patients with acute leukemia in Cuba: results from the last 30 years and new opportunities through international collaboration. *J Glob Oncol* 2018;4:1-7.
- Myelodysplastic syndrome and acute myeloid leukemia after receipt of granulocyte colony-stimulating

factors in older patients with non-Hodgkin lymphoma. *Cancer* 2019;125:1143-54.

- Preclinical IV busulfan dose-finding study to induce reversible myeloablation in a non-human primate model. *PLoS One* 2018;13:e0206980.
- Discontinuation and nonadherence to medications for chronic conditions after hematopoietic cell transplantation: a 6-year propensity score-matched cohort study. *Pharmacotherapy* 2019;39:55-66.
- Barriers and facilitators of using sensed medication adherence devices in a diverse sample of patients with multiple myeloma: qualitative study. *JMIR Cancer* 2018;4:e12.
- Collaborative physician-pharmacist-managed multiple myeloma clinic improves guideline adherence and prevents treatment delays. *J Oncol Pract* 2018;14:e674-82.
- Treatment of older patients with diffuse large B-cell lymphoma and mild cognitive impairment or dementia. *J Geriatr Oncol* 2018 Sep 27. [Epub ahead of print]
- Similar survival but increased toxicity with a sequential versus concurrent FluBu4 regimen. *Bone Marrow Transplant* 2018;53:1221-4.
- Tumor necrosis factor-alpha inhibitors and risk of non-Hodgkin lymphoma in a cohort of adults with rheumatologic conditions. *Int J Cancer* 2018;143:1062-71.
- A novel drug interaction between busulfan and blinatumomab. *J Oncol Pharm Pract* 2019;25:226-8.

J Thackray:

- Classification of the acute emetogenicity of chemotherapy in pediatric patients: a clinical practice guideline. *Pediatr Blood Cancer* 2019;66:e27646.
- Identifying clinical practice guidelines for the supportive care of children with cancer: a report from the Children's Oncology Group. *Pediatr Blood Cancer* 2019;66:e27471.

M Trivedi:

- The oral selective oestrogen receptor degrader (SERD) AZD9496 is comparable to fulvestrant in antagonising ER and circumventing endocrine resistance. *Br J Cancer* 2019;120:331-9.
- Identifying adherence barriers to oral endocrine therapy among breast cancer survivors. *Breast Cancer Res Treat* 2019;174:297-305.

K Valla:

- Intrathecal central nervous system prophylaxis in patients with diffuse large B-cell lymphoma at an academic healthcare System. *Clin Lymphoma Myeloma Leuk* 2019;19:89-94.

- Safety and survival outcomes for bloodless transplantation in patients with myeloma. *Cancer* 2019;125:185-93.
- Atrial fibrillation: considerations for the use of BTK inhibitors. *Oncology (Williston Park)* 2018;32:574-5.

CB Wagner:

- Small increase in dolutegravir trough, but equivalent total dolutegravir exposure with simeprevir in HIV/HCV seronegative volunteers. *J Antimicrob Chemother* 2018;73:156-9.

CM Walko:

- Precision medicine approaches for the management of Ewing sarcoma: current perspectives. *Pharmacogenomics Pers Med* 2019;12:9-14.
- Response to checkpoint inhibitor therapy in advanced classic Kaposi sarcoma: a case report and immunogenomic study. *J Natl Compr Canc Netw* 2018;16:797-800.
- Identification of clonal hematopoiesis mutations in solid tumor patients undergoing unpaired next-generation sequencing assays. *Clin Cancer Res* 2018;24:5918-24.

D Ward:

- Bisphosphonate use in pediatric oncology for pain management. *Am J Hosp Palliat Care* 2019;36:138-42.

KJ Weddle:

- Assessment of bleeding incidences associated with rivaroxaban therapy in adults with solid tumors. *J Oncol Pharm Pract* 2019;25:192-7.

J Weillnau:

- Improving uptake of hydroxyurea in patients with sickle cell disease: a retrospective study of a clinic-based change in consenting practices. *J Natl Med Assoc* 2018 Oct 9. [Epub ahead of print]
- Advocacy Committee on behalf of the Pediatric Pharmacy Advocacy Group. Position Paper: Pharmacists and Childhood Vaccines. *J Pediatr Pharmacol Ther* 2018;23:343-6.

G Wetzstein:

- Rapid infusion rituximab for maintenance therapy: is it feasible? *Leuk Res Treatment* 2013;2013:629283.

M Zdravkova:

- Bilateral angle closure following the infusion of a monoclonal antibody to treat relapsing multiple myeloma. *J Glaucoma* 2018;27:e145-7.

HIV PRN

Grants

- **Michienzi SM**, Burgos RM, Smith RO, et al. Cohort Study of Hepatitis C Virus Treatment with Zepatier (Elbasvir/Grazoprevir) in Genotype 1 or 4 HCV Treatment - Naïve or Peginterferon/Ribavirin - Experienced Patients with Substance Use in Urban, Multidisciplinary Specialty Clinics. Awarded by Merck.

Publications

- **Brizzi MB**, Novak R, **Chiampas TD**. Simplification of ART in a patient living with multidrug resistant HIV-1: A case report using twice daily cobicistat and darunavir. *Int J STD AIDS* 2019. [Epub ahead of print]
- Murdock RM, **Brizzi MB**, Perez O, **Badowski ME**. Public health considerations among people who inject drugs with HIV/HCV co-infection: a review. *Infect Dis Ther* 2019;8:23-32.
- Fischetti B, Shah K, Taft D, Berkowitz L, Bakshi A, **Cha A**. Real-world experience with higher-than-recommended doses of lamivudine in patients with varying degrees of renal impairment. *Open Forum Infect Dis* 2018;5:ofy225.
- **Cimino C**, Binkley A, Swisher R, et al. Antiretroviral considerations in HIV-infected patients undergoing bariatric surgery. *J Clin Pharm Ther* 2018;43:757-67.
- **George JM**, **Kuriakose SS**, Dee N, Stoll P, Lalani T, Dewar R, Khan MA, Rehman MT, Grossman Z, Maldarelli F, **Pau AK**. Editor's Choice: Rapid development of high-level resistance to dolutegravir with emergence of T97A mutation in 2 treatment experienced individuals with baseline partial sensitivity to dolutegravir. *Open Forum Infect Dis* 2018;5:1-4.
- Logothetis SJ, Borrego ME, Roberts MH, Bachyrycz A, Timmins GS, **Jakeman B**. Pharmacist perceptions of the New Mexico pharmacist-performed tuberculosis testing program. *J Am Pharm Assoc (2003)* 2018;58:647-51.
- Ryan K, **Jakeman B**, Conklin J, et al. Integration of pharmacist clinicians with expanded scope of practice into a patient-centered medical home serving patients living with or at risk of acquiring human immunodeficiency virus and/or hepatitis C virus: A real-world experience. *Am J Health-Syst Pharm*. In press.
- Sangiovanni RJ, **Jakeman B**, Nasiri M, et al. Relationship between contraindicated drug-drug interactions and subsequent hospitalizations among patients living with HIV initiating combination antiretroviral therapy. *AIDS Res Hum Retroviruses* 2019 Feb 27. [Epub ahead of print]

- **Michienzi SM**, Burgos RM, Novak RM. 591. Case report: mycobacterium conceptionense pneumonitis in an HIV-positive patient. *J Am Coll Clin Pharm* 2018;1:122-353.
- **Michienzi SM**, Burgos RM, Smith R, et al. Direct-acting antivirals: efficacy in a real-world, urban, underserved, HIV-HCV co-infected population. *Open Forum Infect Dis* 2018;5:S661-2. [Epub ahead of print]
- **Michienzi SM**, Schriever CA, Badowski ME. Abacavir/lamivudine/dolutegravir single tablet regimen in patients with human immunodeficiency virus and end-stage renal disease on hemodialysis. *Int J STD AIDS* 2019;30:181-7.
- Makita-Chingombe F, Ocque AJ, DiFrancesco R, Maponga CC, Muzambi F, **Monera-Penduka TG**, et al. 2019. Development and validation of a high-performance liquid chromatography method to determine nevirapine in plasma in a resource-limited setting. *Afr J Lab Med* 2019;8:a880.
- Vibhakar S, **Nowicki DN**, Huhn G, et al. 2235. A collaborative drug therapy management model for the treatment of hepatitis C virus (HCV) in an urban clinic. *Open Forum Infect Dis* 2018;5(Suppl 1):S661.

New ACCP Fellows

- **Melissa Badowski**
- **Christina Madison**

Poster Presentations

- **Chiampas TD**, **Michienzi SM**, McDonald T, Hamer T, **Badowski ME**. Real-world evaluation of switching from tenofovir disoproxil fumarate to tenofovir alafenamide in a diverse urban patient population. Poster accepted and to be presented at the 29th European Congress of Clinical Microbiology and Infectious Diseases 2019; April 13-16; Amsterdam, Netherlands.

Other Notable Achievements

- **Marisa Brizzi**: Scheduled to present a PharmTalk at APhA annual meeting titled "Pharmacist Driven Transitions of Care Services for Persons Living with HIV/AIDS"
- **Daniel Chastain**: BCIDP certification
- **Thomas Chiampas**: Co-presentation at ASHP Midyear's Meeting titled "The Rise of Sexually Transmitted Infections: An Alarming Trend of a Familiar Foe"
- **Esther Fasanmi**: Appointed to the Texas DSHS HIV Clinical Panel
- **Christina Madison**: Authored CME Webinar for Clinical Care Options HIV Pharmacy Essentials for HIV Pre-Exposure Prophylaxis.

- **Tsitsi G. Monera-Penduka:** Ph.D. in Clinical Pharmacology from the University of Zimbabwe College of Health Sciences.
- **Diana N. Nowicki:** AAHIVP certification
- **William Truong:** BCIDP certification

Immunology/Transplantation PRN

Publications

- Lea JC, Floroff CK, **Ingemi AI**, et al. Impact of time in therapeutic range after left ventricular assist device placement: a comparison between thrombus and thrombus-free periods. *J Thromb Thrombolysis* 2019;47:361-8.
- **Lichvar AB**, Ensor CR, Zeevi A, et al. Detrimental association of hypogammaglobulinemia with chronic lung allograft dysfunction and death is not mitigated by on-demand immunoglobulin G replacement after lung transplantation. *Prog Transplant* 2018 Dec 11. [Epub ahead of print]
- **Lichvar AB**, Tremblay S, Naik D, et al. Evaluation of clinical and safety outcomes following uncontrolled tacrolimus conversion in adult transplant recipients. *Pharmacotherapy* 2019 Mar 20. [Epub ahead of print]
- **Patel S**, Benken J, Thielke PW, et al. Three-year outcomes following positive cross match renal transplantation despite failure to convert to Negative Flow Cross Match after Desensitization. *J Clin Nephrol* 2018;2:029-038.
- Reese PP, Abt PL, Blumberg EA, Van Deerlin VM, Bloom RD, Potluri VS, Levine M, Porrett P, Sawinski D, Nazarian SM, Naji A, Hasz R, Suplee L, **Trofe-Clark J**, et al. Twelve-month outcomes after transplant of hepatitis C-infected kidneys into uninfected recipients: a single-group trial. *Ann Intern Med* 2018;169:273-81.
- Shah A, Kumar V, Palmer MB, **Trofe-Clark J**, et al. Native kidney BK virus nephropathy, a systematic review. *Transpl Infect Dis* 2019 Mar 25. [Epub ahead of print]

Poster Abstracts

- **Patel S**, Khalil K, Lichvar A, et al. Time within therapeutic range: a comparison of three tacrolimus formulations within ninety days of renal transplant. Poster abstract to be presented at: American Transplant Congress; June 2019; Boston, MA.
- Reticker A, Lichvar A, Gross A, Benedetti E, **Patel S**. The significance and impact of screening preservation fluid cultures in renal transplant recipients. Poster abstract to be presented at: American Transplant Congress; June 2019; Boston, MA.

Other Notable Achievements

- **Alicia Lichvar:** BPS Transplant Item Writing Workshop, Participant
- **Shree Patel:** Organized the first annual ITPA Symposium 2018, Chicago

Presentations

- **Alicia Lichvar:** Updates in Transplant Medicine. Presentation to patients and care providers. Living with Chronic Kidney Disease and Transplant Conference. National Kidney Foundation of Illinois; August 2018; Chicago, IL.
- **Alicia Lichvar:** Medication Nonadherence After Adult Organ Transplant, ATP session: 19th Annual State of the Art Winter Symposium, The Modern Transplant Surgeon: Striking the Right Balance; January 2019; Miami, FL.
- **Shree Patel:** Delaying valganciclovir: A smart move or playing with fire? To be presented at: American Transplant Congress; June 2019; Boston, MA.

Infectious Diseases PRN

The ID PRN continues to build on their previous successes. Their @accpindprn Twitter handle, and other social media outlets, are very active, hosting several timely chats. Look out for future opportunities for social meet ups at various national meetings, sponsored by our new Networking Committee!

Promotions

- **Khalid Eljaaly:** Head of the interprofessional research branch at King Abdulaziz University, Jeddah, Saudi Arabia
- **Kathryn Hernando:** Division Infectious Diseases Pharmacist, HCA North Florida Division
- **Brian Hughes:** Clinical Pharmacy Supervisor
- **Whitney Nesbitt:** Clinical Pharmacy Specialist
- **Sandy Rhie:** Tenure (South Korea)

Board Certification in Infectious Diseases (BCIDP)

- **Samuel Aitken**
- **Tony Anderson**
- **Amanda Barner**
- **Matt Brown**
- **Dustin Carr**
- **Elias Chahine**
- **Daniel Chastain**
- **Brandon Dionne**
- **Monica Donnelley**
- **Khalid Eljaaly**
- **Gary Fung**
- **Stephanie Giancola**
- **Shellee Grim**

- Alan Gross
- Kathryn Hernando
- Wesley Kufel
- Ryan Kuhn
- Ann Lloyd
- Monica Mahoney
- Neha Manchandia
- Christopher McCoy
- Whitney Nesbitt
- Jeffrey Pearson
- Gregory Perry
- Radhika Polisetty
- Hana Rac
- Maressa Santarossa
- Marisel Segarra-Newnham
- Jamie Thomas
- William Truong

Awards

- **Sara Alosaimy:** ACCP ID PRN 2018 Distinguished Resident/Fellow Award; MAD ID travel award
- **Rachel Britt:** IDWeek trainee travel grant
- **Elias Chahine:** Education Award, ACCP; Health-System Pharmacist of the Year Award, Parata Systems/Pharmacy Times; Gita Patel Best Practice Recognition, SIDP
- **Lindsey Childs-Kean:** Newcomb College Institute of Tulane University Young Alumna of the Year
- **Chris Destache:** Patent Approval by the US Patent Office
- **Monica Donnelley:** Research Preceptor of the Year, University of California Davis Health
- **Betsy Hirsch:** Professor of the Semester, Fall 2018, UMN College of Pharmacy Class of 2020
- **Krutika Mediwala:** ACCP ID PRN Member Spotlight, January 2019
- **Gregory Perry:** IDSA Center of Excellence for Antimicrobial Stewardship
- **Warren Rose:** ACCP ID PRN 2018 Distinguished Investigator Award

Grants

- **Elias Chahine:** Intramural grant to Assess Adherence to the 2017 IDSA/SHEA Clinical Practice Guidelines for *Clostridium difficile* Infection
- **Chris Destache:** Creighton University Wareham Research Award
- **Debra Goff:** ASP Grant; Neonatal Antibiotic Stewardship Preceptorship Program for Pharmacists, South Africa and the Ohio State University, \$100,000; Global NICU Antibiotic Point Prevalence Study, Nationwide Children's Hospital and Ohio State University, \$140,000
- **Wesley Kufel:** 2018 ASHP New Investigator Research Grant

- **Nicholas Mercurio:** CDC BAA contract
- **Warren Rose:** NIH R21, Co-investigator

Publications:

- Li X, Arias CA, **Aitken SL**, et al. Clonal emergence of invasive multidrug-resistant *Staphylococcus epidermidis* deconvoluted via a combination of whole-genome sequencing and microbiome analyses. Clin Infect Dis 2018;67:398-406.
- **Almangour TA, Perry GK, Terriff CM**, et al. Dalbavancin for the management of gram-positive osteomyelitis: Effectiveness and potential utility. Diag Microbiol Infect Dis 2019;93:213-8.
- **Alosaimy S, Jorgensen SCJ, Rybak MJ.** The optimal use of the polymyxins before their time is up. Pharmacotherapy 2019;39:7-9.
- **Alosaimy S**, Qato D, Alsherhri B, et al. Health Care Among Immigrant and refugee Arab-Americans in the United States. Handbook of Health Care in the Arab World. Springer. In press.
- **Alosaimy S**, Vaidya A, Day K, et al. Effect of a pharmacist-driven medication management intervention among older adults in an inpatient setting. Drugs Aging 2019;36:371-8.
- Alshamsan A, Aleanizy FS, Badran M, **Alosaimy S.** Exploring anti-MRSA activity of chitosan-coated liposomal dicloxacillin. J Microbiol Methods 2019;156:23-8.
- **Amsden JR, Slain D.** Dosing antifungals in obesity – a literature review. Current Fungal Infect Rep 2019;13:1-12.
- Camargo JF, **Anderson AD**, Rosa R, et al. Use of maintenance therapy and incidence of recurrent Cytomegalovirus DNAemia among allogeneic hematopoietic cell transplant recipients. Transpl Infect Dis 2019;e13054.
- Jackson E, Thai X, Bruno-Murtha L, **Barner A.** Impact of tiered interventions to decrease routine urine cultures in asymptomatic patients undergoing arthroplasty. Infect Control Hosp Epidemiol 2019;40:109-110.
- **Beganovic M, McCreary EK, Mahoney MV, Dionne B**, Green DA, **Timbrook TT.** Interplay between rapid diagnostic tests and antimicrobial stewardship programs among patients with bloodstream and other severe infections. J Appl Lab Med 2019;3:601-16.
- **Beganovic M, Timbrook TT**, Wiczorkiewicz SM. Predictors of time to effective and optimal antimicrobial therapy in patients with positive blood cultures identified via molecular rapid diagnostic testing. Open Forum Infect Dis 2019;6:ofy350.
- **Bland CM, Bookstaver PB, Griffith NC, Heil EL, Jones BM, Justo JJ**, Staicu ML, **Torney NP, Wall GC.** A practical guide for pharmacists to

- successfully implement penicillin allergy skin testing. *Am J Health-Syst Pharm* 2019;76:136-47.
- **Bland CM**, Pai A, Lodise TP. Reappraisal of contemporary pharmacokinetic/pharmacodynamic principles for informing aminoglycoside dosing. *Pharmacotherapy* 2018;38:1229-38.
 - Porter AM, **Bland CM**, **Young HN**, **Allen DR**, Croft SR, Gayheart RE, Miller PW, Musgrove RJ, Robertson EM, **Gibson GM**. Comparison of pharmacist-directed management of multiplex PCR blood culture results with conventional microbiology methods on clinical outcomes within a community hospital. *Antimicrob Agents Chemother* 2018;63:pii:e01575-18.
 - **Britt RS**, **Pearson JC**, **Mahoney MV**, et al. Ceftaroline-induced thrombocytopenia: a case report. *Ann Pharmacother* 2019 Feb 27. [Epub ahead of print]
 - **Chahine EB**. The rise and fall of metronidazole for *Clostridium difficile* infection. *Ann Pharmacother* 2018;52:600-2.
 - Dougherty JA, **Chahine EB**. Providing additional “muscles” for older adults through optimal influenza vaccine selection. *Ann Pharmacother* 2018;52:936-41.
 - James SF, **Chahine EB**, **Sucher AJ**, et al. Shingrix: the new adjuvanted recombinant herpes zoster vaccine. *Ann Pharmacother* 2018;52:673-80.
 - Moore GD, Arya V, **Chahine EB**, et al. Report of the 2017-2018 Strategic Engagement Standing Committee. *Am J Pharm Educ* 2018;82:7148.
 - **Chastain DB**, Davis A. Treatment of chronic osteomyelitis with multi-dose oritavancin: a case series and literature review. *Int J Antimicrob Agents* 2018 Dec 8. [Epub ahead of print]
 - **Chastain D**, Giles RL, **Bland CM**, et al. Lipid-associated formulations of amphotericin B: an international clinical pharmacist survey of adverse event prevention strategies. *Infect Dis* 2019.
 - **Chastain DB**, Giles RL, **Bland CM**, Franco-Paredes C, Henao-Martínez AF, Young HN. A clinical pharmacist survey of prophylactic strategies used to prevent adverse events of lipid-associated formulations of amphotericin B. *Infect Dis (Lond)* 2019 Feb 18. [Epub ahead of print]
 - Bruner KT, Franco-Paredes C, Henao-Martínez AF, Steele GM, **Chastain DB**. *Cryptococcus gattii* complex infections in HIV-infected patients, southeastern United States. *Emerg Infect Dis* 2018;24:1998-2002.
 - Vela-Duarte D, Nyberg E, Sillau S, Pate A, Castellanos P, **Chastain DB**, et al. Lacunar stroke in cryptococcal meningitis: clinical and radiographic features. *J Stroke Cerebrovasc Dis* 2019 Jan 14. [Epub ahead of print]
 - White BP, Patel S, Tsui J, **Chastain DB**. Adding double carbapenem therapy to the armamentarium against carbapenem-resistant enterobacteriaceae bloodstream infections. *Infect Dis (Lond)* 2019 Jan 21. [Epub ahead of print]
 - **Childs-Kean LM**. Antifungal Drugs. In: Whalen K, Radakrishnan R, Feild C, eds. Lippincott's Illustrated Reviews – Pharmacology (7th ed). Philadelphia, PA: Lippincott Williams & Wilkins; 2018.
 - **Childs-Kean LM**, Briggs HL, **Cho JC**. All Aboard!: Involvement of medical and pharmacy trainees in antimicrobial stewardship. *Infect Control Hosp Epidemiol* 2019;40:200-5.
 - **Childs-Kean LM**, Deemer K, Madruga C. Advances in hepatitis C treatment: The era of Direct-Acting Antivirals (DAAs). *Drug Topics* 2018;162:36-41.
 - **Childs-Kean LM**, Egelund EF, Jourjy J. Tenofovir alafenamide for the treatment of chronic hepatitis B mono-infection. *Pharmacotherapy* 2018;38:1051-7.
 - **Childs-Kean LM**. Gastrointestinal Infections: Travelers' Diarrhea and *Clostridioides difficile* Infection. Pharmacy Library's PharmacotherapyFirst: A Multimedia Learning Resource, Washington, DC: American Pharmacists Association; 2018.
 - **Cimino C**, Binkley A, Swisher R, et al. Antiretroviral considerations in HIV-infected patients undergoing bariatric surgery. *J Clin Pharm Ther* 2018;43:757-67.
 - **Covington EW**, Baldwin BJ, Warren E. Pharmacy-led β -lactam allergy interview (BLAI) reduces duration of fluoroquinolones within a community hospital. *Ann Pharmacother* 2019 Jan 28. [Epub ahead of print]
 - **Davis MR**, Nguyen MVH, **Donnelley MA**, et al. Tolerability of long-term fluconazole therapy. *J Antimicrob Chemother* 2019;74:768–71.
 - Mandal S, Kang G, Prathipati PK, Fan W, Li Q, **Destache CJ**. Long-acting parenteral antiretrovirals loaded into a nano-drug delivery system for HIV-1 treatment: Humanized mouse model study. *Antivir Res* 2018;156:85-91.
 - Mandal S, Prathipati PK, Kang G, Zhao Y, Fan W, Li Q, **Destache CJ**. Nanoencapsulation introduces long-acting phenomenon to tenofovir alafenamide and emtricitabine drug combination: A comparative pre-exposure prophylaxis efficacy study against HIV-1 vaginal transmission. *J Contr Rel* 2018;294:216-25.
 - Pandya A, Prathipati PK, Hegde P, Li W, Graham K, Mandal S, Drescher K, **Destache CJ**, et al. Indole-2-carboxamides are active against an acute Mycobacterium abscessus infected mouse model. *Antimicrob Agents Chemother* 2019;63:pii:e02245-18.

- Prathipati PK, Mandal S, **Destache CJ**. LC-MS/MS method for the simultaneous determination tenofovir, emtricitabine, elvitegravir, rilpivirine analysis on dried blood spots. *Biomed Chromatogra* 2018;e4270.
- Prathipati PK, Mandal S, **Destache CJ**. Development and validation of LC-MS/MS method for quantification of bicitegravir in human plasma and its application to an intracellular uptake study. *Biomed Chromatogra* 2018 Sep 4:e4379.
- **Dilworth TJ, Casapao AC**, Ibrahim OM, Jacobs DM, Bowers DR, Beyda ND, **Mercier RC**. Adjuvant β -lactam therapy combined with vancomycin for methicillin-resistant *Staphylococcus aureus* (MRSA) bacteremia: Does β -lactam class matter? *Antimicrob Agents Chemother* 2019;63:pil:e02211-18.
- **Dodds Ashley E, Davis SL, Heil EL, LaPlante KL, Chahine EB, Bosso JA**. Best care for patients is achieved through multi-disciplinary stewardship. *Clin Infect Dis* 2018;67:1637.
- **Eljaaly K**. Community-acquired pneumonia: Opportunities for generalist stewardship pharmacists. *Pharmacy Times* Sep 2018.
- **Eljaaly K, Alharbi A, Alshehri S, Ortwine JK, Pogue JM**. Plazomicin: A novel aminoglycoside for the treatment of resistant gram-negative bacterial infections. *Drugs* 2019;79:243-69.
- **Eljaaly K, Alshehri S, Bhattacharjee S, et al**. Contraindicated drug-drug interactions associated with oral antibacterial agents prescribed in the ambulatory care setting in the United States. *Clin Microbiol Infect* 2018 Aug 11. [Epub ahead of print]
- **Eljaaly K, Enani M, Al-Tawfiq JA**. Impact of carbapenem versus non-carbapenem treatment on the rates of superinfection: A meta-analysis of randomized controlled trial. *J Infect Chemother* 2018;24:915-20.
- **El-Lababidi RM, Mooty M, Bonilla MF, et al**. Implementation and outcomes of an advanced antimicrobial stewardship program at a quaternary care hospital in the United Arab Emirates. *J Am Coll Clin Pharm* 2019 Feb 22. [Epub ahead of print]
- **Foolad F, Aitken SL, Chemaly RF**. Letermovir for the prevention of cytomegalovirus infection in adult cytomegalovirus-seropositive hematopoietic stem cell transplant recipients. *Expert Rev Clin Pharmacol* 2018;11:931-41.
- **Foolad F, Aitken SL, Shigle TL, et al**. Oral versus aerosolized ribavirin for the treatment of respiratory syncytial virus infections in hematopoietic cell transplantation recipients. *Clin Infect Dis* 2018 Sep 8. [Epub ahead of print]
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- **Gallagher JC, Justo JA, Chahine EB, Bookstaver PB, Scheetz M, Suda KJ, Fehrenbacher L, Klinker KP, MacDougall C**. Preventing the post-antibiotic era: training future pharmacists as antimicrobial stewards. *Am J Pharm Educ* 2018;82:6770.
- **Gallagher JC, Satlin MJ, Elabor A, Saraiya N, McCreary EK, Molnar E, El-Beyrouty C, Jones BM, Dixit D, Heil EL, Claeys KC, Hiles J, Vyas NM, Bland CM, et al**. Ceftolozane-tazobactam for the treatment of multidrug-resistant *Pseudomonas aeruginosa* infections: A multicenter study. *Open Forum Infect Dis* 2018:ofy280.
- **Gauthier TP, Toro M, Carrasquillo MZ, et al**. A PrEP model incorporating clinical pharmacist encounters and antimicrobial stewardship program oversight may improve retention in care. *Clin Infect Dis* 2019;68:347-9.
- **Goff DA**. The core elements of human antibiotic stewardship programs in resource-limited settings: National and Hospital Levels. 2018 Oct. US Department of Health and Human Services Centers for Disease Control and Prevention. (acknowledgement for contribution)
- **Goff DA, File T**. The risk of prescribing antibiotics “just-in-case” there is infection. *Seminars in Colon and Rectal Surg* 2018;29:44-8.
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- **Grace E, Chahine EB**. Updates on *Clostridioides (Clostridium) difficile* infection with emphasis on long-term care. *Sr Care Pharm* 2019;34:29-42.
- **Gross AE, Hanna D, Rowan SA, et al**. Successful implementation of an antibiotic stewardship program in an academic dental practice. *Open Forum Infect Dis* 2019;6:ofz067.
- **Gross AE, Xu H, Zhou D, et al**. Simplified aztreonam dosing in patients with end stage renal disease: results of a Monte Carlo simulation. *Antimicrob Agents Chemother* 2018;62:e01066-18.
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 - Rees CA, Nasir M, Smolinska A, Lewis AE, Kane KR, Kossmann SE, Sezer O, Zucchi PC, Doi Y, **Hirsch EB**, et al. Detection of high-risk carbapenem-resistant *Klebsiella pneumoniae* and *Enterobacter cloacae* isolates using volatile molecular profiles. *Sci Rep* 2018;8:13297.
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 - Pawar AM, **Laplante KL, Timbrook TT**, et al. Improved survival with continuation of statins in bacteremic patients. *SAGE Open Med* 2018;6:1-7.
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 - Permpalung N, **Mahoney MV**, Alonso CD. Adjunctive use of cidofovir and intravenous immunoglobulin to treat invasive adenoviral disease in solid organ transplant recipients. *Pharmacotherapy* 2018;38:1260-6.
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 - Benanti GE, Brown ART, Shigle TL, Tarrand JJ, Bhatti MM, **McDanel PM**, Shelburne SA, **Aitken SL**. Carbapenem versus cefepime or piperacillin-tazobactam for empiric treatment of bacteremia due to extended-spectrum- β -lactamase-producing *Escherichia coli* in patients with hematologic malignancy. *Antimicrob Agents Chemother* 2019;63:pil:e01813-18.
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- **Shaer KM**, Zmarlicka MT, **Chahine EB**, Piccicacco N, **Cho JC**. Plazomicin: a next-generation aminoglycoside. Pharmacotherapy 2019;39:77-93.
- **Timbrook TT**, Spivak ES, Hanson KE. Current and future opportunities for rapid diagnostics in antimicrobial stewardship. Med Clin North Am 2018;102:899-911.
- Caffrey AR, Babcock Z, Lopes VV, **Timbrook TT**, **Laplante K**. Wide variability in the treatment of bloodstream infections from antibiotic exposure mapping. Pharmacoepidemiol Drug Saf 2019. In press.
- Caffrey AR, **Timbrook TT**, Ali SR, et al. Proton pump inhibitors do not influence clinical outcomes in patients with *Staphylococcus aureus* bacteremia. Therap Adv Gastroenterol 2019;12:1756284819834273.
- Parente DM, Cunha CB, Mylonakis E, **Timbrook TT**. Reply to Burnham, Kakol, Vazquez-Guillamet [letter]. Clin Infect Dis 2019;68:1251-2.
- Folan SA, Marx KR, **Tverdek FP**, Raad I, Mulanovich VE, Tarrand JJ, Shelburne SA, **Aitken SL**. Clinical outcomes associated with linezolid resistance in leukemia patients with linezolid-resistant *Staphylococcus epidermidis* bacteremia. Open Forum Infect Dis 2018 Jul 13;5:ofy167.
- **Wenzler E, Timbrook TT**, Wong JR, et al. Implementation and optimization of molecular rapid diagnostic tests for bloodstream infections. Am J Health-Syst Pharm 2018;15:1191-202.

New ACCP Fellows:

- **Mohammed Alotaibi**
- **Warren Rose**

Other Notable Achievements:

- **Sara Alosaimy**: BCPS certification
- **Mario Beccari**: BCPS certification; AAHIVP certification
- **Brandon Dionne, Meghan Jeffres, Julie Justo, Tristan Timbrook**: ASHP Midyear 2018 speakers for The Great ID Debates of One-Eight
- **Monica Donnelley**: Presented 2 talks at the Society of Critical Care Medicine Congress, February 2019 (“Antibiotics Shiny and New?” and “Mysteries of History: Decoding Patient Drug Allergies”)

- **Rania Lababidi**: Establishment of an ASP Academy – a practice based program to train pharmacists in the community on how to implement ASPs in their institutions
- **Ryan Kuhn**: AAHIVP certification
- **Monica Mahoney**: Delivered a live webinar module on Rapid Diagnostic Testing as part of the SIDP Antimicrobial Stewardship Certificate program
- **Monica Mahoney**: Served as program chair for an ASHP Midyear 2018 session: The Great ID Debates of One-Eight

Nephrology PRN

Awards

- **Nguyen T**. Awarded the Frederick B. Kilmer Award from the New Jersey Pharmacists Association held at the 148th Annual Convention, 2018.

Grants

- **Meaney CJ** et al. Regulatory T Cell Response to Erythropoiesis Stimulating Agents Post Renal Transplantation. American College of Clinical Pharmacy Immunology/Transplantation PRN Grant.

Publications

- **Awdishu L**, Connor AI, Bouchard J, et al. Dosing antimicrobials in patients with acute kidney injury not receiving renal replacement therapy. J Clin Med 2018;7:211.
- **Awdishu L**, Morello CM. Efficacy and safety of GLP-1 agonists in chronic kidney disease: a case series. Clin Med Rev Case Rep 2018;5:242.
- Brandl K, Schneid SD, Tsunoda SM, **Awdishu L**. A redesigned pharmacology series increases students' satisfaction and is associated with improved performance in therapeutics. Am J Pharm Educ 2018 Oct 17. [Epub ahead of print]
- Bullen A, **Awdishu L**, Lester W, et al. Effect of acupuncture or massage on health-related quality of life of hemodialysis patients. J Altern Complement Med 2018;24:1069-75.
- Kozuch J, Feist A, Yung G, **Awdishu L**, et al. Low dose posaconazole delayed release tablets for fungal prophylaxis in lung transplant recipients. Clin Transplant 2018 May 28:e13300.
- Makunts T, Cohen I, **Awdishu L**, et al. Analysis of postmarketing safety data for proton-pump inhibitors reveals increased propensity for renal injury, electrolyte abnormalities, and nephrolithiasis. Scientific Reports 2019;9:2282.
- Mir S, Li Y, Story J, Bal S, **Awdishu L**, et al. Mice overexpressing chromogranin A display hypergranulogenic adrenal glands with attenuated ATP

- levels contributing to the hypertensive phenotype. *J Hypertens* 2018;36:1115-28.
- Ponce D, Zamoner W, Moreira Freitas F, Balbi A, **Awdishu L**. Vancomycin removal during high volume peritoneal dialysis in acute kidney injury patients: a prospective cohort clinical study. *Kidney Int Rep* 2018;4:112-8.
 - **EI Nekidy WS** et al. Efficacy of intravenous ferumoxytol compared to sodium ferric gluconate for anemia management in outpatient hemodialysis population [abstract]. American Society of Nephrology; Oct 5, 2018; Seattle, WA, USA.
 - **EI Nekidy WS**. Renal replacement therapy in chronic kidney disease. Ambulatory Care Self-Assessment Program. 2018 Book 3 Nephrologic/Geriatric Care. Lenexa, KS: American College of Clinical Pharmacy. September 17, 2018.
 - **Fravel M**, Bald E, Fraer M. Antihypertensive agents in the dialysis patient. *Current Hypertens Rep* 2019;21:5.
 - **Jang SM**, Clark JS, **Mueller BA**. Update on preparation of solutions for continuous renal therapy. *Am J Health-System Pharm* 2018;75:931-2.
 - **Jang SM**, Gharibian KN, **Lewis SJ**, Fissell WH, Tolwani AT, **Mueller BA**. A Monte Carlo simulation approach for beta-lactam dosing in critically ill patients receiving prolonged intermittent renal replacement therapy. *J Clin Pharmacol* 2018;58:1254-65.
 - **Jang SM**, Hough G, **Mueller BA**. Ex vivo rezafungin adsorption and clearance during continuous renal replacement therapy. *Blood Purification* 2018;46:214-9.
 - **Lewis SJ**, **Mueller BA**. Development of a vancomycin dosing approach for critically ill patients receiving hybrid hemodialysis using Monte Carlo Simulation. *SAGE Open Med* 2018;11:6:2050312118773257.
 - **Meaney CJ**, Karas S, Robinson B, et al. Out with the old, in with the new: Defining novel metrics of erythropoiesis-stimulating agent response in hemodialysis patients. *J Clin Pharmacol* 2019;59:418-26.
 - **Meaney CJ**, O'Connor M, McGowan M, et al. Treatment of prolonged tacrolimus toxicity using phenytoin in a hemodialysis patient. *J Clin Pharm Ther* 2019 Mar 24. [Epub ahead of print]
 - Fusco NM, Prescott WA, **Meaney CJ**. Pharmacokinetic monitoring of vancomycin in cystic fibrosis: Is it time to move past trough concentrations? *Pediatr Infect Dis J* 2019;38:258-62.
 - Barreto EF, **Mueller BA**, Kane-Gill SL, et al. Beta-lactams: The competing priorities of nephrotoxicity, neurotoxicity, and stewardship. *Ann Pharmacother* 2018;52:1167-8.
 - Sargel C, Aboud M, Forster A, Langman L, Tansmore J, **Mueller B**, et al. Intravenous ribavirin for parainfluenza and respiratory syncytial virus lower respiratory tract infection in an infant receiving extracorporeal membrane oxygenation and continuous renal replacement therapy. *J Pediatr Pharmacol Ther* 2018;23:337-42.
 - Shaw AR, Chaijamorn W, Clark JS, **Mueller BA**. Preparation times and costs for various solutions used for continuous renal replacement. *Am J Health-System Pharm* 2018;75:808-15.
 - **Nguyen T**. Angioedema related to angiotensin-converting enzyme inhibitors and angiotensin receptor blockers. *J Nurse Pract* 2018;14:690-1.
 - **Nguyen T**, Shoukhardin I, Gouse A. Dulexetine uses in patients with kidney disease: different recommendations from the United States versus Europe and Canada. *Am J Ther* 2018;0:1-4.
 - **Nguyen T**, Vetchev K, Nguyen TV. Mannitol role in the management of intradialytic hypotension. *Am J Ther* 2018 Sep 21. [Epub ahead of print]
 - **Nguyen T**, Wang AZ. Cardiovascular screening and early detection of heart disease in adults with chronic kidney disease. *J Nurse Pract* 2019;15:34-40.
 - Nnani DU, **Nguyen T**, Jariwala A, et al. Incorrect prescribing for hemodialysis patients. *Am J Ther* 2018 Apr 19. [Epub ahead of print]

Pain and Palliative Care PRN

Awards

- **Mary Lynn McPherson**: Debra Sivesind Career Award for Outstanding Contributions to Palliative Care, MD Anderson Cancer Center; Cardinal Health Generation Rx Champions Award, Maryland Pharmacists Association 2018.
- **Kashelle Lockman**: Interprofessional Exchange in Palliative Care Program, University of Louisville, November 2018.

Publications

- **Faley B**, Jacks J, Brownlee M, Lueth J, **Lockman K**. A single center evaluation of moral distress among pharmacists at an academic medical center [poster]. 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy; October 2018; Seattle, WA.
- **Lockman K**, Thomas D, and Hill LH. Adult learning theories in pharmacy education. In: Thomas D. *Clinical Pharmacy Education, Practice, and Research*. Cambridge, MA: Elsevier, January 2019.
- Fisher L, Ray JB, **Lockman K**. Evaluation of naloxone co-prescribing in ambulatory patients receiving palliative care [poster]. 2018 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy; October 2018; Seattle, WA.

- Fisher L, Ray JB, **Lockman K**. What's the risk? Naloxone co-prescribing in an outpatient palliative care clinic (FR440C) [abstract]. J Pain Symptom Manage 2019;57:419.
- Gandotra S, Ravichandran B, **Lockman DK**, et al. Impact of de-escalation of antibiotic surgical prophylaxis in lung transplant recipients [poster]. ID Week; October 2018; San Francisco, CA.
- **McPherson ML**. Demystifying Opioid Conversion Calculations: A Guide for Effective Dosing, 2nd Ed. Bethesda, MD: American Society of Health-System Pharmacists, 2018.
- **McPherson ML, Walker KA**, Davis MP, Bruera E, Reddy A, Paice J, Malotte K, **Lockman DK**, et al. Safe and appropriate use of methadone in hospice and palliative care: expert consensus white paper. J Pain Symptom Manage 2019;57:635-45.
- Kadoyama KL, Noble BN, Izumi S, Fromme EK, Tjia J, **McPherson ML**, et al. Frequency and documentation of medication decisions on discharge from the hospital to hospice care. J Am Geriatr Soc. 2019 Mar 10. [Epub ahead of print]
- McPherson AL, **McPherson ML**. Deprescribing: right-sizing medication regimens to optimize outcomes in palliative care. Current Geriatric Reports 2019;8:21-30.
- **McPherson ML**. The future of pain management: An expert's roundtable [interviewed]. Practical Pain Management Jan/Feb 2019;25-32.
- Felton M, Tannenbaum C, **McPherson ML, Pruskowski J**. Communication techniques for deprescribing conversations. Fast Facts and Concepts #369, December 2018.
- Eisenberg E, Vulfsons S, **Peterson D**. Neuropathic Pain Pharmacotherapy. In: Fishman SM, Ballantyne JC, Rathmell JP, eds. Bonica's Management of Pain. 5th edition. 2018.
- **Puthoff TD**, Shah H, Slaughter JL, et al. Reduction of analgesia duration after tracheostomy during neonatal intensive care: a quality initiative. Pediatr Qual Saf 2018;3:e106.
- **Uritsky TJ**, Atayee RS, **Herndon CM, Lockman K, McPherson ML**, et al. Ten tips palliative care pharmacists want the palliative care team to know when caring for patients. J Palliat Med 2018;21:1017-23.
- **Uritsky T, Lockman K**. #Benzopioid: Is it time for this power couple to break up? [presentation]. 22nd International Congress on Palliative Care; October 2018; Montreal, Canada.

Other Notable Achievements

- **Lynn Hamil, R. Lucarelli**: Presentation selected as a "Best Practice Pearl" at the NYSCHP Annual Assembly: "Assessing opioid use before and after

implementation of multi-modal pain management for post-operative c-section patients."

The following ACCP Pain and Palliative Care PRN members were scheduled to present at the American Academy of Hospice and Palliative Medicine Annual Assembly, March 2019:

- **Stephanie Abel**
- **Sandra DiScala**
- **Jessica Geiger-Hayes**
- **Kashelle Lockman**
- **Leah Sera**
- **Michael Smith**
- **Kathryn Walker**

Pediatrics PRN

Several Pediatrics PRN subcommittees have been developing new programming and opportunities for its members. Highlights are as follows:

Education Committee: Resident and fellow journal clubs - please keep your eye on the PRN's e-mail list and Facebook page for more information.

Education Committee: Focus session for this year's ACCP Annual Meeting has been submitted and is currently under review. The proposal is an update in the emerging medical use of cannabinoid products in the pediatric population.

Research Committee: Continues to support PRN members in their research and scholarly endeavors. The Pediatrics PRN is excited for the opportunity to sponsor eligible Pediatrics PRN members to participate in ACCP FIT and/or ACCP MeRIT program. If approved, the sponsorship would provide eligible applicants with financial support to cover part of the ACCP FIT/MeRIT tuition. More information can be found on the PRN website (<http://pediprn.accp.com/>).

Travel Awards Committee: Will provide two Awards again this year, one for students and one for residents.

Social Media Committee: Manages our Facebook (<https://facebook.com/accpipediprn/>) and Twitter (@accpipediprn) accounts. Check them out for creative content including literature updates, polling questions and sub-specialty themed months of content.

Nominations Committee: Currently seeking nominations for the chair-elect and secretary/treasurer positions. More information on how to apply/nominate an active PRN member, together with descriptions of the respective offices, has been e-mailed to PRN members and is also posted to our website and social media outlets.

Nominations Committee: To continue to recognize the PRN members' work, the PRN is also excited to continue Awards for PRN Outstanding Practitioner and PRN

Achievement. Please consider nominating deserving colleagues for each of these Awards. Nominations and materials will be due early August, so look for award and deadline information in early summer. All Awards will be presented at the PRN Business Meeting at the ACCP Annual Meeting in October. Congratulations to our 2018 recipients: **Peter (Pete) N. Johnson** (2018 PRN Outstanding Practitioner) and **Elizabeth Farrington** (2018 PRN Achievement).

Promotions

- **Nicholas M. Fusco:** Clinical Associate Professor, Department of Pharmacy Practice, University at Buffalo School of Pharmacy and Pharmaceutical Sciences
- **Hanna Phan:** Assistant Department Head, Department of Pharmacy Practice and Science, The University of Arizona, College of Pharmacy
- **Chasity M. Shelton:** Assistant Dean for Student Success and Wellness, University of Tennessee Health Science Center College of Pharmacy

Awards

- Kelley Lee, **Chasity M. Shelton**, **Jeremy Stultz**, Bindiya Bagga, and Sandra Arnold: Performance Excellence Award, Fall 2018 for Reducing Use of Broad Spectrum Antibiotics. Methodist-Le Bonheur Healthcare – Le Bonheur Children’s Hospital Antimicrobial Stewardship Program
- **Leigh Peek:** University of Oklahoma College of Pharmacy 2018 Outstanding Young Alumni

Grants

- **Allison Blackmer**
Expansion of Clinical Pharmacy Services in the Children’s Hospital Colorado Special Care Clinic – Comprehensive Medication Management for Children and Youth with Special Healthcare Needs in a Predominantly Medicaid-Serviced Population. Source/Funding Agency: CU Medicine agreement with the Colorado Department of Health Care Policy & Financing (HCPF).
Evaluation of Clinical Pharmacy Services in United States Pediatric Ambulatory Care Settings. Source/Funding agency: Department of Clinical Pharmacy Faculty Grant Program, Spring 2018.
- **Nicholas M. Fusco:** Detecting Vancomycin Induced Acute Kidney Injury in Children Using Novel Urinary Biomarkers. Source/Funding Agency: The University at Buffalo School of Pharmacy and Pharmaceutical Sciences Seed Grant Program.
- **Hanna Phan**
Medication Education in Cystic Fibrosis (CF) Care Centers: Perspectives of Persons with CF, Caregivers of Infants/Children/Adolescents with

CF, and CF Healthcare Providers. Source/Funding Agency: The University of Arizona College of Pharmacy Health Disparities Grant, Arizona Area Health Education Center.

Complementary Alternative Medicine (CAM), Cannabis, and Therapeutic Diets in Cystic Fibrosis (CF): Perspectives of Persons with CF, Caregivers of Infants/Children/Adolescents with CF, and CF Healthcare Providers. Source/Funding Agency: The University of Arizona College of Pharmacy Health Disparities Grant, Arizona Area Health Education Center.

Publications

- **Blackmer AB.** Fluids, electrolytes, and nutrition. In: Bernhardt MB, Blackmer AB, Capparelli E, et al., eds. Updates in Therapeutics®: Pediatric Pharmacy Preparatory Review and Recertification Course, 2018 ed. Lenexa, KS: American College of Clinical Pharmacy, 2018:3-35.
- **Blackmer AB.** Fluids and electrolytes in pediatric patients. In: Buck ML, Manasco KB, eds. Pediatric Self-Assessment Program, 2018 Book 2. Fluids, Electrolytes, and Nutrition. Lenexa, KS: American College of Clinical Pharmacy, 2018:7-27.
- **Blackmer AB,** Thompson M, Brunner JM, et al. Implementation and assessment of a novel APPE Intersession course to assess near terminal student competence. American J Pharm Educ 2018;82:Article 6460.
- Chen JW, Borgelt LM, **Blackmer AB.** Epidiolex (cannabidiol): a new hope for patients with Dravet or Lennox-Gastaut syndromes. Ann Pharmacother 2019 Jan 8. [Epub ahead of print]
- Compher C, Jain A, Nichol P, **Blackmer A,** et al. Research agenda 2018: the American Society for Parenteral and Enteral Nutrition. J Parenter Enteral Nutr 2018;42:838-44.
- Dickerson RN, Kumpf VJ, Bingham AL, **Blackmer AB,** et al. Significant published articles for pharmacy nutrition support practice in 2017. Hosp Pharm 2018;53:239-46.
- Sabus A, Feinstein J, Romani P, Goldson E, **Blackmer A.** Management of self-injurious behaviors in children with neurodevelopmental disorders: a pharmacotherapy overview. Pharmacotherapy 2019 Feb 22. [Epub ahead of print]
- **Fusco NM,** Foltz-Ramos K. Measuring changes in pharmacy and nursing students’ perceptions following an interprofessional high-fidelity simulation experience. J Interprof Care 2018;32:648-52.
- **Fusco NM,** Prescott WA Jr., Meaney CJ. Pharmacokinetic monitoring of vancomycin in cystic fibrosis: is it time to move past

trough concentrations? *Pediatr Infect Dis J* 2019;38:258-62.

- **Harthan AA.** An introduction to pharmacotherapy for inborn errors of metabolism. *J Pediatr Pharmacol Ther* 2018;23:432-46.
- **Parrish II RH.** Current trends and emerging priorities in compounded preparations for children. *Int J Pharm Compd* 2018;22:358-66.
- **Parrish II RH,** Casher D, van den Anker J, **Benavides S.** Development of a national pediatric pharmacotherapy collaborative practice to manage medications for children with special health care needs – a population health perspective. *Children* 2019. In press.
- **Parrish II RH,** van den Anker J. Toolkit for population health initiatives around the globe related to collaborative comprehensive medication management for children and youth. *Children* 2019;6:e57.
- **Parrish II RH,** van den Anker J, **Benavides S.** Where are the ambulatory care pediatric pharmacists? *Children* 2019;6:e25.
- **Phan H,** Pai VB, Nahata MC. Pediatrics. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al., (eds). *Pharmacotherapy: Principles and Practice*. 5th Ed. New York City: McGraw-Hill, 2018:19-30.
- **Phan H,** Daines MO. Allergic Rhinitis. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al., (eds). *Pharmacotherapy: Principles and Practice*. 5th Ed. New York City: McGraw-Hill, 2018:967-82.
- **Puthoff TD,** Shah H, Slaughter JL, et al. Reduction of analgesia duration after tracheostomy during neonatal intensive care: a quality initiative. *Pediatr Qual Saf* 2018;3:e106.
- **Russell GR,** **Phelps SJ,** **Shelton CM,** et al. Impact of drug interactions on clobazam and N-desmethyloclobazam concentrations in pediatric patients with epilepsy. *Ther Drug Monitor* 2018;40:452-62.
- **Shelton CM,** Gray MD, and **Crill CM.** To mist or not to mist: an update on the recommendations for live-attenuated influenza vaccine. *J Am Pharm Assoc* 2018;58:457-9.
- Taylor CM and **Shelton CM.** Vaccine recommendations in pregnancy and lactation. *J Am Pharm Assoc* 2019;59:137-40.
- **Stultz JS,** **Knoederer CA,** **Manasco KB,** **Morgan JA,** **Phan H.** Identification of factors associated with the desire to participate in a pediatric pharmacy practice-based research network. *J Pediatr Pharmacol Ther* 2018;23:485-91.
- Paw Cho Sing E, Robinson PD, Flank J, Holdsworth M, **Thackray J,** et al. Classification of the acute emetogenicity of chemotherapy in pediatric

patients: a clinical practice guideline. *Pediatr Blood Cancer* 2019;66:e27646.

- Seelisch J, Sung L, Kelly MJ, Raybin JL, Beauchemin M, Dvorak CC, Kelly KP, Nieder ML, Noll RB, **Thackray J,** et al. Identifying clinical practice guidelines for the supportive care of children with cancer: a report from the Children's Oncology Group. *Pediatr Blood Cancer* 2019;66:e27471.
- **Wheatley CM,** Baker SE, Daines CL, **Phan H,** et al. Influence of the Vibralung Acoustical Percussor on pulmonary function and sputum expectoration in individuals with cystic fibrosis. *Ther Adv Respir Dis* 2018;12:1-15.

Other Notable Achievements

- **Elizabeth J. Beckman:** Society of Critical Care Medicine (SCCM) Presidential Citation.
- **Richard Parrish II** and Johannes van den Anker: Guest editors for a special issue in *Children* (Basel) titled: Development of a National Pediatric Pharmacotherapy Collaborative Practice Network.
- **Chasity M. Shelton:** Selected for the AACP Academic Leadership Fellows Program Cohort 15 for the 2018-2019 academic year.

Presentations

- **Parrish II, RH.** Current trends and emerging priorities in compounded preparations for children. USP Inaugural Workshop on Compounding; May 2018; Rockville, MD.
- **Parrish II, RH.** Encoding compounded drug preparations. USP Inaugural Workshop on Pharmaco-informatics; April 2019; Rockville, MD.
- **Puthoff, TD.** Neonatal Nutritional Challenges; Parenteral Order Writing in the face of clinical challenges. Pediatric Skills Lab. American Society of Parenteral and Enteral Nutrition Clinical Nutrition Week; March 2019; Phoenix AZ.
- **Thackray J.** Gemtuzumab Ozogamicin for the Treatment of Pediatric Acute Myeloid Leukemia. Pediatric Pharmacy Advocacy Group Fall Conference; September 2018; Philadelphia, PA.
- **Thackray J.** Immunotherapeutic Agents for the Treatment of Refractory Pediatric Acute Lymphoblastic Leukemia. China, Japan, Korea (CJK) Joint Symposium. 28th Annual Meeting of the Japanese Society of Pharmaceutical Health Care; November 2018; Kobe, Japan.
- **Thackray J.** Specialty Pharmacy Residency: The Importance of Training and Advancing Next Generation of Specialized Pharmacists. International Symposium. 28th Annual Meeting of the Japanese Society of Pharmaceutical Health Care; November 2018; Kobe, Japan.

Poster Presentations

- **Puthoff TD**, Pyle-Eilola A, Luce WA. Importance of evaluating unusual sources of a milky white pleural effusion in an extremely premature infant: A case report. American Society of Parenteral and Enteral Nutrition Clinical Nutrition Week; March 2019; Phoenix AZ.
- Ellenburg A, **Thackray J**, Zheng J, et al. Palonosetron compared to ondansetron for the prevention of acute chemotherapy induced vomiting (CIV) in children: A retrospective, single-center review. Children's Oncology Group Fall Annual Meeting; September 2018; Dallas, TX.

Perioperative Care PRN

Members of the Perioperative Care PRN continue to work on outreach to increase awareness about the role a pharmacist can play in the perioperative care setting. Publication efforts on the role of the perioperative pharmacist are led by esteemed members **Sara Jordan-Hyland**, **Gourang Patel**, and **Kara Birrer**. Chair-elect **Eric Johnson** has been hard at work on creating our 2019 focus session on perioperative anticoagulation management.

Grants

- **Marian Gaviola**: Surrogate Decision-Making Communication in the Intensive Care Unit. Role: PI. Funding Agency: NIMHD/Texas Center for Health Disparities.

Publications

- Howard ML, Hossaini R, Tolar C, **Gaviola ML**. Efficacy and safety of appetite stimulating medications in the inpatient setting. *Ann Pharmacother* 2018;53:261-7.
- **Johnson EG**, Parli SE. Do not forget the medication experts. *J Am Coll Surg* 2019;228:312.
- Pandya KA, **Johnson EG**, Davis GA, et al. Serotonin release assay (SRA)-negative HIT, a newly recognized entity: Implications for diagnosis and management. *Thromb Res* 2018;172:169-71.
- **Lovely JK**, Huang LC, Meyers AJ, et al. Post-surgical opioid prescribing patterns and risk factors for additional opioid prescriptions within one year after non-emergent colorectal surgery. *Am J Surg* 2018 Dec 8. [Epub ahead of print]
- **Lovely JK**, **Hyland SJ**, **Smith AN**, Nelson G, Ljungqvist O, **Parrish II RH**. Clinical pharmacist perspectives for optimizing pharmacotherapy within Enhanced Recovery After Surgery (ERAS) Programs. *Int J Surg* 2019;63:58-62.
- Ebbert JO, Philpot LM, Clements CM, **Lovely JK**, et al. Attitudes, beliefs, practices, and concerns among

clinicians prescribing opioids in a large academic institution. *Pain Medicine* 2018;19: 1790-8.

- Grass F, Hubner M, **Lovely JK**, et al. Ordering a normal diet at the end of surgery-justified or overhasty? *Nutrients* 2018;10:1758.
- Grass F, **Lovely JK**, Crippa J, et al. Early acute kidney injury within an established enhanced recovery pathway: uncommon and transitory. *World J Surg* 2019;43:1207-15.
- Scow JS, Tomhave NM, **Lovely JK**, et al. Post-discharge opioid prescribing patterns and risk factors in patients undergoing elective colon and rectal surgery without complications. *J Gastrointest Surg* 2018 Oct 8. [Epub ahead of print]
- Weller GB, **Lovely J**, Larson DW, et al. Leveraging electronic health records for predictive modeling of post-surgical complications. *Stat Methods Med Res* 2018;27:3271-85.

Other Notable Achievements

- **April Smith**: Presented two topics at the Minimally Invasive Surgery Symposium: Opioid-Related Adverse Events and Implementation of ERAS: The Role of the Pharmacist.

Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN

The Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics (PK/PD/PD) PRN led the multi-PRN Opinion Paper "Application of precision medicine across pharmacy specialty areas," which has been accepted for publication in JACCP. In the fall, we will be collaborating with the Global Health PRN to deliver a focus session for the 2019 ACCP Annual Meeting tentatively titled "Precision Medicine in Diverse Populations: Global Considerations for Pharmacogenomics." The PRN is hoping to increase its visibility to colleagues and students on social media, so be sure to follow us on Twitter, Instagram, Facebook, and LinkedIn.

Promotions

- **Scott Mosley**: Assistant Professor of Clinical Pharmacy, University of Southern California (USC) School of Pharmacy, Los Angeles, CA.

Awards

- **Mary H.H. Ensom**: 2019 Rho Chi Pharmacy Honor Society Lecture Award. She is the first Canadian-based individual to receive this award and was scheduled to deliver a lecture titled "How Kindergarten Prepared You to Responsibly Lead our Profession" at the Rho Chi/American Pharmacists Association Annual Meeting; March 24, 2019; Seattle, WA.

- **Jason Karnes:** Fellow of the American Heart Association

Grants

- **Jason Karnes:** Large-Scale Implementation of Pharmacogenomics: Translating Genotype-Guided Warfarin Dosing from Discovery to the Bedside. Sponsor: Flinn Foundation; University of Arizona - Banner Health All of Us Research Program. Sponsor: NIH/Office of the Director.
- **Scott Mosley:** Implementation of precision-medicine-based antiplatelet therapy in a diverse urban population for patients with acute coronary syndromes, after percutaneous coronary intervention. Sponsor: NCATS/NIH.
- **Jeannine McCune:** Cyclophosphamide Pharmacokinetics and Pharmacometabolomics. Sponsor: NIH/NIGMS.
- **Ronald Reed:** Comparison of Rapidity of Central Nervous System Entry for Brivaracetam [BRV] vs. Levetiracetam [LEV] Infusion over 15 minutes (Part 1) OR over 5 minutes (Part 2) using Photosensitivity (in Epilepsy) as an Electro-encephalographic Biomarker. Sponsor: UCB Pharma, Inc.

Publications

- Deininger KM, Page RL 2nd, Lee YM, Kauffman YS, Johnson SG, Oreschak K, **Aquilante CL.** Non-interventional cardiologists' perspectives on the role of pharmacogenomic testing in cardiovascular medicine. *Per Med* 2019;16:123-32.
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- **Gammal RS, Caudle KE,** Klein TE, et al. Considerations for pharmacogenomic testing in a Health-System. *Genet Med* 2019 Jan 9. [Epub ahead of print]
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- Ashraf MN, Asghar MW, Rong Y, Doschak MR, **Kiang TKL.** Advanced in vitro HepaRG culture systems for xenobiotic metabolism and toxicity characterization. *Eur J Drug Metab Pharmacokinet* 2018 Dec 10. [Epub ahead of print]
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Other Notable Achievements

- **Meghan Arwood**: Received her Master of Science degree in Clinical and Translational Science, University of Illinois at Chicago.
- **Kelly Caudle**: Appointed to the editorial board for JACCP
- **Jason Karnes**: Named Director of Scientific Programs, All of Us Research Program, University of Arizona - Banner Health
- **Tony K.L. Kiang**: Appointed to the honorary editorial board of European Journal of Drug Metabolism and Pharmacokinetics.
- **Jeannine McCune**: Appointed chair of the NIH's Cancer Prevention Study Section (CPSS), serves on the Oncologic Sciences Study Section and was appointed Chair, ZCA1 TCR-O NCI UG1 and U24 Chemoprevention Clinical Trials Network SEP.
- **Ronald Reed**: Appointed to the editorial board of Epilepsy & Behavior (Case) Reports and Epilepsy & Behavior.

Women's Health PRN

Promotions

- **Tracy L. Skaer**: Professor Emeritus of Pharmacotherapy, Washington State University, College of Pharmacy and Pharmaceutical Sciences
- **Rebecca H. Stone**: Clinical Associate Professor, University of Georgia College of Pharmacy

Awards

- **Tracy L. Skaer**: Marquis Who's Who Albert Nelson Marquis Lifetime Achievement Award

Publications

- Graff LaDisa A, **Bartelme K**, Bellone J. An innovative patient interview activity in a women's health elective. *Curr Pharm Teach Learn* 2018;10:1354-62.

2019 FUTURES GRANTS REQUEST FOR APPLICATIONS IS OPEN



The 2019 ACCP Foundation Futures Grants program invites *student, trainee, and early-career ACCP members* to

apply for developmental research Grants. Futures Grants Awards range from **\$5,000 to \$40,000**, depending on applicant eligibility and budget approval. Up to \$100,000 in mentored, developmental research Awards will be distributed through the Futures Grants program in 2019. To access detailed instructions about this grant award program, visit <https://www.accpfoundation.org/futures/>.

All applicants are required to complete a set of online eligibility questions before submitting an application. Applicant responses will provide an immediate determination of eligibility for the student/resident or junior investigator Awards as well as access to the appropriate online application form. Responses to the eligibility questions and partly completed applications may be saved and completed later by retaining the return access code provided.

To determine eligibility and submit an application, visit <https://redcap.accpfoundation.org/surveys/?s=YAEH77FHNY>.

For questions, please contact:

Jessie Culley, Project Coordinator

ACCP Foundation

(913) 492-3311

E-mail: jculley@accp.com

Supported by the ACCP Foundation Frontiers Fund.

Call for Abstracts

2019 ACCP Annual Meeting – October 26–29 – New York, NY

Important Dates:

Submission Deadline

June 17, 2019: Submission deadline for Original Research, Systematic Reviews/Meta-Analyses, Case Reports, Clinical Pharmacy Forum, and Advances in International Clinical Pharmacy Practice, Education, or Training abstracts

July 15, 2019: Submission deadline for Research-in-Progress abstracts (Students and Residents and Fellows)

Notification of Acceptance

August 15, 2019: Authors will be notified of acceptance or declination no later than this date

To review the complete submission instructions, guidelines, and review criteria, or to submit an abstract, visit www.accp.com/abstracts/2019abstracts/ on the ACCP website.

All abstracts accepted and presented by the designated presenting author, except for “Encore” and “Research-in-Progress” Presentations, will have full-text abstracts published online in JACCP, an official journal of ACCP. Only the abstract title, authors, and original citation will be published for “Encore” Presentations. All accepted abstracts will be published full-text in the ACCP Meeting app.

2018 Strategic Plan Overview

Vision

The ACCP Foundation will be recognized as the leading organization supporting the advancement of pharmacy research, scholarship, and practice.



Mission

To improve human health by supporting research, scholarship, and practice.

Our Priorities

Support researchers-scholars-practitioners.

- Address researcher-scholar-practitioner needs.
- Diversify the Foundation's portfolio of funded initiatives.
- Increase the visibility and accessibility of Foundation programs.
- Support new practitioner development programs in specialized areas of practice.

Promote research and scholarship to practitioners, trainees, and students.

- Expand/enhance research and scholarship opportunities across the career continuum.
- Institute new research and scholarship programs for students and trainees.
- Collaborate with PPI/ACCP to deliver research and scholarship curricula.
- Promote Foundation-funded work.

Ensure program sustainability and growth.

- Assess the effectiveness and sustainability of current programs.
- Address current and future fundraising strategies.
- Establish a long-range plan to develop, support, and enhance Foundation initiatives.
- Optimize infrastructure.

WASHINGTON UPDATE

After the Shutdown...Introducing the 116th Congress

Under a cloud of the government shutdown brought about by a dispute over funding for a proposed wall to protect America's southern border, the 116th Congress welcomed the most racially diverse class in the history of the U.S. House of Representatives and the greatest number of women ever elected to Congress. Presiding over events, Nancy Pelosi reclaimed the position of Speaker of the House - the first woman in history to hold that office - as her fellow Democrats took control of the House of Representatives for the second time in eight years.

The standoff held until January 25, when lawmakers finally reached an agreement with the White House to reopen the federal government, ending the unprecedented 35-day shutdown. After four years of bicameral Republican control of Congress, and with eyes already looking ahead to the hyper-politicized 2020 presidential election, it remains to be seen how Congress will function under a divided government structure.

Key Players for Clinical Pharmacy

In the new Congress, on the House side, the incoming Democratic majority meant a shakeup in the control over committees, including those with jurisdiction over health policy and the Medicare program. Energy and Commerce Chairman Frank Pallone (D-NJ) is well respected in Washington as a shrewd health care policy leader dating back to his work in navigating the passage of what became known as the Affordable Care Act. Congressman Richard Neal (D-MA) now chairs the powerful House Ways and Means Committee and brings with him a proven record of working in a bipartisan manner to advance incremental improvements to strengthen Medicare payment and care delivery structures. While the outlook for comprehensive Medicare reform seems uncertain in the current political climate, ACCP is encouraged by the willingness of the new House committee leadership to take a pragmatic approach to legislating.

On the Senate side, Iowa icon Chuck Grassley (R) took over the gavel for the Senate Finance Committee with jurisdiction over Medicare payment policy. Senator Grassley is widely known as a leading champion on Capitol Hill for the pharmacy profession at large. ACCP has an excellent long-standing working relationship with Senator Grassley's office: Mary Abdelmalak, Pharm.D., spent a year as a health policy advisor through her role as an [ACCP Congressional Health Policy Fellow](#).

Legislative Outlook

Despite (or perhaps in a calculated effort to deflect attention from) the government shutdown, Congress hit the ground running with a series of high-profile hearings into the contentious issue of prescription drug pricing

and possible policy and oversight solutions to lower costs for American patients. ACCP's Position Statement, [Optimizing Specialty Drug Use](#), urges the integration of patient-centered, team-based, and evidence-driven comprehensive medication management (CMM) into emerging value-based pricing approaches to better ensure that the rational and economical use of specialty drugs is optimized both for patients and for the health care system.

ACCP's Washington office also recently responded to a [Senate HELP Committee request](#) to expert stakeholders for ideas to address rising health care costs. Our [statement](#) calls for coverage of CMM as part of an improvement to health care delivery that helps assure medication optimization, enhances patient safety, promotes value-based rather than volume-based care to patients, and contributes to greater affordability and sustainability for the Medicare program.

Please contact us if you practice in Tennessee and have compelling case studies, best practices, or outcomes/savings data to share with HELP Committee Chairman Senator Lamar Alexander (R-TN).

In light of the challenging political environment on Capitol Hill, ACCP is also focusing advocacy resources on efforts to advance clinical pharmacy and CMM through regulatory opportunities. This work has yielded some important developments in conversations with the Centers for Medicare and Medicaid Services and the Department of Veterans Affairs. Throughout this process, however, we remain engaged and active on Capitol Hill, where we continue our efforts to pursue the integration of CMM into evolving Medicare payment structures.

Grassroots Action Alert: Welcome Your Elected Officials to the 116th Congress!

As the new Congress gets under way, ACCP remains fully committed to our initiative to seek Medicare coverage for the direct patient care services of qualified clinical pharmacists practicing as fully integrated members of interprofessional patient-care teams.

But we need your help. As part of this comprehensive advocacy effort, members of Congress need to hear from clinical pharmacists helping to "get the medications right" on behalf of patients in their state or district.

Contacting the offices of your elected officials is simple. On our revamped [Legislative Action Center](#) we have prepared a letter for you to review and edit. Simply follow the instructions to send this message to Capitol Hill.

Please take the time to personalize the letter by providing additional information about your practice and the patients you care for, and remember to let ACCP know about any responses you receive from your elected officials.

Please also consider inviting your senators and representative to visit your practice setting so they can

learn firsthand about the value clinical pharmacists bring to the health care delivery team. Thank you for your participation in this important advocacy effort! [Click here to take action today!](#)

ACCP-PAC Contributions Support Bipartisan Health Care Leaders in Congress

The 35-day federal government achieved little in the way of resolving policy differences between the White House and Democratic leaders. But the fallout is clearly being felt on Capitol Hill, where rank-and-file lawmakers who do not share the president's bravado in the face of dismal approval ratings are scrambling to find common issues where both parties can work on a bipartisan agenda to begin to restore confidence in the process of government.

The 116th Congress got under way with a flurry of high-profile hearings on the issue of prescription drug costs, and key policy makers from both sides of the aisle have expressed their willingness to focus on other top health care priorities including efforts to address the opioid crisis.

As part of ACCP's efforts to strategically advance the profession through these ongoing health policy debates, it is vital we provide support for our friends on Capitol Hill in order to ensure that these leaders remain in Washington and continue to advance policies that meaningfully address the health care issues our nation faces.

ACCP-PAC is the only means through which the College can provide financial support for candidates for Congress. With almost 18,000 members, ACCP is in a position to become one of the most prominent pharmacy PACs in Washington. To do this, we need the widespread support of our membership.

If each ACCP member contributes just \$25, ACCP-PAC would raise more than \$350,000. All ACCP members should consider making a donation of at least \$25 to ACCP-PAC. [CLICK HERE](#) to support your PAC today!

ACCP and the Patient-Centered Primary Care Collaborative: Advancing Medication Optimization Across the Care Continuum

ACCP's commitment to team-based comprehensive medication management (CMM) is built on the foundational principle that clinical pharmacists, as health care providers responsible for high-quality patient care, will be accountable for medication optimization in the prevention and treatment of disease. This commitment was exemplified in the Board of Regents' 2013 decision to launch a Medicare Initiative that focused on the "what" (coverage for CMM as part of broader Medicare fee-for-service payment reform) rather than the "who" (recognition for pharmacists as Medicare providers without specifying what they "provide.")

This decision represented a shift in ACCP's strategic

outlook, learning from [overly pharmacist-centric efforts](#) in the early 2000s to achieve Medicare Part B provider status built around now-outdated fee-for-service payment structures. Importantly, it also recognized that any advocacy effort that seeks to advance a legislative agenda focused on team-based care must itself be collaborative in nature and secure the support of other health professions and stakeholders.

[The Patient-Centered Primary Care Collaborative](#)

Founded in 2006, the Patient-Centered Primary Care Collaborative (PCPCC) is a not-for-profit multistakeholder organization dedicated to advancing an effective and efficient health system built on a strong foundation of primary care and the patient-centered medical home (PCMH). PCPCC supports increased investment in primary care through alternative payment models that enable PCMHs and other types of advanced primary care to provide integrated, higher-value care that connects to the community.

Aligned with ACCP's core values that state our commitment to challenge the status quo and display the courage to lead, PCPCC was conceived as a driver of change: educating and advocating for ideas, concepts, policies, and programs that advance the goals of high-performing primary care as the foundation of our health care system.

PCPCC now represents more than [1,000 members](#) from across the entire health spectrum, including other health care practitioner groups, patient advocacy organizations, health insurers, employers, and a diverse range of stakeholders promoting policies and sharing best practices that aim to achieve the "Quadruple Aim" of better care, better health, lower costs, and greater joy for clinicians and staff in delivery of care.

ACCP and PCPCC

Since the early days of PCPCC, ACCP has been a leader in this area and the College is proud to sit alongside organizations such as the American Academy of Family Physicians, American College of Physicians, The National Committee for Quality Assurance, and IBM as the only pharmacist practitioner group ever to serve on the [PCPCC Executive Committee](#). Our strategic positioning within PCPCC served as the catalyst for the establishment of PCPCC's Medication Management Task Force and the publication of the CMM Resource Guide, ["Integrating Comprehensive Medication Management to Optimize Patient Outcomes."](#) Put simply, it is impossible to overstate the importance of this document to ACCP's advocacy efforts and the impact of bringing together leaders from organizations including American College of Physicians, Geisinger Health Plan, Pfizer, Blue Cross and Blue Shield Association, Department of Veterans Affairs, American Academy of Nurse Practitioners, and Kaiser Permanente to endorse a formal definition of CMM.

ACCP's leadership in this effort was also instrumental in helping develop future initiatives such as the Joint Commission of Pharmacy Practitioners' [Pharmacists' Patient Care Process](#), which saw the pharmacy profession come together in a similar manner to endorse a team-based, patient-centered, consistent process of care.

Next Steps

More recently, ACCP collaborated with PCPCC to develop a popular and highly rated webinar, [Optimizing Value and Patient Outcomes Through Comprehensive Medication Management](#). We continue to be active in a variety of PCPCC initiatives and consider PCPCC and its members to be a vital resource in our dissemination strategy for the findings of the CMM Effectiveness and Implementation Grant. Looking ahead, ACCP continues to envision future collaborative advocacy efforts with a variety of groups and organizations based on alliances formed through joint participation in PCPCC.

Now Accepting Applications - ACCP/ASHP/VCU Pharmacy Policy Fellow Program

Launched in 2006 under the guidance of Dr. Ed Webb, the Congressional Healthcare Policy Fellow Program is a collaborative effort of ACCP, the School of Pharmacy at the Medical College of Virginia/Virginia Commonwealth University, and the American Society of Health-System Pharmacists.

Pharmacists who participate in the program have the opportunity to gain real-world insight into health care policy analysis and development via immersion in the congressional environment. Fellows are actively mentored in legislative evaluation, policy development, research, and writing while integrating practical experience with theory. Our 2018-19 Fellow, Dr. Tina Chhabra, is currently working in the office of Ohio Democratic Senator Sherrod Brown.

The program provides a unique health care policy learning experience that is designed to demonstrate the value of pharmacy-government interaction, and to facilitate practical contributions to the effective use of scientific and pharmaceutical knowledge in government policy development. Fellows spend the first two months of the program with each of the professional organizations as members of their respective government and professional affairs staff. In September of the fellow year, they begin working in a legislative environment requiring health care input on the staff of an individual senator or representative or a relevant congressional committee.

The program is an enriching opportunity for the Fellow to develop legislative evaluation and policy development skills, improve research and writing skills, and integrate practical policy experience with theory. The Fellow will be expected to undertake a wide array of responsibilities including researching and preparing briefs on health care

issues, assisting with policy decisions, drafting memoranda, planning, organizing, and carrying out program and management objectives.

Fellows typically seek congressional office placement with one of the committees that predominantly deal with health issues such as the Senate Health, Education, Labor, and Pensions (HELP) Committee and Senate Finance Committee or the House Ways and Means or Energy and Commerce Committees.

Applications for 2019-2020 Pharmacy Healthcare Policy Fellow Program

Interested candidates should visit the [Pharmacy Healthcare Policy Fellow](#) program's website for more information and instruction on submitting an application.

Contact Us! For more information on any of ACCP's advocacy efforts, please contact the ACCP Government and Professional Affairs Team:

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2019 ACCP ANNUAL MEETING

Celebrate the 40th Anniversary of the American College of Clinical Pharmacy with friends and colleagues at the 2019 ACCP Annual Meeting, October 26-29, in New York, New York.

The ACCP Annual Meeting offers first-rate educational and research programming, exceptional professional development sessions, and unmatched networking opportunities for clinical pharmacists.

Registration will open at www.accp.com in Summer 2019. #ACCPAM19

STUDENT INITIATIVES UPDATE

2019 ACCP Student Chapter Awards – Applications Due June 30

ACCP presents two Awards for Student Chapter members: the Outstanding Student Chapter and the Outstanding Student Chapter Member. These honors will be awarded annually. Application for each award is submitted as part of the Annual Chapter Report and is due June 30, 2019. A description of each award follows.

Outstanding Student Chapter Award

This award recognizes the ACCP student chapter that has exemplified strength in leadership, dedication in patient care, and passion for professional development through its activities and membership. The activities of the chapter should address ACCP's core values of extending the frontiers of clinical pharmacy and promoting dedication to excellence in patient care, research, and education. A key component of all the core values is the clinical pharmacist's ability to work collaboratively within the health care environment. Each chapter must demonstrate its ability to work with other health disciplines.

An announcement will be featured on the ACCP website, and an article highlighting the winning chapter's accomplishments will be published in *StuNews* and the *ACCP Report*. A commemorative plaque and \$1000 cash will be awarded to the winning chapter. The faculty liaison/adviser and one appointed student liaison from the winning chapter will receive complimentary full Annual Meeting registrations, and each will receive a \$250 travel stipend to attend.

Members of student chapters who wish to apply for the award will complete an application form as part of their end-of-the-year report, due June 30. As part of the application process, each chapter is required to submit a rationale statement (250 words or less) outlining the plan for using the \$1000 award funds, should said chapter be selected as the winner.

Outstanding Student Chapter Member

This award recognizes a student who has enhanced student involvement from his or her ACCP chapter at the local, state, or national level and who has expanded the presence of ACCP through community engagement, education promotion, research opportunities, and/or professional stewardship. The activities of the selected student should address ACCP's core values of extending the frontiers of clinical pharmacy and promoting dedication to excellence in patient care, research, and education.

Each chapter award recipient will receive a certificate suitable for framing and recognition in an *ACCP Report* article, a *StuNews* article, and the *Annual Meeting News*. In addition, student award winners in attendance at the award-year Annual Meeting will be recognized during the Clinical Pharmacy Challenge semifinal round of competition.

Each recognized student chapter will select its recipient for Outstanding Student Chapter annually and submit the winner's name to the ACCP national office as part of its year-end report, due June 30.

ACCP SNAC Now Accepting Applications for 2019–2020

Initiated as a working group in 2006, the National Student Network Advisory (SNAC) group became a standing committee of the College in 2007 whose members are appointed by the ACCP president-elect. The present committee serves in an advisory capacity to the ACCP Board of Regents and staff, providing feedback and assistance in developing new programs and services for students. Student members who are interested in serving on the ACCP SNAC, either as a member-at-large or in a leadership role, may apply for appointment. All applicants must submit a CV, a personal essay, and a letter of recommendation from a professor, a preceptor, or an academic dean or his or her designee. Application for appointment to the 2019–2020 SNAC is available online. Applications are due June 14, 2019.

POSTGRADUATE TRAINEE UPDATE

Residents, Fellows, and Graduate Students

All resident, fellow, and graduate student members of ACCP are currently receiving a monthly electronic newsletter titled [Experts in Training](#). The editors would like to thank all the PRNs, residency programs, and clinical pharmacists that have contributed to the publication. You may view archives through the link above. If there are topics you'd like to see covered in future editions, submit your ideas to Keri Sims, ksims@accp.com.

PRNs can also engage resident, fellow, and graduate students through Twitter. Follow or tag @ACCPpostgrads to engage in dialogue on professional development and clinical topics.

ACCP will be offering resident/fellow-specific educational programming at the 2019 Annual Meeting in New York City. Residents and fellows will also be able to speak to recruiters and preview early practitioner positions in the Professional Placement Forum. Consider representing your institution's residency, fellowship, or new practitioner position at the ACCP Annual Meeting Professional Placement Forum this fall in New York.

ACCP resident and fellow members continue to benefit from the mentoring program. Mentors are ACCP members who have at least five years of professional experience and have volunteered to participate in the program. Mentor/mentee pairs are encouraged to correspond at least monthly and are provided with timely topics of discussion. A call for mentors goes out each year in August.

The Resident Advisory Committee is a working group composed of residents, fellows, or graduate student members of ACCP. Applications for chair, vice-chair, and member-at-large positions are due by June 14, 2019.

PRN MEMBERSHIP TOTALS

PRACTICE AND RESEARCH NETWORKS	TOTAL
Ambulatory Care PRN	2028
Adult Medicine PRN	1036
Cardiology PRN	1162
Central Nervous System PRN	231
Clinical Administration PRN	456
Critical Care PRN	2125
Drug Information PRN	264
Education and Training PRN	542
Emergency Medicine PRN	983
Endocrine and Metabolism PRN	272
Geriatrics PRN	302
GI/Liver/Nutrition PRN	182
Global Health PRN	148
Health Outcomes PRN	200
Hematology/Oncology PRN	709
HIV PRN	222
Immunology/Transplantation PRN	496
Infectious Disease PRN	1970
Nephrology PRN	174
Pain and Palliative Care PRN	304
Pediatrics PRN	877
Perioperative Care PRN	107
Pharmaceutical Industry PRN	228
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN	307
Pulmonary PRN	84
Women's Health PRN	197
TOTAL:	15,606

PRN CONTACT INFORMATION

For more information about a specific PRN, please contact the PRN's chair identified as follows.

PRACTICE AND RESEARCH NETWORKS	PRN CONTACT
Adult Medicine	<u>Andrew Miesner, Pharm.D., BCPS</u>
Ambulatory Care	<u>Jennifer N. Clements, Pharm.D., BCPS, CDE</u>
Cardiology	<u>William L. Baker, Pharm.D., FCCP, FACC, FAHA</u>
Central Nervous System	<u>Richard Silvia, Pharm.D., BCPP</u>
Clinical Administration	<u>Tamara Malm, Pharm.D., MPH, BCPS</u>
Critical Care	<u>David Leedah, Pharm.D., BCPS-AQ ID</u>
Drug Information	<u>Janna Afanasjeva, Pharm.D., BCPS</u>
Education and Training	<u>Holly Gurgle, Pharm.D., BCACP, CDE</u>
Emergency Medicine	<u>Craig Cocchio, Pharm.D., BCPS</u>
Endocrine and Metabolism	<u>Molly G. Minze, Pharm.D., BCACP</u>
Geriatrics	<u>Crystal Burkhardt, Pharm.D., MBA, BCPS</u>
GI/Liver/Nutrition	<u>Lauren M. Hynicka, Pharm.D.</u>
Global Health	<u>Gina M. Prescott, Pharm.D., BCPS</u>
Health Outcomes	<u>Henry Young, Associate Professor</u>
Hematology/Oncology	<u>Marco Martino, Pharm.D., MBA, BCPS, BCOP</u>
HIV	<u>Edward Grace, Pharm.D., BCPS, (AQ-ID), AAHIVP</u>
Immunology/Transplantation	<u>Christina Teeter Doligalski, Pharm.D., BCPS</u>
Infectious Diseases	<u>Olga H. DeTorres, FASHP, BCPS-ID</u>
Nephrology	<u>Michelle Fravel, Pharm.D., BCPS</u>
Pain and Palliative Care	<u>Stephanie Abel, Pharm.D., BCPS</u>
Pediatrics	<u>Nicholas M. Fusco, Pharm.D., BCPS, BCPPS</u>
Perioperative Care	<u>Marian Gaviola, Pharm.D., BCCCP</u>
Pharmaceutical Industry	<u>Steve Stricker, Pharm.D., MS, BCOP</u>
Pharmacokinetics/Pharmacodynamics/Pharmacogenetics	<u>Jason H. Karnes, Pharm.D., PhD, BCPS</u>
Pulmonary	<u>Kristen Pogue, Pharm.D.</u>
Women's Health	<u>Nicole M. Stack, Pharm.D.</u>