

## PRESIDENT'S COLUMN

### Growing Student Involvement in ACCP

In the lead article of the July StuNews, "Networking in a Small Pharmacy World" (<https://www.accp.com/docs/stunet/StuNewsJuly2017.pdf>), Charles M. Summerlin, a Pharm.D. candidate from the University of Maryland School of Pharmacy, recommends a variety of ways for students to develop their professional networks, from making a good impression on classmates and faculty members to attending ACCP regional and national meetings to interact other students, residents, and clinical pharmacists (including potential residency program directors—a great tip!). For my last column in the ACCP *PRN Report*, I'd like to highlight the PRNs' importance in developing these networks and supporting the next generation of clinical pharmacists.

Although ACCP is well known to most pharmacy students for its annual Clinical Pharmacy Challenge, its newer Clinical Research Challenge, and its popular "Emerge from the Crowd" program, most students initially become engaged with the College on a more personal level. Involvement in a student chapter provides contact with other members 1–2 years ahead of them, as well as with college of pharmacy faculty liaisons. These individuals (listed at <https://www.accp.com/stunet/liaisons.aspx>) volunteer their time to serve as role models and share with students the value of remaining involved with ACCP throughout their careers. In addition, ACCP members who are faculty and rotation preceptors often include discussions about professional organizations with their students, encouraging them to pursue membership in groups that will enrich their career development and expand their network of clinical pharmacy colleagues.

The ACCP PRNs also play an important role in reaching out to student members and welcoming them into the organization. Students coming to ACCP meetings often attend the PRN business and networking meetings for the opportunity to learn more about the PRNs and meet

experts in a specialty they are hoping to pursue. Every PRN has student members, with students typically making up almost one-fourth of the membership (median 23%, range 12%–53%). To encourage students to join a PRN, one PRN membership is included with ACCP student membership at no cost; additional PRN memberships cost the same (\$20 per year) as for other members. In addition to the ACCP Student Travel Awards, many of the larger PRNs offer travel grants to students, residents, and fellows to encourage trainees pursuing their specialty to submit research abstracts to the meeting. Awardees of these grants are in turn often given an additional opportunity to present their work in more detail at PRN meetings, allowing PRN members and awardees to become better acquainted.

Moreover, most PRNs incorporate students in their standing committees. This is an excellent way for students to see PRN members working together, allowing students to develop deeper relationships with clinical pharmacist experts in their interest areas. Several PRNs also have a committee just for students, residents, and fellows, allowing these members to complete their own projects and present them at the ACCP Annual Meeting. Other services provided to students include mentoring programs, CV review, and mock interviews. PRN leaders are also encouraged to talk with their student members about applying for a position on the National Student Advisory Committee, or to continue their involvement in ACCP after graduation by applying for the Resident Advisory Committee.

I want to thank the school of pharmacy faculty liaisons and all the PRN members serving as officers and committee chairs, as well as the mentors, CV reviewers, and mock interviewers. Your commitment to helping these future clinicians is an invaluable service to ACCP and ensures that the next generation of clinical pharmacists will continue to consider ACCP their professional home.

## PRN ELECTION RESULTS

### PRN Election Results Announced

Recently, members voted for their choice of future leaders for their respective Practice and Research Networks (PRNs). Please join ACCP in recognizing both the newly elected members and those continuing to serve their respective PRNs in the coming year.

*Adult Medicine:* Leigh Anne Hylton Gravatt, Chair; Andrew Miesner, Chair-Elect; Ryan Owens, Secretary/Treasurer

*Ambulatory Care:* Kelly Cochran, Chair; Jennifer N. Clements, Chair-Elect; Ann Philbrick, Treasurer; Julie Bartell, Secretary

*Cardiology:* Craig Beavers, Chair; William L. Baker, Chair-Elect; Jim Coons, Secretary/Treasurer

*Central Nervous System:* Jeannine M. Conway, Chair; Richard Silvia, Chair-Elect; Stephanie V. Phan, Secretary/Treasurer

*Clinical Administration:* Elizabeth Michalets, Chair; Tamara Malm, Chair-Elect; Cindy Brasher, Secretary/Treasurer

*Critical Care:* Drayton Hammond, Chair; David Leedahl, Chair-Elect; Jeffrey Fong, Secretary/Treasurer

*Drug Information:* Janine Douglas, Chair; Janna Afanasjeva, Chair-Elect; Rena Gosser, Secretary/Treasurer

*Education and Training:* Eliza Dy-Boarman, Chair; Holly Gurgle, Chair-Elect; Lindsay Saum, Secretary/Treasurer

*Emergency Medicine:* Nadia Awad, Chair; Craig Cocchio, Chair-Elect; Abby Bailey, Secretary/Treasurer

*Endocrine and Metabolism:* Christie Schumacher, Chair; Molly Minze, Chair-Elect; Jennifer J. D'Souza, Secretary/Treasurer

*Geriatrics:* Emily P. Peron, Chair; Crystal Burkhardt, Chair-Elect; Kalin M. Clifford, Secretary/Treasurer

*GI/Liver/Nutrition:* Johnathan Voss, Chair; Lauren M. Hynicka, Chair-Elect; Maria Sheridan, Secretary/Treasurer

*Global Health:* Jodie Malhotra, Chair; Gina M. Prescott, Chair-Elect; Rebecca Cope, Secretary/Treasurer

*Health Outcomes:* Diana Sobieraj, Chair; Henry Young, Chair-Elect; Erin Weeda, Secretary/Treasurer

*Hematology/Oncology:* Larry Buie, Chair; Marco Martino, Chair-Elect; Justin Arnall, Secretary/Treasurer

*HIV:* Neha Pandit, Chair; Edward Grace, Chair-Elect; Mark Sawkin, Secretary/Treasurer

*Immunology/Transplantation:* James N. Fleming, Chair; Christina Doligalski, Chair-Elect; Nicole Alvey, Secretary/Treasurer; Erik Henriksen, Karen Khalil, Trainee Officer

*Infectious Diseases:* Elias Chahine, Chair; Olga DeTorres, Chair-Elect; Ashley Marx, Secretary/Treasurer

*Nephrology:* Rachel Eyler, Chair; Michelle Fravel, Chair-Elect

*Pain and Palliative Care:* Jennifer Pruskowski, Chair; Stephanie Abel, Chair-Elect; Ryan Costantino, Secretary/Treasurer

*Pediatrics:* Rebecca Pettit, Chair; Nicholas M. Fusco, Chair-Elect; Elizabeth S. Goswami, Secretary/Treasurer

*Perioperative Care:* Richard H. Parrish II, Chair; Marian Gaviola, Chair-Elect; Eric G. Johnson, Secretary; Amanda Giancarelli, Treasurer

*Pharmaceutical Industry:* Carmelina Staino, Chair; Steve Stricker, Chair-Elect; Marissa Escobar Quinones, Secretary/Treasurer

*Pharmacokinetics/Pharmacodynamics/Pharmacogenomics:* Kelly E. Caudle, Chair; Jason H. Karnes, Chair-Elect; Roseann Gammal, Secretary/Treasurer

*Women's Health:* Rebecca Stone, Chair; Nicole Lodise Stack, Chair-Elect; Kylie Barnes, Secretary/Treasurer; Sarah Lynch, Public Policy Liaison

## PRN FOCUS SESSIONS

### PRNs to Present Educational Focus Sessions at the 2017 Annual Meeting

ACCP PRNs consistently deliver high-quality educational activities each year. This tradition of excellence will continue this month during the ACCP Annual Meeting in Phoenix. The schedule and topics for all PRN focus sessions follow.

#### Saturday, October 7

**1:45 p.m. – 3:15 p.m. (MST)**

[Critical Care PRN Focus Session – Guidance on the Guidelines: Hospital-Associated and Ventilator-Acquired Pneumonia, Stress Ulcer Prophylaxis, and Sepsis](#)

[Hematology/Oncology PRN Focus Session – Chemotherapy and Immunotherapy-Induced Endocrinopathies](#)

[Central Nervous System PRN Focus Session – Challenges in Using Antiseizure Medications During Pregnancy](#)

[Immunology/Transplantation PRN Focus Session – Antibody-Mediated Rejection: Are We Really Making Progress? – A Spirited Debate](#)

**3:30 p.m. – 5:00 p.m. (MST)**

[Ambulatory Care PRN Focus Session – Breaking Out of the Big 3: Using Innovative Strategies to Expand Ambulatory Care Pharmacist Services Beyond HTN, DM, and Lipids](#)

[Emergency Medicine PRN Focus Session – Code Breakpoint: A Guide to Combat Stress and Burnout in the Acute Care Pharmacist](#)

[Perioperative Care PRN Focus Session – Enhanced Recovery: The Paradigm Shift in Perioperative Care](#)

**Sunday, October 8**

**2:15 p.m. – 3:45 p.m. (MST)**

[Endocrine and Metabolism PRN Focus Session – Cardiovascular Outcomes Trials in Antidiabetic Agents, and Other Clinical Pearls on All Things E&M](#)

[HIV PRN and Women's Health PRN Focus Session – HIV and Gender: Implications for Prevention and Care](#)

[Global Health PRN Focus Session – Turning the Tide of Noncommunicable Diseases \(NCDs\) in Developing Countries](#)

[PK/PD/PG PRN Focus Session – Personalizing Your Practice: A Practical Guide to Implementing Pharmacogenetics at Your Institution](#)

**4:00 p.m. – 5:30 p.m. (MST)**

[Adult Medicine PRN Focus Session – Feeling the Burn of Proton Pump Inhibitor Therapy: When Do the Risks Outweigh the Benefits?](#)

[Clinical Administration PRN Focus Session – High-Cost Drugs: How Did We Get Here and Where Do We Go Now?](#)

[Pediatric PRN Focus Session – To Inhale or Not to Inhale: Insights into Aerosolized Medications in the Pediatric Population](#)

[GI/Liver/Nutrition PRN Focus Session – GI/Liver/Nutrition Potpourri: Alcohol Use, Absorption After Bariatric Surgery, and IBS/IBD Updates](#)

**Monday, October 9**

**1:45 p.m. – 3:15 p.m. (MST)**

[Education and Training PRN Focus Session – Rethinking and Evaluating Critical Thinking Activities in Residency and Experiential Education](#)

[Infectious Diseases PRN Focus Session – Antimicrobial Dosing Dilemmas](#)

[Nephrology PRN Focus Session – Drug Dosing Considerations with Renal Replacement Therapy: Inpatient and Outpatient Settings](#)

**3:30 p.m. – 5:00 p.m. (MST)**

[Pain and Palliative Care PRN – The 2016 CDC Guideline for Prescribing Opioids for Chronic Pain – Helpful Tool or Harmful Distraction? The Debate](#)

[Pharmaceutical Industry PRN Focus Session – Pharmacy Olympics: How to Earn the Gold Medal for the Hurdles of Medication Costs](#)

[Women's Health PRN Focus Session – Pharmacist Prescriptive Authority: Updates in Our Nation and in Women's Health](#)

**Tuesday, October 10**

**1:15 p.m. – 2:45 p.m. (MST)**

[Drug Information PRN Focus Session – How to Find, Evaluate, and Communicate Evidence-Based Recommendations](#)

[Geriatrics PRN Focus Session – Demystifying Deprescribing](#)

[Health Outcomes PRN Focus Session – Design and Implementation of Health Outcomes Research Using Electronic Medical Records](#)

[Cardiology PRN Focus Session – Practical Approaches to Heart Failure Management Across the Continuum of Care](#)

## PRN BUSINESS AND NETWORKING FORUMS

### PRNs to Host Business Meetings and Networking Forums at the 2017 Annual Meeting

ACCP PRNs provide a focal point for clinical pharmacists with common interests and needs in practice, research, and education. Each PRN hosts a business meeting and networking forum at the Annual Meeting. All meeting registrants are invited to these events. A complete listing of PRN business meetings and networking forums follows.

#### Sunday, October 8

##### 6:30 p.m. – 8:30 p.m. (MST)

- Ambulatory Care PRN
- Cardiology PRN
- Central Nervous System PRN
- Clinical Administration PRN
- Education and Training PRN
- Endocrine and Metabolism PRN
- Geriatrics PRN
- GI/Liver/Nutrition PRN
- Global Health PRN
- Health Outcomes PRN
- Infectious Diseases PRN
- Perioperative Care PRN
- Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN
- Women's Health PRN

#### Monday, October 9

##### 6:30 p.m. – 8:30 p.m.

- Adult Medicine PRN
- Critical Care PRN
- Drug Information PRN
- Emergency Medicine PRN
- Hematology/Oncology PRN
- HIV PRN
- Immunology/Transplantation PRN
- Nephrology PRN
- Pain and Palliative Care PRN
- Pediatrics PRN
- Pharmaceutical Industry PRN

## PRN NEWS BRIEFS

### Adult Medicine PRN

#### Adult Medicine PRN News Brief

The ACCP Adult Medicine PRN is one of the largest and most diverse PRNs, encompassing pharmacists who practice in inpatient and outpatient settings, academia, and the pharmaceutical industry. Members of the Adult Medicine PRN work tirelessly to expand the frontiers of clinical pharmacy by improving patient care, conducting research, and providing education in their everyday practices.

The AMED PRN is excited for the 2017 Annual Meeting in Phoenix. The PRN hopes you can join PRN members for the PRN's focus session on Sunday, October 8, 2017, at 4 p.m. (MST), "Feeling the Burn of Proton Pump Inhibitor Therapy: When Do the Risks Outweigh the Benefits." The PRN will also conduct its annual business meeting and networking forum on Monday, October 9, 2017, at 6:30 p.m. (MST).

We invite you to stay connected with the AMED PRN after the Annual Meeting. Find us on Facebook ([facebook.com/accpamedprn](https://www.facebook.com/accpamedprn)) and Twitter (@accpamedprn); follow us and use the hashtag #amedprn! Or join us throughout 2017 and 2018 for our popular monthly online journal clubs led by the PRN's pharmacy practice residents. We are enthusiastic about the activity within the AMED PRN and are proud of our members' recent accomplishments (outlined below). Please join us in congratulating them!

#### Promotions

- **Anastasia L. Armbruster:** Associate Professor, St. Louis College of Pharmacy
- **Ayesha M. Khan:** Interim Assistant Dean of Student Affairs, Chicago State University College of Pharmacy
- **Ifeanyi Onor:** Clinical Associate Professor of Pharmacy, Xavier University of Louisiana College of Pharmacy
- **Katie B. Teller:** Associate Professor, St. Louis College of Pharmacy
- **Abigail M. Yancey:** Professor, St. Louis College of Pharmacy
- **Nancy Yunker:** Associate Professor, VCU School of Pharmacy

#### Grants

- **Ayesha M. Khan:** Chicago Schweitzer Fellows for Life Seed Grant. \$2140.00
- **Sarah Petite and Julie Murphy:** The Impact of

the Implementation of a Pharmacist-Driven COPD Management Program. ASHP Foundation New Investigator Award. \$20,000

### Awards

- **Sarah L. Anderson:** Finalist; Next-Generation Pharmacist Health-System Pharmacist Award
- **Denise Kelley:** University of Florida New Inpatient Preceptor of the Year Award; Florida Society of Health-System Pharmacists New Practitioner Award
- **Ayesha M. Khan:** Chicago State 2017 P3 Class Teacher of the Year
- **Donny More:** Carolinas HealthCare System Key Engagement Award
- **Diana M. Sobieraj:** 2017 ACCP New Investigator Award
- **Mate M. Soric:** Class of 2017 Commencement Hooder

### Publications

- **Anderson SL,** Marrs JC. Antihyperglycemia medications and cardiovascular risk reduction. *Eur Endocrinol* 2017. In press.
- Karter AJ, Kasia J, Lipska KJ, O'Connor PJ, Liu JY, Moffet HH, Schroeder EB, Lawrence JM, Nichols GA, Newton KN, Pathak RD, Desai J, Waitzfelder B, **Butler MG,** Thomas A, Steiner JF; on behalf of the SUPREME-DM Study Group. High rates of severe hypoglycemia among African American diabetes patients: the Surveillance, Prevention, and Management of Diabetes Mellitus (SUPREME-DM) Network. *J Diabetes Complications* 2017;31:869-73.
- Trivedi M, Li L, Fung V, Kharbanda EO, Larkin EK, **Butler MG,** Horan K, Lieu TA, Wu AC. Racial disparities in family-provider interactions for pediatric asthma care. *J Asthma* 2017;14:1-6.
- **Cox CD,** Cheon J, Crooks SM, et al. Behind the numbers of an online preceptor video mini-series: a proven approach to preceptor development. *Am J Pharm Educ* 2017;81:Article 12.
- **Cox CD,** Samuel NG. Utilizing an innovative preceptor video mini-series to prepare students for experiential rotations: does it work? *Inov Pharm* 2017;8:Article 20. Video available at <http://pubs.lib.umn.edu/innovations/vol8/iss2/20>.
- **Cox CD,** Samuel NG, Cheon J. Use of an innovative interprofessional mini-series movie to train preceptors. *Inov Pharm* 2017;8:Article 17. Video available at <http://pubs.lib.umn.edu/innovations/vol8/iss2/17>.

- McCutcheon LRM, Whitcomb K, **Cox CD,** et al. Interprofessional objective structured teaching exercise (iOSTE) to train preceptors. *Curr Pharm Teach Learn* 2017;9:605-15.
- **Han Z,** Pettit NN, Landon E, Brielmaier BD. Impact of pharmacy practice model expansion on pharmacokinetic services: optimization of vancomycin dosing and improved patient safety. *Hosp Pharm* 2017;52:273-9.
- Buehrle K, Pisano J, **Han Z,** Pettit NN. Guideline compliance and clinical outcomes among patients with *Staphylococcus aureus* bacteremia with infectious diseases consultation in addition to antimicrobial stewardship-directed review. *Am J Infect Control* 2017;45:713-6.
- Pettit NN, Miceli M, Rivera C, Narayanan P, Perissinotti A, Hsu M, delaCruz J, Gedrimaite Z, **Han Z,** Steinbeck J, Pisano J, Seo S, Paskovaty A. Multicenter study of posaconazole delayed-release tablet serum level and association with hepatotoxicity and QTc prolongation. *J Antimicrob Chemother* 2017. [Epub ahead of print]
- **Jarrett JB,** Gimbar RP. Idarucizumab (Praxbind) for dabigatran (Pradaxa) anticoagulant reversal. *Am Fam Physician* 2017;95:798-800.
- **Jarrett JB,** Moss D. PURLs: oral agent offers relief from generalized hyperhidrosis. *J Fam Pract* 2017;66:392-4.
- **Jarrett JB,** Sairenji T, Klatt PM, Wilson SA. An innovative, residency-based, interprofessional faculty development program. *Am J Health Syst Pharm* 2017;74:402-8.
- **Jarrett JB,** Sauereisen S. PURLs: when can exercise supplant surgery for degenerative meniscal tears? *J Fam Pract* 2017;66:250-2.
- Felton MA, **Jarrett JB,** Hoffmaster R, D'Amico F, Sakely H, Pruskowski J. Delirium in an inpatient geriatric palliative care population: comparison of antipsychotic treatment strategies. *J Am Geriatr Soc* 2017;65(suppl 1):S130.
- Felton MA, **Jarrett JB,** Meyer SM. Geriatric care curriculum in US PharmD programs: what's happening? *Curr Pharm Teach Learn* 2017;9:504-9.
- Lounsbery JL, **Jarrett JB,** Dickerson LM, Wilson SA. Integration of clinical pharmacists in family medicine residency programs. *Fam Med* 2017;49:430-6.
- Rindfuss SL, **Jarrett JB,** Lounsbery JL. Scholarly contributions of pharmacist educators in family medicine: a five-year review. *J Interprof Ed Pract* 2017;6:23-6.

- **Kelley D**, Bohm N, Thornton L. Evaluating the safety and effectiveness of venous thromboembolism prophylaxis in patients with sickle cell disease. *J Thromb Thrombolysis* 2017;43:463-8.
- **Kelley D, Sebaaly J**. Single-tablet regimens for the treatment of HIV-1 infection. *Ann Pharmacother* 2017;51:332-44.
- **Khan AM**, Marvanova M. Prediction accuracy of Winter-Tozer equations to estimate free phenytoin concentrations in non-critically ill hospitalized patients. *Consult Pharm* 2017;32:463-9. In press.
- **Khan AM**, Mydra H, Nevarez A. Clinical practice updates in the management of immune thrombocytopenia. P T. In press.
- Gonyeau MJ, Divall M, Conley MP, **Lancaster JW**. Integration of the JCPP process into a comprehensive disease management course series. *Am J Pharm Educ* 2017. In press.
- **Miele C**, Taylor M, Shah A. Assessment of direct oral anticoagulant prescribing and monitoring pre- and post-implementation of a pharmacy protocol at a community teaching hospital. *Hosp Pharm* 2017;52:207-13.
- **Miesner AR**, Lyons W, McLoughlin A. Educating medical residents through podcasts created by PharmD students. *Curr Pharm Teach Learn* 2017;9:683-8.
- Williams EA, **Miesner AR**, Beckett EA, Grady SE. "Pimping" in pharmacy education: a survey and comparison of student and faculty views. *J Pharm Pract* 2017. [Epub ahead of print]
- **Moore DC**. Acneiform rash with ramucirumab and paclitaxel in a patient with recurrent esophageal cancer. *Am J Ther* 2017.
- **Moore DC**. EGFR-inhibitor associated papulopustular rash. *J Hematol Oncol Pharm* 2017;7:27-9.
- **Moore DC**, Muslimani A, Sinclair P. Nilotinib-induced ocular toxicity: a case report. *Am J Ther*. In press.
- **Moore DC**, Pellegrino A. Pegfilgrastim-induced bone pain: a review on incidence, risk factors, and evidence-based management. *Ann Pharmacother* 2017;51:797-803.
- Arellano K, Mosley JC, **Moore DC**. Case report of ipilimumab-induced diffuse, non-necrotizing granulomatous lymphadenitis and granulomatous vasculitis. *J Pharm Pract* 2017.
- Guarascio AJ, **Nemecek BD**, Zimmerman DE. Evaluation of students' perceptions of the Socratic application versus a traditional student response system and its impact on classroom engagement. *Curr Pharm Teach Learn* 2017. [Epub ahead of print]
- Dy-Boarman E, Martin D, **Nisly SA**. Use of a health screening and education event to change student attitudes towards the elderly. *Curr Pharm Teach Learn* 2017;9:101-7.
- Isaacs AN, **Nisly SA**, Walton AM. Student-generated e-learning for clinical education. *Clin Teach* 2017;14:129-33.
- Schwinghammer AJ, Isaacs AN, Benner RW, Freeman H, O'Sullivan JA, **Nisly SA**. Continuous infusion ketorolac for postoperative analgesia following unilateral total knee arthroplasty. *Ann Pharmacother* 2017;51:451-6.
- **Petite SE**. Role of long-acting muscarinic antagonist/long-acting beta2-agonist therapy in chronic obstructive pulmonary disease. *Ann Pharmacother* 2017;51:696-705.
- **Smith SM**, Pegram AH. Obeticholic acid: a farnesoid X receptor agonist for primary biliary cholangitis. *J Pharm Tech* 2017;33:66-71.
- Nguyen E, **Sobieraj DM**. The impact of appointment-based medication synchronization on medication taking behavior and health outcomes: a systematic review. *J Clin Pharm Ther* 2017;24:404-13.
- **Soric MM**. The lay of the land: assessing your practice site for learning experiences. In: **Soric MM**, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed. Bethesda, MD: American Society of Health-System Pharmacists, 2017:3-12.
- **Soric MM**. Orientation. In: Soric MM, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed. Bethesda, MD: American Society of Health-System Pharmacists, 2017:47-54.
- **Soric MM**. Study designs: fundamentals, interpretation, and research topics. In: Bernhardt MB, Blackmer A, Capparelli E, et al., eds. *Updates in Therapeutics®: Pediatric Pharmacy Preparatory Review and Recertification Course*. 2017 ed. Lenexa, KS: American College of Clinical Pharmacy, 2017:371-401.
- **Soric MM**. Writing your syllabus or learning experience description. In: **Soric MM**, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed. Bethesda, MD: American Society of Health-System Pharmacists, 2017:29-44.
- **Soric MM**, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed.

Bethesda, MD: American Society of Health-System Pharmacists, 2017.

- Cutshall BT, **Twilla JD**, Olinger AS, Oliphant CS. A review on cardiovascular effects of newer hypoglycaemic medications. *Ann Med* 2017;9:1-10.
- **Young T**, Daniel M, Baumhover S, Eidson D, Green J. Methodological study of vancomycin dosing in elderly patients using actual serum creatinine versus rounded serum creatinine. *Drugs R D*. 2017. In press.

#### New ACCP Fellows

- **Sarah L. Anderson**
- **Jason W. Lancaster**

#### Other Notable Achievements

- **Emily J. Christenberry**: 2017 ACCP MeRIT Program Participant
- **Jaime A. Foushee**: Presbyterian College School of Pharmacy 2016–2017 Teacher of the Year
- **Caitlin Gibson**: University of North Texas System College of Pharmacy Pharmacotherapy Faculty of the Year Teaching Award
- **Jennie Jarrett**: Completed the ACCP Research Institute's Focused Investigator Training (FIT) Program
- **Heather Kehr**: Distinguished Service Award
- **Denise Kelley**: Installed as a Florida Society of Health-System Pharmacists Board of Director
- **Ifeanyi Onor**: Appointed as a Fellow of the National Kidney Foundation
- **Angela Pegram**: Distinguished Service Award
- **Beth H. Resman-Targoff**: **Delivered an invited talk on "Ask the Experts: Inside Musculoskeletal Diseases"** at the APhA Annual Meeting in San Francisco; appointed to the Association of Rheumatology Health Professionals Membership & Nominations Committee
- **Katie B. Tellow, Anastasia L. Armbruster, and Abigail M. Yancey**: ACCP Virtual Symposium, Best Poster Award: Evaluation of Warfarin Requirements in Hospitalized, Obese Patients Admitted with a Therapeutic INR
- **Jennifer Twilla**: Residency program director for the Tennessee Society of Health-System Pharmacists 2017 Residency Program of the Year

## Ambulatory Care PRN

#### Promotions

- **Kassandra Bartelme**: Associate Professor of Pharmacy Practice, Concordia University Wisconsin School of Pharmacy
- **Andrew Bzowycykj**: Clinical Associate Professor, Division of Pharmacy Practice & Administration
- **Keri D. Hager**: Associate Professor at the University of Minnesota College of Pharmacy
- **Marissa C. Salvo**: Associate Clinical Professor at the University of Connecticut School of Pharmacy

#### Awards

- **Sarah L. Anderson**: Finalist; Next-Generation Pharmacist Health-System Pharmacist Award
- **Lucas Hill**: UTCOP IPPE Preceptor Excellence Award; UTCOP APPE Preceptor Excellence Award
- **Emily Kosirog**: 2017 ACCP New Clinical Practitioner Award
- **Melanie Michael**: Union University College of Pharmacy Faculty Preceptor of the Year by the Class of 2017
- **Marissa C. Salvo**: Received the Faculty Preceptor of the Year Award from the University of Connecticut School of Pharmacy
- **W. Cheng Yuet**: E. Blanche Sommers Alumni Award (University of Oklahoma College of Pharmacy)

#### Grants

- **Lucas Hill**: (PI): SAMHSA/TX HHSC – Operation Naloxone (\$1.2 million); (Co-PI): UTHSA CSL – Operation Naloxone (\$4000)
- **Kyle Turner**: Student Hotspotting Collaborative Regional Hub from the Camden Coalition of Health Care Providers. Amount: \$50,000

#### Publications

- **Anderson SL**, Marrs JC. Antihyperglycemia medications and cardiovascular risk reduction. *Eur Endocrinol* 2017. In press.
- Karter AJ, Kasia J, Lipska KJ, O'Connor PJ, Liu JY, Moffet HH, Schroeder EB, Lawrence JM, Nichols GA, Newton KN, Pathak RD, Desai J, Waitzfelder B, **Butler MG**, Thomas A, Steiner JF; on behalf of the SUPREME-DM Study Group. High rates of severe hypoglycemia among African American diabetes patients: the Surveillance, Prevention, and

Management of Diabetes Mellitus (SUPREME-DM) Network. *J Diabetes Complications* 2017;31:869-73.

- Trivedi M, Li L, Fung V, Kharbanda EO, Larkin EK, **Butler MG**, Horan K, Lieu TA, Wu AC. Racial Disparities in Family-Provider Interactions for Pediatric Asthma Care. *J Asthma* 2017:1-6. [Epub ahead of print]
- **Bzowickyj AS**, Brommelsiek M, Lofgren M, Gotham HJ, Lindsey CC. Reflecting on care: using reflective journaling to evaluate interprofessional education and clinical practicum experiences in two urban primary care clinics. *J Interprof Educ Pract* 2017;8:6-9.
- Janke KK, **Bzowickyj AS**, Traynor AP. Editors' perspectives on enhancing manuscript quality and editorial decisions through peer review and reviewer development. *Am J Pharm Educ* 2017;81:Article 73.
- **Caffiero N**, Delate T, Ehizuelen M, Vogel K. Effectiveness of a clinical pharmacist medication therapy management program in discontinuation of drugs to avoid in the elderly. *J Manage Care Spec Pharm* 2017;23:525-31.
- **Gupta V**. Hypertension. APhA Pharmacy Library. *Pharmacotherapy First: A Multimedia Learning Resource*. Published May 2017. [Online book chapter]
- **Gupta V**, Viswesh V, Hincapie AL. Impact of supplemental experiential summits during advanced pharmacy practice experiences on student perceptions of preparedness to provide pharmaceutical care. Poster presented at: American Association of Colleges of Pharmacy Annual Meeting; July 16, 2017; Nashville, TN.
- **Jarrett JB**, Gimbar RP. Idarucizumab (Praxbind) for dabigatran (Pradaxa) anticoagulant reversal. *Am Fam Physician* 2017;95:798-800.
- **Jarrett JB**, Moss D. PURLs: oral agent offers relief from generalized hyperhidrosis. *J Fam Pract* 2017;66:392-4.
- **Jarrett JB**, Sairenji T, Klatt PM, Wilson SA. An innovative, residency-based, interprofessional faculty development program. *AJHP* 2017;74:402-8.
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- Sin J, **Li H**, Jandovitz N, et al. Dynamic interplay of pharmacy learners during a solid organ transplantation learning experience. *J Pharm Pract* 2017 Jan. [Epub ahead of print]
- **Michael M**. Hypothyroidism. In: Murphy J, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2017 Book 1. Endocrinology/Nephrology*. Lenexa, KS: American College of Clinical Pharmacy, 2017:89-102.
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#### New ACCP Fellows

- **Sarah L. Anderson**
- **Jennifer N. Clements**

#### Other Notable Achievements

- **Jennie B. Jarrett**: Completed the ACCP Research Institute's Focused Investigator Training Program (FIT)
- **Hanlin Li**: Earned her BCACP in July 2017
- **Melanie Michael**: Earned her BC-ADM
- **Kelly M. Rudd**: Appointed as a Board Member of the National Certification Board for Anticoagulation Providers (NCBAP)
- **Christie Schumacher**: Was Chair for the Midwestern University's 6th Annual Updates in Diabetes Management and Chronic Care Topics
- **Mate M. Soric**: NEOMED Class of 2017 Commencement Hooder

#### Oral Presentations

- **Schumacher C.** Getting to goal: taking a patient-centered approach to diabetes management. Presented for continuing education credit at: 29th Annual Midwest ASCP Regional Conference; July 2017; Oak Brook, IL.
- **Schumacher C.** Your P.O. Plan: picking an oral agent after metformin in the treatment of diabetes. Presented for continuing education credit at: Midwestern University's 6th Annual Updates in Diabetes Management and Chronic Care Topics; June 2017; Downers Grove, IL.
- **Schumacher C**, Bradley K, Van Dril L. Don't miss a beat: an update on the cardiovascular outcomes trials (CVOTs) for newer antihyperglycemic agents. Presented for continuing education credit at: Midwestern University's 6th Annual Updates in Diabetes Management and Chronic Care Topics; June 2017; Downers Grove, IL.
- **Schumacher C**, Bradley K, Van Dril L. Everything but the insulin workshop: non-insulin medications in the treatment of patients with diabetes. Presented for continuing education credit at: Midwestern University's 6th Annual Updates in Diabetes Management and Chronic Care Topics; June 2017; Downers Grove, IL

## Cardiology PRN

#### Promotions

- **Anastasia L. Armbruster**: Associate Professor, St. Louis College of Pharmacy
- **Jessica Bellone**: Associate Professor, Concordia University Wisconsin
- **Dave Dixon**: Director, Center for Pharmacy Practice Innovation, VCU School of Pharmacy
- **Brie Dunn**: Associate Dean for Outcomes Assessment & Accreditation, University of South Carolina College of Pharmacy
- **Genevieve Hale**: Campus Vice Chair of Pharmacy Practice, Nova Southeastern University College of Pharmacy William Baker: Associate Professor with Tenure, University of Connecticut School of Pharmacy
- **Jeff Langford**: Adjunct Assistant Professor, Department of Clinical Pharmacy and Outcomes Sciences, University of South Carolina College of Pharmacy
- **Katie B. Tellor**: Associate Professor, St. Louis College of Pharmacy

#### Awards

- **Sally Arif**: Outstanding Faculty Advisor Award by the Midwestern University Student Senate
- **Jason Karnes**: University of Florida Outstanding Young Alumnus
- **Jeff Langford**: Preceptor of the Year-Central Georgia Region, University of Georgia College of Pharmacy
- **Kristen Pogue**: University of Michigan College of Pharmacy Preceptor of the Year
- **Jo Ellen Rodgers**: 2017 ACCP Clinical Practice Award
- **Katie B. Tellor and Anastasia L. Armbruster**: ACCP Virtual Symposium, Best Poster Award: Evaluation of warfarin requirements in hospitalized, obese patients admitted with a therapeutic INR
- **James Tisdale**: 2017 ACCP Russell R. Miller Award

#### Grants

- **William L. Baker**: AHRQ Grant: Pharmacologic Management of Asthma. Role: Co-I
- **Leo Buckley**: Pharmacometabolomic Response to Interleukin-1 Blockade in Patients with Recently

Decompensated Heart Failure (Heart Failure Society of America to Leo Buckley [PI])

- **James C. Coons:** PI on a grant from United Therapeutics: Evaluation of Factors Influencing Dosing and Clinical Response to Oral Treprostinil
- **Cynthia Jackevicius:** Canadian Institutes for Health Research, Co-PI. Assessing and Improving the Quality of Care and Outcomes of Patients with Atrial Fibrillation in Canada
- **Jason Karnes:** American Heart Association Scientist Development Grant

## Publications

- **Allender JE, Reed BN, Foster JL, Moretz JD, Oliphant CS, Jennings DL, DiDomenico RJ, Coons JC.** Pharmacologic considerations in patients receiving left ventricular percutaneous mechanical circulatory support. *Pharmacotherapy* 2017 Jul 25. [Epub ahead of print]
- **Arif SA, Tran T.** Deep venous thrombosis. In: Schwinghammer TL, Koehler JM, Borchert JS, Park S, Slain DS, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 10th ed. New York: McGraw-Hill, 2017. In press.
- **Atallah B, Khalil M, Sadik ZG, Ferrer R, Stapleton J, Tbishat L, Bader F.** The value of nurse-based patient education in the success of multidisciplinary heart failure programs in developing countries. *Eur J Heart Fail* 2017;19(suppl 1):307.
- **Atallah B, Sadik ZG, Ferrer R, Stapleton J, Khalil M, Bader F.** Utilization and outcomes following initiation of sacubitril/valsartan in a newly established heart failure disease management program. *Eur J Heart Fail* 2017;19(suppl 1):228.
- Bader F, **Atallah B**, Brennan LF, et al. Heart failure in the elderly: ten peculiar management considerations. *Heart Fail Rev* 2017.
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- **Baker WL.** Treating arrhythmias with adjunctive magnesium: identifying future research directions. *Eur Heart J Cardiovasc Pharmacother* 2016 Sep 15. [Epub ahead of print]
- **Baker WL, Buckley LF, Kelly MS, Bucheit JD, Parod ED, Brown R, Carbone S, Abbate A, Dixon DL.** Effects of sodium-glucose transporter 2 inhibitors on 24-hr ambulatory blood pressure: a systematic review and meta-analysis. *J Am Heart Assoc* 2017;6:e005686.
- **Baker WL, Coleman CI.** Vitamin C for prevention of post-cardiothoracic surgery atrial fibrillation: a meta-analysis. *Am J Health Syst Pharm* 2016;73:2056-66.
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- **Brenner M, Hough A.** Patient with concomitant stable coronary artery disease. In: Kiser K, ed. *Anticoagulation Therapy: Cases and Clinical Correlation.* Springer, 2017.
- **Brenner M, Parra D.** Concerns with anticoagulant adherence. In: Kiser K, ed. *Anticoagulation Therapy: Cases and Clinical Correlation.* Springer, 2017.
- **Brenner M, Parra D.** Patient with prior history of GI hemorrhage. In: Kiser K, ed. *Anticoagulation Therapy: Cases and Clinical Correlation.* Springer, 2017.
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- **Buckley LF**, Viscusi MM, **Van Tassell BW**, Abbate A. Interleukin-1 blockade for the treatment of pericarditis. *Eur Heart J Cardiovasc Pharmacother*. In press.
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- Gryka R, **Buckley LF**, Anderson S. Vorapaxar: the current role and future directions of a novel protease-activated receptor antagonist for risk reduction in atherosclerotic disease. *Drugs R D* 2017. [Epub ahead of print]
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- **Van Tassell BW, Buckley LF,** Carbone S, Trankle CR, Canada JM, **Dixon DL,** Abouzaki A, Oddi-Erdle C, Biondi-Zoccai G, Arena R, Abbate A. Interleukin-1 blockade in heart failure with preserved ejection fraction: rationale and design of the Diastolic Heart Failure Anakinra Response Trial 2 (D-HART2). *Clin Cardiol* 2017. <https://doi.org/10.1002/clc.22719>.
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- **Wiggins BS, Sanoski C.** Advanced cardiac life support and post-cardiac arrest management. In: *Cardiology Critical Care. Critical Care Self-Assessment Program (CCSAP)*. American College of Cardiology, 1st ed. January 2017.
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#### New ACCP Fellows

- **James C. Coons**
- **Michael P. Moranville**
- **Christopher A. Paciullo**
- **Maria C. Pruchnicki**
- **Andrew J. Smith**

## Other Notable Achievements

- **Bassam Atallah:** Designated with Added Qualifications in Cardiology
- **William L. Baker:** Elected as a Fellow of the American Heart Association
- **Brandon Cave:** Designated as an ASH Certified Hypertension Clinician
- **Rob DiDomenico:** Elected as a Fellow of the Heart Failure Society of American (FHFA)
- **Dave L. Dixon:** Board Certified Ambulatory Care Pharmacist (BCACP); elected as a Fellow of the American College of Cardiology (FACC)
- **Ben Gross:** Selected by Lipscomb University College of Pharmacy 2017 Graduating Class to deliver the faculty charge
- **Jason Haney:** Board Certified Critical Care Pharmacist (BCCCP)
- **Cynthia Jackevicius:** Associate Editor, Circulation: Cardiovascular Quality and Outcomes
- Jeff Langford: Designated with Added Qualifications in Cardiology
- **James E. Tisdale:** Appointed to the Board of Directors, AZCERT; appointed to the Electrophysiology Section Leadership Council, American College of Cardiology
- **Brian J. Trevarrow:** Seventh Annual Seminar on Therapeutics and Clinical Practice of Pharmaceutical Care: Competence and Performance Assessment for Clinical Pharmacists; Methods on Becoming an Outstanding and Qualified Clinical Pharmacist; Anticoagulation and Antithrombotic Therapy Management in Hospitalized Patients. Pharmacist educational symposium offered at: Tongji University School of Medicine in conjunction with Department of Pharmacy, Shanghai Yangpu District Central Hospital, Yu Zicheng, Ph.D., M.Sc., director; August 27–29, 2016; Shanghai, PR China.
- **Toby C. Trujillo:** Appointed to the CVT Member Section of the Cardiovascular Team Section Leadership Council, American College of Cardiology; appointed as Chair of the Research and Scholarship Committee, Cardiology PRN, American College of Clinical Pharmacy; Appointed as a member of the Legislative Committee, Colorado Pharmacists Society

## Central Nervous System PRN

### Promotions

- **Stephanie V. Phan:** Promoted to Clinical Associate Professor, University of Georgia College of Pharmacy

### Awards

- **Jack J. Chen:** Advanced Practice Pharmacist (California State Board of Pharmacy)

### Grants

- **Joshua Caballero:** Health Literacy Assessment and Intervention to Reduce Disparities: FLIGHT/VIDAS II. Supplement PA16-288:3R01MD010368-01S1. 2016. \$51,950. Co-Principal Investigator (awarded).

### Publications

- **Chen JJ.** Quetiapine in the treatment of Huntington's chorea: a case series. *Calif Pharm* 2016;63:11-4.
- **Chen JJ.** Zonisamide for the management of essential tremor: an illustrative case report on long-term effectiveness. *Calif Pharm* 2017;64:11-4.
- Dashtipour K, Bhidayasiri R, **Chen JJ**, Jabbari B, Lew M, Torres-Russotto D. RimabotulinumtoxinB in sialorrhea: systematic review of clinical trials. *J Clin Mov Disord* 2017;4:9.
- Piper BJ, Beals ML, Abess AT, **Nichols SD**, Martin MB, Cobb CM, DeKeuster RM. Chronic pain patients' perspectives of medical cannabis. *Pain* 2017;158:1373-9.
- Piper BJ, DeKeuster RM, Beals ML, Cobb C, Burchman CA, Perkinson L, Lynn ST, **Nichols SD**, Abess AT. Substitution of medical cannabis for pharmaceutical agents for pain, anxiety, and sleep. *J Psychopharmacol* 2017;31:569-75.
- Piper BJ, Desrosiers CE, Fisher HC, McCall KL, **Nichols SD.** A new tool to tackle the opioid epidemic: description, utility and results from the Maine Diversion Alert Program. *Pharmacotherapy*. May 19 2017. [Epub ahead of print]
- Sunkaraneni S, Passarell JA, Ludwig EA, Fiedler-Kelly J, **Pitner JK**, Grinnell TA, Blum D. Prediction of efficacy for conversion from adjunctive therapy to monotherapy with eslicarbazepine acetate 800 mg once daily for partial-onset epilepsy. *Clin Pharmacol* 2017;9:65-72.
- Kasteleijn Nolst-Trenité DG, Genton P, Brandt C, **Reed RC.** The "photosensitivity model" is (also) a

model for partial focal (partial) seizures. *Epilepsy Res* 2017;133:113-20.

- Ramey P, Osborn MR, Lowen KM, **Reed RC**, Abou-Khalil B. Unexplained spikes in lamotrigine serum concentration: nonlinear elimination? *Acta Neurol Scand* 2017;135:240-6.

#### Other Notable Achievements

- **Benjamin Chavez:** Elected as Treasurer, Board of Directors, College of Psychiatric and Neurologic Pharmacists
- **Lawrence J. Cohen:** Appointed to the BPS Board Certified Pharmacist Specialist Inaugural Specialty Council as a non-specialist member. He also serves on the American College of Clinical Pharmacology Board of Regents as Secretary of the Board.
- **Tim Welty:** Appointed to the Medicines Commission of the International League Against Epilepsy to head a task force dealing with generic substitution of antiepileptic drugs

### Clinical Administration PRN

#### Promotions

- **Joseph Aloï:** Manager, Pharmacy Clinical Practice
- **Herbert Mathews:** Director of Pharmacy, Jefferson Memorial Hospital, Jefferson City, Tennessee

#### Awards

- **Angela Black Smith:** Governor's Award for Excellence in North Carolina

#### New ACCP Fellows

- **Christopher A. Paciullo**

#### Degrees Awarded

- **Angela Black Smith:** Doctorate of Health Administration, Medical University of South Carolina

### Critical Care PRN

The Critical Care PRN Recognition Committee has been completing its charges for the year. Several members from the Critical Care PRN were nominated for ACCP offices and awards. The Critical Care PRN honors its members by presenting its own awards every year. PRN members will be recognized for their achievements throughout the past year at the PRN business meeting at the 2017 ACCP Annual Meeting. If you are interested in joining the Recognition Committee, please e-mail Nick Peters ([npeters.butler@gmail.com](mailto:npeters.butler@gmail.com)).

#### Promotions

- **Caroline Lindsay Ko:** Santa Clara Valley Medical Center PGY2 Critical Care RPD
- **Young Lee:** Associate Professor
- **Megan Rech:** Part-time Adjunct Assistant Professor, Loyola University Chicago, Stritch School of Medicine

#### Awards

- **Sarah Blackwell:** Alabama Society of Health-System Pharmacists New Practitioner of the Year
- **Trisha Branam:** University of Georgia Creative Teaching Award
- **Sonia Everhart:** Best Practices Award Winner 2016 for the American Society of Health-System Pharmacists
- **Leslie Hamilton:** TN Pharmacists Association Distinguished Young Pharmacist
- **Drayton Hammond:** Star Research Award Certificate of Achievement from SCCM
- **Desiree Kosmisky:** SCCM Clinical Pharmacy and Pharmacology Section Young Pharmacist Investigator Award
- **Young Lee:** Preceptor of the Year 2016–2017 for Pharmacy Practice Residency, TTUHSC SOP & Hendrick Medical Center
- **Eric Mueller:** Medication Safety Award (Contributor, UCMC Department of Pharmacy Services; Pharmacy Resident Morbidity, Mortality, and Improvement Optimizes Medication Safety, Ohio Society of Health-System Pharmacists (OHSP))
- **John Radosevich:** PGY1 Pharmacy Practice Residency Preceptor of the Year
- **Pamela L. Smithburger:** American Association of Colleges of Pharmacy Award for Excellence in Assessment: Blended Simulation Progress Testing for Assessment of Practice Readiness

#### Grants

- **Scott Bolesta:** Faculty and Peer-to-Peer Mentored Research in Cardiovascular Science. Submitted March 2017; Wilkes University. Amount requested: \$8000 in direct costs. Submitted. Funding period: June 1, 2017 – August 31, 2017. Receiving agency/agent: Wilkes University. Funded for \$6725.

#### Publications

- **Bolesta S.** Acute kidney injury. In: Schwinghammer TL, Koehler JM, Borchert JS, Slain D, Park SK, eds.



Pharmacotherapy Casebook: A Patient-Focused Approach, 10th ed. New York: McGraw-Hill, 2017;54:151-2.

- **Bolesta S**, Montgomery PA. Pancreatitis. In: DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, eds. Pharmacotherapy: A Pathophysiologic Approach, 10th ed. New York: McGraw-Hill, 2017:545-60.
- Kane-Gill SL, Dasta JF, **Buckley MS**, Devabhakthuni S, Liu M, Cohen H, George EL, Pohlman AS, Agarwal S, Henneman EA, Bejian SM, Berenholtz S, Pepin JL, Scanlon MC, Smith BS. Clinical practice guideline: safe medication use in the ICU. *Crit Care Med* 2017;45:e877-e915.
- Steele AP, Lee JA, **Dager WE**. Incomplete dabigatran reversal with idarucizumab. *Clin Toxicol (Phila)* 2017;1-3. [Epub ahead of print]
- **DeMott JM**, Patel G, Lat I. Evaluating the effects of chronic antihypertensives on vasopressor dosing in septic shock. *Ann Pharmacother* 2017 Aug 1 [Epub ahead of print]
- **Flannery AH**, Pandya K, Laine ME, Almeter PJ, Flynn JD. Managing the rising costs and high drug expenditures in critical care pharmacy practice. *Pharmacotherapy* 2017;37:54-64.
- **Flannery AH**, Thompson Bastin ML, Magee CA, Bensadoun ES. Vitamin C in sepsis: when it seems too sweet, it might (literally) be [letter]. *Chest* 2017;152:450-51.
- Bain JA, **Flannery AH**, Flynn JD, Dager WE. Heparin-induced thrombocytopenia with mechanical circulatory support devices – review of the literature and management considerations. *J Thromb Thrombolysis* 2017;44:76-87.
- Bissell BD, Thompson Bastin ML, Magee CA, Moran PR, **Flannery AH**. Hemodynamic instability secondary to vasopressin withdrawal in septic shock. *J Intensive Care Med* 2017. [Online ahead of print]
- La MK, Thompson Bastin ML, Gisewhite JT, Johnson CA, **Flannery AH**. Impact of restarting home neuropsychiatric medications on sedation outcomes in medical ICU patients. *J Crit Care*. [Online ahead of print]
- Laine ME, Flynn JD, **Flannery AH**. Impact of pharmacist intervention on selection and timing of appropriate antimicrobial therapy in septic shock. *J Pharm Pract*. [Epub ahead of print]
- Thompson Bastin ML, Cook AM, **Flannery AH**. Use of simulation training to prepare pharmacy residents for medical emergencies. *Am J Health Syst Pharm* 2017;74:424-9.
- Wong PJ, Pandya KA, **Flannery AH**. Evaluating the impact of obesity on safety and efficacy of weight-based norepinephrine dosing in septic shock: a single-center, retrospective study. *Intensive Crit Care Nurs* 2017;41:104-8.
- **Hamilton LA**. Fluids, electrolytes, and nutrition. In: 2017 Pharmacotherapy Preparatory Review and Recertification Course. American College of Clinical Pharmacy, 2017.
- **Hamilton LA**, Phelps SJ. Seizure disorders. In: The APHA Complete Review for Pharmacy. American Pharmacists Association, 2017.
- Bader MK, Cahoon WD, Figueroa SA, Wavra T, Guanci MM, Mathiesen C, **Hamilton LA**. Clinical Q&A: translating therapeutic temperature management from theory to practice. *Ther Hypothermia Temp Manag* 2017;7:111-5.
- Griffiths CL, Bulloch M, **Hamilton LA**, Nei S. Clinical pharmacy and pharmacology recruitment exchange: 3 years in the making. Poster presented (Griffiths CL) at: ACCP Virtual Poster Symposium; May 18, 2017.
- Griffiths CL, Bulloch M, **Hamilton LA**, Nei S. Clinical pharmacy and pharmacology recruitment exchange: 3 years in the making. Poster presented (Griffiths CL, Bulloch M) at: Society of Critical Care Medicine Annual Congress; January 23, 2017; Honolulu, HI.
- Rowe AS, Hawkins B, Buzzeo M, Faulkner A, **Hamilton LA**, Henry J, Seaton B, Stanborough R, Ferrell A, Wiseman B. Contrast-induced nephropathy in stroke patients undergoing CT angiography. Poster presented (Rowe AS) at: Society of Critical Care Medicine Annual Congress; January 22, 2017; Honolulu, HI.
- Stoneman CE, Winters SD, **Hamilton LA**. Length of stay in patients with influenza and bacterial pneumonia receiving vancomycin or linezolid. Poster presented (Stoneman CE) at: Society of Critical Care Medicine Annual Congress; January 22, 2017; Honolulu, HI.
- Vizzini A, Badjatia N, Freeman WD, **Hamilton LA**, Goodall K. Nutrition and metabolism. In: Neurocritical Care Live. Neurocritical Care Society, 2017.
- **Hammond DA**, Atkinson L, James T, Painter J, Lusardi K. Effects of staff education and standardizing dosing and collection times on vancomycin trough appropriateness in ward patients. *Pharm Pract* 2017;15:949.

- **Hammond DA**, Kathe N, Shah A, Martin BC. Cost-effectiveness of histamine(2) receptor antagonists versus proton pump inhibitors for stress ulcer prophylaxis in critically ill patients. *Pharmacotherapy* 2017;37:43-53.
- **Hammond DA**, Oyler DR, Devlin JW, Painter JT, Bolesta S, Swanson JM, Bailey BJ, Branat T, Barletta JF, Dunn B, Haney JS, Juang P, Kane-Gill SL, Kiser TH, Shafeeq H, Skaar D, Smithburger P, Taylor J. Perceived motivating factors and barriers for the completion of postgraduate training among American pharmacy students prior to beginning advanced pharmacy practice experiences. *Am J Pharm Educ* 2017;81:Article 90.
- **Hammond DA**, Smith MN, Li C, Hayes SM, Lusardi K, Bookstaver PB. Systematic review and meta-analysis of acute kidney injury associated with concomitant vancomycin and piperacillin/tazobactam. *Clin Infect Dis* 2017;64:666-74.
- Bailey B, Bowers BL, **Hammond DA**. Peer leadership for pharmacy students. *Am J Health Syst Pharm* 2017;74:282-5.
- Wiley TL, Rowe JM, **Hammond DA**. Making the most of advanced pharmacy practice experiences. *Am J Health Syst Pharm* 2017;74:648-51.
- Wong A, Erdman M, **Hammond DA**, Holt T, Holzhausen JM, Horng M, Huang LL, Jarvis J, Kram B, Kram S, Lesch C, Mercer J, Rech MA, Rivosecchi R, Stump B, Teevan C, Day S. Major publications in the critical care pharmacotherapy literature in 2015. *Am J Health Syst Pharm* 2017;74:295-311.
- Farrokh S, Castle AC, **Heavner MS**, Pisani MA. Continuation rate of atypical antipsychotics after discharge when initiated in the intensive care unit. *J Pharm Pract* 2017;30:342-6.
- Isherwood M, Murphy ML, Bingham AL, Siemianowski LA, Hunter K, **Hollands JM**. Evaluation of safety and effectiveness of standardized antifactor Xa-based unfractionated heparin protocols in obese versus non-obese patients. *J Thromb Thrombolysis* 2017;43:476-83.
- Solomon DM, **Hollands JM**, Siemianowski LA, Smith CE, Song RJ, Bingham AL. Do patients with a baseline clinical condition warranting the cautious use of parenteral nutrition develop subsequent metabolic complications? *Nutr Clin Pract* 2017;32:400-6.
- McCutcheon LR, Alzghari SK, **Lee YR**, Long WG, Marquez R. Interprofessional education and distance education: a review and appraisal of the current literature. *Curr Pharm Teach Learn* 2017;9:729-36.
- Sartelli M, Labricciosa FM, Barbadoro P, **Lee YR**, et al. The Global Alliance for Infections in Surgery. Defining a model for antimicrobial stewardship. Results from an international cross-sectional survey. *World J Emerg Surg.* 2017;12:34.
- **Mueller EW**. Infectious diseases I. In: Abel EE, Bauer SR, Benken ST, et al., eds. *Updates in Therapeutics®: Critical Care Pharmacy Preparatory Review Course*, 2017 ed. Lenexa, KS: American College of Clinical Pharmacy, vol. 3.
- **Phillips J**, Mohorn P, Bookstaver R, Ezekiel T, Watson C. Hemostatic management of trauma-induced coagulopathy. *Crit Care Nurs* 2017;37:37-47.
- **Rech MA**, Barbas B, Chaney W, Greenhalgh E, Turck C. When to pick the nose: out-of-hospital and emergency department intranasal administration of medications. *Ann Emerg Med* 2017;70:203-11.
- **Rech MA**, Bennett S, Donahey E. Pharmacist participation in acute ischemic stroke decreases door-to-needle time to tissue plasminogen activator. *Ann Pharmacother* 2017 Jul 1. [Epub ahead of print]
- **Rech MA**, Mosier MJ, Zelisko S, Netzer G, Kovacs EJ, Afshar M. Comparison of a novel coding algorithm versus the American Burn Association sepsis definition to examine the epidemiology of sepsis in burn-injured adults. *J Burn Care Res* 2017 Feb 22.
- **Rech MA**, Von Roenn N, Durazo-Arvizu R, Cotler SJ, Kramer H. Vitamin D levels are associated with liver disease severity in patients with cirrhosis. *J Ren Hepat Disord* 2017;1:1-9.
- Kane-Gill SL, **Smithburger PL**, Kashani K, Kellum JA, Frazee E. Clinical relevance and predicative value of damage biomarkers of drug-induced kidney injury. *Drug Saf* 2017 Jul 3. [Epub ahead of print]
- **Weaver CB**, Kane-Gill SL, Gunn SR, et al. A retrospective analysis of the effectiveness of antipsychotics in the treatment of ICU delirium. *J Crit Care* 2016.

#### New Fellows

- **Leslie Hamilton**: FCCP American College of Clinical Pharmacy; FCCM – Society of Critical Care Medicine
- **Chris Paciullo**: FCCP – American College of Clinical Pharmacy
- **Pamela L. Smithburger**: FCCP – American College of Clinical Pharmacy

## Other Notable Achievements

- **Sarah Blackwell:** Board Certified Critical Care Pharmacist (BCCCP) and Princeton Baptist Medical Center PGY1 Residency Program Director
- **Scott Bolesta:** Secretary-Treasurer, SCCM Research Section
- **Mitchell Buckley:** ACCP Annual Meeting Planning Committee
- **William Dager:** Reagent, American College of Critical Care Medicine
- **Justin Delic:** Board Certified Critical Care Pharmacist (BCCCP)
- **Joshua M. DeMott:** Completed an M.S. degree in Clinical Research
- **Sonia Everhart:** Characterizations of telepharmacist interventions in hyponatremia management during the research snapshot theater: quality and safety 19. Presented at: Society of Critical Care Medicine 46th Critical Care Congress; Invited speaker at the South Carolina Society of Health-System Pharmacists Annual Meeting in March 2017 – Topic: Pharmacist Opportunities Within Telemedicine
- **Sarah Foos:** Board Certified Critical Care Pharmacist (BCCCP); Professional Affairs Division Director for the Ohio Society of Health-System Pharmacists
- **Christine Groth:** Board Certified Critical Care Pharmacist (BCCCP)
- **Drayton Hammond:** Chair-Elect, Critical Care PRN; Charge leader, Journal Club Charge for Education Committee, CPP Section of SCCM; Charge leader, Mentor-Mentee Program Charge for Membership Committee, CPP Section of SCCM
- **Caroline Lindsay Ko:** Board Certified Critical Care Pharmacist (BCCCP)
- **Rachel Krueer:** BPS Critical Care Specialty Council Member; Maryland Society of Health-System Pharmacy President
- **Eric Mueller:** Critical Care Pharmacotherapy Trials Network (CCPTN) 2011–2016; Executive Committee, 2012–2016; Chair, Operations and Funding Committee, 2012–2016; Facilitation of Critical Care Traineeship, University of Cincinnati Medical Center (UCMC), American Society of Health-System Pharmacists (ASHP), 2005 – present; Standard Setting Committee for Critical Care, American College of Clinical Pharmacy (ACCP), 2016 – present

- **Katie Nault:** Board Certified Critical Care Pharmacist (BCCCP); Invited review article accepted for publication in JBJS
- **Megan Rech:** Board Certified Critical Care Pharmacist (BCCCP); Chair-Elect, SCCM CPP Research & Scholarship Committee
- **Sara Schulz:** Board Certified Critical Care Pharmacist (BCCCP)
- **Pamela L. Smithburger:** Board Certified Critical Care Pharmacist (BCCCP); National Quality Forum: Member Liaison for the Society of Critical Care Medicine
- **Cory Weaver:** Board Certified Critical Care Pharmacist (BCCCP)

## Drug Information PRN

### Promotions

- **Brown JN, Britnell SR, Stivers AP, Cruz JL.** Medication safety in clinical trials: role of the pharmacist in optimizing practice, collaboration, and education to reduce errors. *Yale J Biol Med* 2017;90:125-33.
- **Brown JN, Murfin M.** Drug information and electronic resources. In: Dong BJ, Elliot DP, eds. *Ambulatory Care Self-Assessment Program, 2017 Book 3. Nutritional and Gastroenterologic Care.* Lenexa, KS: American College of Clinical Pharmacy, 2017:171-90.
- **Chillari KA, Britnell SR, Brown JN, Hammond JM.** Desensitization to protein kinase inhibitors: a systematic review. *Ann Allergy Asthma Immunol* 2017;119:9-15.
- **Loy BM, Yang S, Moss JM, Kemp DW, Brown JN.** Application of the layered learning practice model in an academic medical center. *Hosp Pharm* 2017;52:266-72.
- **Titus-Rains K, Brown JN, Hammond JM.** Ibrutinib-associated tumor lysis syndrome in chronic lymphocytic leukemia/small lymphocytic lymphoma and mantle cell lymphoma: a case series. *J Oncol Pharm Pract* 2017 July 16. [Epub ahead of print]
- **Gosser RA, Saha S.** Use of biologics in the treatment of inflammatory bowel disease in pregnant and lactating women. *JPSW* May 2017. In press.
- **Posey M.** Interprofessional Solutions for Improving Oral Health in Older Adults: Addressing Access Barriers, Creating Oral Health Champions. Published by the Gerontological Society of America. Available at [http://alliance-rdhpractitioners.org/index\\_htm\\_files/gsa2017oralhealthwhitepaper.pdf](http://alliance-rdhpractitioners.org/index_htm_files/gsa2017oralhealthwhitepaper.pdf).

- **Rodriguez R**, Moody ML, Kelly BJ. A survey evaluating the training, responsibilities, and practices of Pharmacy & Therapeutics Committee member and non-member contributors. *J Manag Care Pharm* 2017;23:868-74.
- **Rodriguez R**, Soni R. Psoriatic arthritis: established, newer, and emerging therapies. *Practical Pain Manage* 2017;17:37-43.
- Shah J, **Rodriguez R**. Are abuse-deterrent opioid products a double-edged sword? *Practical Pain Manage* 2017;17:45-53.

#### New ACCP Fellows

- **Michael Gabay**

#### Other Notable Achievements

- **Michelle W. McCarthy**: University of Virginia Healthy System's PGY1 Pharmacy Residency program, directed by Michelle W. McCarthy, was selected as the 2017 ASHP Foundation Residency Excellence Program Award.

## Education and Training PRN

#### Introduction

Over the past 6 months, the EDTR PRN committees have been preparing for the Annual Meeting as well as brainstorming additional avenues to support the development of its members. Specifically, the Professional Development Committee developed the first annual Teaching Enhancement Grant for PRN members to support educational initiatives. In addition, the PRN has expanded its social media presence with the use of Twitter and an increase in Facebook followers. Finally, several committees have worked together to adjust the PRN's poster walk-rounds process for all PRN members, including students, residents, and fellows.

#### Member Accomplishments

##### Promotions

- **Kassandra Bartelme**: Promoted to Associate Professor of Pharmacy Practice at Concordia University Wisconsin School of Pharmacy
- **Andrew S. Bzowickyj**: Promoted to Clinical Associate Professor, Division of Pharmacy Practice & Administration at University of Missouri-Kansas City School of Pharmacy
- **Lara C. Kerwin**: Promoted to Assistant Professor of Pharmacy Practice, Division of Ambulatory Care at St. Louis College of Pharmacy

- **Stephanie V. Phan**: Promoted to Clinical Associate Professor at University of Georgia College of Pharmacy
- **Lindsay Saum**: Promoted to Associate Professor of Pharmacy Practice at Butler University College of Pharmacy
- **Nancy S. Yunker**: Promoted to Associate Professor, Department of Pharmacotherapy and Outcomes Science at Virginia Commonwealth University School of Pharmacy

#### Awards

- **Elias B. Chahine**: Residency Preceptor of the Year, Florida Society of Health-System Pharmacists
- **Emily J. Christenberry**: American College of Clinical Pharmacy (ACCP) Education and Training PRN MeRIT Program Travel Award
- **Sarah T. Eudaley**: 2017 American Association of Colleges of Pharmacy (AACP) Walmart Scholar Program, Faculty Mentor for Corey Medler, Pharm.D. Candidate 2018
- **Alexandra E. Foster**: 2017 American Association of Colleges of Pharmacy (AACP) Walmart Scholar Program
- **Lindsay Saum**: Butler University Pharmacy Practice Preceptor of the Year Award
- **Michael J. Scalese**: Auburn University Harrison School of Pharmacy Student Advocate Award
- **Mate M. Soric**: Class of 2017 Commencement Hooder, Northeast Ohio Medical University College of Pharmacy

#### Grants

- **Elias B. Chahine**: Assessing Knowledge and Attitudes of Long-term Care Residents Regarding Antibiotics and Vaccines Before and After Pharmacy Student-Led Interventions. PI. Palm Beach Atlantic University Quality Initiative Grant, \$2000
- **Eliza A. Dy-Boarman**: 2017 National Association of Boards of Pharmacy (NABP)/American Associations of Colleges of Pharmacy (AACP) District Five Individual Study Grant
- **Sarah E. Petite**: Petite SE, Murphy JA. The Impact of the Implementation of a Pharmacist-Driven COPD Management Program. American Society of Health-System Pharmacists (ASHP) Foundation New Investigator Award, \$20,000

## Publications

- **Bzowickyj AS**, Brommelsiek M, Lofgren M, Gotham HJ, Lindsey CC. Reflecting on care: using reflective journaling to evaluate interprofessional education and clinical practicum experiences in two urban primary care clinics. *J Interprof Educ Pract* 2017;8:6-9.
- Janke KK, **Bzowickyj AS**, Traynor AP. Editors' perspectives on enhancing manuscript quality and editorial decisions through peer review and reviewer development. *Am J Pharm Educ* 2017;81:Article 73.
- **Chahine EB**, Sucher AJ, Hemstreet BA. Sofosbuvir/velpatasvir: the first pan-genotypic direct-acting antiviral combination for hepatitis C. *Ann Pharmacother* 2017;51:44-53.
- **Cox CD**, Cheon J, Crooks SM, et al. Behind the numbers of an online preceptor video mini-series: a proven approach to preceptor development. *Am J Pharm Educ* 2017;81:Article 12.
- **Cox CD**, Samuel NG. Utilizing an innovative preceptor video mini-series to prepare students for experiential rotations: does it work? *Inov Pharm* 2017;8:Article 20. <http://pubs.lib.umn.edu/innovations/vol8/iss2/20>.
- **Cox CD**, Samuel NG, Cheon J. Use of an innovative interprofessional mini-series movie to train preceptors. *Inov Pharm* 2017;8:Article 17. <http://pubs.lib.umn.edu/innovations/vol8/iss2/17>.
- McCutcheon LRM, Whitcomb K, **Cox CD**, et al. Interprofessional objective structured teaching exercise (iOSTE) to train preceptors. *Curr Pharm Teach Learn* 2017;9:605-15.
- **Dy-Boorman EA**, Nisly SA, Martin D. Use of a health screening and education event to change student attitudes towards the elderly. *Curr Pharm Teach Learn* 2017;9:101-7.
- Haines SL, **Dy-Boorman EA**, Clifford KM, et al. Methods used by US colleges/schools of pharmacy to prepare student pharmacists for careers in academia. *Am J Pharm Educ* 2017;81:Article 6.
- **Foster AE**, Reeves DR. Inpatient antineoplastic medication administration and associated drug costs: institution of a hospital policy limiting inpatient administration. *P T* 2017;42:388-93.
- Reeves DR, **Foster AE**. Intravenous lidocaine infusion for the management of pain uncontrolled by opioid medications [published online ahead of print May 10, 2017]. *J Pain Palliat Care Pharmacother*.
- Isherwood M, Murphy ML, Bingham AL, Siemianowski LA, Hunter K, **Hollands JM**. Evaluation of safety and effectiveness of standardized antifactor Xa-based unfractionated heparin protocols in obese versus non-obese patients. *J Thromb Thrombolysis* 2017;43:476-83.
- Solomon DM, **Hollands JM**, Siemianowski LA, Smith CE, Song RJ, Bingham AL. Do patients with a baseline clinical condition warranting the cautious use of parenteral nutrition develop subsequent metabolic complications? *Nutr Clin Pract* 2017;32:400-6.
- **Jarrett JB**, Berenbrok LA. Entrustable professional activities: personalization and expansion for pharmacy graduates? *AJPE* 2016;80:161.
- **Jarrett JB**, Gimbar RP. Idarucizumab (Praxbind) for dabigatran (Pradaxa) anticoagulant reversal. *Am Fam Physician* 2017;95:798-800.
- **Jarrett JB**, Moss D. PURLs: oral agent offers relief from generalized hyperhidrosis. *J Fam Pract* 2017;66:392-4.
- **Jarrett JB**, Sairenji T, Klatt PM, Wilson SA. An innovative, residency-based, interprofessional faculty development program. *AJHP* 2017;74:402-8.
- **Jarrett JB**, Sauereisen S. PURLs: when can exercise supplant surgery for degenerative meniscal tears? *J Fam Pract* 2017;66:250-2.
- Felton MA, **Jarrett JB**, Hoffmaster R, D'Amico F, Sakely H, Pruskowski J. Delirium in an inpatient geriatric palliative care population: comparison of antipsychotic treatment strategies. *J Am Geriatr Soc* 2017;65(suppl 1):S130.
- Felton MA, **Jarrett JB**, Meyer SM. Geriatric care curriculum in US PharmD programs: what's happening? *Curr Pharm Teach Learn* 2017;9:504-9.
- Lounsbery JL, **Jarrett JB**, Dickerson LM, Wilson SA. Integration of clinical pharmacists in family medicine residency programs. *Fam Med* 2017;49:430-6.
- Reust CE, Stevermer JJ, **Jarrett JB**. PURLs: a more palatable alternative to oral rehydration therapy for kids. *J Fam Pract* 2016;65:924-6.
- Rindfuss SL, **Jarrett JB**, Lounsbery JL. Scholarly contributions of pharmacist educators in family medicine: a five-year review. *J Interprof Ed Pract* 2017;6:23-6.
- **Kolanczyk DM**. Anticoagulation management considerations for mechanical valves. In: Kiser K, ed. *Oral Anticoagulation Therapy Cases and Clinical Correlation*. Springer, 2017.

- Dunker A, **Kolanczyk DM**, Maendel C, Patel AR, Pettit NN. Impact of the FDA warning for azithromycin and risk for QT prolongation on utilization at an academic medical center. *Hosp Pharm* 2016;51:830-3.
- Piper BJ, Beals ML, Abess AT, **Nichols SD**, Martin MB, Cobb CM, DeKeuster RM. Chronic pain patients' perspectives of medical cannabis. *Pain* 2017;158:1373-9.
- Piper BJ, DeKeuster RM, Beals ML, Cobb C, Burchman CA, Perkinson L, Lynn ST, **Nichols SD**, Abess AT. Substitution of medical cannabis for pharmaceutical agents for pain, anxiety, and sleep. *J Psychopharmacol* 2017;31:569-75.
- Piper BJ, Desrosiers CE, Fisher HC, McCall KL, **Nichols SD**. A new tool to tackle the opioid epidemic: description, utility and results from the Maine Diversion Alert Program. *Pharmacotherapy* May 19, 2017. [Epub ahead of print]
- Dy-Boarman E, Martin D, **Nisly SA**. Use of a health screening and education event to change student attitudes towards the elderly. *Curr Pharm Teach Learn* 2017;9:101-7.
- Isaacs AN, **Nisly SA**, Walton AM. Student-generated e-learning for clinical education. *Clin Teach* 2017;14:129-33.
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- **Peeters MJ**, Garavalia LS. Teachable moments matter for: an analysis of the use of pharmacy curriculum outcomes assessment (PCOA) scores within one professional program. *Curr Pharm Teach Learn* 2017;9:175-7.
- **Peeters MJ**, Hayes LM. A plea for psychometric rigor. *Am J Pharm Educ* 2017;81:Article 79.
- **Peeters MJ**, Martin BA. Validation of learning assessments: a primer. *Curr Pharm Teach Learn* 2017;9(5). [Epub ahead of print]
- **Peeters MJ**, Sexton M. Exploring IPE development with reflections. *CAB* 2017. [abstract, oral presentation]
- **Peeters MJ**, Sexton M. Further IPE development using reflective-writing. *Am J Pharm Educ* 2017;81:Article S5. [abstract]
- **Peeters MJ**, Wryobeck JM, Smith MK. IPE motivational interviewing. *Am J Pharm Educ* 2017;81:Article S5. [abstract]
- Baki G, Borden MJ, **Peeters MJ**. Introducing an undergraduate degree of cosmetic science and formulation design within a college of pharmacy. *Inov Pharm* 2017;8:Article 9.
- Haines SL, Dy-Boarman EA, Clifford KM, Summa MA, Wilson, MN, Boyle JA, **Peeters MJ**. Methods used by US colleges/schools of pharmacy to prepare student pharmacists for careers in academia. *Am J Pharm Educ* 2017;81:Article 6.
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- Naegele T, Whitner J, **Peeters MJ**. The role of professional engagement within professionalism development of PharmD students. *Am J Pharm Educ* 2017;81:Article S5. [abstract]
- Sexton M, Metz AE, Hasbrouck CS, **Peeters MJ**. A team-based interprofessional education course for first-year health professions students. *Curr Pharm Teach Learn* 2017;9(6). [Epub ahead of print]
- **Petite SE**. Role of long-acting muscarinic antagonist/long-acting beta2-agonist therapy in chronic obstructive pulmonary disease. *Ann Pharmacother* 2017;51:696-705.
- **Scalese MJ**, Hayes SL, Lott S. Antithrombotic therapy post endovascular stenting for superior vena cava syndrome. *Hosp Pharm*. In press.
- **Scalese MJ**, Salvatore DJ. Role of digoxin in atrial fibrillation. *J Pharm Pract* 2017;30:434-40.
- Gibson CM, Smith CB, Davis S, **Scalese MJ**. Assessment of apixaban prescribing patterns for nonvalvular atrial fibrillation in hospitalized patients. *Ann Pharmacother* 2017. [Epub ahead of print]
- Kido K, **Scalese MJ**. Management of oral anticoagulation therapy after gastrointestinal bleeding: whether to, when to, and how to restart an anticoagulation therapy. *2017 Ann Pharmacother*. [Epub ahead of print]
- Rahman MM, **Scalese MJ**, Hansen RA. Dipeptidyl peptidase-4 inhibitor associated risk of bleeding: an evaluation of reported adverse events. *Ann Pharmacother* 2017.
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- **Soric MM**. The lay of the land: assessing your practice site for learning experiences. In: **Soric MM**, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed. Bethesda, MD: American Society of Health-System Pharmacists, 2017:3-12.
- **Soric MM**. Orientation. In: **Soric MM**, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed. Bethesda, MD: American Society of Health-System Pharmacists, 2017:47-54.
- **Soric MM**. Study designs: fundamentals, interpretation, and research topics. In: Bernhardt MB, Blackmer A, Capparelli E, et al., eds. *Updates in Therapeutics®: Pediatric Pharmacy Preparatory Review and Recertification Course*. 2017 ed. Lenexa, KS: American College of Clinical Pharmacy, 2017:371-401.
- **Soric MM**. Writing your syllabus or learning experience description. In: **Soric MM**, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed. Bethesda, MD: American Society of Health-System Pharmacists, 2017:29-44.
- **Soric MM**, Schneider SR, Wisneski SS, eds. *The Effective Pharmacy Preceptor*, 1st ed. Bethesda, MD: American Society of Health-System Pharmacists, 2017.
- **Whitley HP**, Hanson C, Parton JM. Systematic diabetes screening using point-of-care HbA1c testing facilitates identification of prediabetes. *Ann Fam Med* 2017;15:162-4.

#### New ACCP Fellows

- **Jennifer N. Clements**
- **Kalen Manasco**
- **Nicole R. Pinelli**
- **Maria C. Pruchnicki**
- **Erin C. Raney**
- **Andrew J. Smith**
- **Margie E. Snyder**
- **Kayla R. Stover**

#### Other Notable Achievements

- **Emily J. Christenberry**: 2017 ACCP MeRIT Program Participant

- **Lara C. Kerwin**: An alternative to traditional student ratings of teaching for course CQI. National invited presentation at: American Association of Colleges of Pharmacy (AACP) Annual Meeting; July 2017; Nashville, TN.
- **Beth H. Resman-Targoff**: Ask the experts: inside musculoskeletal diseases. National invited presentation at: American Pharmacists Association (APhA) Annual Meeting; March 2017; San Francisco, CA; appointed to the Association of Rheumatology Health Professionals Membership & Nominations Committee
- **Thomas Szymanski**: Appointed to the American College of Clinical Pharmacy (ACCP) Resident Advisory Committee as Member-at-Large

## Emergency Medicine PRN

### Awards

- **Saamil Vaghela**: Emergency Medicine Clinical Pharmacy Specialist, Virginians Speak Up for Safety Award, Virginia Hospital and Healthcare Association
- **Kyle Weant**: ACCP EMED PRN Mentor of the Year; Pharmacy Residency Preceptor of the Year, Emergency Medicine Residency Program: Pharmacy Services Award, Medical University of South Carolina
- **David E. Zimmerman**: AACP Walmart Scholar Mentor

### Grants

- **Asad (Sid) Patanwala**: Comparison of Drug Administration Logistics Between 3-Factor PCC, 4-Factor PCC and Fresh Frozen Plasma in Bleeding Patients in the Emergency Department. CSL Behring. 2017–2018 (Role: PI); Comparison of 3-Factor versus 4-Factor Prothrombin Complex Concentrate with Regard to INR Reversal, Blood Product Use and Costs. CSL Behring. 2016–2017 (Role: PI).
- **David E. Zimmerman**: Duquesne University Faculty Development Fund Grant: \$8518.00.

### Promotions

- **Nicole Acquisto**: Associate Professor, Department of Emergency Medicine, University of Rochester School of Medicine and Dentistry
- **Patrick Bridgeman**: Adjunct Assistant Professor, Department of Emergency Medicine, Robert Wood Johnson Medical School, Rutgers, State University of New Jersey

- **Darrel W. Hughes:** Adjunct Associate Professor, Department of Emergency Medicine, UT Health San Antonio
- **Megan Musselman:** Residency Program Director, PGY1 Pharmacy Residency Program, North Kansas City Hospital
- **Michael C. Thomas:** Professor and Chair, Department of Pharmacy Practice, McWhorter School of Pharmacy, Samford University

## Publications

- **Acquisto NM,** Bodkin RP, Johnstone C. Medication errors with push dose pressors in the emergency department and intensive care units. *Am J Emerg Med* 2017. [Epub ahead of print]
- Lee M, Badowski M, **Acquisto NM,** Covey DF, Fox, BD, Gaffney SM, Haines ST, Hilaire ML, Raymond A, Salvo MC, Turner K. ACCP template for evaluating a clinical pharmacist. *Pharmacotherapy* 2017;37:e21-9.
- **Awad N, Bridgeman P.** Clinical toxicology learning experiences in post-graduate emergency medicine pharmacy residency programs [abstract program 273]. 2016 North American Congress of Clinical Toxicology Annual Meeting Abstracts. Boston, MA. *Clin Toxicol* 2016;54:784-5.
- **Awad N, Cocchio C, Bridgeman P.** Clinical pharmacists are essential to the care of patients in the emergency department. *Ann Emerg Med* 2016;68:392-3.
- **Awad NI,** Mell HK, Swaminathan AK, Hayes BD. Response to: "Medication errors with push dose pressors in the emergency department and intensive care units." *Am J Emerg Med* 2017. [Epub ahead of print]
- **Bailey AM, Baum RA, Horn K,** Lewis T, **Morizio K,** Schultz A, **Weant KA,** Justice SN. Review of intranasally administered medications for use in the emergency department. *J Emerg Med* 2017. [Epub ahead of print]
- **Bailey AM,** Justice S, Davis GA, **Weant KA.** Delayed hematologic toxicity following rattlesnake envenomation unresponsive to Crotalidae polyvalent antivenom. *Am J Emerg Med* 2017;35:1038e1-1038e2.
- Abazia DT, Bridgeman MB, **Bridgeman P,** Sturgill M. Medicinal cannabis in pharmacy education: time for a curricular change or just reefer madness? *Am J Pharm Educ* 2017;81:Article S5.
- Abazia DT, Bridgeman MB, **Bridgeman P,** Sturgill M. Pharmacists' attitudes and knowledge regarding the use of medicinal marijuana in the state of New Jersey [abstract]. *APhA 2017 abstracts of contributed papers.* *J Am Pharm Assoc* 2017;57:e99.
- Martin C, Sobolewski K, **Bridgeman P,** Boutsikaris D. Systemic thrombolysis: a review. *P T* 2016;41:770-7.
- DeAngelo J, Jarrell D, Cosgrove R, Camamo J, **Edwards C, Patanwala AE.** Comparison of 3-factor versus 4-factor prothrombin complex concentrate with regard to warfarin reversal, blood product use, and costs. *Am J Ther* 2017 Jul 26. [Epub ahead of print]
- Aniemeke E, Crowther B, Younts S, **Hughes D,** Franco-Martinez C. Clinical pharmacy discharge counseling service and the impact on readmission rates in high-risk patients. *Hosp Pharm* 2017;52:348-52.
- **Jawaro T, Bridgeman P,** Wei G. Evaluation of the prevalence of drug-drug Interactions in patients discharged from an academic emergency department. *Research Forum Abstracts. Ann Emerg Med* 2016;68:S127.
- **Metts EL, Bailey AM, Weant KA,** Justice SB. Identification of rate-limiting steps in the provision of thrombolytics for acute ischemic stroke. *J Pharm Pract* 2016. [Epub ahead of print]
- **Musselman ME,** Berrong SM, Gripka S. Student-led task force increases hospital self-assessment completion rates and practice advancement initiative awareness. *Am J Health Syst Pharm* 2017;74:772-4.
- **Nguyen TT,** Armengol C, Wilhoite G, Cumpston KL, Wills BK. Adverse events from physostigmine: An observational study. *Am J Emerg Med* 2017. [Epub ahead of print]
- **Nguyen TT,** Baker B, Ferguson JD. Allergic reaction to ketamine as monotherapy for procedural sedation. *J Emerg Med* 2017;52:562-4.
- **Nguyen TT,** Maclasco A, Vitto MJ. Medication mismanagement using the rivaroxaban demonstration pack. *Am J Health Syst Pharm* 2017;74:872-3.
- **Nguyen TT,** Stanton J, Foster R. Intramuscular ziprasidone dosing for acute agitation in the pediatric emergency department. *J Pharm Pract* 2017. [Epub ahead of print]
- **Patanwala AE.** Acute pain management. In: Katz MD, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy Principles and Practice Study Guide: A Case-Based Care Plan Approach*, 4th ed. New York: McGraw-Hill, 2017:141-4.



- **Patanwala AE.** Analgesia. In: Erstad BL, ed. *Critical Care Pharmacotherapy*. Lenexa, KS: American College of Clinical Pharmacy, 2016:147-60.
- **Patanwala AE,** Aljuhani O, Kopp BJ, Erstad BL. Methocarbamol use is associated with decreased hospital length of stay in trauma patients with closed rib fractures. *Am J Surg* 2017. [Epub ahead of print]
- **Patanwala AE,** Erstad BL, Murphy JE. Student use of flipped classroom videos in a therapeutics course. *Curr Pharm Teach Learn* 2017;9:50-4.
- **Patanwala AE,** Sanders AB. Drug therapy in the geriatric patient. In: Walls RM, ed. *Rosen's Emergency Medicine: Concepts and Clinical Practice*, 9th ed. Philadelphia: Elsevier, 2017.
- Amini R, **Patanwala AE,** Adhikari S. The risks and benefits of treating isolated calf deep vein thrombosis: terms to discuss with your patient. *JAMA Surg* 2017;152:605-6.
- Khobrani MA, Camamo JM, **Patanwala AE.** Effect of intravenous acetaminophen on post-anesthesia care unit length of stay, opioid consumption, pain, and analgesic drug costs after ambulatory surgery. *P T* 2017;42:125-39.
- Palmer P, Walker JA, **Patanwala AE,** Hagberg CA, House JA. Cost of Intravenous Analgesia for the Management of Acute Pain in the Emergency Department is Substantial in the United States. *JHEOR* 2017;5:1-15.
- Sakles JC, Corn GJ, Hollinger P, Arcaris B, **Patanwala AE,** Mosier JM. The impact of a soiled airway on intubation success in the emergency department when using the GlideScope or the direct laryngoscope. *Acad Emerg Med* 2017;24:628-36.
- Sakles JC, Douglas MJK, Hypes CD, **Patanwala AE,** Mosier JM. Management of patients with predicted difficult airways in an academic emergency department. *J Emerg Med* 2017;53:163-71.
- **Schult RF, Acquisto NM,** Stair CK, Wiegand TJ. A case of lionfish envenomation presenting to an inland emergency department. *Case Rep Emerg Med* 2017. In press.
- Mo Y, **Thomas MC,** Antigua AD, Ebied AM, Karras GE. Continuous lidocaine infusion as adjunctive analgesia in intensive care unit patients. *J Clin Pharm* 2017;57:830-6.
- **Weant KA, Bailey AM,** Baum RA, Justice SB, Calhoun CD. Antiemetic use in the emergency department. *Adv Emerg Nurs J* 2017;39:97-105.

- **Weant KA, Bailey AM,** Baum RA, Justice SB, Calhoun CD. Chemotherapy in the emergency department? There is a role for that: methotrexate for ectopic pregnancy. *Adv Emerg Nurs J* 2017;39:18-25.
- Batykefer B, Covvey JR, **Zimmerman DE.** The relationship between nicardipine dosing, blood pressure, and body composition in patients with intracranial bleeding. *Pharmacotherapy* 2016;36:e228.
- Guarascio AJ, Nemecek BD, **Zimmerman DE.** Evaluation of student's perceptions of the Socrative application versus a traditional student response system and its impact on classroom engagement. *Curr Pharm Teach Learn* 2017.
- Jachim L, Brun C, Covvey JR, **Zimmerman DE.** The relationship between diltiazem dosing, rate control and body composition in patients with atrial fibrillation and rapid ventricular response. *Pharmacotherapy* 2016; 36:e228.

#### New Fellows

- **Nicole Acquisto**

#### Other Notable Achievements

- **Nicole Acquisto:** Board Certified Critical Care Pharmacist (BCCCP)
- **Nancy Balch:** Board Certified Critical Care Pharmacist (BCCCP)
- **Craig Cocchio:** Establishment of PGY2 Emergency Medicine Pharmacy Residency Program (candidate status), CHRISTUS Trinity Mother Francis Hospital
- **Ruben Santiago:** Board Certified Critical Care Pharmacist (BCCCP)
- **Michael C. Thomas:** Faculty Panel Chair for PSAP Book: Pulmonary and Emergency Medicine

#### Appointees to the Board of Pharmacy Specialties Emergency Medicine Pharmacy Practice Analysis Taskforce:

- Patrick Bridgeman
- Katelyn R. Dervay
- Christopher J. Edwards
- Kristin H. Eginger
- A. Katie Hiles
- Darrel W. Hughes
- Samantha P. Jellinek-Cohen
- Molly A. Mason
- Kyle A. Weant
- Suprat Saely Wilson

## Endocrine and Metabolism PRN

### Promotions

- **Andrew Bzowyckj:** Promoted to Clinical Associate Professor, Division of Pharmacy Practice & Administration
- **Lara C. Kerwin:** Assistant Professor of Pharmacy Practice, Division of Ambulatory Care – St. Louis College of Pharmacy

### Awards/Certifications

- **Jennifer Goldman:** Awarded Faculty Preceptor of the Year Award, MCPHS Biopharmaceutical Industry Fellowship Program
- **Anne Misher:** Board Certified in Advanced Diabetes Management (BC-ADM)

### Grants

- **Sonak Pastakia:** Infrastructural Support to Develop a Novel Vocational School for Street Youth. \$85,000; Creation of Pharmacy Infrastructure in a Resource-Constrained Setting. \$165,000. Strengthening Referral Networks for the Management of Hypertension Across the Health System (STRENGTHS) trial (NIH). \$900,000; Community-Based Screening for Breast and Cervical Cancer in Rural Western Kenya. \$13,000; KICKS – Kenyan Improvised Compression Therapy for Kaposi Sarcoma. \$20,000; Development of Novel Paper-Based Counterfeit Detection Tools for Chemotherapy. \$95,000

### Presentations

- **Gupta V, Viswesh V, Hincapie AL.** Impact of supplemental experiential summits during advanced pharmacy practice experiences on student perceptions of preparedness to provide pharmaceutical care. Poster presented at: American Association of Colleges of Pharmacy Annual Meeting; July 16, 2017; Nashville TN.
- Hincapie AL, Penm J, Vargas C, Avila M, Rover M, Morales F, Villa L, Chinthammit C, **Gupta V.** Evaluating the evidence: a medication safety research: a Bibliometric Analysis of Latin America (LATAM) scientific research output (2000–2015). Poster presented at: International Pharmaceutical Federation (FIP) World Congress; August 28 – September 1, 2016; Buenos Aires.
- Hincapie AL, Penm J, Vargas C, Avila M, Rover M, Morales F, Villa L, Chinthammit C, **Gupta V.** Systematic review of medication errors in Latin America (LATAM). Poster presented at:

International Pharmaceutical Federation (FIP) World Congress; August 28 – September 1, 2016; Buenos Aires.

- **Hanania R, Reiter J.** Diabetes management from hospital admission through post-discharge. Poster presented at: American Association of Diabetes Educators 2017 Conference; August 2017; Indianapolis, IN.
- Janke KK, **Kerwin LC.** An alternative to traditional student ratings of teaching for course CQI. Mini-session presented at: 2017 AACP Annual Meeting; July 2017; Nashville, TN.
- **Klinkebiel D.** You want me to start what? Tips & techniques to optimize education with today's diabetes medication choices. Presented at: Avera McKennan Diabetes Conference; Sioux Falls, SD.
- **Schumacher C.** Getting to goal: taking a patient-centered approach to diabetes management. Presented for continuing education credit at: 29th Annual Midwest ASCP Regional Conference; Oak Brook, IL.
- **Schumacher C.** Your P.O. plan: picking an oral agent after metformin in the treatment of diabetes. Presented for continuing education credit to pharmacists, Midwestern University alumni, and preceptors at: Midwestern University's 6th Annual Updates in Diabetes Management and Chronic Care Topics; Downers Grove, IL.
- **Schumacher C, Bradley K, Van Dril L.** Don't miss a beat: an update on the cardiovascular outcomes trials (CVOTs) for newer antihyperglycemic agents. Presented for continuing education credit to pharmacists, Midwestern University alumni, and preceptors at: Midwestern University's 6th Annual Updates in Diabetes Management and Chronic Care Topics; Downers Grove, IL.
- **Schumacher C, Bradley K, Van Dril L.** Everything but the insulin workshop: non-insulin medications in the treatment of patients with diabetes. Presented for continuing education credit to pharmacists, Midwestern University alumni and preceptors at: Midwestern University's 6th Annual Updates in Diabetes Management and Chronic Care Topics; Downers Grove, IL.

### Publications

- Karter AJ, Kasia J, Lipska KJ, O'Connor PJ, Liu JY, Moffet HH, Schroeder EB, Lawrence JM, Nichols GA, Newton KN, Pathak RD, Desai J, Waitzfelder B, **Butler MG,** Thomas A, Steiner JF; on behalf of the SUPREME-DM Study Group. High rates of severe hypoglycemia among African American

diabetes patients: the Surveillance, Prevention, and Management of Diabetes Mellitus (SUPREME-DM) Network. *J Diabetes Complications* 2017;31:869-73.

- Trivedi M, Li L, Fung V, Kharbanda EO, Larkin EK, **Butler MG**, Horan K, Lieu TA, Wu AC. Racial Disparities in Family-Provider Interactions for Pediatric Asthma Care. *J Asthma* 2017 Jul 14:1-6. [Epub ahead of print]
- **Bzowickyj AS**, Brommelsiek M, Lofgren M, Gotham HJ, Lindsey CC. Reflecting on care: using reflective journaling to evaluate interprofessional education and clinical practicum experiences in two urban primary care clinics. *J Interprof Educ Pract* 2017;8:6-9.
- Janke KK, **Bzowickyj AS**, Traynor AP. Editors' perspectives on enhancing manuscript quality and editorial decisions through peer review and reviewer development. *Am J Pharm Educ* 2017;81:Article 73.
- **Donihi AC**. Practical recommendations for transitioning patients with type 2 diabetes from hospital to home. *Curr Diab Rep* 2017;17:52.
- **Goldman JD**, Kapitza C, Pettus J, Heise T. Understanding how pharmacokinetic and pharmacodynamic differences of basal analog insulins influence clinical practice. Published online ahead of print May 2017. *Curr Med Res Opin*.
- **Goldman JD**, Trujillo J. iGlarLixi: a fixed-ratio combination of insulin glargine 100U/ml and lixisenatide for the treatment of type 2 diabetes. Published online ahead of print June 2017. *Ann Pharmacother*.
- Dvorkin Camiel L, Kostka-Rokosz M, Tataronis G, **Goldman JD**. Performance and perceptions of student teams created and stratified based on academic abilities. *AJPE* 2017;81:1-7. Article 47.
- Taglieri C, Schnee D, Dvorkin Camiel L, Zaiken K, Mistry A, Nigro S, Tataronis G, Patel D, Jacobson S, **Goldman JD**. Comparison of long-term knowledge retention in lecture-based versus flipped team-based learning course delivery. *Curr Pharm Teach Learn* 2017;9:391-7.
- Trujillo J, **Goldman JD**. Lixisenatide, a once daily prandial glucagon-like peptide-1 receptor agonist for the treatment of adults with type 2 diabetes. Published online ahead of print May 2017. *Pharmacotherapy*.

- Valentine V, **Goldman JD**, Shubrook J. Rationale for initiation and titration of the basal insulin/GLP-1RA fixed-ratio combination products, IDegLira and IGLarLixi, for the management of type 2 diabetes. Published online ahead of print July 2017, *Diabetes Ther*.
- **Gupta V**. Hypertension. APhA Pharmacy Library. *Pharmacotherapy First: A Multimedia Learning Resource*. Published May 2017. [Online book chapter]
- **Hurren KM**, Dunham MW. Pharmacokinetic drug evaluation of extended release lorcaserin for the treatment of obesity. *Expert Opin Drug Metab Toxicol* 2017;13:891-6.
- **Pastakia SD**, Njuguna BN, Onyango BA, Washington S, Christofferson-Deb A, Kosgei W, Saravanan P. Prevalence of gestational diabetes mellitus based on various screening strategies in western Kenya: a prospective comparison of point of care diagnostic methods. *BMC Pregnancy Childbirth* 2017;17:226.
- **Pastakia SD**, Pekny CR, Manyara SM, Fischer L. Review of diabetes in sub-Saharan Africa, from policy to practice to progress: targeting the existing gaps for future care for diabetes. *Diabetes Metab Obes* 2017;10:247-63.
- Atun R, Davies J, Gale EAM, **Pastakia SD**, et al. Diabetes in sub-Saharan Africa; from clinical care to health policy. *Lancet Diabetes Endocrinol*. <http://dx.doi.org/10.1016/>.
- Vedanthan R, Kamano JH, Lee H, **Pastakia SD**, et al. Bridging Income Generation with Group Integrated Care (BIGPIC) for cardiovascular risk reduction: rationale and design of the BIGPIC study. *Am Heart J* 2017;188:175-85.

#### New ACCP Fellows

- Jennifer Clements
- Sonak Pastakia

#### Other Notable Achievements

- **Sonak Pastakia**: Completed Ph.D. degree from the University of Warwick, UK
- **Sara (Mandy) Reece**: Inducted as a Fellow of American Association of Diabetes Educators (AADE)

## Geriatrics PRN

### Awards

- **Crystal Burkhardt:** Tideswell, the AGS/ADGAP Emerging Leaders in Aging Program
- **Jeannie Lee:** University of Arizona Academic Leadership Institute (ALI) Certificate

### Grants

- **Jeannie Lee:** Medication Education, Decision Support, Reminding and Monitoring System (MEDSRem), NIH funding (R21), April 2017; Depression Treatment and Outcomes Among Older Adults with Dementia in the United States, NIH funding (R03), August 2017

### Publications

- **Burkhardt C,** Melton B, Mason R, Kalender-Rich J, Hayley D. Interprofessional geriatric chronic care management outcomes. *J Am Geriatr Soc* 2017;65(suppl 1):S101.
- **Lee JK,** Alshehri S, Kurdi S, Amanti C, Mohler J. Interprofessional Team Care Program for Preventing Avoidable Admissions Among Assisted Living Elders (PA4LE). *J Am Geriatr Soc* 2017;65(suppl 1):S173-4.
- Almutairi A, Zhou L, Gellad WF, **Lee JK,** Slack M, Martin JR, Lo-Ciganic W. Effectiveness and safety of non-vitamin K oral anticoagulants for non-valvular atrial fibrillation or venous thromboembolism: systematic review and meta-analyses. *Clin Ther* 2017 Jun 28. [Epub ahead of print]
- Axon DR, Augustine JM, **Lee JK (senior author).** An assessment of student pharmacists' knowledge and attitudes on herbal medications. *Am J Pharm Educ* 2017.
- Cioltan H, Alshehri S, Howe C, **Lee J,** Fain M, Eng H, Schachter K, Mohler J. Variation in use of antipsychotic medications in nursing homes in the United States: a systematic review. *BMC Geriatr* 2017;17:32-44.
- Fazel MT, Bagalagel A, **Lee JK,** Martin JR, Slack MK. Impact of diabetes care by pharmacists as part of health care team in ambulatory settings: a systematic review and meta-analysis. *Ann Pharmacother* 2017 Jun 2. [Epub ahead of print]
- Lo-Ciganic W, Floden L, **Lee JK,** Ashbeck EL, Zhou L, Chinthammit C, Purdy AW, Kwok CK. Patterns of analgesic use and risk of recurrent falls

in patients with or at-risk of knee osteoarthritis: data from the Osteoarthritis Initiative. *Osteoarthritis Cartilage* 2017.

### Promotions

- **Norma J. Owens:** Associate Dean of Student and Academic Affairs

### Posters

- Donohoe KL, Alotaibi FM, Ogbonna KC, **Peron EP,** Powers KE, Shuford VP, Slattum PW. The assessment of changes in student pharmacists' knowledge, skills, and attitudes toward older adults. Presented at: American Association of Colleges of Pharmacy Annual Meeting; July 2017; Nashville, TN.
- Sideris E, Dur J, Lockeman K, **Peron EP,** Waters L, Dow A, Boling P. Assessing the relationship between collaboration and team performance among students in an interprofessional geriatric virtual case. American Geriatrics Society Annual Meeting, San Antonio, TX. May 2017.

## GI/Liver/Nutrition PRN

### Introduction

The GILN PRN would like to congratulate members on the following accomplishments from March 2017 – September 2017. We hope to see you at the Fall ACCP meeting if you are planning to attend!

### Promotions

- **Nancy Yunker:** Promoted to Associate Professor
- **John Flaherty:** Promoted to Senior Director, Clinical Research, Liver Disease Therapeutics. Gilead Sciences (February 2017)
- **April Smith:** Promoted from Assistant to Associate Professor of Pharmacy Practice (Spring 2017)

### Publications

- **Bell-Harlan AM, Martin MT.** Fatty Liver Disease: Nutrition, Gut Microbiome, and Pharmacotherapy. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program, 2017 Book 3. Nutritional/ GI Care.* Lenexa, KS: American College of Clinical Pharmacy, 2017:149-170.
- Dunn EE, Vranek K, **Hynicka LM,** Gripshover J, Potosky D, Mattingly TJ 2nd. Evaluating a collaborative approach to improve prior authorization efficiency in the treatment of hepatitis C virus. *Qual Manag Health Care* 2017;26(3):136-9.

- Fung S, Kwan P, Fabri M, Horban A, Pelemis M, Hann HW, Gurel S, Caruntu FA, **Flaherty JF**, Massetto B, Kim K, Kitrinis KM, Subramanian GM, McHutchison JG, Yee LJ, Elkhatab M, Berg T, Sporea I, Yurdaydin C, Husa P, Jablkowski MS, Gane E. Tenofovir disoproxil fumarate (TDF) vs. emtricitabine (FTC)/TDF in lamivudine resistant hepatitis B: A 5-year randomised study. *J Hepatol*. 2017 Jan;66:11-18.
- **Hynicka LM**. State-of-the art of HCV vaccines in the era of new antivirals. *Drugs of the Future* 2017; 42(3):157.
- Isho NY, Kachlic M, Marcelo J, **Martin MT**. Pharmacist-initiated hepatitis C virus screening in an outpatient pharmacy to increase awareness and link to care at the medical center. *J Am Pharm Assoc* 2017;57(3S):S259-S264.
- Jacobson IM, Washington MK, Buti M, Thompson A, Afdhal N, Flisiak R, Akarca US, Tchernev KG, **Flaherty JF**, Aguilar Schall R, Myers RP, Subramanian GM, McHutchison JG, Younossi Z, Marcellin P, Patel K. Factors Associated With Persistent Increase in Level of Alanine Aminotransferase in Patients With Chronic Hepatitis B Receiving Oral Antiviral Therapy. *Clin Gastroenterol Hepatol*. 2017 Jul;15:1087-1094.
- Liu Y, Corsa AC, Buti M, Cathcart AL, **Flaherty JF**, Miller MD, Kitrinis KM, Marcellin P, Gane EJ. No detectable resistance to tenofovir disoproxil fumarate in HBeAg+ and HBeAg- patients with chronic hepatitis B after 8 years of treatment. *J Viral Hepat*. 2017 Jan;24:68-74.
- Ramsdell T, **Smith AN**, Kerkhove, E. Compliance with Updated Sepsis Bundles to Meet New Sepsis Core Measure in a Tertiary Care Hospital. *Hosp Pharm* 2017;52(3):177-186.
- **Martin MT, Deming P**. Closing the gap: the challenges of treating genotype 3 hepatitis C virus. *Pharmacotherapy* 2017;37(6):735-747.
- **Martin MT**, Koppe S. Elbasvir/grazoprevir use in post-liver transplantation patients on hemodialysis. *Transplantation* 2017;101(9):2088-2091.
- Molino S, **Martin MT**. Hepatitis C virus resistance testing in genotype 1: the changing role in clinical utility. *Ann Pharmacother* 2017;51(9):811-816.
- **Smith AN**, Patel D. Nutritional Considerations in the Bariatric Surgery Patient. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program, 2017 Book 3. Nutritional/GI Care*. Lenexa, KS: American College of Clinical Pharmacy, 2017:33-51.

#### Presentations:

- **Smith AN**. The Pharmacist's Role on the Bariatric Surgery Team. Invited faculty at the 2nd annual Advancing Practice Through Patient Centered Care conference. Abu Dhabi, United Arab Emirates (4/21/2017).
- **Smith AN**. Surgical and Non-Surgical Management of Obesity. Presentation and Workshop. Invited faculty at the 2nd annual Advancing Practice Through Patient Centered Care conference. Abu Dhabi, United Arab Emirates (4/22/2017).
- **Martin MT**. Optimizing HCV Treatment Continuity and Outcomes: Empowering Pharmacists to Take Action. Developed and presented a 45 minute CPE program for the Pharmacy Learning Network Program. Orange County, CA (3/4/2017); Newark, NJ (5/6/2017).
- Fried M, **Martin MT**. Can National Elimination Goals Be Achieved in the Combat Against the HCV Epidemic?. Co-presented a live 60 minute CE webinar for PRIME (5/24/2017).
- **Smith AN**. Management of Obesity: A Case-Based Approach. CE Presentation for Pharmacists. Universal Activity Number (UAN)# 0839-9999-17-046-L04-P. Heraklion, Crete Greece.

#### Other Notable Achievements

- **Steve Polgsted: Named as Chair-Elect for the Pediatric Section of ASPEN**

#### New ACCP Fellows:

- **Michelle Martin, PharmD, BCPS, BCACP** and **Emma Tillman, PharmD, BCNSP** were elected FCCP.

## Global Health PRN

#### Introduction

Many PRN members have been recognized for the distinctions listed below, most notably Debra Goff, who received our PRN's first Memorial Award, which will be presented during our business meeting.

The Global Health PRN has started a mentorship program to connect members interested in learning more about Global Health to mentors with similar interests. So far, seven mentor-mentee pairs have been assigned. Global Health PRN secretary/treasurer Yardlee Kauffman is coordinating the Mentor-Mentee Program. If interested in participating at any time, either as a mentor or as a mentee, please send an e-mail to [y.kauffman@uscience.edu](mailto:y.kauffman@uscience.edu).

Is global health an interest of yours? If so, we'd love to have you join us for our business meeting during this year's ACCP Annual Meeting:

[Global Health PRN Business Meeting and Networking Forum](#)

6:30 p.m. – 8:30 p.m. (MST)

Location: District American Kitchen and Wine Bar (next to the Sheraton Hotel)

Feel free to "like" our Facebook page for Global Health updates at <https://www.facebook.com/ACCPglobalhealthPRN/?fref=ts>.

### Promotions

- **Bonnie C. Greenwood:** Assistant Professor – Department of Family Medicine and Community Health, University of Massachusetts Medical School

### Awards

- **Sally Arif:** Golden Apple Teaching Award from the Class of 2017; Preceptor of the Year Award from the Class of 2017 at Midwestern University Chicago College of Pharmacy
- **Debra Goff:** Global Health PRN Renee Holder Memorial Award recipient
- **Yardlee Kauffman:** Bright Idea Award for Innovative Teaching, University of the Sciences; University of Pennsylvania Center for Public Health Institute, Adjunct Fellow

### Grants

- **Debra Goff:** Ohio State University Office of International Affairs, Global Collaboration to Assess Nigerian Medical and Pharmacy Students' Knowledge of Antibiotic Stewardship and Superbugs
- **Sonak Pastakia:** Infrastructural Support to Develop a Novel Vocational School for Street Youth. \$85,000; Creation of Pharmacy Infrastructure in a Resource-Constrained Setting. \$165,000. Strengthening Referral Networks for the Management of Hypertension Across the Health System (STRENGTHS) trial (NIH). \$900,000; Community-Based Screening for Breast and Cervical Cancer in Rural Western Kenya. \$13,000; KICKS – Kenyan Improvised Compression Therapy for Kaposi Sarcoma. \$20,000; Development of Novel Paper-Based Counterfeit Detection Tools for Chemotherapy. \$95,000
- **Emily Peron:** Faculty Development Seminar in Guatemala and Mexico. 5/29/2017 –6/11/2017. Virginia Commonwealth University Quest Global Impact Awards: \$10,000

### Publications

- **Goff DA,** Karam G, Haines S. Impact of a national antimicrobial stewardship mentoring program: insights and lessons learned. *Am J Health Syst Pharm* 2017;74:e34-41.
- **Goff DA,** Kullar R, Bauer K, File T. Eight habits of highly effective antimicrobial stewardship programs to meet the Joint Commission Standards for Hospitals. *Clin Infect Dis* 2017;64:1134-9.
- **Goff DA,** Kullar R, Goldstein E, et al. A global call from five countries to collaborate in antibiotic stewardship: united we succeed, divided we might fail. *Lancet Infect Dis* 2017;17:e56-e63.
- **Goff DA,** Mendelson M. Antibiotic stewardship hits a home run for patients. *Lancet Infect Dis* 2017.
- Ubaka C, Brechtelsbauer E, **Goff DA.** International mentoring programs: leadership opportunities to enhance worldwide pharmacy practice. *Hosp Pharm* 2017.
- Wenzler E, Wang F, **Goff DA,** et al. An automated, pharmacist-driven initiative improves quality of care for *Staphylococcus aureus* bacteremia. *Clin Infect Dis* 2017 Apr 4. [Epub ahead of print]
- Tran S, Lavitas P, Stevens K, **Greenwood BC,** Clements K, Alper CJ, Lenz K, Price M, Hyder T, Arnold JL, Takeshita M, Bacon R, Peristere JP, Jeffrey PL. The effect of a Federal Controlled Substance Act schedule change on hydrocodone combination products claims in a Medicaid population. *J Manag Care Spec Pharm* 2017;23:532-9.
- **Han Z,** Pettit NN, Landon E, Brielmaier BD. Impact of pharmacy practice model expansion on pharmacokinetic services: optimization of vancomycin dosing and improved patient safety. *Hosp Pharm* 2017;52:273-9.
- Buehrle K, Pisano J, **Han Z,** Pettit NN. Guideline compliance and clinical outcomes among patients with *Staphylococcus aureus* bacteremia with infectious diseases consultation in addition to antimicrobial stewardship-directed review. *Am J Infect Control* 2017;45:713-6.
- Pettit NN, Miceli M, Rivera C, Narayanan P, Perissinotti A, Hsu M, delaCruz J, Gedrimaite Z, **Han Z,** Steinbeck J, Pisano J, Seo S, Paskovaty A. Multicenter study of posaconazole delayed-release tablet serum level and association with hepatotoxicity and QTc prolongation. *J Antimicrob Chemother* 2017. [Epub ahead of print]
- **Kauffman YS,** Delate T, Botts S. Metabolic monitoring in children 5 years of age and younger prescribed second-generation antipsychotic medications. *Ment Health Clin [Internet]*. 2017;7:1-6.

- Otsuka S, Smith J, Patterson B, **Kauffman YS**, Pontiggia L, Honeywell S, Day S. Examining predictors of an interdisciplinary, outpatient transitions of care service using the Anderson Healthcare Utilization Model. J Pharm Health Serv Res. In press.

#### Other Notable Achievements

- **Debra Goff**: TEDx speaker on “Antibiotics: ‘just-in-case.’” With 7100 views on YouTube to date: [https://www.youtube.com/watch?v=ALryAB\\_AYiA](https://www.youtube.com/watch?v=ALryAB_AYiA); created an animated video with 1600 views on YouTube titled “Battling superbugs”: <https://youtu.be/i7JdBfusaAo>.
- **Yardlee Kauffman**: Selected to serve on the Editorial Advisory Board of the Pennsylvania Pharmacists Association

### Health Outcomes PRN

#### Publications

- **Evoy KE**, Morrison MD, Saklad SR. Abuse and misuse of pregabalin and gabapentin. Drugs 2017;77:403-26.
- Stanford MM, Oprinovich SM, **Snyder ME**. Beyond the PGY-1 community pharmacy residency: characterizing career pathways of residency graduates. J Am Pharm Assoc 2017;57:S191-S196.e2.
- Nguyen E, **Sobieraj DM**. The impact of appointment-based medication synchronization on medication taking behavior and health outcomes: a systematic review. J Clin Pharm Ther 2017;42:404-13.
- **Young HN**, Len-Rios ME, Brown R, Moreno MM, Cox E. How does patient-provider communication influence adherence to asthma medications? Patient Educ Couns 2017;100:696-702.

#### Other Notable Achievements

- **Wendy M. Lantaff**: Received an M.S. degree in pharmacy practice with a concentration in medication safety from Purdue University (May); completed Hook Drug Foundation Fellowship in Community Practice Research (June 30); obtained the Board Certified Ambulatory Care Pharmacist credential (July 1); formed Eudaemonia Health, LLC, a clinical pharmacy consulting service specializing in community and ambulatory care pharmacy, I serve as president (July/August)
- **Margie E. Snyder**: Will be inducted as a 2017 Fellow of the American College of Clinical Pharmacy

- **Diana M. Sobieraj**: Has been selected as the recipient for the 2017 ACCP New Investigator Award

### Hematology/Oncology PRN

#### Introduction

The Hematology/Oncology PRN is preparing for the ACCP Annual Meeting. We will have our Hematology/Oncology PRN business meeting and networking forum on Monday, October 9, 6:30 p.m. – 8:30 p.m. (MST), at the Sheraton Grand Phoenix Third Level: Laveen A Meeting Room.

#### Promotions

- **Deborah Hass**: Started a new position as an Associate Professor at West Coast University School of Pharmacy in Los Angeles, California
- **Irene La-Beck**: Promoted from Assistant Professor to Associate Professor with tenure, Department of Immunotherapeutics & Biotechnology, Texas Tech University Health Sciences Center School of Pharmacy

#### Awards

- **Lisa Holle**: Received platform award for Oncology Dose-Rounding Program. Presented at: International Society of Oncology Pharmacy Practitioners (ISOPP) XVI International Symposium on Oncology Pharmacy Practice; April 27, 2017; Budapest, Hungary.

#### Grants

- **Alexandre Chan**: Awarded a research grant (under the Clinician-Scientist Individual Research Grant category) by the National Medical Research Council Singapore titled “Adolescent and Young Adult Cancer Patients: Cognitive Toxicity on Survivorship” (ACTS)

#### Publications

- Ogunniyi A, Rodriguez M, Devlin S, **Adel N**, Landau H, Chung DJ, Lendvai N, Lesokhin A, Koehne G, Mailankody S, Korde N, Reich L, Landgren O, Giral S, Hassoun H. Upfront use of plerixafor and granulocyte-colony stimulating factor (G-CSF) for stem cell mobilization in patients with multiple myeloma: efficacy and analysis of risk factors associated with poor stem cell collection efficiency. Leuk Lymphoma 2017;58:1123-9.
- **Barreto JN**, McCullough KB, Peskey CS, Dierkhising RA, Mara KC, Elliott MA, Gastineau DA, Al-Kali A, Gangat N, Letendre L, Hogan WJ, Litzow MR, Patnaik MM. Safety and feasibility of lower

antithrombin replacement targets in adult patients with hematological malignancies receiving asparaginase therapy. *Leuk Lymphoma* 2017;58:2588-97.

- Frazee E, Rule AD, Lieske JC, Kashani KB, **Barreto JN**, Virk A, Kuper PJ, Dierkhising RA, Leung N. Cystatin C-guided vancomycin dosing in critically ill patients: a quality improvement project. *Am J Kidney Dis* 2017;69:658-66.
- Leung JG, Hasassri ME, **Barreto JN**, Nelson S, Morgan RJ III. Characterization of admission types in medically hospitalized patients prescribed clozapine. *Psychosomatics* 2017;58:164-72.
- Gillis NK, Hicks JK, **Bell GC**, Daly AJ, Kanetsky PA, McLeod HL. Incidence and triggers of Stevens-Johnson syndrome and toxic epidermal necrolysis in a large cancer patient cohort. *J Invest Dermatol* 2017 May 23.
- Vo TT, **Bell GC**, Owusu Obeng A, Hicks JK, Dunnenberger HM. Pharmacogenomics implementation: considerations for selecting a reference laboratory. *Pharmacotherapy* 2017 Jul 12.
- Dorajoo SR, See V, Chan CT, Tan JZ, Tan DS, Abdul Razak SM, Ong TT, Koomanan N, Yap CW, **Chan A**. Identifying potentially avoidable readmissions: a medication-based 15-day readmission risk stratification algorithm. *Pharmacotherapy* 2017;37:268-77.
- Wang XJ, **Chan A**. Optimizing symptoms and management of febrile neutropenia among cancer patients: current status and Future directions. *Curr Oncol Rep* 2017;19:20.
- Wang XJ, Goh DYT, Dorajoo SR, **Chan A**. The prognostic performance of adding patient-reported outcomes to the MASCC risk index to identify low-risk febrile neutropenia patients with solid tumors and lymphomas. *Support Care Cancer* 2017;25:2815-22.
- Wang XJ, Tan TT, Lim ST, Farid M, Tao M, Quek R, **Chan A**, Tang T. Role of procalcitonin in differentiating between infectious and noninfectious fevers among patients with lymphoma. *Pharmacotherapy* 2017;37:908-15.
- Wang XJ, Tong WX, **Chan A**. Therapeutic use of filgrastim for established febrile neutropenia is cost-effective among patients with solid tumors and lymphomas. *Clin Ther* 2017;39:1161-70.
- Andrick B, Alwhaibi A, **DeRemer DL**, Quershi S, Khan R, Bryan LJ, Somanath PR, Pantin J. Lack of adequate pneumococcal vaccination response in chronic lymphocytic leukaemia patients receiving ibrutinib. *Br J Haematol* 2017 Jul 24.
- Gwynn ME, **DeRemer DL**. The emerging role of PD-1/PD-L1-targeting immunotherapy in the treatment of metastatic urothelial carcinoma. *Ann Pharmacother* 2017 Aug 1.
- Holle LM, Harris CS, Chan A, **Fahrenbruch RJ**, Labdi BA, Mohs JE, Norris LB, Perkins J, Vela CM. Pharmacists' roles in oncology pharmacy services: results of a global survey. *J Oncol Pharm Pract* 2017;23:185-94.
- Huang H, Liu T, Guo J, Yu L, Wu X, He Y, Li D, Liu J, Zhang K, Zheng X, **Goodin S**. Brefeldin A enhances docetaxel-induced growth inhibition and apoptosis in prostate cancer cells in monolayer and 3D cultures. *Bioorg Med Chem Lett* 2017;27:2286-91.
- Wang ZS, Huang HR, Zhang LY, Kim S, He Y, Li DL, Farischoon C, Zhang K, Zheng X, Du ZY, **Goodin S**. Mechanistic study of inhibitory effects of metformin and atorvastatin in combination on prostate cancer cells in vitro and in vivo. *Biol Pharm Bull* 2017;40:1247-54.
- Yu L, Wu X, Chen M, Huang H, He Y, Wang H, Li D, Du Z, Zhang K, **Goodin S**, Zheng X. The effects and mechanism of YK-4-279 in combination with docetaxel on prostate cancer. *Int J Med Sci* 2017;14:356-66.
- Gupta N, Diderichsen PM, Hanley MJ, Berg D, van de Velde H, **Harvey RD**, Venkatakrishnan K. Population pharmacokinetic analysis of ixazomib, an oral proteasome inhibitor, including data from the phase III TOURMALINE-MM1 study to inform labelling. *Clin Pharmacokinet* 2017 Mar 13.
- Chlan LL, Skaar DJ, Tracy MF, **Hayes SM**, Hetland BD, Savik K, Weinert CR. Safety and acceptability of patient-administered sedatives during mechanical ventilation. *Am J Crit Care* 2017;26:288-96.
- **Holle LM**. Cancer screening and prevention. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program, 2017 Book 1. Oncologic/Hematologic Care*. Lenexa, KS: American College of Clinical Pharmacy, 2017.
- **Holle LM**, Clement JM, Davis LS. Colorectal cancer. In: DiPiro T, Matzke GR, Yee GC, et al, eds. *Pharmacotherapy: A Pathophysiologic Approach, 10th ed*. New York: McGraw-Hill, 2017.
- Ferrone M, Kebodeaux C, Fitzgerald J, **Holle L**. Implementation of a virtual dispensing simulator to support US pharmacy education. *Curr Pharm Teach Learn* 2017;9:4:511-20.
- Gagnon M, **Holle L**. FDA Approves rucaparib for advanced ovarian cancer. *Drug Topics*. April 2017. Holle LM. Pharmacist perspective on the CDC



guideline for prescribing opioids for chronic pain. Drug Top March 2017:54-65.

- Jung LL, **Holle LM**. Hypercalcemia of malignancy. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 10th ed. New York: McGraw-Hill, 2017.
- **Johnson TM**. Perspective on precision medicine in oncology. *Pharmacotherapy* 2017.
- Berger MJ, Ettinger DS, Aston J, ... **Kloth DD**, et al. NCCN guidelines insights: antiemesis, version 2, 2017. *J Natl Compr Canc Netw* 2017;15:883-93.
- Gee JR, Saltzstein DR, Kim K, **Kolesar J**, et al. A phase II randomized, double-blind, presurgical trial of Polyphenon E in bladder cancer patients to evaluate pharmacodynamics and bladder tissue biomarkers. *Cancer Prev Res (Phila)* 2017;10:298-307.
- Koth SM, **Kolesar J**. New options and controversies in the management of chemotherapy-induced nausea and vomiting. *Am J Health Syst Pharm* 2017;74:812-9.
- McGinty L, **Kolesar J**. Dinutuximab for maintenance therapy in pediatric neuroblastoma. *Am J Health Syst Pharm* 2017;74:563-7.
- Becher OJ, Millard NE, Modak S, ... **Kolesar JM**, et al. A phase I study of single-agent perifosine for recurrent or refractory pediatric CNS and solid tumors. *PLoS One* 2017;12:e0178593.
- Holle LM, Harris CS, Chan A, ... **Labdi BA**, et al. Pharmacists' roles in oncology pharmacy services: results of a global survey. *J Oncol Pharm Pract* 2017;23:185-94.
- Adam JP, Boumediene F, **Letarte N**, Provencher D. Single agent trabectedin in heavily pretreated patients with recurrent ovarian cancer. *Gynecol Oncol* 2017 Jul 24.
- **La-Beck NM (co-corresponding author)**, Gabizon AA. Nanoparticle interactions with the immune system: clinical implications for liposome-based cancer chemotherapy. *Front Immunol* 2017;8:416.
- Le A, Alzghari, S, Jean G, **La-Beck NM (co-corresponding author)**. Update on targeted therapies for advanced non-small cell lung cancer – nivolumab in context. *Ther Clin Risk Manag* 2017;13:223-36.
- Millisor VE, Roberts JK, Sun Y, ... **Pauley JL**, et al. Derivation of new equations to estimate glomerular filtration rate in pediatric oncology patients. *Pediatr Nephrol* 2017 Jun 2.

- Holle LM, Harris CS, Chan A, ... **Perkins J**, et al. Pharmacists' roles in oncology pharmacy services: results of a global survey. *J Oncol Pharm Pract* 2017;2:185-94.
- Kharfan-Dabaja MA, Komrokji RS, Zhang Q, ... **Perkins J**, et al. TP53 and IDH2 somatic mutations are associated with inferior overall survival after allogeneic hematopoietic cell transplantation for myelodysplastic syndrome. *Clin Lymphoma Myeloma Leuk* 2017 Jun 16.
- Nightingale G, **Saunders IM**, Comeau JM, Fancher K, Miller T, O'Bryant C, Yeh J; Hematology/Oncology Pharmacy Association Entry-level Competencies Task Force. Hematology/Oncology Pharmacy Association Entry-Level Competencies Task Force Response Statement to the 2016 American College of Clinical Pharmacy Pharmacotherapy Didactic Curriculum Toolkit. *Pharmacotherapy* 2017;37:e30-e31.
- Patel P, Robinson PD, **Thackray J**, Flank J, Holdsworth MT, Gibson P, Orsey A, Portwine C, Freedman J, Madden JR, Phillips R, Sung, L, Dupuis LL. Guideline for the prevention of acute chemotherapy-induced nausea and vomiting in pediatric cancer patients: a focused update. *Pediatr Blood Cancer* 2017;64(10). [Epub]

#### New ACCP Fellows

- **Pamala A. Pawloski**

#### Invited Presentations

- **Alexandre Chan**: Invited by the Cancer Nurses Society of Australia to speak as an International Keynote Speaker in their Annual Congress
- **Lisa Holle**: How to integrate supportive care and pharmacy practice research into daily life. Presented at: International Society of Oncology Pharmacy Practitioners (ISOPP) XVI International Symposium on Oncology Pharmacy Practice; April 27, 2017; Budapest, Hungary; Best practices of oral chemotherapy and public health/advocacy. Presented at: International Society of Oncology Pharmacy Practitioners (ISOPP) XVI International Symposium on Oncology Pharmacy Practice; April 28, 2017; Budapest, Hungary; Oral chemotherapy management program research: review of the literature. Presented at: International Society of Oncology Pharmacy Practitioners (ISOPP) XVI International Symposium on Oncology Pharmacy Practice; April 28, 2017; Budapest, Hungary.

## Research Abstracts and Poster Presentations

- Kunvarjee B, Kussin M, **Thackray J**, Mathew S, Shukla N, Steinherz P. Evaluation of metronidazole for primary prophylaxis of neutropenic enterocolitis in pediatric patients with relapsed acute leukemia receiving clofarabine-containing regimen. Poster CT51 presented at: Annual Meeting, Hematology/Oncology Pharmacy Association; March 2017; Anaheim, CA.
- Liu D, Horiates K, Mathew S, Pozotrigo M, **Thackray J**, Kussin M, Yan SQ, Seyboth B, Modak S. Fosaprepitant use in children and adolescents at Memorial Sloan Kettering Cancer Center. Abstract poster presentation 183775 presented at: Annual Meeting, American Society for Clinical Oncology; June 2017; Chicago, IL.
- Manville N, **Thackray J**, Mathew S, Magnan H. Single center retrospective review of oral contraceptives or leuprolide acetate for the prevention of menorrhagia in post-pubertal pediatric oncology patients. Poster CT64 presented at: Annual Meeting, Hematology/Oncology Pharmacy Association; March 2017; Anaheim, CA.
- Vitolano S, Petriccione M, Gulati N, **Thackray J**, Khakoo Y. Unique case of drug-induced hemolytic anemia in a child with neurofibromatosis type I and optic pathway glioma. Poster presented at: Annual Meeting, Association of Pediatric Hematology/Oncology Nurses; August 2017; Palm Springs, CA.

## HIV PRN

### Introduction

The HIV PRN brings together almost 300 members and trainees with a dedicated interest in providing services to individuals living with HIV. HIV PRN members are encouraged to come together to share their diverse clinical practices, complex cases, and research, education, and training experiences in order to network with other members as well as seek clinical advice.

Members of the HIV PRN's Research Committee published the PRN's first official publication this spring. This useful reference is available in the May 2017 Pharmacotherapy issue for clinicians treating patients living with HIV in the hospital setting. Many thanks to Melissa Badowski, Spencer Durham, Michelle Liedtke, Patricia Pecora Fulco, and Chris Rathbun for offering their clinical expertise and leading this effort.

Please join the HIV PRN for food, drink, and networking during our business meeting at this year's ACCP Annual Meeting:

## [HIV PRN Business Meeting and Networking Forum](#)

6:30 p.m. – 8:30 p.m. (MST)

*Location: Sheraton Grand Phoenix Second Level: South Mountain Meeting Room*

### Promotions

- **Robert Macky**: Promoted from Commander to Captain
- **Sarah Michienzi**: Clinical Assistant Professor at University of Illinois College of Pharmacy
- **Mark Sawkin**: Clinical Associate Professor, University of Missouri-Kansas City

### Awards

- **Robert Macky**: Outstanding Service Medal

### Grants

- **Jessica Adams**: NIH Loan Repayment Program Funding; NIAID/NIH
- **Chris Destache**: Combined Antiretroviral Drug and CCR5 Antibody Nanoparticle for HIV-1 Prevention. LB629, State of Nebraska, 2017–2018
- **Kimberly Scarsi**: Drug Detection as a Measure of Medication Adherence over 8 Weeks of Intensive Phase Anti-tuberculosis Therapy; NIH/ NIAID Supplement

### Publications

- **Badowski M**, Mazur J, Lam SW, Miyares M, Schulz L, **Michienzi S**. Engaging in collaborative research: focus on the pharmacy practitioner. *Hosp Pharm* 2017;52:33-43.
- **Chastain DB**, Ngando IN, Bland CM, Franco-Paredes, C, Hawkins WA. Effect of the 2014 Clinical and Laboratory Standards Institute urine-specific breakpoints on cefazolin susceptibility rates at a community teaching hospital. *Ann Clin Microbiol Antimicrob* 2017;16:43.
- **Chastain DB**, Stover KR, Riche DM. Evidence-based review of statin use in patients with HIV on antiretroviral therapy. *J Clin Transl Endocrinol* 2017.
- Franco-Paredes C, **Chastain DB**, Ezigbo C, Callins KR. Reducing transmission of HIV in southeastern USA. *Lancet HIV* 2017;4:e101-e102.
- Franco-Paredes C, **Chastain DB**, Rodriguez-Morales AJ, Marcos LA. Cryptococcal meningoen- cephalitis in HIV/AIDS: when to start antiretroviral therapy? *Ann Clin Microbiol Antimicrob* 2017;16:9.
- Franco-Paredes C, **Chastain DB**, Taylor P, Stocking S, Sellers B. Boar hunting and brucellosis

caused by *Brucella suis*. *Travel Med Infect Dis* 2017;16:18-22.

- **Chappell CA**, Lamorde M, Nakalema S, Chen BA, Mackline H, Riddler SA, Cohn SE, Darin KM, Achilles SL, **Scarsi KK**. Efavirenz decreases etonogestrel exposure: a pharmacokinetic evaluation of implantable contraception with antiretroviral therapy. *AIDS* 2017 Jul 7. [Epub ahead of print]
- Neary M, Lamorde M, Olagunju A, **Darin KM**, Merry C, Byakika-Kibwika P, Back DJ, Siccardi M, Owen A, **Scarsi KK**. The effect of gene variants on levonorgestrel pharmacokinetics when combined with antiretroviral therapy containing efavirenz or nevirapine. *Clin Pharmacol Ther* 2017 Feb. [Epub ahead of print]
- Mandal S, Prathipati PK, Kang G, Zhao Y, Zhe Y, Fan W, Li Q, **Destache CJ**. Tenofovir alafenamide and elvitegravir nanoparticles for long-acting prevention of HIV-1 vaginal transmission. *AIDS* 2017;31:469-76.
- **Durham SH, Badowski ME, Liedtke MD, Rathbun RC, Pecora Fulco P**. Acute care management of the HIV-infected patient: a report from the HIV Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2017;37:611-29.
- **McLaughlin MM**, Carreno JJ, Harpe SE, Jensen AO, Lomaestro B, Esterly JS. Multicenter evaluation of IV acyclovir use prior to, during, and after a national shortage. *Infect Dis (Lond)* 2017;49:778-80.
- **McLaughlin MM**, Lin J, Nguyen R, Patel P, Fox ER. Unavailability of outpatient medications: examples and opportunities for management. *J Pharm Technol* 2017;33:83-6.
- **McLaughlin MM**, Masic I, Gerzenshtein L. Evaluation of nucleoside reverse transcriptase inhibitor dosing during continuous veno-venous hemofiltration. *Int J Clin Pharm* 2017;39:37-40.
- **McLaughlin MM**, Sutton SH, Jensen AO, Esterly JS. Use of high-dose oral valacyclovir during an intravenous acyclovir shortage: a retrospective analysis of tolerability and drug shortage management. *Infect Dis Ther* 2017;6:259-64.
- Gilbert EM, Rhodes NJ, **McLaughlin MM**, Cottreau JM, Scheetz MH, Postelnick M, Barr VO. Analysis of an infectious diseases pharmacist on call pager program to inform educational efforts. *J Pharm Technol* 2017;33:146-50.
- Gilbert EM, Yucebay F, Malczynski M, Smith D, Esterly JS, Qi C, Postelnick M, **McLaughlin MM**. Use of organism identification by 16S ribosomal

RNA polymerase chain reaction to shorten antimicrobial length of therapy. *Diagn Microbiol Infect Dis* 2017;88:163-7.

- Burgos RM, **Michienzi SM**. HIV infection. In: Schwinghammer TL, Koehler JM, Borchert JS, Slain D, eds. *Pharmacotherapy Casebook and Care Plans*, 10th ed. New York: McGraw-Hill, 2017:chap 147.
- Patel RC, Morroni C, **Scarsi KK**, Sripipatana T, Kiarie J, Cohen CR. Concomitant contraceptive implant and efavirenz use in HIV-positive women: perspectives on current evidence and policy implications for family planning and HIV treatment guidelines. *J Int AIDS Soc* 2017;20:1-6. Review.

#### New ACCP Fellows

- **Kimberly Scarsi**: Department of Pharmacy Practice; University of Nebraska Medical Center

#### Other Notable Achievements

- **Lori Gordon**: Became a Fulbright Specialist, June 2017 – May 2020; BCPS Designated with Added Qualifications in Infectious Diseases, April 2017
- **Robert Macky**: Expanded Pharmacy Clinical Services to include hyperlipidemia and viral hepatitis
- **Kimberly Scarsi**: Awarded Tenure, Department of Pharmacy Practice; University of Nebraska Medical Center, July 2017

#### Immunology/Transplantation PRN

##### Awards

- **Calvin Meaney**: 2017 Outstanding Teacher Award, University at Buffalo School of Pharmacy and Pharmaceutical Sciences

##### Grants

- **Dave Taber (PI), James Fleming**: Improving Transplant Medication Safety Through a Pharmacist-Empowered, Patient-Centered, mHealth-Based Intervention (TRANSafe Rx). AHRQ Grant, 2017 – present
- **Jennifer Trofe-Clark**: Assessments of Literacy, Cognitive Function and Medication Knowledge in Renal Transplant Recipients in the Ambulatory Care Setting. American Society of Transplantation/Transplant Immunology Research Network/Wood MacMillan Charitable Fund Allied Health Science Research Grant, July 1, 2017 – July 1, 2018

## Publications

- **Carthon CE, Hall RC, Maxwell PR, Crowther BR.** Impact of a pharmacist-led vaccine recommendation program for pediatric kidney transplant candidates. *Pediatr Transplant* 2017 Jul 4. [Epub ahead of print]
- **Casale JP, Taber DJ, Staino C,** Boyle K, **Covert K, Pilch NA,** Mardis C, **Meadows HB,** Chavin KD, McGillicuddy JW, Baliga PK, **Fleming JN.** Effectiveness of an evidence-based induction therapy protocol revision in adult kidney transplant recipients. *Pharmacotherapy* 2017;37:692-9.
- Aniemeke E, **Crowther BR,** Younts S, Hughes D, Franco-Martinez C. Clinical pharmacy discharge counseling service and the impact on readmission rates in high-risk patients. *Hosp Pharm* 2017;52:348-52.
- **Fleming JN, Taber DJ,** McElligott J, et al. mHealth in solid organ transplant: the time is now. *Am J Transplant* 2017. Accepted article.
- Spengler EK, O'Leary JG, Te HS, Rogal S, Pillai A, Al-Osaimi A, Desai A, **Fleming JN,** Ganger D, Seetharam A, Tsoulfas G, Montenovolo M, Lai JC. Liver transplantation in the obese cirrhotic patient. *Transplantation* 2017.
- **Maldonado A,** Johnson D, **Trofe-Clark J.** Barriers to vaccination in renal transplant. *Transpl Infect Dis* 2017 Jul 17. [Epub ahead of print]
- **Meaney CJ,** Beccari M, Yang Y, Zhao J. Systematic review and meta-analysis of patiomer and sodium zirconium cyclosilicate: a new armamentarium for the treatment of hyperkalemia. *Pharmacotherapy* 2017;37:401-11.
- Beccari MV, **Meaney CJ.** Clinical utility of patiomer, sodium zirconium cyclosilicate, and sodium polystyrene sulfonate for the treatment of hyperkalemia: an evidence-based review. *Core Evid* 2017;12:11-24.
- Fusco NM, Francisconi R, **Meaney CJ,** Duman D, Frederick CA, Prescott WA. Association of vancomycin trough concentration with response to treatment for acute pulmonary exacerbation of cystic fibrosis. *J Pediatr Infect Dis Soc.* [Epub ahead of print]
- Steinberg E, **Moss M,** Buchanan C, Goebel J. Adherence in pediatric kidney transplant recipients: solutions for the system. *Pediatr Nephrol* 2017. [Epub ahead of print]
- **Taber DJ, Fleming JN,** Fominaya CE, et al. The impact of health care appointment non-adherence on graft outcomes in kidney transplantation. *Am J Nephrol* 2017;45:91-8.
- **Taber DJ,** Su Z, **Fleming JN,** et al. Tacrolimus trough concentration variability and disparities in African American kidney transplantation. *Transplantation* 2017.
- **Trofe-Clark J,** Brennan DC, West-Thielke P, Milone MC, Lim MA, Neubauer R, Nigro V, Bloom RD. Results of ASERTAA, a randomized prospective crossover pharmacogenetic study of immediate-release tacrolimus versus extended-release tacrolimus in African American Kidney transplant recipients. *Am J Kidney Dis.* Accepted July 20, 2017.
- **Trofe-Clark J,** Levin LS. Letter to Editor in response to "Hand transplantation: current challenges and future prospects." *Transplant Res Risk Manag* 2017;9:39-41.
- **Trofe-Clark J,** Tong A, Gill J, Klemens B, Marson L, Reese PP, Rosenbloom D, Rostaing L, Wong G, Josephson M, Pruett TL, Warrens AN, Craig JC, Sautenet B, Evangelidis N, Ralph AF, Hanson CS, Shen JI, Howard K, Meyer K, Perrone RD, Weiner DE, Fung S, Ma MKM, Rose C, Ryan J, Chen L, Howell M, Larkins N, Kim S, Thangaraju S, Ju A, Chapman JR; on behalf of the SONG-Tx Investigators. Toward establishing core outcome domains for trials in kidney transplantation: report of the Standardized Outcomes in Nephrology – Kidney Transplantation (SONG-Tx) consensus workshops. *Transplantation* April 18, 2017.
- Goldberg DS, Abt PL, Blumberg EA, Van Deerlin VM, Levine M, Reddy KR, Bloom RD, Nazarian SM, Sawinski D, Porrett P, Naji A, Hasz R, Suplee L, **Trofe-Clark J,** Sicilia A, McCauley M, Farooqi M, Gentile C, Smith J, Reese PP. Trial of transplantation of HCV-infected kidneys into uninfected recipients. *N Engl J Med* 2017;376:2394-5.
- Higdon LE, **Trofe-Clark J,** Liu S, Margulies KB, Sahoo MK, Blumberg E, Pinsky BA, Maltzman JS. Cytomegalovirus responsive CD8+ T cells expand after solid organ transplantation in the absence of CMV disease. *Am J Transplant* 2017;17:2045-54.
- Koyawala N, Silber JH, Rosenbaum PR, Wang W, Hill AS, Reiter JG, Niknam BA, Even-Shoshan O, Bloom RD, Sawinski D, Nazarian S, **Trofe-Clark J,** Lim MA, Schold J, Reese PP. Comparing outcomes between antibody induction therapies in kidney transplantation. *J Am Soc Nephrol* 2017;28:2188-200.
- Lim MA, Palmer M, **Trofe-Clark J,** Bloom RD, Jackson A, Philogene MC, Kamoun M. Histopathologic changes in anti-angiotensin II type 1 receptor antibody-positive kidney transplant

recipients with acute rejection and no donor specific HLA antibodies. *Hum Immunol* 2017;78:350-6.

- Reese PP, Bloom RD, **Trofe-Clark J**, Mussell, A, Leidy D, Levsky S, Zhu J, Lin Y, Wang W, Troxel A, Feldmen HI, Volpp K. Automated reminders and physician notification to promote immunosuppression adherence among kidney transplant recipients: a randomized trial. *Am J Kidney Dis* 2017;69:400-9.
- Vallabhajosyula P, Korutla L, Habertheuer A, Yu M, Rostami S, Yuan CX, Reddy S, Liu C, Korutla V, Koeberlein B, **Trofe-Clark J**, Rickels MR, Naji A. Tissue-specific exosome biomarkers for noninvasively monitoring immunologic rejection of transplanted tissue. *J Clin Invest* 2017;127:1375-91.
- **Veasey TM, Fleming JN, Strout SE**, et al. Morbid obesity and functional status as predictors of surgical complication after renal transplantation. *Am J Surg* 2017.

#### Poster Presentations

- **Carthon CE, Hall RC, Maxwell PR, Crowther BR**. Impact of a pharmacist-led vaccine recommendation program for pediatric kidney transplant candidates. Presented at: American Transplant Congress; May 2017.
- O'Brien B, Mardis C, Mardis A, **Fleming J, Meadows H, Patel N, Pilch N, Perez C**, Sell M, Rogers A, Lee I, McGillicuddy J, Chavin K, Dubay D, Taber D. Readmissions after liver transplantation – they may be predictable, but are they inevitable? Presented at: American Transplant Congress 2017.
- Rogers A, Patel N, **Fleming J**, Mardis C, Mardis A, **Meadows H, Pilch N, Perez C**, Sell M, O'Brien B, Lee I, McGillicuddy J, Chavin K, Dubay D, **Taber D**. Diabetes in liver transplantation: evaluation of the management and associated clinical outcomes. Presented at: American Transplant Congress 2017.
- **Fleming JN**, Chavin KD, Jonassaint N, Satoskar R, Dubay D. LIVE-C free: early and late treatment of HCV with sofosbuvir/ledipasvir in liver transplant: interim results. Presented at: International Liver Transplantation Society 2017.
- **Fleming JN**, Lai JC, Te H, Said A, Spengler EK, Rogal SS. Opioid and opioid substitution therapy in liver transplant candidates: a survey of center policies and practices. Presented at: American Transplant Congress 2017.
- **Lyons J**, Ranch D, **Hall R, Maxwell P**, Hitchman K, Hirase Y, **Crowther B**. Impact of six-month surveillance biopsies and monitoring in pediatric renal transplant recipients. Presented at: American Transplant Congress; May 2017.

- **Meaney CJ**, Gaesser J, Robinson B, Krzyzanski W, Panesar M, Rao GG. Systematic review of erythropoiesis-stimulating agent dosing algorithms in hemodialysis patients. To be presented at: American College of Clinical Pharmacy 2017 Annual Meeting; October 7, 2017; Phoenix AZ.
- **Meaney CJ**, Karas S, Robinson B, Gaesser JL, Forrest A, Krzyzanski W, Panesar M, Rao GG. Definition and validation of a novel metric to assess erythropoiesis stimulating agent response in hemodialysis patients. To be presented at: American Society of Nephrology, Kidney Week 2017; November 4, 2017; New Orleans, LA.
- Curtis D, Evers K, Feldman A, **Moss M**, Pollan K, Sundaram S, Vinson L. Immunizing the pediatric liver transplant candidate. Presented at: UNOS Transplant Management Forum; April 2017; Orlando, FL.
- **Perez C, Fleming JN**, Mardis C, Mardis A, **Patel N, Meadows H, Pilch N**, Chavin K, Dubay D, **Taber DJ**. This is why we can't have nice things – real-world experience with everolimus in livers. Presented at: American Transplant Congress 2017.
- **Perez C, Fleming JN**, Mardis C, Mardis A, Patel N, **Meadows H, Pilch N**, Chavin K, Dubay D, Vinayak R, **Taber DJ**. Evaluation of renal function after a transition to everolimus or mycophenolate mofetil in liver transplant recipients. Presented at: American Transplant Congress 2017.

#### Oral Presentations

- **Fleming J**. Pharmacology of opioids: drug interactions and screening methods. Presented at: American Transplant Congress (ATC); May 2017; Chicago, IL.
- **Fleming JN, Perez C, Sobhanian M, Taber DJ**, Chedister G, Axelrod DA, Chavin KD. Share35: increasing biliary complications and healthcare resources? Presented at: American Transplant Congress 2017.
- **Fleming JN, Taber DJ, Pilch NA**, Gilbert RE, Wilson LZ, Mardis CR, Patel N, Baliga PK. Pre-transplant opioid use is significantly associated with graft loss or death in liver transplants with MELD exceptions. Presented at: Southern Surgical Association Annual Meeting 2017.
- Bock M, **Moss M**, Matossian D, Goebel J, Bobrowski A. Leflunomide immune therapy for the treatment of BK viremia and prevention of BK nephropathy in pediatric and young adult kidney

transplant recipients. Presented at: Congress of the International Pediatric Transplant Association (IPTA); May 2017; Barcelona, Spain.

- Pollard J, Patterson B, Goebel D, **Moss M**, Dovel D, Vinson L, Wachs M, Sundaram S. Improving family satisfaction and readmission rates in pediatric liver transplant patients: a multidisciplinary team approach to discharge. Presented at: Congress of the International Pediatric Transplant Association (IPTA); May 2017; Barcelona, Spain.
- Rounds A, **Moss M**, Bock, M, Goebel J. Longitudinal study of donor-specific antibodies in a pediatric kidney transplant population; response to optimization of anti-proliferative therapy. American Transplant Congress (ATC); May 2017; Chicago, IL.
- **Trofe-Clark J**. Identification and management of high pharmacologic risk recipient candidates. Sunrise Didactic Session: Optimizing pharmacologic risk assessment of transplant recipients and living donors. Presented at: American Transplant Congress (ATC); May 2017; Chicago, IL.

#### Other Notable Achievements

- **Jennifer Trofe-Clark**: Serving as invited member of the American Transplant Congress Planning Committee

## Infectious Diseases PRN

### Introduction

The Infectious Diseases PRN (ID PRN) is one of the largest PRNs, with just more than 2200 members, over one-third of whom are fellows, residents, and students. The ID PRN has six active committees: Programming, Nominations, Awards, and Publications, Social Media, and Research, the last two of which were added this year.

The Programming Committee worked diligently to develop a 90-minute ID PRN focus session for the ACCP Annual Meeting in Phoenix. ID PRN members Jarod Nagel, Jason Pogue, and Marc Sheetz will present topics for the session titled "Antimicrobial Dosing Dilemmas." The Nominations and Awards committees reviewed the incoming ID PRN officers and award nominees.

We would like to congratulate the incoming officers: Elias Chahine (chair), Olga DeTorres (chair-elect), and Ashley Marx (secretary/treasurer). We look forward to announcing the award winners at the upcoming ACCP Annual Meeting. The Publications Committee continues to have great engagement from all of its committee members on the next publication of the ID PRN newsletter, which is expected to be released this August.

- The Social Media Committee has had a very successful first year. The committee has worked to continually increase the ID PRN Twitter presence (@accpindprn, #IDPRN) to over 1500 followers and provide educational opportunities through which PRN members share ideas. A Twitter chat on mentorship and research was held recently in conjunction with SIDP, with another chat planned for September with SIDP and the American Society of Consultant Pharmacists regarding antimicrobial stewardship in the long-term care setting. In addition, the Social Media committee has created an ID PRN Facebook page (<https://www.facebook.com/ACCP-Infectious-Diseases-PRN-581204852070088/>) with almost 1500 followers where member accomplishments and breaking news/manuscripts are shared. The Research Committee has begun to discuss strategies for fostering research interest and opportunities for ID PRN members.

### Promotions

- **Diana Andrade**: ASP Clinical Coordinator, Memorial Hospital West
- **Tiffany E. Bias**: Residency Director, PGY2 Infectious Diseases Residency Program, Hahnemann University Hospital
- **Khalid Eljaaly**: Assistant Professor, King Abdulaziz University, Saudi Arabia
- **Whitney Jones**: Residency Director, PGY2 Infectious Diseases Residency Program, Vanderbilt University Medical Center
- **Wesley Kufel**: Completion of PGY2 Infectious Diseases Residency at University of North Carolina Medical Center
- **Ann Lloyd**: Clinical Assistant Professor to Clinical Associate Professor, University of Oklahoma College of Pharmacy/Saint Francis Hospital
- **Monica Mahoney**: Lecturer, Northeastern University Bouvé College of Health Sciences School of Pharmacy
- **Trang Trinh**: Assistant Professor of Clinical Pharmacy at the University of California San Francisco of Pharmacy
- **Evan Zasowski**: Assistant Professor at the University of Houston College of Pharmacy

## Awards

- **Rasha Abdelsalam:** Best Educators for Antimicrobial Stewardship Program
- **Tiffany E. Bias:** Hospital & Health-System Association of Pennsylvania (HAP) 2017 In Safe Hands Achievement Award
- **Elias Chahine:** Florida Society of Health-System Pharmacists Residency Preceptor of the Year
- **Monica Donnelley:** Preceptor of the Year, UC Davis Residency Program Class of 2016–2017
- **Khalid Eljaaly:** Jonathan Freeman scholarship from Society of Healthcare Epidemiology of America
- **Lana Gettman:** Assistant to Associate Professor, Harding University College of Pharmacy
- **Julie Ann Justo:** University of South Carolina Clinical Practice Teaching Award and APPE Preceptor of the Year, Midlands Region for Acute/General Medicine
- **Roger Lander:** Award for Sustained Contribution to Clinical Pharmacy in Asia, Asia Conference of Clinical Pharmacy during the 20th Annual Meeting in August 2017
- **Colleen Terriff:** Employee of the Month, Deaconess Hospital
- **Trang Trinh:** ECCMID Young Scientist Travel Grant and IDWeek Trainee Grant
- **Jamie Wagner:** AACP Innovations in CPE Award and the Mississippi Society of Health-System Pharmacists Outstanding Young Health-Systems Pharmacist of the Year Award
- **Evan Zasowski:** IDWeek Trainee Grant

## Grants

- **Allison Bell, Katie Barber, Kayla Stover, Jamie Wagner (PI):** MAD-ID Antimicrobial Stewardship Research Grant for: Strategies to Optimize *Clostridium difficile* Classification and Treatment
- **Scott Bergman and Phil Chung:** Merck Research Grant for: Training Consultant Pharmacists to Promote Antimicrobial Stewardship in Long-term Care Facilities: A Quasi-Experimental Study
- **Elias Chahine:** Palm Beach Atlantic University Quality Initiative Grant for: Assessing Knowledge and Attitudes of Long-term Care Residents Regarding Antibiotics and Vaccines Before and After Pharmacy Student-Led Interventions
- **Elizabeth Hirsch and Tiffany E. Bias:** Merck Co. Investigator-Initiated Research Grant for: Assess

Patient Outcomes Following Treatment with Ceftolozane/Tazobactam to Develop Treatment Pathways for Gram-negative Pathogens

- **Warren Rose:** NIH grant for: Mechanisms and Use of Penicillin-Binding Protein Inhibition to Optimize Cationic Peptide Anti-MRSA Treatment

## Publications (limited to 3)

- **Barber KE, Tirmizi A, Finley R, Stover KR.** Dalbavancin use for the treatment of methicillin-resistant *Staphylococcus aureus* pneumonia. *J Pharmacol Pharmacother* 2017;8:77-9.
- **Bell AM, King ST, Barber KE, Adcock KG, Wagner JL, Stover KR.** Managing acute bacterial skin and skin structure infections: focus on new lipoglycopeptides. *Nurse Pract* 2017;42:1-6.
- **Bias T, Vincent W III, Trustman N, Berkowitz L, Venugopalan V.** Impact of a pharmacy-driven intervention to reduce time to initiation of empiric antibiotic therapy in bacteremic patients. *Am J Health Syst Pharm* 2017;74:511-9.
- **Bias TE, Malat GE, Lee DH, Sharma A, Doyle AM.** Clinical outcomes associated with carbapenem-resistant *Klebsiella pneumoniae* (CRKP) in abdominal solid organ transplant (SOT) recipients. *Infect Dis (Lond)* 2017:1-4.
- Boyle SM, Malat GE, Harhay MN, Lee DH, Pang L, **Bias TE, Ranganna K, Sharma A, Doyle AM.** Association of tenofovir disoproxil fumarate with primary allograft survival in HIV-infected kidney transplant recipients. *Transpl Infect Dis* 2017 Aug;19(4).
- Chen A, Smith K, Whitfield B, Zucchi PC, Lasco TM, **Bias TE, Kirby JE, Hirsch EB.** Activity of minocycline against *Klebsiella pneumoniae* carbapenemase-producing clinical isolates, with comparison to doxycycline and tigecycline. *Diagn Microbiol Infect Dis* 2017;88:365-7.
- **Bookstaver PB, Nimmich EB, Smith TJ III, Justo J, Kohn J, Hammer KL, Troficanto C, Albrecht HA, Al-Hasan MN.** Cumulative effect of an antimicrobial stewardship and rapid diagnostic testing bundle on early streamlining of antimicrobial therapy in gram-negative bloodstream infections. *Antimicrob Agents Chemother* 2017 Jun 19. [Epub ahead of print]
- Nimmich EB, **Bookstaver PB, Kohn J, Justo J, Hammer KL, Albrecht H, Al-Hasan MN.** Development of institutional guidelines for management of gram-negative bloodstream infections: incorporating local evidence. *Hosp Pharm* 2017 Jul 21. [Epub ahead of print]

- **Brown ML**, Hutchison AM, McAtee AM, Gaillard PR, Childress DT. Allometric versus consensus guideline dosing in achieving target vancomycin trough concentrations. *Am J Health Syst Pharm* 2017;74:1067-75.
- **Butterfield-Cowper JM**, Burgner K. Effects of i.v. push administration on beta-lactam pharmacodynamics. *Am J Health Syst Pharm* 2017;74:e170-5.
- **Chahine EB, Sucher AJ**, Hemstreet BA. Sofosbuvir/velpatasvir: the first pan-genotypic direct-acting antiviral combination for hepatitis C. *Ann Pharmacother* 2017;51:44-53.
- **Chastain DB**, Ngando IN, **Bland CM**, Franco-Paredes C, Hawkins WA. Effect of the 2014 Clinical and Laboratory Standards Institute urine-specific breakpoints on cefazolin susceptibility rates at a community teaching hospital. *Ann Clin Microbiol Antimicrob* 2017;16:43.
- **Chastain DB, Stover KR**, Riche DM. Evidence-based review of statin use in patients with HIV on antiretroviral therapy. *J Clin Trans Endocrinol* 2017 Feb 22. [Online ahead of print]
- Franco-Paredes C, **Chastain DB**, Ezigbo C, Callins KR. Reducing transmission of HIV in southeastern USA. *Lancet HIV* 2017;4:e101-2.
- Franco-Paredes C, **Chastain DB**, Rodriguez-Morales AJ, Marcos LA. Cryptococcal meningoen- cephalitis in HIV/AIDS: when to start antiretroviral therapy? *Ann Clin Microbiol Antimicrob* 2017;16:9.
- Franco-Paredes C, **Chastain DB**, Taylor P, Stocking S, Sellers B. Boar hunting and brucellosis caused by *Brucella suis*. *Travel Med Infect Dis* 2017;16:18-22.
- Ased S, Rayes H, Dhimi J, Amosson N, Fordjour A, Macaraen J, Vivekanandan R, Wilson J, Cabri A, Davids M, Anthone J, Cavaleri SA, **Destache CJ**. Evaluation of *Staphylococcus aureus* bacteremia: academic and community-based management within a health system. *Infect Control Hosp Epidemiol* 2017 Mar 15. <https://doi.org/10.1017/ice.2017.30>.
- **Dietrich T**, Aker K, Pfiefer C, **Bergman SJ**. Antifungal dosing strategies for critically ill patients. *Curr Fungal Infect Rep* 2017;11:5-15.
- **Dionne B**, Dehority W, Brett M, Howdieshell TR. The asplenic patient: post-insult immunocompetence, infection, and vaccination. *Surg Infect (Larchmt)* 2017;18:536-44.
- **Eljaaly K**, Alshehri S. An updated review of interactions of statins with antibacterial and antifungal agents. *JTS* 2017;3:1-4.
- **Eljaaly K**, Alshehri S, Aljabri A, Abraham I, Al Mohajer M, Kalil AC, **Nix DE**. Empiric atypical versus non-atypical bacteria coverage in hospital- ized patients with community-acquired pneumonia: a systematic review and meta-analysis. *BMC ID* 2017;17:385.
- **Fleming JN, Perez C, Sobhanian M, Taber DJ**, Chedister G, Axelrod DA, Chavin KD. Share35: increasing biliary complications and healthcare resources? American Transplant Congress 2017.
- **Foster RA, Kuper K**, Lu ZK, **Bookstaver PB, Bland CM, Mahoney MV**. Pharmacists' familiarity with and institutional utilization of rapid diagnostic technologies for antimicrobial stewardship. *Infect Control Hosp Epidemiol* 2017.
- **Frei CR**, Rehani S, Lee GC, Boyd NK, Attia E, Pechal A, Britt RS, Mortensen EM. Application of a risk score to identify older adults with commu- nity-onset pneumonia most likely to benefit from empiric *Pseudomonas* therapy. *Pharmacotherapy* 2017;37:195-203.
- **Gilbert EM, Rhodes NJ, McLaughlin MM, Cottreau JM, Scheetz MH, Postelnick M, Barr VO**. Analysis of an infectious diseases pharmacist on call pager program to inform educational efforts. *J Pharm Technol* 2017;33:146-50.
- **Gilbert EM**, Yucebay F, Malczynski M, Smith D, Esterly JS, Qi C, **Postelnick M, McLaughlin MM**. Use of organism identification by 16S ribosomal RNA polymerase chain reaction to shorten antimi- crobial length of therapy. *Diagn Microbiol Infect Dis* 2017;88:163-7.
- **Gross AE**, Johannes RS, Gupta V, Tabak YP, Srinivasan A, Bleasdale SC. The effect of a piperacillin/tazobactam shortage on antimicrobial prescribing and *Clostridium difficile* risk in 88 U.S. medical centers. *Clin Infect Dis* 2017 Apr 24. [Epub ahead of print]
- **Han Z**, Pettit NN, Landon E, Brielmaier BD. Impact of pharmacy practice model expansion on phar- macokinetic services: optimization of vancomycin dosing and improved patient safety. *Hosp Pharm* 2017;52:273-9.
- Buehrle K, Pisano J, **Han Z**, Pettit NN. Guideline compliance and clinical outcomes among patients with *Staphylococcus aureus* bacteremia with infectious diseases consultation in addition to antimicrobial stewardship-directed review. *Am J Infect Control* 2017;45:713-6.
- Pettit NN, Miceli M, Rivera C, Narayanan P, Perissinotti A, Hsu M, delaCruz J, Gedrimaite Z, **Han Z**, Steinbeck J, Pisano J, Seo S, Paskovaty A.



- Multicenter study of posaconazole delayed-release tablet serum level and association with hepatotoxicity and QTc prolongation. *J Antimicrob Chemother* 2017. [Epub ahead of print]
- King M, **Heil E**, Kuriakose S, Bias T, Huang V, El-Beyrouy C, McCoy D, Hiles J, Richards L, Gardner J, Harrington N, Biason K, **Gallagher J**. Outcomes with ceftazidime/avibactam in patients with carbapenem-resistant Enterobacteriaceae (CRE) infections: a multi-center study. *Antimicrob Agents Chemother* 2017;61(7).
  - Shea KM, **Hobbs ALV**, Jaso TC, et al. Effect of a health care system respiratory fluoroquinolone restriction program to alter utilization and impact rates of *Clostridium difficile* infection. *Antimicrob Agents Chemother* 2017;61:e00125-17.
  - Augustine MR, Testerman TL, **Justo J, Bookstaver PB, Kohn J**, Albrecht H, Al-Hasan MN. Clinical risk score for prediction of extended-spectrum beta-lactamase-producing Enterobacteriaceae in bloodstream isolates. *Infect Control Hosp Epidemiol* 2017;38:266-72.
  - Nelson A, **Justo J, Bookstaver PB, Kohn J**, Albrecht H, Al-Hasan MA. Optimal duration of antimicrobial therapy for uncomplicated gram-negative bloodstream infections. *Infection*. 2017 May 6. [Epub ahead of print]
  - Shah A, **Justo J, Bookstaver PB, Kohn J**, Albrecht H, Al-Hasan MN. Application of fluoroquinolone resistance score in management of complicated urinary tract infections. *Antimicrob Agents Chemother* 2017;61:e02313-6.
  - **King ST**. Bacterial meningitis. In: Schwinghammer TL, Koehler JM, Borchert JS, Slain D, Park SK, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 10th ed. New York: McGraw-Hill, 2017:chap 118.
  - **King ST, Barber KE**, Parham JJ, **Stover KR**. Shifts in antimicrobial consumption and infection rates before and during a piperacillin-tazobactam shortage. *J Glob Antimicrob Resist* 2017 Jul 31. [Epub ahead of print]
  - **King ST, Nolan RL**. Blastomycosis. In: Jameson JL, Fauci AS, Kasper DL, Hauser SL, Longo DL, Loscalzo J, eds. *Harrison's Principles of Internal Medicine*, 20th ed. New York: McGraw-Hill, 2017:chap 238.
  - Cretella DA, **King ST**, Parham JJ, **Stover KR**. Change in meropenem utilization following the implementation of a targeted antimicrobial stewardship audit and feedback program. *J Miss State Med Assoc* 2016. In press.
  - Goza M, Kulwicki B, Akers JA, **Klepser M**. Syphilis screening: a review of the syphilis health check rapid immunochromatographic test. *J Pharm Technol* 2017;33:53-9.
  - **Klepser ME**, Dobson EL, **Pogue JM**, Labreche MJ, Adams AJ, **Gauthier TP, Turner RB**, Su CP, Jacobs DM, Suda KJ; SIDP Community Pharmacy Antimicrobial Stewardship Task Force. A call to action for outpatient antibiotic stewardship. *JAPhA* 2017;57:457-63.
  - Bacci JL, Klepser DG, **Klepser ME**. Community pharmacy-based point-of-care testing: a case study of pharmacist-physician collaborative working relationships. *Res Soc Admin Pharm*.
  - Corn CE, Klepser DG, Dering-Anderson A, Brown TG, **Klepser ME**, Smith JK. Observation of a pharmacist-conducted group A streptococcal pharyngitis point-of-care test: a time and motion study. *J Pharm Pract* 2017.
  - Dobson EL, **Klepser ME, Pogue JM**, Labreche MJ, Adams AJ, **Gauthier TP, Turner RB**, Su CP, Jacobs DM, Suda KJ; SIDP Community Pharmacy Antimicrobial Stewardship Task Force. Outpatient antibiotic stewardship: interventions and opportunities. *JAPhA* 2017;57:464-73.
  - Klepser DG, **Klepser ME**, Smith JK, Dering-Anderson AM, Nelson M, Pohren LE. Utilization of influenza and streptococcal pharyngitis point-of-care testing in the community pharmacy practice setting. *Res Social Adm Pharm* 2017.
  - Koski R, **Klepser ME**. Rapid influenza diagnostic tests for the community pharmacy setting. *JAPhA* 2017;57:13-9.
  - **Kufel WD**, Devanathan AS, **Marx AH**, Weber DJ, Daniels LM. Bezlotoxumab: a novel agent for the prevention of recurrent *Clostridium difficile* infection. *Pharmacotherapy* 2017 Jul. [Epub ahead of print]
  - **Kufel WD**, Seabury RW, Meola GM, Darko W, Probst LA, Miller CD. Impact of premix antimicrobial preparation and time to administration in septic patients. *CJEM* 2017 Jun. [Epub ahead of print]
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  - Smith EA, Gold HS, **Mahoney MV, Hirsch EB, Giancola SE**, Snyder GM, Marks G, Tran H,

- Hirai-Yang A, **McCoy C**. Nasal MRSA screening in patients with pneumonia – a powerful antimicrobial stewardship tool. *Am J Infect Control*. Accepted for publication.
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  - **McLaughlin MM**, Lin J, Nguyen R, Patel P, Fox ER. Unavailability of outpatient medications: examples and opportunities for management. *J Pharm Technol* 2017;33:83-6.
  - **McLaughlin MM**, Masic I, Gerzenshtein L. Evaluation of nucleoside reverse transcriptase inhibitor dosing during continuous veno-venous hemofiltration. *Int J Clin Pharm* 2017;39:37-40.
  - **McLaughlin MM**, Sutton SH, Jensen AO, Esterly JS. Use of high-dose oral valacyclovir during an intravenous acyclovir shortage: a retrospective analysis of tolerability and drug shortage management. *Infect Dis Ther* 2017;6:259-64.
  - Anderson A, **McManus D**, Perreault S, Lo YC, Seropian S, Topal JE. Combination liposomal amphotericin B, posaconazole and oral amphotericin B for treatment of gastrointestinal Mucorales in an immunocompromised patient. *Med Mycol Case Rep* 2017;17:11-3.
  - Britt RS, Evoy KE, Lee GC, **Reveles KR**, Sorensen KM, Jones X, Bollinger M, **Frei CR**. Early use of ceftaroline fosamil in the United States Veterans Health Care System. *Drugs* 2017.
  - Sakoulas G, **Rose W**, Berti A, Olson J, Mungia J, Nonejuie P, Sakoulas E, **Rybak MJ**, Pogliano J, Nizet V. Classical beta-lactamase inhibitors potentiate the activity of peptide antibiotics daptomycin against methicillin-resistant *Staphylococcus aureus* and colistin against *Acinetobacter baumannii*. *Antimicrob Agents Chemother* 2017;61(2).
  - **Rose WE**, Shukla SK, Berti AD, Hayney MS, Henriquez KM, Ranzoni A, Cooper MA, Proctor RA, Nizet V, Sakoulas G. Increased endovascular *Staphylococcus aureus* inoculum is the link between elevated serum IL-10 concentrations and mortality in patients with bacteremia. *Clin Infect Dis* 2017;64:1406-12.
  - Guerra AD, **Rose WE**, Hematti P, Kao WJ. Minocycline enhances the mesenchymal stromal/stem cell pro-healing phenotype in triple antimicrobial-loaded hydrogels for inoculated cutaneous wound healing. *Acta Biomater* 2017;51:184-96.
  - Guerra AD, **Rose WE**, Hematti P, Kao WJ. Minocycline modulates NF- $\kappa$ B phosphorylation and enhances antimicrobial activity against *Staphylococcus aureus* in mesenchymal stromal/stem cells. *Stem Cell Res Ther* 2017;21:171.
  - Liebenstein TL, Schulz LT, Viesselmann C, Bingen E, Musuuza J, Safdar N, **Rose WE**. Effectiveness of tigecycline compared to a matched treatment cohort in abdominal transplant patients with polymicrobial intra-abdominal infections. *Pharmacotherapy* 2017;37:151-8.
  - **Staicu ML**, Plakosh M, Ramsey A. Prospective evaluation of electronic medical record penicillin allergy documentation at a tertiary community teaching hospital. *Ann Allergy Asthma Immunol* 2017;119:94-5.
  - **Staicu ML**, Soni D, Ramsey A. A survey of inpatient practitioner knowledge of penicillin allergy at 2 community teaching hospitals. *Ann Allergy Asthma Immunol* 2017;119:42-7.
  - **Terriff CM**, McKeirnan K. Training student pharmacists to administer emergency pediatric influenza vaccine: a comparison of traditional vs. just-in-time training. *Curr Pharm Teach Learn* 2017;9:560-7.
  - Caffrey AR, **Timbrook TT**, Noh E, et al. Evidence to support continuation of statin therapy in patients with *Staphylococcus aureus* bacteremia. *Antimicrob Agents Chemother* 2017;61:e02228-16.
  - Parente DM, **Timbrook TT**, Caffrey AR, **LaPlante KL**. Inappropriate prescribing in outpatient health-care: an evaluation of respiratory infection visits among veterans in teaching versus non-teaching primary care clinics. *Antimicrob Resist Infect Control* 2017;6(1).
  - **Turner RB**, Lalikian K, Fry M, Schwartz J, Chan D, Won R. Impact of rapid identification of *Staphylococcus aureus* bloodstream infection without antimicrobial stewardship intervention on antibiotic optimization and clinical outcomes. *Diagn Microbiol Infect Dis* 2017. [Epub ahead of print]
  - Lalikian K, Parsiani R, Won R, Chang E, **Turner RB**. Ceftaroline for the treatment of osteomyelitis caused by methicillin-resistant *Staphylococcus aureus*: a case series. *J Chemother* 2017. [Epub ahead of print]
  - **Viswesh V**, Hincapie A, Yu M, Khatchatourian L, Nowak M. Development of a bedside

scoring system for predicting a first recurrence of *Clostridium difficile*-associated diarrhea. *Am J Health Syst Pharm* 2017;74:474-82.

- **Viswesh V.** Hospital-acquired pneumonia and ventilator-associated pneumonia. *PharmacyLibrary's Pharmacotherapy First: a multimedia learning resource*. Washington, DC: American Pharmacists Association (APhA), 2017.
- **White BP, Barber KE, Stover KR.** Evidence for ceftaroline fosamil for *Staphylococcus aureus* bacteremia. *Am J Health Syst Pharm* 2017;74:201-8.
- **White BP, Stover KR, Barber KE, Galloway RC, Sullivan DC, King ST.** Mechanisms of Fosfomycin Resistance in Carbapenem-Resistant *Enterobacter* spp. *Int J Antimicrob Agents*. 2017 Jul 5. [Epub ahead of print]
- **Zasowski EJ, Trinh TD, Claeys KC, Casapao AM, Sabagha N, Lagnf AM, Klinker KP, Davis SL, Rybak MJ.** Multicenter observational study of ceftaroline fosamil for methicillin-resistant *Staphylococcus aureus* bloodstream infections. *Antimicrob Agents Chemother* 2017;61(2).
- Alrabaa S, Jariwala R, **Zeitler K**, Montero J. Fecal microbiota transplantation outcomes in immunocompetent and immunocompromised patients: a single-center experience. *Transpl Infect* 2017;e12726.

#### New ACCP Fellows

- Scott Bergman
- Kalen Manasco
- Michelle Martin
- Kayla Stover

#### Other Notable Achievements

- **Rasha Abdelsalam:** BCPS-AQ ID certification, SIDP Antimicrobial Stewardship Certificate training
- **Khalid Eljaaly:** Infectious Disease/Antimicrobial Stewardship Fellowship Program and M.S. in Clinical Translational Sciences Program graduate
- **Travis King:** BCPS-AQ ID certification
- **Monica Mahoney:** SIDP Antimicrobial Stewardship Certificate training and service as an expert ID commentator for an Healthcare Research & Analytics webinar on Ebola infection
- **Dayna McManus:** BCPS-AQ ID certification
- **Trang Trinh:** AAHIVP certification
- **R. Brigg Turner:** BCPS-AQ ID certification
- **Tracy Zembles:** BCPS-AQ ID certification

## Nephrology PRN

### Introduction

The Nephrology PRN has several new members who are already contributing to the PRN through various committees. All the committees have worked hard this year to increase membership, improve communication, develop excellent programming, and encourage research in the PRN. We look forward to seeing everyone in Phoenix!

### Promotions

- **Michelle Fravel:** Clinical Associate Professor
- **Ifeanyi Onor:** Clinical Associate Professor

### Awards

- **Calvin Meaney:** 2017 Outstanding Teacher Award, University at Buffalo School of Pharmacy and Pharmaceutical Sciences

### Grants

- **Joanna Hudson and Benjamin Duhart:** ASHP Foundations Grant for: Clinical Pharmacy Interventions to Improve Transitions of Care and Reduce Hospital Readmissions in End-Stage Renal Disease Patients with Heart Failure and Infection

### Publications

- **Cardone KE.** Chronic kidney disease medication therapy management data set. In: Angaran DM, Whalen K, eds. *Medication Therapy Management: A Comprehensive Approach*, 2nd ed. New York: McGraw-Hill, 2017:chap 16.
- Parker W, Donato K, **Cardone KE**, Cerulli J. Experiential education builds student self-confidence in delivering medication therapy management. *Pharmacy* 2017;5:39.
- Parker WM, Ferreira K, Vernon L, **Cardone KE.** The delicate balance of keeping it all together: using social capital to manage multiple medications for patients on dialysis. *Res Soc Adm Pharm* 2017;13:738-45.
- Schwinghammer TL, Crannage AJ, Boyce EG, Bradley B, Christensen A, Dunnenberger HM, **Fravel M**, Gurgle H, Hammond DA, Kwon J, Slain D, Wargo KA. The 2016 ACCP Pharmacotherapy Didactic Curriculum Toolkit. *Pharmacotherapy* 2016;36:e189-e194.
- **Meaney CJ**, Beccari M, Yang Y, Zhao J. Systematic review and meta-analysis of patiromer and sodium zirconium cyclosilicate: a new armamentarium for the treatment of hyperkalemia. *Pharmacotherapy* 2017;37:401-11.

- Beccari MV, **Meaney CJ**. Clinical utility of patiromer, sodium zirconium cyclosilicate, and sodium polystyrene sulfonate for the treatment of hyperkalemia: an evidence-based review. *Core Evid* 2017;12:11-24.
- Fusco NM, Francisconi R, **Meaney CJ**, Duman D, Frederick CA, Prescott WA. Association of vancomycin trough concentration with response to treatment for acute pulmonary exacerbation of cystic fibrosis. *J Pediatr Infect Dis Soc* 2017;6:e103-8.
- **St. Peter WL**, Wazny L, Weinhandl E, **Cardone K**, Hudson J. Phosphate binders in CKD: incremental progress or just higher costs? *Drugs* 2017;77:1155-86.
- Skiermont KF, **St. Peter WL**. Drug therapy problems identified by pharmacists through comprehensive medication management following hospital discharge. *J Pharm Technol* 2017;33:96-107.
- Westberg SM, Derr SK, Weinhandl ED, Adam TJ, Brummel AR, Lahti J, Reidt SL, Sick BT, Shafi T, Sozio SM, Luly J, Bandeen-Roche KJ, **St. Peter WL**, Ephraim PL, McDermott A, Herzog CA, Crews DC, Scialla JJ, Tangri N, Miskulin DC, Michels WM, Jaar BG, Zager PG, Meyer KB, Wu AW, Boulware LE. Antihypertensive medications and risk of death and hospitalizations in US hemodialysis patients: evidence from a cohort study to inform hypertension treatment practices. *Medicine* 2016;96:5(e5924).

#### New ACCP Fellows

- Katie E. Cardone

#### Other Notable Achievements

- **Joanna Hudson**: Elected as Secretary of the ACCP Board of Regents (starting October 2017)
- **Ifeanyi Onor**: Appointed as a Fellow of the National Kidney Foundation
- **Wendy St. Peter**: Appointed to Scientific Advisory Board of the National Kidney Foundation, invited to serve on the Centers for Medicare and Medicaid Services Technical Expert Panel on Medication Reconciliation and appointed to Editorial Board of the *American Journal of Kidney Diseases*

## Pain and Palliative Care PRN

#### Grants

- **Michael Smith**: For: 2017–2018 Physician-Pharmacist Collaborative to Enhance Safe Opioid and Buprenorphine Prescribing. From Blue Cross Blue Shield of Michigan Foundation. \$75,000 total

direct costs, 10% effort. Co-I. For: 2017–2018 “Exploring the Pharmacogenomics of Methadone Rotation in Palliative Care Patients” from Michigan Institute for Clinical and Health Research, University of Michigan. \$5000 total direct costs, 10% effort. PI

#### Publications

- Adesoye AA, **Duncan NA**. Acute pain management in patients with opioid tolerance. *US Pharm* 2017;42:28-32.
- **Fudin J**, Atkinson TJ, Raouf M, Schatman ME. Can we not work together to help family practitioners become more effective pain managers? *J Pain Res* 2016;9:803-6.
- **Fudin J**, Bettinger JJ, Wegrzyn EL. Treatment of neuropathic pain. In: Central Nervous Health-Systems ed. *Pharmacy Times* 2017. March 1(2). Online edition at [www.pharmacytimes.com/publications/health-system-edition/2017/March2017](http://www.pharmacytimes.com/publications/health-system-edition/2017/March2017).
- **Fudin J**, Pham TC, Cleary J. Abuse-deterrent formulations: clinical applications and utility in chronic pain. *PowerPak CE*. December 2016. Online at [www.powerpak.com/course/content/113829](http://www.powerpak.com/course/content/113829).
- **Fudin J**, Wegrzyn EL. Clinical Challenge for Opioid Medications: Dosages, Adverse Events, and Patient Education. Available at [http://paindr.com/wp-content/uploads/2017/05/Opioid-Medications-DAEPE-CE-Monograph\\_APhA\\_12-2016.pdf](http://paindr.com/wp-content/uploads/2017/05/Opioid-Medications-DAEPE-CE-Monograph_APhA_12-2016.pdf).
- **Fudin J**, Wegrzyn E, Raouf M, Schatman M. Pain as a 5th vital sign policy brief. Issue 8. January 2017.
- **Fudin J**, Wegrzyn EL, Raouf M, Schatman M. An important view on pain as the 5th vital sign. *PAINS Project Educational Brief*. January 2017. In press.
- Bettinger JJ, Wegrzyn EL, **Fudin J**. Pain management in the elderly: focus on safe prescribing. *Pract Pain Manage* 2017;17:32-8.
- Ciccone TG, **Fudin J**, Wegrzyn EL, Kwon S. Commentary on the ICER psoriasis drug cost report. January 2017. In press. Also available at <https://www.practicalpainmanagement.com/resources/news-and-research/commentary-icer-psoriasis-drug-cost-report?page=0,1>.
- Cleary J, Brennan M, **Fudin J**. Opioid rotation from Opana ER following FDA call for removal. *Pract Pain Manage* 2017(17).
- Elzey MJ, **Fudin J**, Edwards ES. Take-home naloxone treatment for opioid emergencies: a

comparison of routes of administration and associated delivery systems. *Expert Opin Drug Deliv* 2017;14:1045-58.

- Gudin J, **Fudin J**. Opioid-induced constipation: new and emerging therapies – update 2016. *Pract Pain Manage* 2016;16:56-63.
- Mahatme S, Atkinson TJ, Spallone A, **Fudin J**. The preliminary impact of pain management integration into an HIV specialty clinic. *Sci Pages Anesth Pain Manage* 2017;1:7-12.
- Mathew RO, Bettinger JJ, Wegrzyn EL, **Fudin J**. Pharmacotherapeutic considerations for chronic pain in chronic kidney and end-stage renal disease. *J Pain Res* 2016;12:1191-5.
- Raouf M, Atkinson TJ, Crumb MW, **Fudin J**. Rational dosing of gabapentin and pregabalin in chronic kidney disease. *J Pain Res* 2017;1:275-7.
- Raouf M, Glogowski AJ, Bettinger JJ, **Fudin J**. Serotonin-norepinephrine reuptake inhibitors and the influence of binding affinity (Ki) on analgesia. *J Clin Pharm Ther* 2017 May 15.
- Safeer S, Cleary JP, **Fudin J**. A perspective on tapentadol therapy. *Pract Pain Manage* 2016;16:12-4.
- Brown RT, Nicholas CR, Cozzi NV, Gassman MC, Cooper KM, Muller D, Thomas CD, Hetzel SJ, Henriquez KM, Ribaudo AS, **Hutson PR**. Pharmacokinetics of escalating doses of oral psilocybin in healthy adults. *Clin Pharmacokinet* 2017 Mar 28.
- **Jason Kimbrel** and Optum Pharmacy Services Team published the following books:
- Palliative Care Consultant (PCC), 4th ed. [https://www.amazon.com/Palliative-Care-Consultant-Guidelines-Management-ebook/dp/B014LOTIDK/ref=sr\\_1\\_1?s=digital-text&ie=UTF8&qid=1441716311&sr=1-1&keywords=palliative+care+consultants&pebp=1441716318536&perid=0K48E3CM338R98MN4PQ2#nav-subnav](https://www.amazon.com/Palliative-Care-Consultant-Guidelines-Management-ebook/dp/B014LOTIDK/ref=sr_1_1?s=digital-text&ie=UTF8&qid=1441716311&sr=1-1&keywords=palliative+care+consultants&pebp=1441716318536&perid=0K48E3CM338R98MN4PQ2#nav-subnav);
- Wound Care at End of Life, 1st ed. <https://www.amazon.com/Wound-Care-End-Life-Professionals-ebook/dp/B00V7ABVHS>
- Pediatric Palliative Care Consultant (PPCC), 1st ed. [https://www.amazon.com/Pediatric-Palliative-Care-Consultant-Guidelines-ebook/dp/B015X2W7NC/ref=sr\\_1\\_1?s=digital-text&ie=UTF8&qid=1444335802&sr=1-1&keywords=pediatric+palliative+care+consultants#nav-subnav](https://www.amazon.com/Pediatric-Palliative-Care-Consultant-Guidelines-ebook/dp/B015X2W7NC/ref=sr_1_1?s=digital-text&ie=UTF8&qid=1444335802&sr=1-1&keywords=pediatric+palliative+care+consultants#nav-subnav).
- Gillespie H, **Smith MA**, O'Neil TA. Transplant medication management for patients nearing end-of-life. *J Palliat Med* 2017. In press.

- Owusu Obeng A, Hamadeh I, **Smith MA**. Review of opioid pharmacogenetics and considerations for pain management. *Pharmacotherapy* 2017. In press.

#### Textbook Chapters

- **Fudin J**, Cleary J, Sparkes S. Opioid analgesics. In: Argoff C, et al., eds. *Pain Management Secrets*, 4th ed. Elsevier, 2017:chap 38. In press.
- **Fudin J**, Srivastava A, Atkinson TJ, Fudin HR. Opioids for surgery or acute pain in patients on chronic buprenorphine. In: Aronoff G, ed. *Medication Management of Chronic Pain: What You Need to Know*. Trafford Publishing, 2017.
- Christo P, **Fudin J**, Gudin J, Peoples L, eds. When to order more tests. In: Kean N, ed. *Opioid Prescribing and Monitoring – How to Combat Opioid Abuse and Misuse Responsibly*. Publication Pending, *Pract Pain Manage*. September 2016.
- Dubin A, Wegrzyn WL, **Fudin J**. Nonsteroidal anti-inflammatory drugs and acetaminophen. In: *Handbook of Musculoskeletal Pain Management. A Pocketbook for Physicians and Practitioners by Physicians and Practitioners*. New York State Pain Society, 1st ed. March 2017.
- Atkinson TJ, **Fudin J**. Opioids and related medications. In: Moldwin R, ed. *Urological and Gynaecological Chronic Pelvic Pain*. Springer, 2017. Accepted for publication.
- Atkinson TJ, Gudin J, **Fudin J**. Urine drug screen, positive drug test: when to order more tests. In: Kean N, ed. *Opioid Prescribing and Monitoring – How to Combat Opioid Abuse and Misuse Responsibly*. *Pract Pain Manage*. September 2016. Publication pending.

#### New ACCP Fellows

- None to report

#### Other Notable Achievements

- **Stephanie Abel**: Appointed to Ohio Medical Marijuana Advisory Committee by Governor Kasich; chaired an expert panel charged by the Ohio State Board of Pharmacy with providing guidance for various rules for the Ohio Medical Marijuana Control Program
- **Jeff Fudin**: Select Recent Interviews (Peer Reviewed and Non-Peer-Reviewed Journals, Blogs, Other): Washington Declares War on Opioid Epidemic, Fraudulent Doctors. August 7, 2017. <https://www.practicalpainmanagement.com/resources/news-and-research/>

[washington-declares-war-opioid-epidemic-fraudulent-doctors](#); Prince died of fentanyl overdose. *Pract Pain Manage*. June 2, 2017. [www.practicalpain-management.com/resources/news-and-research/prince-died-fentanyl-overdose](http://www.practicalpain-management.com/resources/news-and-research/prince-died-fentanyl-overdose); Nalamachu S, Pergolizzi J, **Fudin J**. Once-daily Vivlodex for the management of osteoarthritis pain. *Pract Pain News Suppl. Special Report*. June 2016. [www.painmedicinews.com/download/SR1426\\_WM.pdf](http://www.painmedicinews.com/download/SR1426_WM.pdf); over 30 new blogs at <http://paindr.com/blog/>

- **Richard Wheeler:** Service on Joint Commission Standards Review Panel focusing on Pain Assessment and Pain Management

### Invited Presentations (selected)

#### Fudin, J.

- (ACPE) June 4, 2017 – American Pharmacists Association Institute on Alcoholism and Drug Dependencies at the Utah University in Salt Lake City, UT.
  - Opioid calculation and conversion: 101 from 8:00 a.m. to 9:00 a.m.
  - A case study of opioid dose de-escalation from 9:00 a.m. to 9:30 a.m.
  - Teaming up for safer pain management: strategies for effective collaboration from 9:45 a.m. to 11:15 a.m., with Lynn Webster, M.D.

(S, ACPE) April 29, 2017 – New York State Council of Health-System Pharmacists 56th Annual Assembly. Hot topics for debate in pain management: risk mitigation, multimodal analgesia, and management of frequent ED flyers (with Drs. Jacqueline Cleary and Erica Wegrzyn). At the Sagamore Resort in Bolton Landing NY.

(ACPE) American Pharmacists Association (APhA) Annual Meeting and Exposition at the Moscone Convention Center; San Francisco, CA.

- APhA Pain Institute Ask the Experts Pre-registration symposium:
  - o Managing opioid tapering. Co-presented with Dr. Lynn Webster, March 24 and 25, 2017.
  - o Pain Institute Expert Debate: Managing pain during the opioid epidemic. Co-presented with Dr. Christopher Herndon, March 24, 2017.

(CME) American Academy of Pain Medicine (AAPM) 33rd Annual Meeting in Orlando, Florida, at the Loews Sapphire Falls Resort.

- Opioid and nonopioid medications management: filling in the gaps, prescribing for the whole patient. NSAIDs for acute and chronic pain. Presented March 16, 2017.

- Opioid prescribing guidelines: practical and ethical considerations with clinical pearls for PCP and specialty pain management: pharmacologic and medical literature. Considerations when prescribing opioids for continuous use in noncancer pain management. Presented March 17, 2017.
- Research update on controversies in pain medicine: a pearls session. Morphine equivalent daily dosage (MEDD) and susceptibility to opioid-induced respiratory depression/naloxone use. Presented March 19, 2017.

An interdisciplinary team approach to safely and effectively treat chronic pain and reduce the potential for opioid abuse. Presented at: Abuse-Deterrent Formulation Summit; March 8, 2017; Embassy Suites by Hilton Old Town; Alexandria, VA.

(N, CE, ACPE) December 4–8, 2016 – Debate: CDC opioid prescribing guidelines: controversy, opiophobia, and the role of the pharmacist (E Dole v. J Fudin). Presented at: American Society of Health-System Pharmacists (ASHP) 2016 Midyear Clinical Meeting and Exhibition; December 5, 2016; Las Vegas, NV.

(N, CPS, ACPE, CME) PainWeek 2016 at the Cosmopolitan Hotel; Las Vegas, NV:

- What is the role of buprenorphine in chronic pain? 9/6/2016
- Beyond chronic pain in the opioid-managed patient: addressing comorbid sleep and psychiatric disorders, 9/7/2016
- If 6 were 9: the CDC's prescribing guidelines and the veil of secrecy, 9/7/2016
- Risk tool to qualify patients for take-home naloxone, 9/8/2016
- You're in control or urine control: clinical pearls of drug testing case studies, 9/9/2016
- Pharmacogenomics: 3 wise men discuss effects on holy tablets, 9/9/2016
- The MEDD myth: practice and research implications, 9/10/2016

### Professional Services

- June 20, 2017: New York State Board for Professional Medical Conduct. Service appointment expires June 30, 2020.
- April 2016 to present: Director-at-Large for the 2016–2017 American Academy of Pain Medicine Foundation Board of Directors
- April 2016 – present: Eligible Professional Electronic Clinical Quality Measures, Potential Opioid Overuse Expert Work Group. A diverse,

multi-stakeholder body for EWG, representing a range of clinical and governmental perspectives.

### Poster Presentations

- **Fudin J**, Raouf M, Shahzad N, Jarrett N, Wegrzyn E. A novel, validated smartphone application to quantify opioid overdose probability for justification of in-home naloxone. P342. Presented at: 2016 ACCP Annual Meeting; October 24, 2016; Hollywood, FL.
- Carroll J, Cleary, JP, Stressels S, **Fudin J**. Analysis of pain education deficiencies among student and recent graduate US pharmacists. P24. SN735. Presented at: PainWeek 2016 at the Cosmopolitan Hotel; September 9, 2016; Las Vegas, NY.
- Dragic LL, **Fudin J**. Quality assurance alcohol monitoring by urine ethyl glucuronide screen in patients receiving chronic opioid therapy. Presented at: American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting and Exhibition; 2016; Las Vegas, NV.
- Garfinkel MA, Dragic LL, Bettinger JJ, **Fudin J**, Cleary JH. 242604 Community pharmacy survey regarding naloxone education, access, and distribution. Presented at: American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting and Exhibition; 2016; Las Vegas, NV.
- Song K, **Fudin J**, Shayegani R, Cleary JP, Oliva EM. Comparing validated and novel risk tools to quantify risk for opioid-induced respiratory depression in an electronic medical record. Presented at: Association for Medical Education and Research in Substance Abuse (AMERSA) 40th Annual National Conference at the Fairmont Hotel in Georgetown; November 3, 2016; Washington, DC.
- Wegrzyn E, **Fudin J**. Safety and efficacy of buprenorphine for pain: a retrospective drug utilization review. Late-breaking poster presented at: PainWeek 2016 at the Cosmopolitan Hotel; September 9, 2016; Las Vegas, NY.

### Pediatrics PRN

#### Promotions

- **Joseph M. LaRochelle**: Clinical Professor, Xavier University of Louisiana
- **Kirsten H. Ohler**: Clinical Associate Professor

#### Awards

- **Elizabeth Farrington**: Richard A. Helms Award of Excellence in Pediatric Pharmacy Practice 2017

### Publications

- **Bondi DS, Ohler KH**. Neonatal medication considerations. In: Hoenig JD, Chu A, Hageman JR, eds. Essential Guide to Clinical Neonatology. Hauppauge, NY: Nova Science, 2016:chap 71.
- **Cunningham KJ**, Antolik TL, Alabsi S, Rwimer RA. Utilizing serum creatinine to determine an empiric gentamicin dosing interval in premature and term neonates: a retrospective chart review. *AJHP* 2017;74:466-72.
- **LaRochelle JM**, Desselle B, Rossi JL. Case report: continuous infusion etomidate in a patient receiving extracorporeal membrane oxygenation. *J Pediatr Pharmacol Ther* 2017;22:65-8.
- El-Rachidi S, **LaRochelle JM**, Morgan JA. Pharmacists and pediatric medication adherence: bridging the gap. *Hosp Pharm* 2017;52:124-31.
- Campbell CT, Phillips MS, **Manasco K**. Cannabinoids in pediatrics. *J Pediatr Pharmacol Ther* 2017;22:176-85.
- Breitbach AA, Jenn CA, **Milavetz G**. Distraction techniques for immunizations in children and adolescents. *J Am Pharm Assoc* (2003). 2017;57:414-5.
- Burcham P, Sarzynski L, Khalfoun S, **Novak KJ**, Miller JC, Tumin D, Hayes D. Immunosuppression drug therapy for lung transplant in children with cystic fibrosis. *Pediatr Drugs* 2017;19:339-46.
- Patel P, Robinson PD, **Thackray J**, Flank J, Holdsworth MT, Gibson P, Orsey A, Portwine C, Freedman J, Madden JR, Phillips R, Sung, L, Dupuis LL. Guideline for the prevention of acute chemotherapy-induced nausea and vomiting in pediatric cancer patients: a focused update. *Pediatr Blood Cancer* 2017 Apr 29. [Epub ahead of print]

#### New ACCP Fellows

- Joseph M. LaRochelle
- Kalen Manasco

#### Other Notable Achievements

- **Kalen Manasco**: Fellow, Pediatric Pharmacy Advocacy Group, 2017

### Perioperative Care PRN

#### Introduction

The Perioperative Care PRN will celebrate its 3 years in existence at the 2017 ACCP Annual Meeting. PRN members are happy to report that the PRN's membership has rapidly grown to almost 120 members! This PRN was

established to provide education and resources related to the overall treatment of perioperative patients. Areas of interest range from regulatory requirements to early recovery after surgery to multimodal pain management and beyond.

Over the past year, the Perioperative Care PRN has improved its Internet presence. This has included updating the PRN webpage, launching a new Facebook page (<https://www.facebook.com/ACCP-Perioperative-Care-PRN-172647483256115/>) that also updates directly to the PRN webpage, and regularly posting relevant articles, updates, and announcements on both Facebook and the webpage. The PRN also hosted its first Lunch & Learn Webinar, titled "Development and Implementation of Preemptive Analgesia and Sugammadex Stewardship," presented by Drs. Sara Jordan, Brian Kramer, and Adam Trimble in June with great audience participation. A focus group within the Research and Education Committee has been organized to begin writing a PRN opinion paper on the role of pharmacists in perioperative care. Finally, the Perioperative Care PRN was excited to offer its first student and resident/fellow travel awards for the 2017 Annual Meeting.

The Perioperative Care PRN looks forward to moderating the 2017 Annual Meeting focus session titled "Enhanced Recovery: The Paradigm Shift in Perioperative Care" on Saturday, October 7, 2017, at 3:30 p.m. Three nationally known experts in various aspects of perioperative care and medication management will discuss opportunities for clinical pharmacy integration. The PRN will also host a business and networking meeting on Sunday, October 8, at 6:30 p.m. in the Cave Creek Meeting Room at the Sheraton Grand Phoenix. We hope to see many of you at both events.

The Perioperative Care PRN is pleased to recognize the following members for their awards and accomplishments.

#### Promotions

- **Herbert Mathews:** Promoted to Director of Pharmacy, Jefferson Memorial Hospital, Jefferson City, Tennessee
- **April N. Smith:** Promoted to Associate Professor of Pharmacy Practice, Creighton University School of Pharmacy & Health Professions, Spring 2017

#### Publications

- Wilby KJ, **Johnson EG**, Johnson HE, Ensom MHH. Evidence-based review of pharmacotherapy used for Parkinson's disease psychosis. *Ann Pharmacother* 2017;5:682-95.

- **Smith AN.** Nutritional considerations in the bariatric surgery patient. In: Murphy J, Lee MW, eds. *Ambulatory Care Self-Assessment Program, 2017 Book 3. Nutritional/Gastroenterologic Care.* Lenexa, KS: American College of Clinical Pharmacy, 2017.
- Ramsdell T, **Smith AN**, Kerkhove E. Compliance with updated sepsis bundles to meet new sepsis core measure in a tertiary care hospital. *Hosp Pharm* 2017;52:177-86.
- Wahr J, Abernathy J III, Lazzara E, Keebler J, Wall M, Lynch I, **Wolfe R**, Cooper L. Medication safety in the operating room: literature and expert-based recommendations. *Br J Anaesth* 2017;118:32-43.

### Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN

The PK/PD/PG PRN is happy to announce this year's winner of the M. Kelli Jordan Travel Award, Dr. Rebecca Pulk. She will join the PRN at the ACCP Annual Meeting as the PK/PD/PG PRN celebrates its 20th anniversary!

#### Promotions

- **Chris Aquilante:** Promoted to Full Professor
- **Kelly Caudle:** Promoted to CPIC Director from CPIC Coordinator
- **Tony K.L. Kiang:** Promoted to Assistant Professor (tenure track)

#### Awards

- **Mary Ensom:** Received the Class of 2017 Master Teacher Award, University of British Columbia Faculty of Pharmaceutical Sciences (June 2017)
- **Jason Karnes:** Named as Outstanding Young Alumnus by the University of Florida College of Pharmacy

#### Grants

- **Jason Karnes:** National Heart, Lung, and Blood Institute (NHLBI) NIH Loan Repayment Program (Clinical Research LRP)
- **Tony K.L. Kiang:** Revolutionizing Vancomycin Therapeutic Drug Monitoring: A Novel Microneedle Device for Sampling Interstitial Fluid (2017 VCHRI Innovation and Translational Research Award) (PI)

#### Publications

Peer-Reviewed Manuscripts

- **Alzghari SK**, Blakeney L, Rambaran KA. Proposal for a pharmacogenetic decision algorithm. *Cureus* 2017;9:e1289.



- **Alzghari SK**, Seago SE, Garza JE, Hashimie YF, Baty KA, Evans MF, Shaver C, Herrington JD. Retrospective comparison of low molecular weight heparin vs. warfarin vs. oral Xa inhibitors for the prevention of recurrent venous thromboembolism in oncology patients: the Re-CLOT study. *J Oncol Pharm Pract* 2017.
- An J, **Alzghari SK**, Burkhart S, Amadio J, Spiekerman AM. *Pharmacogenetics: The Next Frontier*. Dallas, TX: Gulfstream Genomics, 2017.
- Le AD, **Alzghari SK**, Jean GW, La-Beck NM. Update on targeted therapies for advanced non-small cell lung cancer: nivolumab in context. *Ther Clin Risk Manag* 2017;13:223-36.
- McCutcheon LRM, **Alzghari SK**, Lee YR, Long WG, Marquez R. Interprofessional education and distance education: a review and appraisal of the current literature. *Curr Pharm Teach Learn* 2017;9:729-36.
- Rambaran KA, Chu M, Johnson TB, **Alzghari SK**. The current landscape of marijuana and pharmacogenetics. *Cureus* 2017;9:e1525.
- Rybak JM, Dickens CM, Parker JE, **Caudle K**, Manigaba K, Whaley SG, Nishimoto A, Luna-Tapia A, Roy S, Zhang Q, Barker KS, Palmer GE, Sutter TR, Homayouni R, Wiederhold NP, Kelly SL, Rogers PD. Loss of C-5 sterol desaturase activity results in increased resistance to azole and echinocandin antifungals in a clinical isolate of *Candida parapsilosis*. *Antimicrob Agents Chemother* 2017 Jun 19.
- Johnson JA, **Caudle KE**, Gong L, Whirl-Carrillo M, Stein CM, Scott SA, Lee MT, Gage BF, Kimmel SE, Perera MA, Anderson JL, Pirmohamed M, Klein TE, Limdi NA, Cavallari LH, Wadelius M. Clinical pharmacogenetics implementation consortium (CPIC) guideline for pharmacogenetics-guided warfarin dosing: 2017 update. *Clin Pharmacol Ther* 2017 Feb 15.
- Pasternak AL, Crews KR, **Caudle KE**, Smith C, Pei D, Cheng C, Broeckel U, Gaur AH, Hankins J, Relling MV, Haidar CE. The impact of the *UGT1A1\*60* allele on bilirubin serum concentrations. *Pharmacogenomics* 2017;18:5-16.
- Walsh TJ, Moriyama B, Penzak SR, Klein TE, **Caudle KE**. Response to "Pharmacogenetics of voriconazole: *CYP2C19* but also *CYP3A4* need to be genotyped" – the role of *CYP3A4* and *CYP3A5* polymorphisms in clinical pharmacokinetics of voriconazole. *Clin Pharmacol Ther* 2017;102:190.
- Beach J, Perrott J, Turgeon R, **Ensom MHH**. Penetration of vancomycin into the cerebrospinal fluid: a systematic review. *Clin Pharmacokinet Online*. May 20, 2017.
- Dagenais R, Barry AR, **Ensom MHH**. "The bus analogy": a new analogy to help pharmacy students conceptualize the well-stirred model. *Curr Pharm Teach Learn* 2017;9:639-43.
- Dagenais R, Wilby KJ, Elewa H, **Ensom MHH**. The impact of genetic polymorphisms on phenytoin pharmacokinetics and clinical outcomes in the Middle East and North Africa region: a systematic review. *Drugs R D* 2017. Online First 26 July.
- Peterson S, Lau TTY, **Ensom MHH**. Combination of ceftriaxone and ampicillin for the treatment of enterococcal endocarditis: a qualitative systematic review. *Ann Pharmacother* 2017;51:496-503.
- Smith AD, Rempel G, Szeitz A, Klassen TL, **Ensom MHH**. Vancomycin 50mg/ml suspension in oral syrup: stability in plastic bottles and syringes at 2 temperatures. *Can J Hosp Pharm* 2017;70:247-9.
- Tan J, Paquette V, Levine M, **Ensom MHH**. Levetiracetam clinical monitoring in pediatric patients with epilepsy. *Clin Pharmacokinet* 2017 Mar 28. [Epub ahead of print]
- **Wilby KJ**, Johnson EG, Johnson HE, Ensom MHH. Evidence-based review of pharmacotherapy used for Parkinson's disease psychosis. *Ann Pharmacother* 2017;51:682-95.
- **Karnes JH**,\* Bastarache L,\* Shaffer CM, Gaudieri S, Xu Y, Glazer A, Mosley JD, Zhao S, Raychaudhuri S, Mallal S, Ye Z, Mayer JG, Brilliant MH, Hebrington SJ, Roden DM, Phillips EJ, Denny JC. Phenome-wide scanning identifies multiple diseases and disease severity phenotypes associated with HLA variants. *Sci Transl Med* 2017;9(389):eaai8708. \*Authors contributed equally.
- **Karnes JH**, Shaffer CM, Bastarache L, Gaudieri S, Glazer AM, Steiner H, Mosley JD, Mallal S, Denny JC, Phillips EJ, Roden DM. Comparison of allelic imputation programs. *Plos One* 2017;12:e0172444.
- **Karnes JH**, Shaffer CM, Cronin R, Bastarache L, Gaudieri S, James I, Pavlos R, Steiner HE, Mosley JD, Mallal S, Denny JC, Phillips EJ, Roden DM. Influence of *HLA* alleles and KIR types on heparin-induced thrombocytopenia. *Pharmacotherapy* 2017. In press.
- **Kaye JB**, Schultz LE, Steiner HE, Kittles RA, Cavallari LH, Karnes JH. Warfarin pharmacogenomics in diverse populations. *Pharmacotherapy* 2017. In press.
- Wells QS, Veatch OJ, Fessel JP, Joon AY, Levinson RT, Mosley JD, Held EP, Lindsay CS, Shaffer CM, Weeke PE, Glazer AM, Bersell KR,

Van Driest SL, **Karnes JH**, Blair MA, Lagrone LW, Su YR, Bowton EA, Feng Z, Ky B, Lenihan DJ, Fisch MJ, Denny JC, Roden DM. Genome-wide association and pathway analysis of left ventricular function after anthracycline exposure in adults. *Pharmacogenet Genomics* 2017;27:247-54.

- **Kiang TK, Ensom MH.** Anti-rejection drugs. In: Murphy JE, ed. *Clinical Pharmacokinetics*, 6th ed. Bethesda, MD: American Society of Health-System Pharmacists.
- Tang JY, **Kiang TKL, Ensom MHH.** Pharmacokinetic interactions between valproic acid and lorazepam (PIVOtAL Study): a review of site-specific practices. *Can J Hosp Pharm* 2017;70:171-8.

#### New ACCP Fellows

- Christine M. Formea

#### Other Notable Achievements

- **Saeed Alzghari:** Achieved certification through the Board of Pharmacy Specialties in pharmacotherapy (BCPS), earned a pharmacogenomics certificate through the University of Florida's Precision Medicine Conference, and earned membership into the Clinical Pharmacogenetics Implementation Consortium (CPIC) and the American College of Medical Genetics and Genomics
- **Christine M. Formea:** Named as a Fellow of FASHP (this summer); also, invited to serve on the editorial board for *Clinical Drug Investigation*, Springer/Adis

#### Women's Health PRN

##### Publications

- Chau VM, Stamm CA, **Borgelt L**, Gaffaney M, Moore A, Blumhagen RZ, Rupp L, Topp D, Gilroy C. Barriers to single-dose levonorgestrel-only emergency contraception access in retail pharmacies. *Womens Health Issues* 2017 Apr 23. [Epub ahead of print]
- **Rafie S, Stone RH**, Wilkinson T, **Borgelt L**, **EI-Ibiary S**, Ragland D. Role of the community pharmacist in emergency contraception counselling and delivery: current trends and future prospects. *Integrat Pharm Res Pract*. [https://www.dovepress.com/articles.php?article\\_id=32019](https://www.dovepress.com/articles.php?article_id=32019).
- Galzote RM, **Rafie S**, Teal R, Mody SK. Transdermal delivery of combined hormonal contraception: a review of the current literature. *Int J Womens Health* 2017;9:315-21.

- Wilkinson TA, Clark P, **Rafie S**, Carroll A, Miller E. Disparities in access to emergency contraception following removal of age restrictions. *Pediatrics* 2017;140.
- **Skaer TL.** Current issues regarding the care of the fibromyalgia patient. *Fibrom Open Access* 2017;2:120.
- **Skaer TL**, Kwong J. Illness perceptions and burden of disease in fibromyalgia. *Exp Rev Pharmacoecon Outcomes Res* 2017;17:9-15.
- **Stone R, Rafie S**, EI-Ibiary SY, Vernon V, Lodise NM. Emergency contraception algorithm and guide for clinicians. *Nurs Womens Health* 2017;21:297-305.
- **Stone RH**, Bobowski C, Milikhiker N, Anguiano R, Mastrogiannis D. Prevention of preterm labor with hydroxyprogesterone caproate (17OHP): are there differences in adverse reaction rates between the compounded and commercial formulation? *Am J Perinatol*. <https://www.ncbi.nlm.nih.gov/pubmed/28704849>.
- Tran T, Griffin B, **Stone RH**, Vest K, Todd T. Methadone, buprenorphine, and naltrexone for the treatment of opioid use disorder in pregnancy. *Pharmacotherapy* 2017 May 24. <https://www.ncbi.nlm.nih.gov/pubmed/28543191>.

##### Promotions

- **Kassandra Bartelme:** Promoted to Associate Professor of Pharmacy Practice at Concordia University Wisconsin School of Pharmacy
- **Abigail M. Yancey:** Promoted to Professor of Pharmacy Practice, St. Louis College of Pharmacy

##### Grants

- **Hebert M.** New NIGMS/NIH Grant Award to study the mechanism of changes in drug metabolism during pregnancy
- **Patel J.** \$2637 from Midwestern University (intramural grant) for: Evaluation of Smartphone-Based Medication Adherence Application in Non-valvular Atrial Fibrillation Patients Treated with Oral Factor Xa Inhibitors (MAXaban study). Role: PI (2017–2018)
- **Rafie S.** Society of Family Planning grant for study titled "Patient Experiences with Pharmacist Prescribing of Hormonal Contraception in California"
- **Skaer TL.** \$11,000 from Washington State University Health Equities Seed Grant Program for: Pregnancy to Parenthood on Medication-Assisted Treatment for Opioid Use. Role: Co-I (2017–2018)

## Other Notable Achievements

- **Sally Rafie:** North American Menopause Society Certified Menopause Practitioner (NCMP)

## NEW PREP COURSES

### ACCP to Add Two Board Certification Prep Courses in 2018

ACCP will expand its Updates in Therapeutics® board certification preparatory review course offerings to include programs for the recently approved Board of Pharmacy Specialties (BPS) Cardiology Pharmacy and Infectious Diseases Pharmacy. BPS plans to offer the initial certification exam for each specialty in the fall of 2018. Please visit [www.bpsweb.org](http://www.bpsweb.org) for additional testing information.

ACCP's Updates in Therapeutics® Cardiology Pharmacy and Infectious Diseases Pharmacy preparatory review courses are designed for pharmacy professionals who are preparing for their respective Specialty Certification Examinations administered by BPS. The courses will address the knowledge and task statements contained in the BPS-approved outline. ACCP will offer both programs as 3-day live courses in Jacksonville, Florida, February 16–18, 2018, with a 2-day encore presentation at Western University of Health Sciences College of Pharmacy, Pomona, California, April 21–22, 2018.

Additional details regarding both course offerings will be available online at [www.accp.com](http://www.accp.com) later this fall.

## SAVE THE DATE SPRING



The graphic features the ACCP logo (American College of Clinical Pharmacy) on the left. The main title is "ACCP Updates in Therapeutics® 2018" in white on a dark blue background, with the dates "February 16–18, 2018" and location "Jacksonville, Florida" below it. A large orange hibiscus flower is positioned in the upper right. The central text lists featured prep courses: Ambulatory Care Pharmacy Preparatory Review and Recertification Course; Cardiology Pharmacy Preparatory Review Course **NEW!**; Infectious Diseases Pharmacy Preparatory Review Course **NEW!**; and Pharmacotherapy Preparatory Review and Recertification Course. Below this, it says "Plus ACCP Academy Programming" and "ACCP's Patient-Centered, Team-Based Care: Focus on Outpatient Practice **NEW!** Programs | Workshops | Posters". On the right is a photograph of the Jacksonville skyline at dusk, featuring the blue steel bridge over the river. A palm tree is visible in the bottom left corner.

**ACCP**  
American  
College of  
Clinical Pharmacy

## ACCP Updates in Therapeutics® 2018

February 16–18, 2018  
Jacksonville, Florida

**Featured Prep Courses:**

- Ambulatory Care Pharmacy Preparatory Review and Recertification Course
- Cardiology Pharmacy Preparatory Review Course **NEW!**
- Infectious Diseases Pharmacy Preparatory Review Course **NEW!**
- Pharmacotherapy Preparatory Review and Recertification Course

**Plus**

- ACCP Academy Programming
- ACCP's Patient-Centered, Team-Based Care: Focus on Outpatient Practice **NEW!**

Programs | Workshops | Posters

## RI UPDATE

### ACCP Research Institute

#### Fall 2017 PRN Report

- We want to share a quick update on select programs, activities, and opportunities for engagement with the ACCP Research Institute. We also invite you to visit our website ([www.accpri.org](http://www.accpri.org)) for updates and program announcements. Thank you for supporting the Research Institute.

#### Strategically Guiding the Direction of the RI

The RI Board of Trustees is completing an almost yearlong strategic planning process. The new 3- to 5-year plan will guide an exciting and purposeful course for the RI and will be published in early 2018.

- February 2017: BOT environmental scanning and discussion at February meeting.
- March – May 2017: Solicitation of critical issues for the RI from PRNs (through RI PRN liaisons) and review of the ACCP member surveys.
- May 2017: 1-day session facilitated by the Bernard Consulting Group (BCG) in Kansas City, with the BOT and senior staff to confirm current critical issues and draft strategic directions.
- August 2017: ½-day session facilitated by BCG in KC to develop/finalize strategic directions.
- December – January: Finalize strategic plan and disseminate.

#### ACCP RI Congratulates 2017 Futures Grants Program Awardees

The ACCP Research Institute (RI) Frontiers Fund supports clinical pharmacy researcher development and clinical pharmacy research advancement. Through its Futures Grants Program, the RI Board of Trustees is especially interested in supporting the development of research skills among student, trainee, and early-career ACCP members with a goal of establishing sustained interest and careers in clinical pharmacy research.

This year, the ACCP RI received 47 applications for its mentored research funding program. Each application was reviewed by an expert panel according to the program's core review criteria. The ACCP RI congratulates the 2017 Futures Grants Program awardees. All award recipients will be recognized during the Awards and Recognition Ceremony on Sunday, October 8, during the upcoming ACCP Annual Meeting in Phoenix.

#### Junior Investigator Awards

- Houda Alachkar, Pharm.D., Ph.D., USC School of Pharmacy – Pharmacogenomics of age-specific, asparaginase-induced hepatotoxicity in patients with acute lymphoblastic leukemia. Mentor: Enrique Cadenas, M.D., Ph.D.
- Jeffrey M. Rybak, Pharm.D., University of Tennessee, Memphis – Revealing the impact of small molecule transporters on clinical triazole resistance in *Aspergillus fumigatus*. Mentor: P. David Rogers, Pharm.D., Ph.D., FCCP

#### Student/Resident Awards

- Tyler Shugg: A mechanistic analysis of CaMKII regulation of IKs during sustained beta-adrenergic stimulation. Mentor: Brian Overholser, Pharm.D., FCCP
- Kevin Straughn: Design and optimization of polymyxin-based triple combination regimens against carbapenem-resistant *Klebsiella pneumoniae*. Mentor: Gauri Rao, Pharm.D., M.S. (Computer Engineering), M.S. (Pharmacometrics)
- Anh Truong: University of Southern California – A novel approach to understanding the estrogen receptor signaling pathway using thermally responsive biopolymers. Mentor: J. Andrew MacKay, Ph.D.
- Ana D. Vega: Oral vancomycin plus intravenous metronidazole for severe *Clostridium difficile* NAP1/BI/027 infection. Mentor: Kimberly Claeys, Pharm.D., BCPS

The ACCP RI Board of Trustees and staff would also like to express their sincere gratitude to the expert reviewers who served on the Junior Investigator and Student/Resident award review committees. Members of the Junior Investigator Award Review Committee were William Baker, Douglass Boggs (chair), Kathryn Connor, Christopher Destache, Sheetal Dharia, Jeffrey Fong, Christine Formea, David Fuentes, Paul Gubbins, Ajna Hamidovic, Charles Leonard, David Martin, David Min, Keith Olsen, Diana Sobieraj, and Michael Ujhelyi. Members of the Student/Resident Award Review Committee were Kyle Burghardt, Margaret (Peggy) Bush, Mariann Churchwell, Yen Dang, Maguy Hajji, Kirolos Hanna, Vanthida Huang, YoonSun Mo, and Kimberly Scarsi (chair).

For more information about the ACCP RI Futures Grants Program, please visit [www.accpri.org/futures/](http://www.accpri.org/futures/).

## Research Institute and *Pharmacotherapy* Open House at the 2017 Annual Meeting

Monday, October 9, 11:30 a.m. –1:30 p.m.

- Please join us for an Open House to learn how to get more involved with the ACCP Research Institute (RI) or *Pharmacotherapy*, the official journal of ACCP.
- Throughout the Open House, you will have the opportunity to speak directly with board members and advisory panel members from the RI and *Pharmacotherapy*, specifically about:
  - Developing Manuscripts of Interest.
  - Serving as a *Pharmacotherapy* Reviewer.
  - Becoming a *Pharmacotherapy* Editorial Board Member.
  - Your Questions for the Editor-in-Chief.
  - Serving as a Reviewer for Contributed Scientific Abstracts.
- Researcher Development: Focused Investigator Training (FIT), Mentored Research Investigator Training (MeRIT), and ACCP Academy Research and Scholarship Certificate.
- Research funding available through the RI Student/Resident and Junior Investigator Futures Grants.
- Engaging in Collaborative Research experiences.

### Handouts/Information Available for Pickup:

- Editorial Board member description.
- Scientific Editor description.
- Pharmacotherapy flyer.
- Call for Abstracts.
- Investigator Training brochures.
- Futures Grants information.
- Abstract Reviewer information.

### Coming Soon: Plan Your “Walk-Rounds” Through the Scientific Poster Presentations

Many PRNs conduct “walk-rounds” during the Scientific Poster Presentations at ACCP’s Annual Meeting each year. In these walk-rounds, small groups of PRN members move through preselected posters and discuss the presentations’ findings and implications with the authors. Again this year, the Research Institute will provide each PRN (through RI PRN liaisons) with a list of posters for which members of their respective PRNs are named as presenting authors or coauthors. The lists are expected to be distributed no later than September 15. If your PRN does not receive a copy, please contact Shelly Enders ([senders@accp.com](mailto:senders@accp.com)).

## Investigator Development

### Mentored Research Investigator Training (MeRIT) Program

The Research Institute is pleased to again offer this one-of-a-kind training program designed to assist pharmacists with developing the abilities necessary to conduct investigator-initiated research, either independently as a principal investigator or as an active co-investigator within a research team. Ideal candidates for the MeRIT Program are pharmacy faculty or practitioners with limited research experience who are:

- Committed to incorporating research into their professional careers.
- Interested in generating research themes or obtaining preliminary data for larger funding opportunities.
- Aspiring to be active principal or co-investigators within a research team.

MeRIT is a 2-year longitudinal program that uses a combination of live and virtual teaching and mentoring methods to provide trainees with the support and education they need throughout the research experience (i.e., from idea, proposal development, funding application, and project completion to presentation and publication). Be sure to visit the 2016 MeRIT participants’ completed research posters and the 2017 MeRIT participants’ research design posters during the Annual Meeting on Monday, October 9, 11:30 a.m. – 1:30 p.m., in the Phoenix Convention Center West Building, West Ballrooms 301 B–D.

The application period for the 2018 MeRIT Program will open in November 2017, with letters of intent due February 28 and full applications due March 31. The primer program will be held June 25–29, 2018, on the campus of the University of Michigan College of Pharmacy in Ann Arbor, Michigan.

### Focused Investigator Training (FIT) Program

The RI’s annual flagship pharmacist investigator training program continues June 25–29, 2017, at the University of Michigan College of Pharmacy in Ann Arbor, Michigan. If you are preparing to submit (or resubmit) a research proposal to NIH or other major foundation/organization funding source, FIT should be on your agenda.

This 5-day intensive, hands-on program has a strong history of participant success, as it pairs experienced and funded faculty mentors with investigator participants. The program is geared to fine-tune R-type investigator-initiated proposals and K-type career development awards. The ideal applicant is a mid-career, fellowship-trained, tenure-track or research-focused pharmacist. The application period for the 2018 FIT Program will open in November 2017, with letters of intent due February 28 and full applications due March 31.

Feedback from a past FIT participant – “*The focused and protected time to work on my proposal and receive expert/critical feedback on my proposal were instrumental to my receiving funding, and I’ve not been able to reproduce the same experience outside the FIT program.*”

More information on MeRIT and FIT will be available at the RI’s Open House on Monday, October 9, 11:30 a.m. – 1:30 p.m., in the Phoenix Convention Center West Building, West Ballrooms 301 B–D, or on the RI’s website at [www.accpri.org/investigator](http://www.accpri.org/investigator).

## WASHINGTON UPDATE

### Washington Update

#### Launching the 2017 ACCP-PAC PRN Challenge

For the third consecutive year, ACCP is pleased to announce the launch of the [ACCP-PAC PRN Challenge](#).

Consistent with the priorities set by ACCP’s strategic plan and the College’s organization-wide commitment to clinical practice transformation, ACCP’s Washington, D.C., office has focused for the past 4 years on an advocacy effort that calls on Congress to enact legislation to provide Medicare patients with coverage for comprehensive medication management (CMM) within the Part B medical benefit.

Now, we are specifically calling on PRN members to demonstrate their commitment to the College’s advocacy priorities through contributions to ACCP’s Political Action Committee (ACCP-PAC).

[Click here to make a contribution today!](#)

#### How the Challenge Works

The ACCP-PAC PRN Challenge will determine which PRN provides the greatest PAC support. PRN members who make a PAC contribution online will be given the option to designate a PRN to receive credit for their contribution.

- This year, the challenge will recognize two winners:
  - The PRN whose members contribute the most money in total.
  - The PRN with the highest percentage of members who contribute to the PAC.
- ACCP members who belong to several PRNs can make multiple contributions in the name of each PRN, but only one PRN can receive credit for any single contribution.
- Unlike contributions to the Frontiers Fund, ACCP-PAC cannot accept contributions directly from PRNs. All PAC contributions must be made by individuals from personal funds. Because of Federal

Election Commission regulations, PAC contributions are NOT deductible as charitable donations for federal tax purposes and must be made from personal funds and/or post-tax dollars.

- To qualify for the Challenge, PRN members must contribute a minimum of \$5. However, to increase the funds available for candidates this election season, we urge PRN members to contribute at least \$25 to this effort.
- The winning PRN will be awarded coveted preferential timeslots for PRN business meetings at the next two ACCP Annual Meetings.
- Results will be announced at the ACCP Annual Meeting in October.
- Please contribute online at [www.accpaction.com](http://www.accpaction.com).

We encourage PRN leaders and members to take the time to highlight the Challenge in PRN meetings and online communications to PRN members. For more information, contact John McGlew ([jmcglew@accp.com](mailto:jmcglew@accp.com) or 202-621-1820).

#### Who Receives ACCP-PAC Support?

All decisions regarding financial contributions to candidates are made by the PAC Governing Council on the basis of certain established criteria:

- Position on key health care committees in Congress.
- Proven support for pharmacy and health care-related issues.
- Previous health care experience.

The key health care-related committees in the House of Representatives are the Appropriations, Ways & Means, and Energy & Commerce committees; in the Senate, the key committees are the Appropriations, Finance, and Health, Education, Labor & Pensions (H.E.L.P.) committees.

ACCP members who contribute to the PAC may recommend candidates to receive contributions. All PAC contributor recommendations will be considered; however, not all requests may be accommodated. The ACCP-PAC Governing Council must approve all candidate contributions.

As a federal committee, the ACCP-PAC can only contribute to candidates who are running for federal office (candidates for the U.S. House of Representatives or U.S. Senate, not state legislatures or gubernatorial races).

Thank you in advance for your support of this important initiative. For more information, visit the ACCP-PAC website at [www.accpaction.com](http://www.accpaction.com) or contact John McGlew ([jmcglew@accp.com](mailto:jmcglew@accp.com)).

## Advocacy Highlights at the 2017 ACCP Annual Meeting

PRN members attending the 2017 ACCP Annual Meeting who wish to learn more about ACCP's advocacy work are encouraged to attend the following sessions:

### ACCP Welcome and Keynote Address

#### Big Data for Team-Based, Patient-Centered Health Care: A Clinical Framework

8:00 a.m. – 9:30 a.m. (MST) at the Phoenix Convention Center North Building Street Level: North Ballrooms 120 B&C

#### Speaker

- Summerpal Kahlon, M.D., Director, Care Innovation, Oracle Health Sciences, Orlando, Florida

#### Learning Objectives

- Describe the emerging world of “big data” and how this relates to the advancement of clinical pharmacy practice.
- Identify ways to incorporate and use robust data sets/information to improve clinical and humanistic outcomes for patients.
- Summarize the current policy and advocacy issues that intersect with the world of “big data.”

### Credentialing and Privileging: The Key to Advancing Clinical Practice Through Alternate Payment Models

Saturday, October 7, 2017, 9:45 a.m. – 11:45 a.m. (MST), Phoenix Convention Center North Building Street Level: Meeting Room 125

Available for 2.0 hours of CPE credit

#### Speakers

- John K. McGlew, M.A., Director of Governmental Affairs, American College of Clinical Pharmacy, Washington, D.C.
- Daniel S. Aistrope, Pharm.D., BCACP, Director, Clinical Practice Advancement, American College of Clinical Pharmacy, Lenexa, Kansas.
- Allyson Schlichte, Pharm.D., MBA, BCACP, Medication Therapy Management Operations Lead and Provider, Fairview Health Services, Minneapolis, Minnesota.

## Learning Objectives

- Describe the policy principles of ACCP's Medicare Initiative to establish coverage for comprehensive medication management (CMM) services within the Medicare program.
- Identify the key challenges and opportunities in Congress and within the administrative agencies in establishing Medicare coverage for CMM.
- Describe the key goals of the MACRA legislation as they relate to value-based payment structures, and identify opportunities within this implementation process to advance clinical pharmacy practice and expand access to CMM services.
- Explain why credentialing and privileging are essential to the ongoing effort to fully integrate clinical pharmacists into health care teams under evolving alternative payment models.

### ACCP Business Meeting and Town Hall

Sunday, October 8, 2017, 2:15 p.m. – 4:15 p.m. (MST), Phoenix Convention Center North Building Street Level: North Ballrooms 120 B&C

### Building the Patient's Pharmacist Team to Achieve Medication Optimization

#### Speakers

- Moderator: C. Edwin Webb, Pharm.D., MPH, Associate Executive Director, Director of Government and Professional Affairs, American College of Clinical Pharmacy, Washington, D.C.
- Allyson Schlichte, Pharm.D., MBA, BCACP, Medication Therapy Management Operations Lead and Provider, Fairview Health Services, Minneapolis, Minnesota
- Trista Pfeifferberger, Pharm.D., Director of Quality and Operations, Community Pharmacy Enhanced Services Networks, Hillsborough, North Carolina
- Amina Abubakar, Pharm.D., Pharmacist/Owner, Rx Clinic Pharmacy, Charlotte, North Carolina

### Late-Breaking Literature and Recent Developments in Clinical Pharmacy

Tuesday, October 10, 2017, 3:00 p.m. – 4:30 p.m. (MST), Phoenix Convention Center North Building Street Level: North Ballrooms 120 B&C

Available for 1.5 hours of CPE credit

### Washington Leadership Changes to Health Care/Health Care Reform: Clinical Pharmacy Friend or Foe

## Speaker

- Paul T. Kelly, Federal Group, Inc., Washington, D.C.

## ACCP's Medicare Initiative Update

Since the launch of our initiative to seek Medicare coverage for comprehensive medication management (CMM) services, our lobbying efforts have been successful in many respects.

During many Hill visits, we have had the opportunity to help educate key congressional offices on:

- The definition of CMM and the process of care.
- Its benefits to patients and the broader health care system.
- Its acceptance within existing public and private programs.
- Its potential for savings and quality improvement.
- How it differs from medication therapy management (MTM).
- The value clinical pharmacists add to team-based care.
- Many other attributes of CMM that were not previously understood in Congress.

We are confident that these efforts to enhance the understanding of CMM have helped place these services—as well as ACCP as its primary advocate—“on the map” on Capitol Hill.

## Legislative Opportunities

Passage of the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA) set in motion the process of transitioning Medicare physician payments from a fee-for-service structure to one that measures and pays for quality and outcomes by incentivizing participation in the Merit-Based Incentive Payment System (MIPS) and advanced alternative payment models (APMs).

MACRA is considered the most significant shift in Medicare policy since the Affordable Care Act (ACA) and demonstrates that Congress is willing and able to work in a bipartisan manner to enact wholesale reforms to the Medicare program.

Since 2015, Congress has introduced several bills to improve the quality of care delivered to Medicare beneficiaries, including:

- The Better Care, Lower Cost Act, which provides a framework for encouraging innovative chronic care delivery across the country and reforming the fee-for-service system to facilitate team-based care that helps patients achieve their clinical goals.

- The 21st Century Cures Act, which will boost funding for medical research, ease the development and approval of experimental treatments, and reform federal policy on mental health care; this act will fund the cancer “moon shoot” initiative and expand research into precision medicine.
- The Creating High-Quality Results and Outcomes Necessary to Improve Chronic (CHRONIC) Care Act of 2017, which expands opportunities for beneficiaries to participate in accountable care organizations (ACOs) and promotes the use of telehealth.

In addition, over the coming months, Congress will consider several important health-related issues, including:

- Reauthorization of the FDA's Prescription Drug User Fee Act (PDUFA).
- Reauthorization of Medicare “extenders,” which provide additional funding for physicians practicing in rural or underserved areas, funding to facilitate ongoing National Quality Forum (NQF) quality measures, and funding for outreach and assistance to low-income populations.
- Reauthorization of the Children's Health Insurance Program (CHIP), which provides low-cost health coverage to children in low-income families who do not qualify for Medicaid.
- The Prescription Drug Price Transparency Act, which would require greater pricing transparency from pharmacy benefit managers (PBMs).

Our conclusion is that despite the stifling effect of the debate over the ACA repeal-and-replace effort, there remain moderate legislators willing to work in a bipartisan manner to address a wide variety of important health care initiatives over the coming year.

## Legislative Challenges

We have had little, if any, objection to the fact that CMM improves the quality of patient care by helping “get the medications right.” However, the most significant obstacle to advancing CMM as a Medicare Part B benefit relates to the potential cost of covering this service. Despite demonstrable evidence related to the positive impact CMM would have in reducing hospital inpatient admissions and additional physician services, the scoring methodology used by the Congressional Budget Office (CBO) will conclude that adding CMM to Medicare Part B would cost—rather than save—billions of dollars.

In addition, adding a new benefit to Medicare historically is easiest to achieve in the context of a larger reform effort that enjoys widespread bipartisan support. For example, medical nutrition therapy by registered dietitians was included in the Medicare, Medicaid, and SCHIP Benefits Improvement and Protection Act of 2000 (Public



Law 106-554), and the MTM pharmacy benefit was added as part of the Medicare Modernization Act of 2003 (Public Law 108-173). Both laws had strong bipartisan support and were adopted over a decade ago. Given the highly toxic political environment on health care that has existed since the ACA was adopted in 2010, it seems unlikely that this level of bipartisan support could be garnered for passage of a major Medicare reform law anytime soon.

### Conclusion

Over the past several years, we have succeeded in vastly improving the understanding and appreciation of CMM—and clinical pharmacists—through our efforts on Capitol Hill. We intend to continue to explore legislative and regulatory opportunities to advance this initiative, particularly within the context of evolving Medicare APMs that have been embraced by both Congress and the Centers for Medicare & Medicaid Services (CMS).

## 2017 ACCP CLINICAL PHARMACY CHALLENGE SCHEDULE

<b>Saturday, October 7</b>	
7:45 a.m. – 8:45a.m.	Participant walk-through and photo session
<b>Quarterfinal A</b>	
9:45 a.m. – 10:15 a.m.	University of Kentucky College of Pharmacy vs. University of Tennessee Health Science Center College of Pharmacy
<b>Quarterfinal B</b>	
10:30 a.m. – 11:00 a.m.	Roseman University of Health Sciences College of Pharmacy vs. University of California, San Francisco School of Pharmacy
<b>Quarterfinal C</b>	
11:15 a.m. – 11:45 a.m.	Butler University College of Pharmacy and Health Sciences vs. Temple University School of Pharmacy
<b>Quarterfinal D</b>	
Noon – 12:30 p.m.	Thomas Jefferson University Jefferson College of Pharmacy vs. University of Nebraska Medical Center College of Pharmacy
<b>Sunday, October 8</b>	
4:30 p.m. – 5:00 p.m.	Semifinal A – Winner Quarterfinal A vs. Winner Quarterfinal D
5:15 p.m. – 5:45 p.m.	Semifinal B – Winner Quarterfinal B vs. Winner Quarterfinal C
<b>Monday, October 9</b>	
11:00 a.m. – 11:30 a.m.	Final Round – Winner Semifinal A vs. Winner Semifinal B

**Contact Us! For more information on any of ACCP's advocacy efforts, please contact:**

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1455 Pennsylvania Ave. Northwest  
Suite 400  
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(202) 621-1820  
[jmcglew@accp.com](mailto:jmcglew@accp.com)

## STUDENT INITIATIVES UPDATE

### ACCP Clinical Pharmacy Challenge: The Pursuit of Excellence Continues

Now in its seventh year, ACCP's national team competition for pharmacy students returns to the Annual Meeting in Phoenix. From an initial field of 116 teams, eight have advanced through four online rounds of competition to reach the quarterfinals. The 2017 ACCP Clinical Pharmacy Challenge Quarterfinal Teams are as follows.

### Travel Awards Promote Student and Resident/Fellow Meeting Attendance

ACCP initiated its Student Travel Awards and Resident/Fellow Travel Awards programs to support and encourage student, resident, and fellow attendance at ACCP national meetings as well as to expand opportunities for students and postgraduate trainees throughout the organization. To date, ACCP has awarded more than \$84,500 in travel stipends and complimentary meeting registrations. In addition, many PRNs now offer their own travel awards for students, residents, and fellows, providing even more opportunities for attendees to apply for funding to defray the costs associated with attending the Annual Meeting.

ACCP thanks the following PRNs and chapters for either donating funds to ACCP Travel Awards programs or sponsoring their own travel awards:

- Adult Medicine
- Ambulatory Care
- Cardiology
- Central Nervous System
- Clinical Administration
- Critical Care
- Drug Information
- Education and Training
- Emergency Medicine
- Endocrine and Metabolism
- Geriatrics
- GI/Liver/Nutrition
- Gulf College of Clinical Pharmacy
- Health Outcomes
- Hematology/Oncology
- Immunology/Transplantation

- Infectious Diseases
- Nephrology
- Pain and Palliative Care
- Pediatrics
- Perioperative Care
- Pharmacokinetics/Pharmacodynamics/
- Pharmacogenomics
- Women's Health

### 2017–2018 National Student Network Advisory Committee (SNAC)

Earlier this year, ACCP issued a call for applications to student members interested in serving on the SNAC. The College received applications from students across the country. After reviewing their applications, ACCP President-Elect Jill Kolesar selected student members for appointment. The committee will convene at the upcoming 2017 Annual Meeting.

ACCP is pleased to announce the appointment of the following student members to the 2016–2017 SNAC.

Chair: Anesia Reticker, University of Illinois at Chicago College of Pharmacy

Vice Chair: Peter Atkins, Oregon State University College of Pharmacy

Secretary: Amanda Van Matre, University of Colorado Anschutz Medical Campus Skaggs School of Pharmacy and Pharmaceutical Sciences

Members-at-Large:

Morgan Casal, University of Pittsburgh School of Pharmacy

Daniela Fernandez, Nova Southeastern University College of Pharmacy

Shannon Lyons, University of Florida College of Pharmacy

Earl Morris, University of Arkansas for Medical Sciences College of Pharmacy

Leah Solodky-Terez, Temple University School of Pharmacy

Matthew Sugidono, University of California, San Francisco School of Pharmacy

April Thompkins, South Carolina College of Pharmacy

Michelle Tran, University of Minnesota College of Pharmacy

Lauren Wilde, South Dakota State University College of Pharmacy

### ACCP Outstanding Student Chapter Award Announced

The Outstanding Student Chapter 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 chapter's activities 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. Please join ACCP in congratulating this year's Outstanding Student Chapter Award-winning institution, University of Texas at Austin College of Pharmacy. ACCP President Marcia Buck will present the officers representing the University of Texas-Austin with their Outstanding Chapter plaque and \$1000 award during the Student Chapter Forum session on Saturday, October 7, during the Annual Meeting in Phoenix.

### **ACCP Clinical Research Challenge—Winning Teams to Present Posters at Annual Meeting**

Competition in the 2017 ACCP Clinical Research Challenge (CRC) began February 3 with 82 teams vying for a spot in round 2: Letter of Intent (LOI) Submission. Teams achieving the top 40 scores after the initial online Journal Club Round submitted an LOI. Teams achieving the top 20 scores after round 2 were invited to compete in round 3: Research Protocol Development, in which teams were tasked with developing a research proposal designed to demonstrate the value of clinical pharmacy service(s) in transitions of care.

The proposals were reviewed by the CRC Review Panel, with the top one-third of submissions referred on for evaluation and selection of awards by the CRC Oversight Panel. Please join ACCP in congratulating the finalist teams and the award winners.

### **ACCP Clinical Research Challenge Finalist Teams**

Cedarville University School of Pharmacy  
Keck Graduate Institute  
Oregon State University College of Pharmacy  
Thomas Jefferson University Jefferson College of Pharmacy  
University of California, San Diego Skaggs School of Pharmacy  
University of Texas at Austin College of Pharmacy  
University of Washington School of Pharmacy  
Western University of Health Sciences College of Pharmacy

### **ACCP Clinical Research Challenge Awards**

#### **Championship Team: Keck Graduate Institute School of Pharmacy**

Proposal Title: Innovative Hospital Discharge Antibiotic Stewardship Program for Patients with Moderate to Severe Community-Acquired Pneumonia  
Student Team Members: Russell Benson, Adrienne

Desens, Keith Suehiro  
Faculty Liaison: Christine Cadiz, Pharm.D.

#### **Second-Place Team: University of Washington School of Pharmacy**

Proposal Title: The Impact of Diuresis Optimization by TOC Pharmacists in Heart Failure Patients Following Hospitalization due to Exacerbation  
Student Team Members: Jennifer Chou, Anna Liu, Sara McCrhan  
Faculty Liaison: Lingtak-Neander Chan, Pharm.D., BCNSP

#### **Third-Place Team: Oregon State University College of Pharmacy**

Proposal Title: Improving TOC Outcomes for Elderly Patients Through a Pharmacy-Student Directed Intervention  
Student Team Members: Evan Hoffart, Ian Jungers, Michael Liebman  
Faculty Liaison: Adriane Irwin, Pharm.D.

These three teams have been invited to present their research design during the Scientific Poster Sessions at the 2017 ACCP Annual Meeting in Phoenix. Please stop by to view their proposal designs and meet the winning teams. All Scientific Poster Sessions will be held at Phoenix Convention Center West Building 300 Level: West Ballrooms 301 B–D. The following teams will be present at the session times below.

### **Scientific Poster Presentations, I**

#### **Saturday, October 7; 11:30 a.m. – 1:30 p.m.**

- Keck Graduate Institute School of Pharmacy
- Oregon State University College of Pharmacy
- University of Washington School of Pharmacy

### **Scientific Poster Presentations, II**

#### **Monday, October 9; 11:30 a.m. – 1:30 p.m.**

- Keck Graduate Institute School of Pharmacy
- Oregon State University College of Pharmacy
- University of Washington School of Pharmacy

## POST-GRADUATE TRAINEE

### Residents, Fellows, and Graduate Students

The resident, fellow, and graduate student monthly electronic newsletter highlights membership benefits, important dates, residency programs, individual PRNs, and answers to postgraduate trainee questions. You can preview the newsletter at [www.accp.com/resfel/newsletter.aspx](http://www.accp.com/resfel/newsletter.aspx).

Postgraduate trainees continue to increase their presence on social media through #ACCPpostgrads.

The ACCP Mentoring Program allows all postgraduate trainee members of ACCP to search for and select a mentor from the database of ACCP volunteer members. Once trainees have selected a mentor, they are encouraged to correspond with their mentor at least monthly throughout their training year. ACCP supports mentors and mentees with monthly e-mails of potential topics

for discussion. Opportunities and resources offered by ACCP are also included in the monthly correspondence. Fifty-one mentor-mentee matches were made through the 2016–2017 program. The 2017–2018 program is currently open to residents and fellows seeking a mentor.

ACCP will continue to meet resident- and fellow-specific needs through educational programming at the 2017 Annual Meeting. In addition, new practitioner positions have been added to the Professional Placement Forum (previously known as the Resident and Fellowship Forum) to allow trainees to get a head start on their job search.

The 2018 Resident Advisory Committee has been appointed. The committee will be chaired by Brandon Martinez and co-chaired by Allison Boyd. Members-at-large serving on the committee include Lillian Bellfi, Shubha Bhat, Ian Hatlee, Maya Holsen, Cora Housley, Mika Jankowski, Jordan Kelley, Brian Kurish, Marina Maes, Taylor Morrisette, Thomas Szymanski, and Paria Sanaty Zadeh.

## PRN MEMBERSHIP TOTALS

Ambulatory Care PRN (AMBU)	2254
Adult Medicine PRN (AMED)	1215
Cardiology PRN (CARD)	480
Central Nervous System PRN (CNSY)	1340
Clinical Administration PRN (CADM)	251
Critical Care PRN (CRIT)	2289
Drug Information PRN (DINF)	331
Education and Training PRN (EDTR)	610
Emergency Medicine PRN (EMED)	1026
Endocrine and Metabolism PRN (ENDO)	322
Geriatrics PRN (GERI)	388
GI/Liver/Nutrition PRN (GILN)	220
Global Health PRN (GLBL)	187
Health Outcomes PRN (OCEC)	268
Hematology/Oncology PRN (HMON)	914
HIV PRN (HIV)	549
Immunology/Transplantation PRN (IMTR)	345
Infectious Diseases PRN (INFD)	2264
Nephrology PRN (NEPH)	208
Pain and Palliative Care PRN (PAIN)	206
Pediatrics PRN (PEDI)	356
Perioperative Care PRN (PERI)	1053
Pharmaceutical Industry PRN (INDU)	110
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN (PKPD)	336
Women's Health PRN (WOMN)	277
<b>TOTAL:</b>	<b>17,799</b>

## PRN CONTACTS

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

PNR TITLE	PNR CONTACT
Adult Medicine	<a href="#"><u>Sarah L. Anderson, Pharm.D., BCPS</u></a>
Ambulatory Care	<a href="#"><u>Daniel M. Riche, Pharm.D., BCPS, CDE</u></a>
Cardiology	<a href="#"><u>Toni L. Ripley, Pharm.D., FCCP, BCPS</u></a>
Central Nervous System	<a href="#"><u>Jeffrey Bishop, Pharm.D., M.S., BCPP</u></a>
Clinical Administration	<a href="#"><u>Angela B. Smith, Pharm.D., BCPS, MHA</u></a>
Critical Care	<a href="#"><u>Pamela L. Smithburger, Pharm.D., M.S., BCPS</u></a>
Drug Information	<a href="#"><u>Dianne W. Ma, Pharm.D., BCPS</u></a>
Education and Training	<a href="#"><u>Joshua Caballero, Pharm.D., BCPP</u></a>
Emergency Medicine	<a href="#"><u>Asad Patanwala, Pharm.D., BCPS</u></a>
Endocrine and Metabolism	<a href="#"><u>Amy Calabrese Donihi, Pharm.D., BCPS</u></a>
Geriatrics	<a href="#"><u>Amber N. McLendon, Pharm.D., BCPS</u></a>
GI/Liver/Nutrition	<a href="#"><u>Michael A. Smith, Pharm.D., BCPS</u></a>
Global Health	<a href="#"><u>Renee M. Holder, Pharm.D.</u></a>
Health Outcomes	<a href="#"><u>Karen Smith, RPh, Ph.D.</u></a>
Hematology/Oncology	<a href="#"><u>David L. DeRemer, Pharm.D., BCOP</u></a>
HIV	<a href="#"><u>Melissa Badowski, Pharm.D.</u></a>
Immunology/Transplantation	<a href="#"><u>Christopher R. Ensor, Pharm.D., BCPS</u></a>
Infectious Diseases	<a href="#"><u>Christopher M. Bland, Pharm.D., FIDSA, BCPS</u></a>
Nephrology	<a href="#"><u>Mary Vila, Pharm.D.</u></a>
Pain and Palliative Care	<a href="#"><u>Jane E. Pawasauskas, Pharm.D., BCPS</u></a>
Pediatrics	<a href="#"><u>Christina Cox, Pharm.D.</u></a>
Perioperative Care	<a href="#"><u>Stacey Bortlik (Moultrie), Pharm.D.</u></a>
Pharmaceutical Industry	<a href="#"><u>David R. Luke, Pharm.D., BScPharm, FCCP</u></a>
Pharmacokinetics/Pharmacodynamics/Pharmacogenetics	<a href="#"><u>Keith A. Moore, Pharm.D., BCPS</u></a>
Women's Health	<a href="#"><u>Brooke L. Griffin, Pharm.D.</u></a>