

PRESIDENT'S COLUMN

Connections



**Jimmi Hatton Kolpek, Pharm.D.,
FCCP, FCCM, FNAP**

We are hardwired to connect with others, it's what gives purpose and meaning to our lives, and without it there is suffering.

– Brené Brown

(<https://www.goodreads.com/quotes/8955590-connection-is-why-we-re-here-we-are-hardwired-to-connect>)

As we look forward to another virtual ACCP Annual Meeting, our hopes unite as we seek to again connect remotely with colleagues – something we didn't anticipate when we last gathered face-to-face at the 2019 Annual Meeting in New York. What a powerful meeting we had during our 40th Anniversary celebration! Many of our founding members and early ACCP leaders joined us to share stories of ACCP's legacy, inspiring each of us to continue building on those courageous values. During PRN meetings, histories were displayed and esteemed colleagues attended, reaching out to encourage and motivate us as we renewed our aspirations to be the next generation of change-leaders in clinical pharmacy. I am so thankful I was able to be part of "New York, New York" and ACCP!

Fast forward to 2021... Despite the pause and challenges we experienced after the 40th Anniversary meeting, our members have worked tirelessly, showing courage in leadership. Examples show commitment to overcoming COVID misinformation and vaccine hesitancy and provision of front-line outreach to meet the demands of caring for patients and survivors. Members of every PRN have stepped up in some manner during the pandemic, with many continuing to face persistent issues in their communities. The gravity of this public health crisis reminds us how closely we are connected – not only

professionally, but also as human beings – throughout the world.

Author and motivational speaker Brené Brown has described connection as the "energy that exists between people when they feel seen, heard, and valued; when they can give and receive without judgment; and when they derive sustenance and strength from the relationship" (https://www.goodreads.com/author/quotes/162578.Bren_Brown). Throughout this pandemic, we have learned there may be no virtual substitute for genuine connection, but we've successfully carried on, nonetheless. The stark contrast between PRN encounters, business meetings, and other communication in 2019 and 2020 could not be more vivid. We know that human connection matters during our professional meetings – but we've also learned to adapt to the virtual environment!

When we meet again face to face, *and we will eventually do so*, our PRN members and leaders will have an opportunity to further establish a sense of community and belonging for attendees, especially those who are new to ACCP. The uplifting and invigorating emotions experienced by each of us during past meetings can motivate us to make new connections and pass along a sense of welcome, value, and belonging to each attendee, even in virtual settings. In 2020–2021, despite working in an all-virtual environment, ACCP members successfully launched the Health Equity PRN and initiated the formation of a Community-Based PRN! These groups will bring new insights and dimension to ACCP's programs, nominations, and leadership. Albeit via Zoom or other videoconferencing platforms, our upcoming annual meeting interactions will include many opportunities to engage in meaningful conversations, welcome new members, and share diverse perspectives.

The ACCP Board of Regents is committed to creating an inclusive home for all who wish to participate in ACCP. Ironically, the virtual environment provides some enhanced opportunities to pursue this goal, particularly for individuals unable to regularly attend ACCP's face-to-face meetings. Our shared values and strategic initiatives establish a common ground for creating connections across different ages, abilities, races, ethnicities, gender

identities, religions, practice sites, research interests, and educational programs. We are a membership of clinical practitioners and researchers bridging acute care, ambulatory care, community care, academia, and industry. Our reach, collectively, touches patients from all walks of life and socioeconomic circumstances. Building relationships through connections increases opportunities to understand how unconscious bias may affect our communications with colleagues and patients. Let's join together and demonstrate our willingness to invest in touching the lives of others whose life and professional experiences differ from our own so that we can broaden our scope of influence across future generations of clinical pharmacists. "Be the One" – in both face-to-face and virtual settings!

2021–2022 PRN OFFICERS

The votes are in, and the future leaders of ACCP's Practice and Research Networks (PRNs) have been elected. Please extend your congratulations to both the newly elected officers and those who will continue to serve their respective PRNs in the coming year.

Adult Medicine

- **Chair:** Jon P. Wietholter
- **Chair-Elect:** Rachel W. Flurie
- **Secretary/Treasurer:** Nicole L. Metzger

Ambulatory Care

- **Chair:** Christie Schumacher
- **Chair-Elect:** Ann Philbrick
- **Secretary:** Michelle Balli
- **Treasurer:** Maria Thurston

Cardiology

- **Chair:** Andrew J. Smith
- **Chair-Elect:** Kate P. Cabral
- **Secretary/Treasurer:** Stormi Gale

Central Nervous System

- **Chair:** McKenzie Shenk
- **Chair-Elect:** Adam D. Gummersheimer
- **Secretary/Treasurer:** Brittany Parmentier

Clinical Administration

- **Chair:** Richard J. Artymowicz
- **Chair-Elect:** Nitish Bangalore
- **Secretary/Treasurer:** Adriane N. Irwin

Community-Based*

- **Chair:** Margie E. Snyder

Critical Care

- **Chair:** Leslie A. Hamilton

- **Chair-Elect:** Mojdeh Heavner
- **Secretary/Treasurer:** Susan E. Smith

Drug Information

- **Chair:** Jamie N. Brown
- **Chair-Elect:** Dan Majerczyk
- **Secretary/Treasurer:** Miki Goldwire

Education and Training

- **Chair:** Meredith Howard
- **Chair-Elect:** Ashley Higbea
- **Secretary/Treasurer:** Alex N. Isaacs

Emergency Medicine

- **Chair:** Elise Metts
- **Chair-Elect:** Andrew Smith
- **Secretary/Treasurer:** Lance Ray

Endocrine and Metabolism

- **Chair:** Nathan Painter
- **Chair-Elect:** Sara (Mandy) Reece
- **Secretary/Treasurer:** Megan E. Wesling

Geriatrics

- **Chair:** Stephanie M. Crist
- **Chair-Elect:** Elsen C. Jacob
- **Secretary/Treasurer:** Les Covington

GI/Liver/Nutrition

- **Chair:** Kelsey Rife
- **Chair-Elect:** Shubha Bhat
- **Secretary/Treasurer:** Courtney Wood

Global Health

- **Chair:** Ellen Schellhase
- **Chair-Elect:** Lauren Jonkman
- **Secretary/Treasurer:** Emily Flores

Health Equity

- **Chair:** Jacinda Abdul-Mutakabbir
- **Chair-Elect:** Rena A. Gosser
- **Immediate Past Chair:** John M. Allen
- **Secretary/Treasurer:** Tam Phan

Health Outcomes

- **Chair:** Aubrey Jones
- **Chair-Elect:** Mike Gionfriddo
- **Secretary/Treasurer:** Omolola (Lola) Adeoye-Olatunde

Hematology/Oncology

- **Chair:** Donald C. Moore
- **Chair-Elect:** Erin Hickey
- **Secretary/Treasurer:** Farah Raheem

HIV

- **Chair:** Sarah Michienzi
- **Chair-Elect:** Daniel B. Chastain
- **Secretary/Treasurer:** Marisa Brizzi

Immunology/Transplantation

- **Chair:** Amanda Condon
- **Chair-Elect:** Daniel Felix
- **Secretary/Treasurer:** Elizabeth Cohen
- **Members-at-Large:** Karen Khalil; Christina Ruggia-Check
- **Trainee Officer:** Aoife Iaria

Infectious Diseases

- **Chair:** Brandon Dionne
- **Chair-Elect:** Krutika Mediwala Hornback
- **Secretary/Treasurer:** Wes Kufel

Nephrology

- **Chair:** Soo Min Jang
- **Chair-Elect:** Branden Nemecek

Pain and Palliative Care

- **Chair:** Amanda Engle
- **Chair-Elect:** Jacqueline H. Cleary
- **Secretary/Treasurer:** Amanda McFee Winans

Pediatrics

- **Chair:** Titilola M. Afolabi
- **Chair-Elect:** Elizabeth Beckman
- **Secretary/Treasurer:** Mike Raschka

Perioperative Care

- **Chair:** Laura Means Ebbitt
- **Chair-Elect:** William R. Vincent
- **Secretary:** Allie Webb
- **Treasurer:** Xi Liu-DeRyke

Pharmaceutical Industry

- **Chair:** Marco Martino
- **Chair-Elect:** Phuong “Sophie” Le
- **Secretary/Treasurer:** Aaron Mertens

Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics

- **Chair:** D. Max Smith
- **Chair-Elect:** Teresa T. Ho
- **Secretary/Treasurer:** Jacob T. Brown

Pulmonary

- **Chair:** Jean Moon
- **Chair-Elect:** Melissa Santibañez
- **Secretary/Treasurer:** Paul M. Boylan

Women’s Health

- **Chair:** Lauren Leader
- **Chair-Elect:** Jaini Patel
- **Secretary/Treasurer:** Sarah Lowry
- **Public Policy Liaison:** Regina Arellano

*The newly established Community-Based PRN will conduct an election later this fall.

2021 ACCP Annual Meeting Offers Virtual and On-Demand Components

REGISTER NOW <



DIVERSITY, EQUITY, AND INCLUSION PROGRAMMING AT THE 2021 VIRTUAL ACCP MEMBER MEETING

The College invites you to attend the 2021 Virtual ACCP Member Meeting. This exclusive event is free to ACCP members and is designed to provide education, inspiration, and an opportunity to come together as an organization. One focus of the 2021 Virtual ACCP Member Meeting is transparent communication related to diversity, equity, and inclusion (DEI) in ACCP. With the goal of creating opportunities for professional development and important, difficult conversations, the meeting will include two DEI-focused sessions. Please join us as ACCP continues its transformative work to ensure that our actions align with our [commitment to DEI](#).

The keynote presentation, "Creating an Inclusive Organization," on Saturday, October 16, at 10:00 a.m. will focus on the importance of DEI within a professional organization and will include practical examples of how each of us can be part of the solution by embodying inclusion every day. Mona Ameli, of Ameli Global Partnerships and a DEI expert, will share her personal journey and encourage each of us on our own.

On Saturday at 3:15 p.m., Ameli will join Dr. Amie Brooks, ACCP's director of strategic initiatives, to facilitate "Insights from the ACCP DEI Assessment: How to Embody Inclusive Leadership." Brooks will summarize DEI assessment results, and Ameli will describe how to tackle the key "blockers" of inclusion: unconscious bias and microaggressions. This is an opportunity to learn more about the status of ACCP's DEI efforts and to deepen our understanding and application of inclusive leadership principles. Creating an inclusive organization takes every one of us. We hope you will join us.

Several sessions included in the ACCP Annual Meeting On Demand will also focus on DEI and health equity. These sessions include:

- "Women's Health PRN Focus Session – Social Determinants of Health That Impact Women: Addressing Disparities and Increasing Awareness," to be released October 27, 2021;
- "Geriatrics PRN and Women's Health PRN Focus Session – Aging Equitably: Gender Disparities, Ageism, and the Digital Divide in the Health Care Delivery of Older Adults," to be released November 3, 2021;
- "Nephrology PRN Focus Session – The Intersection of Race, eGFR, and Medication-Related Issues: Implications for Pharmacy," to be released November 3, 2021;
- "To Healthy People 2030 and Beyond! A Case-Based Discussion of Health Equity and Addressing Social Determinants of Health," to be released November 10, 2021; and

- "The Pharmacy World of the Future Starts Today," to be released November 17, 2021.

There's still time to register for the 2021 Virtual ACCP Member Meeting, ACCP Annual Meeting On Demand, and other elements that comprise the 2021 ACCP Annual Meeting. Visit www.accp.com/am to create your custom registration today.

ACCP VIRTUAL RECRUITMENT EVENTS

Designed to connect clinical pharmacy candidates with postgraduate programs and practitioner/faculty positions, the 2021 ACCP Professional Placement Forum (PPF) will take place virtually in October and November. This early, economical, streamlined, live event will allow recruiters and candidates an opportunity to get a head start on making meaningful connections. New in 2021 – postgraduate training program PPF registration will include two components for one low registration fee. (1) The Residency and Fellowship Showcase on Friday, October 29, will allow candidates and programs to connect in an informal, open session; and (2) the Professional Placement Meetings on Thursday, November 11, and Friday, November 12, will allow more formal, scheduled meetings (by invitation only).

Administrators and search committee chairs recruiting for practitioner/faculty positions with an active ACCP Career Center position listing will receive a complimentary table and timeslot in the PPF (while available) to conduct scheduled meetings (by invitation only).

Candidate participation is free. All registered recruiters will receive access to a database of registered candidates and an easy scheduling tool for PPF meetings. [Learn more and register](#) for the 2021 Professional Placement Forum.

PRNS TO PRESENT EDUCATIONAL FOCUS SESSIONS AT 2021 ACCP ANNUAL MEETING ON DEMAND

ACCP's PRNs consistently deliver high-quality educational activities each year. This tradition of excellence will continue during the 2021 ACCP Annual Meeting On Demand. Sessions will be recorded and released for on-demand access over a 4-week period from Wednesday, October 27, through Wednesday, November 17. The schedule and topics for all PRN focus sessions follow.

Wednesday, October 27:

- Ambulatory Care PRN Focus Session – Hitting the Highlights from Heart to Toe: Updates in Heart Failure, Osteoporosis, Asthma, and Gout
- Drug Information PRN Focus Session – Keep the Change: Developing Clinical Resilience in the Setting of Adversity and Innovation
- Education and Training PRN Focus Session

- Engaging Learners in the Didactic Setting: The Great Debate of Does Attendance Matter?
- GI/Liver/Nutrition PRN and Pain and Palliative Care PRN Focus Session – A Pain in the Gut: Pain Management in Gastrointestinal Disorders
- Pharmacokinetics/Pharmacodynamics/ Pharmacogenetics PRN Focus Session – From Bench to Bedside: Emerging Precision Medicine Strategies in the Clinic
- Women’s Health PRN Focus Session – Social Determinants of Health That Impact Women: Addressing Disparities and Increasing Awareness

Wednesday, November 3:

- Central Nervous System PRN Focus Session – Psychiatric Destabilization and Increased Substance Use Amid COVID-19
- Critical Care PRN Focus Session – A Breath of Fresh Air: Clearing the Controversies in ARDS Management
- Endocrine and Metabolism PRN Focus Session – Utilizing Continuous Glucose Monitor Data and Adjusting Insulin Pumps to Improve Diabetes Management
- Geriatrics PRN and Women’s Health PRN Focus Session – Aging Equitably: Gender Disparities, Ageism, and the Digital Divide in the Health Care Delivery of Older Adults
- Hematology/Oncology PRN Focus Session – Management of Bleeding Disorders: A Focus on Factor Stewardship
- Nephrology PRN Focus Session – The Intersection of Race, eGFR, and Medication-Related Issues: Implications for Pharmacy
- Perioperative Care PRN and Pain and Palliative Care PRN Focus Session – Lights, Camera, Action: A Script for Illuminating Medication Use Evaluations in the Perioperative Area

Wednesday, November 10:

- Adult Medicine PRN Focus Session – Persistence in the Face of Resistance: Antibiotic Treatment Updates for the Adult Medicine Practitioner
- Clinical Administration PRN Focus Session – Leveraging Pharmacy Information Technology: IT for the Little Guy AND the Big Fish
- Emergency Medicine PRN Focus Session – The Highs and Lows of Psychiatric Emergencies
- HIV PRN Focus Session – Achieving Rapid and Durable Viral Suppression Across the HIV Care Continuum
- Pediatrics PRN Focus Session – Identical or Fraternal Twins? Biosimilar and Biologic Agents in Pediatrics

- Pulmonary PRN Focus Session – Updates in Asthma Management: A Tale of 2 Guidelines

Wednesday, November 17:

- Cardiology PRN Focus Session – A Cornucopia of Cardiovascular Therapies: Ripe for the Picking or Too Much of a Good Thing?
- Health Outcomes PRN Focus Session – Integrating and Optimizing Patient Involvement in Research
- Immunology/Transplantation PRN Focus Session – One Size Doesn’t Fit All: Transplant Pharmacotherapy Considerations in Special Populations
- Infectious Diseases PRN Focus Session – Double Trouble: Controversies in Combination Therapy for Bacterial Infections
- Pharmaceutical Industry PRN and Infectious Diseases PRN Focus Session – Pandemics 101 and the Vaccines that Eradicate Them

PRNS TO HOST VIRTUAL BUSINESS MEETING AND NETWORKING FORUMS

ACCP PRNs provide a focal point for clinical pharmacists with common interests and needs in practice, research, and education. This year, the PRN business meetings and networking forums will be conducted virtually via Zoom and will be scheduled during the period from Monday, October 18, through Tuesday, November 16. Each PRN’s meeting will be open to all members of the PRN. It is not necessary for members to register either for the 2021 Virtual ACCP Member Meeting or to purchase access to the ACCP Annual Meeting On Demand to participate in a PRN business meeting. PRN members should check each PRN’s email list or webpage for scheduling information.

PRN NEWS BRIEFS

Adult Medicine PRN

Promotions

- **Ryan D’Angelo:** Clinical Coordinator, Thomas Jefferson University Hospital.
- **Julie A. Murphy:** Director of the Office of Undergraduate Research and the Office of Competitive Fellowships, University of Toledo.
- **Sarah Petite:** Associate Professor of Pharmacy Practice (with Tenure), University of Toledo College of Pharmacy and Pharmaceutical Sciences.
- **Susan M. Smith:** Associate Professor of Pharmacy, Wingate University.
- **Taylor Steuber:** Associate Clinical Professor, Auburn University Harrison School of Pharmacy.

Awards

- **Paul Dobesh:** Outstanding Teaching Award, University of Nebraska Medical Center.
- **Eliza Dy-Boarman:** Experiential Education Section Award for Excellence in Experiential Education, American Association of Colleges of Pharmacy.
Rho Chi Faculty Award, Drake University Rho Chi Chapter.
- **Meredith Howard:** 2021 HSC Faculty Achievement Award Finalist, University of North Texas Health Science Center, College of Pharmacy.
- **Melanie M. Manis:** Faculty Preceptor of the Year, Samford University McWhorter School of Pharmacy.
- **Manis MM, Cimino L, Dugan BD, Brown SA, Kyle JA, et al.** Best Poster, Assessing pharmacists' need for insulin pump and continuous glucose monitoring (CGM) education in Alabama. Presented at: Alabama Society of Health-System Pharmacists (ALSHP); 2021 Summer Meeting; Pensacola, FL.
- **Andrew Miesner:** C. Boyd Granberg Professional Leadership Award, Drake University College of Pharmacy & Health Sciences.
- **Ashley Otto:** Assistant Residency Program Director, PGY2 Internal Medicine, Mayo Clinic – Rochester.
- **Taylor Steuber:** Auburn University Research Excellence Award.
- **Alexandra W. Tatara:** Stanley Wyman Award, Massachusetts General Hospital Department of Medicine Internal Medicine Residency Program.

Grants

- **Wendy St. Peter:**
Co-investigator, 1R01DK124333-01A1 Immobilized Phosphate Affinity Material for the Treatment of Hyperphosphatemia. NIDDK. Contract Amount: \$343,902. Funded September 2020 – August 2025.
Principal Investigator, Reduce Medication-Related Disparities in African American Patients with Chronic Kidney Disease. Office of Development and Technology, University of Minnesota. Contract Amount: \$37,500. Funded August 2021 – July 2022.
- Wes Lindsey, **Taylor D. Steuber**, Shahariar Mohamed Fahim, Adelia Grabowsky. Drug Effectiveness Review Project: Pharmaceutical Treatments for Transfusion Dependent Beta-Thalassemia Systematic Review. Center for Evidence-Based Policy, Oregon Health and Science University. Contract Amount: \$50,000. Funded March 2021.

Publications

- **Adams KK, Machnicz M, Sobieraj DM.** Initiating buprenorphine to treat opioid use disorder without prerequisite withdrawal: a systematic review. *Addict Sci Clin Pract* 2021;16:36.
- **Adams KK, McManus D, Topal J, et al.** Re-evaluating aztreonam and ceftazidime hypersensitivity: fraternal not identical twins. *J Antimicrob Chemother* 2021 Jun 30. [Epub ahead of print]
- **Shah S, Adams K, Merwede J, et al.** Three is a crowd: clinical outcomes of a twice daily versus a thrice daily metronidazole dosing strategy from a multicenter study. *Anaerobe* 2021 May 6. [Epub ahead of print]
- **White BM, Anderson SL, Marrs JC.** Antihypertensive prescribing patterns and hypertension control in females of childbearing age. *Am J Health Syst Pharm* 2021;78:1317-22.
- **O'Brien K, Badowski M, Bartoo AS, Peppard W, Schwarz K, Sharpe A, Austin Szwak J.** Determining support for and barriers to pharmacist-driven research: results of a national survey. *J Am Coll Clin Pharm.* [In press]
- **Boylan PM, Santibañez M, Lounsbury N, et al.** A nonthrombotic pulmonary embolus caused by polyalkylimide dermal filler: a case report and literature review of medication management. *J Am Pharm Assoc* 2021;61:324-31.
- **Cutshall BT, Tatara AW, Upadhyay N, Adeola M, Putney D, Ruegger M.** Evaluating time to in-hospital venous thromboembolism in obese patients. *J Pharm Pract* 2021;34:190-8.
- **Dobesh PP.** Anticoagulation. In: 2021 Updates in Therapeutics®: Pharmacotherapy Preparatory Review and Recertification Course. Lenexa, KS: American College of Clinical Pharmacy, 2021.
- **Dobesh PP.** Anticoagulation. In: 2021 Cardiology Pharmacy Preparatory Review and Recertification Course. Lenexa, KS: American College of Clinical Pharmacy, 2021.
- **Dobesh PP, Kernan MM, Lueschen JJ.** Direct oral anticoagulants in the treatment of venous thromboembolism: use in patients with advanced renal impairment, obesity, or other weight-related special populations. *Semin Respir Crit Care Med* 2021;42:233-49.
- **Beavers CJ, Efoe SA, Dobesh PP.** Selatogrel: a novel subcutaneous P2Y12 inhibitor. *J Cardiovasc Pharmacol* 2021.
- **Bikdeli B, Talasaz AH, Rashidi F, Bakhshandeh H, Rafiee F, Rezaeifar P, Baghizadeh E, Matin S, Jamalkhani S, Tahamtan O, Sharif-Kashani B, Beigmohammadi MT, Farrokhpour M, Sezavar SH, Payandemehr P, Dabbagh A, Moghadam KG,**

- Khalili H, Yadollahzadeh M, Riahi T, Abedini A, Lookzadeh S, Rahmani H, Zoghi E, Mohammadi K, Sadeghipour P, Abri H, Tabrizi S, Mousavian SM, Shahmirzaei S, Amin A, Mohebbi B, Parhizgar SE, Aliannejad R, Eslami V, Kashefzadeh A, **Dobesh PP**, et al. Intermediate-dose versus standard-dose prophylactic anticoagulation in patients with COVID-19 admitted to the intensive care unit: 90-day results from the INSPIRATION randomized trial. *Thromb Haemost* 2021 Apr 17. [Epub ahead of print]
- Dering-Anderson AM, Mone MA, **Dobesh PP**. When the simulation becomes real. *Am J Pharm Educ* 2021 Jul 22. [Epub ahead of print]
 - Sadeghipour P, Talasaz AH, Rashidi F, Sharif-Kashani B, Beigmohammadi MT, Farrokhpour M, Sezavar SH, Payandemehr P, Dabbagh A, Moghadam KG, Jamalkhani S, Khalili H, Yadollahzadeh M, Riahi T, Rezaeifar P, Tahamtan O, Matin S, Abedini A, Lookzadeh S, Rahmani H, Zoghi E, Mohammadi K, Sadeghipour P, Abri H, Tabrizi S, Mousavian SM, Shahmirzaei S, Bakhshandeh H, Amin A, Rafiee F, Baghizadeh E, Mohebbi B, Parhizgar SE, Aliannejad R, Eslami V, Kashefzadeh A, Kakavand H, Hosseini SH, Shafaghi S, Ghazi SF, Najafi A, Jimenez D, Gupta A, Madhavan MV, Sethi SS, Parikh SA, Monreal M, Hadavand N, Hajighasemi A, Maleki M, Sadeghian S, Piazza G, Kirtane AJ, Van Tassell BW, **Dobesh PP**, et al. Effect of intermediate-dose vs standard-dose prophylactic anticoagulation on thrombotic events, extracorporeal membrane oxygenation treatment, or mortality among patients with COVID-19 admitted to the intensive care unit: the INSPIRATION randomized clinical trial. *JAMA* 2021;325:1620-30.
 - **Dy-Boarman EA**, Bryant GA, Herring MS. Faculty preceptors' strategies for teaching clinical reasoning skills in the advanced pharmacy practice experience (APPE) setting. *Curr Pharm Teach Learn* 2021;13:623-7.
 - Bryant GA, **Dy-Boarman EA**, Herring MS, et al. Use of a script concordance test to evaluate the impact of a targeted educational strategy on clinical reasoning in advanced pharmacy practice experiential students. *Curr Pharm Teach Learn* 2021;13:1024-31.
 - Skrupky LP, **Dy-Boarman EA**, Gurgle HE, Isaacs AI, McCreary EK, **Nisly SA**, et al. Letters of reference for PGY1 pharmacy residency candidates: a survey of residency program directors and opinion statement. *J Am Coll Clin Pharm* 2021;4:379-89.
 - **Froomkin J**, Knoebel RW, Dickerson D, Soni H, **Szwak J**. Impact of ketamine in the management of painful sickle cell disease vaso-occlusive crisis. *Hosp Pharm* 2021 Mar 6. [Epub ahead of print]
 - **Gibson CM**. Chronic care in cardiology. In: 2021 Updates in Therapeutics®: Pharmacotherapy Preparatory Review and Recertification Course. Lenexa, KS: American College of Clinical Pharmacy, 2021.
 - Garcia B, **Gonzalez J**, Chaudhry S. Clinical outcomes for telavancin for salvage therapy in methicillin-resistant *Staphylococcus aureus* bacteremia: a case series. *Infect Dis Clin Pract*. [In press]
 - **Howard ML**, Atanda A, Gaviola ML. A multi-pronged approach to teaching end-of-life care to student pharmacists. *J Am Coll Clin Pharm* 2021;4:498-506.
 - Deville R, Fellers CM, **Howard ML**. Lessons learned pivoting to a virtual OSCE: pharmacy faculty and student perspectives. *Curr Pharm Teach Learn* 2021 Jun 20. [Epub ahead of print]
 - **Kinney EM**, Vijapurapu S, Covvey JR, **Nemecsek BD**. Clinical outcomes of concomitant rifamycin and opioid therapy: a systematic review. *Pharmacotherapy* 2021;41:479-89.
 - **Manis MM**, Cummins L, **Kyle JA**, et al. Successful use of apixaban for Paget-Schroetter syndrome in a pediatric patient. *J Pediatr Pharmacol Ther* 2021;26:508-11.
 - Cornelison P, **Marrs JC**, **Anderson SL**. Clinical pharmacist outreach to increase statin use for patients with cardiovascular disease in a safety-net healthcare system. *Am Health Drug Benefits* 2021;14:63-9.
 - Nardolillo JA, **Marrs JC**, **Anderson SL**, et al. Retrospective cohort study of statin prescribing for primary prevention among people living with HIV. *JRSM Cardiovasc Dis* 2021;10:20480040211031068.
 - Butler JA, Kassel L, **Miesner AR**, Grady SE, **Wall GC**. Incidence of a negative hidden curriculum, cynicism, and burnout within pharmacy resident education: a nationwide survey. *Curr Pharm Teach Learn* 2021;13:922-7.
 - **Mihm AE**, **Eudaley ST**, **Szwak J**, et al. Preparing for post-graduate year one pharmacy residency interviews: a focus on clinical knowledge and problem-solving assessments. *Am J Health Syst Pharm* 2021 May 29. [Epub ahead of print]
 - **Moore DC**, Thompson D. A review of the Bruton tyrosine kinase inhibitors in B-cell malignancies. *J Adv Pract Oncol* 2021;21:439-47.
 - Arnall JR, Tran T, Elmes J, Downing L, DiSogra K, **Moore DC**. Comparative utilization and efficacy of thrombopoietin receptor agonists in relapsed/refractory immune thrombocytopenia. *Am J Ther* 2020 Jan 8. [Epub ahead of print]
 - Hamadeh IS, **Moore DC**, Martin A, et al. Transition from intravenous to subcutaneous daratumumab

- formulation in clinical practice. *Clin Lymphoma Myeloma Leuk* 2021;21:470-5.
- Vadehra D, Pallas CR, **Moore D**, et al. Observed survival benefit with limited exposure of durvalumab in unresectable stage III non-small cell lung cancer at a large community-based institution. *J Clin Oncol* 2021;39(suppl 15):e20539.
 - Wooten KM, Arnall JR, Bowser KM, Pennell LJ, Wade-Davis JN, Olin JL, Taylor M, **Moore DC**. Publication rates of hematology/oncology abstracts presented at major pharmacy association meetings. *J Oncol Pharm Pract* 2021 Mar 27. [Epub ahead of print]
 - **Murphy JA**, Curran BM, Gibbons WA III, et al. Adjunctive phenobarbital for alcohol withdrawal syndrome: a focused literature review. *Ann Pharmacother* 2021 Mar 7. [Epub ahead of print]
 - Buck MM, Haddon AM, Paneccasio A, Skoloda DJ, Zimmerman DE, Guarascio AJ, **Nemecek BD**, et al. Safety and efficacy of rivaroxaban and apixaban in patients with increased body mass: a systematic review. *Clin Drug Investig* 2021;41:353-69.
 - Cawoski JR, DeBiasio KA, Donnachie SW, Timanus EA, Zimmerman DE, Guarascio AJ, Montepara CA, Covvey JR, **Nemecek BD**. Safety and efficacy of intravenous hydralazine and labetalol for the treatment of asymptomatic hypertension in hospitalised patients: a systematic review. *Int J Clin Pract* 2021;75:e13991.
 - **Nisly SA**, Guzik B, Cunha A, Sturdivant B, Brennan L, **Sebaaly J**, **Smith S**. Concentrated learning experiences across two different health-systems. *Innov Pharm* 2021;12:10.24926/iip.v12i1.3374.
 - **Nisly SA**, Mihm A, Gillette C, et al. Safety of direct oral anticoagulants in patients with mild to moderate cirrhosis: a systematic review and meta-analysis. *J Thromb Thrombolysis* 2021 Mar 16. [Epub ahead of print]
 - Mihm AE, Hicklin HE, Cunha AL, **Nisly SA**, et al. Direct oral anticoagulants versus warfarin for the treatment of left ventricular thrombosis. *Intern Emerg Med* 2021 Jun 24. [Epub ahead of print]
 - **Otto A**, **Pecora Fulco P**. A retrospective evaluation of highly active antiretroviral therapy simplification in patients with end-stage renal disease receiving hemodialysis. *Int J STD AIDS* 2021;32:963-7.
 - **Otto AO**, Rivera CV, Zeuli JD, et al. Hepatotoxicity of contemporary antiretroviral drugs: a review and evaluation of published clinical data. *Cells* 2021;10:1263.
 - Nguyen SN, **Ruegger MC**, Salazar E, Dreucean D, **Tatara AW**, et al. Evaluation of anti-Xa apixaban and rivaroxaban levels with respect to known doses in relation to major bleeding events. *J Pharm Pract* 2021 Apr 12. [Epub ahead of print]
 - **St. Peter WL**, Aungst TD. Twenty-first century solutions to increase medication optimization and safety in kidney transplant patients (invited editorial). *Clin J Am Soc Nephrol* 2021;16:679-81.
 - Delgado C, Baweja M, Rios Burrows N, Crews DC, Eneanya ND, Gadegbeku CA, Inker LA, Mendu ML, Miller WG, Moxey-Mims MM, Roberts GV, **St. Peter WL**, et al. Reassessing the inclusion of race in diagnosing kidney diseases: an interim report from the NKF-ASN Task Force. *J Am Soc Nephrol* 2021;32:1305-17.
 - Johansen KL, Chertow GM, Foley RN, Gilbertson DT, Herzog CA, Ishani A, Israni AK, Ku E, Tamura MK, Li S, Li S, Liu J, Obrador GT, O'Hare AM, Peng Y, Powe NR, Roetker NS, **St. Peter WL**, et al. US Renal Data System 2020 annual data report: epidemiology of kidney disease in the United States. *Am J Kidney Dis* 2021;77(4 suppl 1):A7-A8.
 - Zhao JZ, Weinhandl ED, Carlson AM, **St. Peter WL**. Glucose-lowering medication use in CKD: analysis of US Medicare beneficiaries between 2007 and 2016. *Kidney Med* 2020;3:173-82.e1.
 - Smith S, **Sebaaly J**, Brennan L, Haltom W, Meade L, **Nisly SA**. Accomplishing CAPE domain 3 during APPE rotations: student perceptions. *J Pharm Pract* 2021. [Epub ahead of print]
 - **Smith SM**. Yarn and thread, blessings ahead. *Christianity and Pharmacy* 2021;24:5-8.
 - **Smith SM**, Sebaaly J, Brennan L, Haltom W, Meade L, **Nisly SA**. Accomplishing CAPE domain 3 during APPE rotations: student perceptions. *J Pharm Pract* 2021 Mar 19. [Epub ahead of print]
 - **Soric MM**. Lost in translation: what residency program directors really want from references. *J Am Coll Clin Pharm* 2021;4:270.
 - Walkerly A, Neugebauer RE, Misko B, Shively D, Singh S, Chahda B, Dhanireddy S, King K, Lloyd M, Fosnight S, Costello M, Palladino C, **Soric MM**. Prevalence, predictors, and trends of opioid prescribing for lower back pain in United States emergency departments. *J Clin Pharm Ther* 2021;46:698-704.
 - Hall RK, Morton S, Wilson J, Ephraim P, Boulware L, **St. Peter W**, et al. Risks associated with continuation of potentially inappropriate antihypertensive medications in older adults receiving hemodialysis. *BMC Nephrol* 2021;22:232.
 - **Steuber TD**, Andrus MR, Wright BM, et al. Effect of interprofessional clinical debates on attitudes of interprofessional teams. *PRiMER* 2021;5:14.
 - Nixon CG, **Steuber TD**. You cannot always warfarin: a case of significant INR fluctuation with brand to generic conversion of warfarin. *Eur J Med Case Rep* 2021;5:106-8.

- Thiriveedi M, **Steuber TD**, Hasan M, et al. Infliximab-induced lupus causing pericarditis: a case report and review of the literature. *J Gen Intern Med* 2021;36:2134-8.
- Williams B, Muklewicz J, **Steuber TD**, et al. Comparison of inpatient standard-of-care to outpatient oritavancin therapy for patients with acute uncomplicated cellulitis. *J Pharm Pract* 2021 Jun 3. [Epub ahead of print]
- Cabri A, Barsegyan N, Postelnick M, Nguyen V, **Szwak J**, et al. Pharmacist intervention on prescribing errors: development of a standardized approach in the inpatient setting. *Am J Health Syst Pharm* 2021 Jul 20.
- Cheung F, Doherty S, **Tatara A**. Ketamine in refractory cyclic vomiting syndrome: a case report and review of the literature. *J Pharm Pract* 2021 Apr 5. [Epub ahead of print]
- Yun S, Sevinsky R, Spracklin T, **Tatara A**, et al. Characterization of apixaban bleeding rates correlated with dosing in patients with chronic kidney disease. *Proc (Bayl Univ Med Cent)* 2021 Jun 4. [Epub ahead of print]
- **Van Prooyen AM**, Hicks JL, Lin E, et al. Evaluation of an inpatient pharmacy consult on discharge medications in bariatric surgery patients. *J Pharm Pract* 2021 Jul 6. [Epub ahead of print]
- **White B**, Snyder HS, Patel MVB. Evaluation of medications used for hospitalized patients with sleep disturbances: a frequency analysis and literature review. *J Pharm Pract* 2021 Jun 7. [Epub ahead of print]
- **Wietholter JP**, Sizemore J, Piechowski K. Crushing of deutetrabenazine tablets limited to individual case. *Am J Health Syst Pharm* 2021 Mar 25. [Epub ahead of print]

Other Notable Achievements

- **Sarah L. Anderson**: Started a new job as a Scientific Director, Clinical Care Options.
- **Caitlin Gibson**: Started a new job as Associate Professor, Virginia Commonwealth University School of Pharmacy.
- **Sarah Nisly**: Earned an M.Ed. degree with a focus in Measurement, Evaluation, Statistics, & Assessment, University of Illinois at Chicago.

Ambulatory Care PRN

Promotions

- **Jonathan Hughes**: Pharmacy Supervisor, Ascension Medical Group Tennessee.
- **Celia Lu**: Associate Professor, Industry Professional at St. John's University College of Pharmacy & Health Sciences.

- **Linda Sobeski**: Clinical Associate Professor, University of Nebraska Medical Center College of Pharmacy.
- **Rebecca Stauffer**: Associate Professor, University of Health Sciences & Pharmacy in St. Louis.

Awards

- **Jonathan Hughes**: Distinguished Young Pharmacist of the Year, Tennessee Pharmacists Association.
- **Kimmy Nguyen**: Outstanding Volunteer Healthcare Provider, Volunteers in Medicine in Wilkes-Barre, Pennsylvania. Wilkes Diversity Faculty Award, Wilkes University Center for Global Education and Diversity.
- **Anjoli Punjabi**: 2021 Women's TRUST Leadership Award, Women's Health Leadership TRUST.
- **Maria Miller Thurston**: Committee Chair of the Year, Georgia Society of Health-System Pharmacists. Outstanding Preceptor Award, Georgia Society of Health-System Pharmacists. Top 25 Reviewer for 2020, *American Journal of Pharmacy Education*. Award for Scholarship in Continuing Professional Development, American Association of Colleges of Pharmacy, Continuing Professional Development Section. Excellence in Service Award, Mercer University College of Pharmacy.
- **Liz Van Dril**: 2020–2021 PhLAMES Faculty Mentor of the Year, University of Illinois at Chicago College of Pharmacy.

Grants

- **Robert Hutchison**: 2021 Presidential Clinical Research Partnership (PCRP) Grant. Breaking the Cycle: Feasibility of Telehealth and AI-Assisted Treatments for Opioid Use Disorder During and After Release from Jail.
- **Devada Singh-Franco**: Department of Health and Human Services Substance Abuse and Mental Health Services Administration (SAMHSA) Expansion of Practitioner Education Grant. Interprofessional Substance Use Disorder Education: Implementation of a Required Program to Improve Knowledge of Entry-Level Doctor of Pharmacy and Medicine Students in a Hispanic-Serving Institution (\$199,445).

Publications

- White BM, **Anderson SL**, Marrs JC. Antihypertensive prescribing patterns and hypertension control in females of childbearing age. *Am J Health Syst Pharm* 2021;78:1317-22.

- Cornelison P, Marrs JC, **Anderson SL**. Clinical pharmacist outreach to increase statin use for patients with cardiovascular disease in a safety-net healthcare system. *Am Health Drug Benefits* 2021;14:63-9.
- Nardolillo JA, Marrs JC, **Anderson SL**, et al. Retrospective cohort study of statin prescribing for primary prevention among people living with HIV. *JRSM Cardiovasc Dis* 2021 Jul 12;10:20480040211031068.
- **Bartelme KM**. Polycystic ovary syndrome. In: Dixon DL, Harris IM, eds. *Ambulatory Care Self-Assessment Program, 2021 Book 2. Women's and Men's Care*. Lenexa, KS: American College of Clinical Pharmacy, 2021:83-108.
- **Chim C**, Lu C, Maidhof W, et al. Outcomes of a college-led community-based influenza vaccine program for underserved New York City communities. *J Am Pharm Assoc (2003)* 2021;61:e316-e323.
- **Haag JD**, Yost KJ, Kosloski Tarpenning KA, et al. Effect of an integrated clinical pharmacist on the drivers of provider burnout in the primary care setting. *J Am Board Fam Med* 2021;34:553-60.
- Daniel B, Shadoan A, Slaughter B, **Hughes J**. Is forced titration of beta-blockers more effective than usual beta-blocker therapy in improving heart failure with reduced ejection fraction outcomes? *Evid Based Pract* 2021;24:21-2.
- Smith M, Beard R, Gray H, **Hughes J**, et al. Is intermittent fasting more effective than daily calorie restriction for weight loss in otherwise healthy overweight adults? *Evid Based Pract* 2021;24:17-8.
- **Hutchison R**, Carhart J, Whalen K, et al. Texas prescription drug monitoring program evolution and outcomes. *Texas J Health Syst Pharm* 2021;20:22-7.
- Mullakary J, Visintainer S, Tucci M, Dionne B, Conley MP, **Reid DJ**, et al. A multicenter retrospective review of antibiotic prescribing patterns for treatment of urinary tract infections in the primary care setting. *J Am Coll Clin Pharm* 2021;4:689-96.
- Misher A, Rosselli J, **Schumacher C**, et al. The role of the diabetes care and education specialist in caring for diabetes complications and common comorbid conditions. *ADCES Pract* 2021;9:30-52.
- Wesling M, **Schumacher C**, Liu J, Kliethermes MA, **Borchert J**. Postgraduate year two ambulatory care residency program evaluation with the tool for assessing ambulatory care pharmacist practice. *J Am Coll Clin Pharm* 2021;4:723-9.
- **Singh-Franco D**, Hale G, Joseph T, et al. Pharmacists' bleed risk tool and treatment preferences prior to initiating anticoagulation in patients with nonvalvular atrial fibrillation: a cross-sectional US survey. *J Clin Outcomes Manag* 2021;28:9-16.
- **Singh-Franco D**, Mastropietro D, Metzner M, et al. Impact of pharmacy-supported interventions on proportion of patients receiving non-indicated acid suppressive therapy upon discharge: a systematic review and meta-analysis. *PLoS One* 2020;15:e0243134.
- **Singh-Franco D**, Moreau C, Levin AD, et al. Efficacy and usability of intranasal glucagon for the management of hypoglycemia in patients with diabetes: a systematic review. *Clin Ther* 2020;42:e177-e208.
- **Sobeski LM**, **Schumacher CA**, Alvarez NA, Anderson KC, Bradley B, Crowe SJ, Merlo JR, Nyame A, Rivera KS, **Shapiro NL**, Spencer DD, **Van Dril E**. ACCP white paper. Medication access: policy and practice opportunities for pharmacists. *J Am Coll Clin Pharm* 2021;4:113-25.
- **Thurston MM**, Hammer D. Wellbeing: a missing component of professionalism? *Am J Pharm Educ*. [In press]
- **Thurston MM**, Lin J. Gout and hyperuricemia. In: Chisholm-Burns MA, Schwinghammer TL, Malone PM, et al., eds. *Pharmacotherapy Principles & Practice*, 6th ed. New York: McGraw-Hill, 2022. [In press]
- Augustine JM, **Thurston MM**, Gates A, et al. Comparing perceptions of student abilities in diabetes self-management education and support among students, faculty and patients. *Curr Pharm Teach Learn* 2021;13:409-16.
- Heo S, Moser DK, Lennie TA, Fischer M, Kim J, Walsh MN, **Thurston MM**, et al. Varied factors associated with different types of self-care in heart failure. *West J Nurs Res* 2021;43:298-306.
- **Van Dril E**, **Schumacher C**. Considerations for best practices related to sodium-glucose cotransporter-2 inhibitors and serum potassium levels. *Am J Health Syst Pharm* 2021;78:1367-8.
- Galanter W, Eguale T, Gellad W, Lambert B, Mirica M, Cashy J, Salazar A, Volk LA, Falck S, Shilka J, **Van Dril E**, **Jarrett J**, et al. Personal formularies of primary care physicians across 4 health care systems. *JAMA Netw Open* 2021;4:e2117038.
- **Westerhof LR**, Dumkow LE, Hanrahan TL, et al. Outcomes of an ambulatory care pharmacist-led antimicrobial stewardship program within a family medicine resident clinic. *Infect Control Hosp Epidemiol* 2021;42:715-21.

Other Notable Achievements

- **Sarah L. Anderson**: Started a new job as Scientific Director, Infectious Diseases with Clinical Care Options.
- **Maria Miller Thurston**: Named Fellow, Georgia Society of Health-System Pharmacists.

Cardiology PRN

Promotions

- **Bassam Atallah:** Senior Pharmacotherapy Specialist, Cleveland Clinic Abu Dhabi.
- **John Bucheit:** Associate Professor, VCU School of Pharmacy.
- **Lindsay Davis:** Professor, Midwestern University College of Pharmacy.
- **Craig Lee:** Professor, UNC Eshelman School of Pharmacy.
- **Karen McConnell:** System Vice President, Pharmacy Enterprise. Chief Pharmacy Officer, Common Spirit Health.
- **Joseph Van Tuyl:** Associate Professor, St. Louis College of Pharmacy at UHSP.

Awards

- **Bryan Cook:** Brigham & Women's Hospital Pharmacy Resident Preceptor of the Year, Class of 2020–2021.
- **Jim Coons:** Rho Chi Society, University of Pittsburgh Outstanding Scholarly Contribution Faculty Award.
- **Lindsay Davis:** Midwestern University College of Pharmacy Faculty Preceptor of the Year, Class of 2021.
- **Paul Dobesh:** University of Nebraska Outstanding Teaching Award.
- **Courtney Montepara:** Duquesne University School of Pharmacy, Professor of the Year.
- **Elizabeth Van Dril:** University of Illinois Chicago College of Pharmacy, PhLAMES Faculty Mentor of the Year, 2020–2021.

Publications

- AlRasheed MM, AlShahrani AH, AlMuhaini SA, AlKofide HA, Alhawassi TM, **Aldemerdash A**, et al. Knowledge, attitude, and practice towards COVID-19 among pharmacists: a cross-sectional study. *Risk Manag Healthc Policy* 2021;14:3079-309.
- Alhabib KF, Al-Rasadi K, Almigbal TH, Batais MA, Al-Zakwani I, Al-Allaf FA, Al-Waili K, Zadjali F, Alghamdi M, Alnouri F, Awan Z, Kinsara AJ, AlQudaimi A, Almahmeed W, Sabbour H, Traina M, **Atallah B**, et al. Familial hypercholesterolemia in the Arabian Gulf region: clinical results of the Gulf FH Registry. *PLoS One* 2021;16:e0251560.
- Mallah SI, Ghorab OK, Al-Salmi S, Abdellatif OS, Tharmaratnam T, Iskandar MA, Sefen JAN, Sidhu P, **Atallah B**, et al. COVID-19: breaking down a global health crisis. *Ann Clin Microbiol Antimicrob* 2021;20:35.
- **Baker WL, Sobieraj DM, DiDomenico RJ.** Influence of digoxin on mortality in patients with

atrial fibrillation: overview of systematic reviews. *Pharmacotherapy* 2021;41:394-404.

- Bascetta T, Bolton L, Kurtzman E, Hantzios W, Standish H, Margarido P, Race K, Spencer J, **Baker WL**, et al. Air medical transport of patients diagnosed with confirmed COVID-19 infection undergoing extracorporeal membrane oxygenation (ECMO): a case review and lessons learned. *Air Med J* 2021;40:130-4.
- **Colvin BM, Coons JC, Beavers CJ.** Guideline-directed heart failure therapy in patients after left ventricular assist device implantation: a review. *VAD J* 2021;7:e2021712.
- Kanaan DM, **Cook BM, Kelly J**, et al. Evaluation of prescribing practices and outcomes using direct-acting oral anticoagulants after cardiac surgery. *Clin Ther* 2021 May 30. [Epub ahead of print]
- **Coons JC**, Crisamore K, Adams S, et al. A pilot study of oral treprostinil pharmacogenomics and treatment persistence in patients with pulmonary arterial hypertension. *Ther Adv Respir Dis* 2021;15:17534666211013688.
- **Coons JC, Verlinden NV.** Medication management during PCI. In: Jackevicius C, Patterson JH, eds. *Cardiology Self-Assessment Program, 2021 Book 1. Atherosclerotic Cardiovascular Disease*. Lenexa, KS: American College of Clinical Pharmacy, 2021:127-59.
- Kakavand H, Aghakouchakzadeh M, **Coons JC, Talasaz AH.** Pharmacologic prevention of myocardial ischemia–reperfusion injury in patients with acute coronary syndrome undergoing percutaneous coronary intervention. *J Cardiovasc Pharmacol* 2021;77:430-49.
- White E, **Coons JC.** Direct oral anticoagulant use in special populations: elderly, obesity, and renal failure. *Curr Cardiol Rep* 2021;23:27.
- **Dobesh PP.** Anticoagulation. In: 2021 Updates in Therapeutics®: Pharmacotherapy Preparatory Review and Recertification Course. Lenexa, KS: American College of Clinical Pharmacy, 2021.
- **Dobesh PP.** Anticoagulation. In: 2021 Cardiology Pharmacy Preparatory Review and Recertification Course. Lenexa, KS: American College of Clinical Pharmacy, 2021.
- **Dobesh PP**, Kernan MM, Lueschen JJ. Direct oral anticoagulants in the treatment of venous thromboembolism: use in patients with advanced renal impairment, obesity, or other weight-related special populations. *Semin Respir Crit Care Med* 2021;42:233-49.
- Beavers CJ, Efoe SA, **Dobesh PP.** Selatogrel: a novel subcutaneous P2Y12 inhibitor. *J Cardiovasc Pharmacol* 2021 Jun 8. [Epub ahead of print]
- Dering-Anderson AM, Mone MA, **Dobesh PP.** When

- the simulation becomes real. *Am J Pharm Educ* 2021 Jul 22. [Epub ahead of print]
- **Rerick L, Elston C, Kester J, Montepara C, Gengler B.** Evaluation of sacubitril/valsartan initiation in outpatient heart failure patients. *J Cardiovasc Pharmacol* 2021;77:343-8.
 - **Fischer K.** COVID-19 and advanced pharmacy practice experiences: a student's takeaway. *J Am Pharm Assoc* 2021;61:366.
 - **Fischer K, Diec S.** Let's Insta-Tweet about it: establishing a social media presence for pharmacy. *J Am Pharm Assoc* 2021 Jun 18. [Epub ahead of print]
 - **Chou E, Boyce RD, Balkan B, Rosko S, Subbian V, Romero A, Hansten P, Horn J, et al.** Designing and evaluating contextualized drug-drug interaction algorithms. *JAMIA Open* 2021;4:ooab023.
 - **Leonard CE, Brensinger CM, Acton EK, Miano TA, Dawwas GK, Horn JR, et al.** Population-based signals of antidepressant drug interactions associated with unintentional traumatic injury. *Clin Pharmacol Ther* 2021;110:409-23.
 - **Shah SN, Seger DL, Fiskio JM, Horn JR, et al.** Comparison of medication alerts from two commercial applications in the USA. *Drug Safety* 2021;44:661-8.
 - **Villa-Zapata L, Carhart B, Horn J, et al.** Serum potassium changes due to concomitant ACEI/ARB and spironolactone therapy: a systematic review and meta-analysis. *Am J Health Syst Pharm* 2021 May 20. [Epub ahead of print]
 - **Jackevicius CA.** Evidence-based medicine in the COVID-19 era. *Can J Hosp Pharm* 2021;74:3-4.
 - **Jackevicius CA, Lu L, Ghaznavi Z, et al.** Bleeding risk of direct oral anticoagulants in patients with heart failure and atrial fibrillation. *Circ Cardiovasc Qual Outcomes* 2021;14:e007230.
 - **Abdel-Qadir H, Singh SM, Pang A, Austin PC, Jackevicius CA, et al.** Evaluation of the risk of stroke without anticoagulant therapy in men and women with atrial fibrillation aged 66 to 74 years without other CHADS2-VASc factors. *JAMA Cardiol* 2021;6:918-25.
 - **Jaiswal A, Gadela NV, Baran DA, Gluck J, Radojevic J, Arora S, Ali A, Hammond J, Jennings DL, Baker WL.** Clinical outcomes of older adults listed for heart transplantation in the United States. *J Am Geriatr Soc* 2021 Jun 8. [Epub ahead of print]
 - **Jennings DL, Gadela NV, Jaiswal A, Touch A, Baker WL.** Pre-transplant amiodarone use does not affect long-term heart transplant survival. *Pharmacotherapy* 2021 May 6. [Epub ahead of print]
 - **Kido K, Bianco C, Caccamo M, et al.** Association of body mass index with clinical outcomes in patients with heart failure with reduced ejection fraction treated with sacubitril/valsartan. *J Cardiovasc Pharmacol Ther* 2021 Jun 17. [Epub ahead of print]
 - **Kido K, Ghaffar YA, Lee JC, et al.** Meta-analysis comparing direct oral anticoagulants versus vitamin K antagonists in patients with left ventricular thrombus. *PLoS One* 2021;16:e0252549.
 - **Kelly J, Malloy R, Knowles D.** Comparison of anti-coagulated versus nonanticoagulated patients with intra-aortic balloon pumps. *Thromb J* 2021;19:46.
 - **Khatri R, Fallon JK, Sykes C, Kulick N, Rementer RJB, Miner TA, Schauer AP, Kashuba ADM, Boggess KA, Brouwer KLR, Smith PC, Lee CR.** Pregnancy-related hormones increase UGT1A1-mediated labetalol metabolism in human hepatocytes. *Front Pharmacol* 2021;12:655320.
 - **Morbiter KA, McLaughlin JE, Devanathan AS, Ozawa S, McClurg MR, Carpenter DM, Lee CR.** How-to guide for overcoming barriers of research and scholarship training in Pharm.D. and pharmacy residency programs. *J Am Coll Clin Pharm* 2021;4:743-53.
 - **Wood B, Lee CR, Mulrenin IR, et al.** Effects of aging on clinical outcomes in patients receiving genotype-guided P2Y12 inhibitor selection after percutaneous coronary intervention. *Pharmacotherapy* 2021 Jul 9. [Epub ahead of print]
 - **Montepara CA, Schoen RR, Guarascio AL, et al.** Health-system implementation of a collaborative core curriculum for advanced pharmacy experiential education during the COVID-19 pandemic. *Am J Health Syst Pharm* 2021;78:890-5.
 - **Montepara CA, Woods AG, Wolfgang KW.** Problem-based learning case studies: delivery of an educational method and perceptions at two schools of pharmacy in Italy. *Curr Pharm Teach Learn* 2021;13:717-22.
 - **Buck MM, Haddon AM, Paneccasio A, Skoloda DJ, Zimmerman DE, Guarascio AJ, Nemecek BD, Covvey JR, Montepara CA.** Safety and efficacy of rivaroxaban and apixaban in patients with increased body mass: a systematic review. *Clin Drug Investig* 2021;41:353-69.
 - **Cawoski JR, DeBiasio KA, Donnachie SW, Timanus EA, Zimmerman DE, Guarascio AJ, Montepara CA, et al.** Safety and efficacy of intravenous hydralazine and labetalol for the treatment of asymptomatic hypertension in hospitalized patients: a systematic review. *Int J Clin Pract* 2021;75:e13991.
 - **Willeford A, Leiman V, Noel ZR.** Impact of a pharmacist-to-dose direct oral anticoagulant protocol at an academic medical center. *J Am Coll Clin Pharm* 2021 Jul 27. [Epub ahead of print]
 - **Muensterman ET, Jaynes HA, Sowinski KM, Overholser BR, Shen C, Kovacs RJ, Tisdale JE.** Transdermal testosterone attenuates drug-induced

lengthening of both early and late ventricular repolarization in older men. *Clin Pharmacol Ther* 2021;109:1499-504.

- **Starr JA**, Mannis M, Stuart MK, et al. A review of direct oral anticoagulants in patients with stage 5 or end-stage kidney disease. *Ann Pharmacother* 2021. [In press]
- **Starr JA**, Pinner NA, Lisenby KM, et al. Impact of SGLT2 inhibitors on cardiovascular outcomes in patients with heart failure with reduced ejection fraction. *Pharmacotherapy* 2021;41:526-36.
- Stuart MK, Blackwell SB, Holder HB, **Starr JA**. Efficacy and safety of non-vitamin K oral anticoagulants following cardiac valve replacement. *South Med J* 2021;114:46-50.
- **Talasaz AH**, Kakavand H, **Van Tassell B**, et al. Cardiovascular complications of COVID-19: pharmacotherapy perspective. *Cardiovasc Drugs Ther* 2021;35:249-59.
- **Talasaz AH**, Sadeghipour P, Kakavand H, Aghakouchakzadeh M, Kordzadeh-Kermani E, **Van Tassell B**, et al. Recent randomized trials of antithrombotic therapy for patients with COVID-19: JACC state-of-the-art review. *J Am Coll Cardiol* 2021;77:1903-21.
- Bickdeli B, **Talasaz AH**, Rashidi F, Bakhshandeh H, Rafiee F, Rezaeifar P, Baghizadeh E, Matin S, Jamalkhani S, Tahamtan O, Sharif-Kashani B, Beigmohammadi MT, Farrokhpour M, Sezavar SH, Payandemehr P, Dabbagh A, Moghadam KG, Khalili H, Yadollahzadeh M, Riahi T, Abedini A, Lookzadeh S, Rahmani H, Zoghi E, Mohammadi K, Sadeghipour P, Abri H, Tabrizi S, Mousavian SM, Shahmirzaei S, Amin A, Mohebbi B, Parhizgar SE, Aliannejad R, Eslami V, Kashefzadeh A, **Dobesh PP**, Kakavand H, Hosseini SH, Shafaghi S, Ghazi SF, Najafi A, Jimenez D, Gupta A, Madhavan MV, Sethi SS, Parikh SA, Monreal M, Hadavand N, Hajighasemi A, Maleki M, Sadeghian S, Piazza G, Kirtane AJ, **Van Tassell BW**, et al. Intermediate-dose versus standard-dose prophylactic anticoagulation in patients with COVID-19 admitted to the intensive care unit: 90-day results from the INSPIRATION randomized trial. *Thromb Haemost* 2021 Apr 17. [Epub ahead of print]
- Mohammadi K, Yaribash S, Alizadeh Sani M, **Talasaz AH**. Efficacy and safety of the fixed-dose versus variable-dose of 4-PCC for vitamin K antagonist reversal: a comprehensive systematic review and meta-analysis. *Cardiovasc Drugs Ther* 2021 Apr 17. [Epub ahead of print]
- Sadeghipour P, **Talasaz AH**, Rashidi F, Sharif-Kashani B, Beigmohammadi MT, Farrokhpour M, Sezavar SH, Payandemehr P, Dabbagh A, Moghadam KG, Jamalkhani S, Khalili H, Yadollahzadeh M, Riahi T, Abedini A, Lookzadeh S, Rahmani H, Zoghi E, Mohammadi K, Sadeghipour P, Abri H, Tabrizi S, Mousavian SM, Shahmirzaei S, Amin A, Mohebbi B, Parhizgar SE, Aliannejad R, Eslami V, Kashefzadeh A, **Dobesh PP**, et al. Effect of intermediate-dose vs standard-dose prophylactic anticoagulation on thrombotic events, extracorporeal membrane oxygenation treatment, or mortality among patients with COVID-19 admitted to the intensive care unit: the INSPIRATION randomized clinical trial. *JAMA* 2021;325:1620-30.
- Carpenter JS, **Tisdale JE**, Chen CX, et al. A Menopause Strategies-Finding Lasting Answers for Symptoms and Health (MsFLASH) investigation of self-reported menopausal palpitation distress. *J Womens Health* 2021;30:533-8.
- Titus-Lay EN, Jaynes HA, Muensterman ET, Walroth TA, Ott CA, Desta Z, Williams G, Moe PR, Wilbrandt M, **Tisdale JE**. Methadone-associated QT interval prolongation in patients undergoing maintenance therapy in an urban opioid treatment program. *Pharmacotherapy* 2021;41:238-46.
- Titus-Lay EN, Jaynes HA, Tomaselli Muensterman E, Ott CA, Walroth TA, Williams G, Moe PR, Wilbrandt M, **Tisdale JE**. Accuracy of a single-lead mobile smartphone electrocardiogram for QT interval measurement in patients undergoing maintenance methadone therapy. *Pharmacotherapy* 2021;41:494-500.
- England BR, Yun H, Chen L, **Vanderbleek JJ**, et al. Influence of multimorbidity on new treatment initiation and achieving target disease activity thresholds in active rheumatoid arthritis: a cohort study using the RISE Registry. *Arthritis Care Res* 2021 Aug 2. [Epub ahead of print]
- **Van Dril E**, **Schumacher C**. Considerations for best practices related to sodium-glucose cotransporter-2 inhibitors and serum potassium levels. *Am J Health Syst Pharm* 2021;78:1367-8.
- Galanter W, Eguale T, Gellad W, Lambert B, Mirica M, Cashy J, Salazar A, Volk LA, Falck S, Shilka J, **Van Dril E**, et al. Personal formularies of primary care physicians across 4 health care systems. *JAMA Netw Open* 2021;4:e2117038.
- Ilges DT, Dermody ML, Blankenship C, Mansfield V, **Van Tuyl JS**. Impact of angiotensin-converting enzyme inhibitors and angiotensin receptor blockers

on renal function in type 1 cardiorenal syndrome. *J Cardiovasc Pharmacol Ther* 2021 Jun 17. [Epub ahead of print]

- Mar P, **Van Tuyl JS**, Lim MJ. Basic surface electrocardiogram interpretation for the pharmacist. *Am J Health Syst Pharm* 2021 Feb 21. [Epub ahead of print]
- **Wiethorn EE, Bell CM, Wiggins BS**. Effectiveness and safety of direct oral anticoagulants in patients with nonvalvular atrial fibrillation and weighing \geq 120 kilograms versus 60 to 120 kilograms. *Am J Cardiovasc Drugs* 2021 Mar 30. [Epub ahead of print]
- Tao DL, Yunga ST, **Williams CD**, et al. Aspirin and antiplatelet treatments in cancer. *Blood* 2021;137:3201-11.

New ACCP Fellows

- **Dustin Spencer**

Other Notable Achievements

- **Bill Baker**: Elected Fellow, Heart Failure Society of America.
- **Kristen Pogue**: Elected Incoming Chair, BPS Cardiology Specialty Council.

Board Certified Cardiology Pharmacists

- Lindsay Davis
- Daniel Galipeau
- Danielle Knowles
- Rachel Lavelle

Central Nervous System PRN

Promotions

- **Ian McGrane**: Associate Professor, University of Montana, Skaggs School of Pharmacy.
- **Chad VanDenBerg**: Director of Clinical Research Services, Midwestern University, Glendale, Arizona.

Awards

- **Ian McGrane**: Distinguished Young Pharmacist of the Year, Montana Pharmacy Association.
- **Alyssa Peckham**: Mass General Brigham Partners in Excellence Award: Advancing Innovation & Progress.

Publications

- **McGrane I**, Lindbloom T, Munjal R. Terbinafine possibly causes inhibitory effects on aripiprazole metabolism: two cases. *Ment Health Clin*. [In press]
- **McGrane I**, Omar F, Morgan N, et al. Lithium therapy in patients on dialysis: a systematic review. *Int J Psychiatry Med* 2021 Jun 26. [Epub ahead of print]
- **McGrane I**, Salyers L, Molinaro J, et al. Roux-en-Y

gastric bypass and antipsychotic therapeutic drug monitoring: two cases. *J Pharm Pract* 2021;34:503-6.

- **McGrane I**, Tenison R, Bimler D, et al. Successful bilateral electroconvulsive therapy in a patient with a seizure disorder taking levetiracetam, lorazepam, and zonisamide: a case report. *Ment Health Clin* 2021;11:23-6.
- Marvanova M, **McGrane I**. Treatment approach and modalities for management of depression in older adults. *Sr Care Pharm* 2021;36:11-21.
- Parks L, **McGrane I**, Hartzel J. A prospective assessment of the Medicaid Web portal for admission medication reconciliation at a community hospital in Montana. *Am J Health Syst Pharm* 2021 Mar 21. [Epub ahead of print]
- **Peckham AM**, Chan MG. Antimicrobial stewardship can help prevent injection drug use-related infections. *Contagion* 2021;6:18-9.
- **Peckham AM**, Covey JR, Evoy KE. Comment on "Gabapentinoid benefit and risk stratification: mechanisms over myth" [letter]. *Pain Ther* 2021;10:751-5.
- **Peckham AM**, Kehoe LG, Gray JR, et al. Real-world outcomes with extended-release buprenorphine (XR-BUP) in a low threshold bridge clinic: a retrospective case series. *J Subst Abuse Treat* 2021;126:108316.
- Desai PH, Taylor O, Shah KJ, Evoy KE, **Peckham AM**. Characterization of hospitalized patients who received naloxone while receiving opioids with or without gabapentinoids. *Ment Health Clin* 2021;11:225-30.
- DeWeese JP, Krenz JR, Wakeman SE, **Peckham AM**. Rapid buprenorphine microdosing for opioid use disorder in a hospitalized patient receiving very high doses of full agonist opioids for acute pain management: titration, implementation barriers, and strategies to overcome. *Subst Abuse* 2021 May 4. [Epub ahead of print]
- Evoy KE, Sadrameli S, Contreras J, Covey JR, **Peckham AM**. Authors' reply to Bonnet et al. "Abuse and misuse of pregabalin and gabapentin: a systematic review update." *Drugs* 2021;81:615-7.
- Hasan M, Noor-E-Alam M, Mohite P, Islam S, Modestino AS, **Peckham AM**, et al. Patterns of patient discontinuation from buprenorphine/naloxone treatment for opioid use disorder: a study of a commercially insured population in Massachusetts. *J Subst Abuse Treat* 2021;131:108416.
- Ibiloye EA, Barner JC, Lawson KA, Rascati KL, Evoy KE, **Peckham AM**. Prevalence of and factors associated with gabapentinoid use and misuse among Texas Medicaid recipients. *Clin Drug Investig* 2021;41:245-53.

Other Notable Achievements

- **McKenzie Grinalds:** Selected to participate in the ACCP Foundation Mentored Research Investigator Training (MeRIT) Program for proposed research project titled “Persistence Rates of Clobazam and Perampanel for Drug-Resistant Epilepsy.”
- **Alyssa Peckham:** Interviewed by *Pharmacy Practice News* for article titled “Health Systems Tackle Addiction in Varied Settings.”

Clinical Administration PRN

Promotions

- **Eileell Alin Nguyen:** PGY-1 Health-System Pharmacy Administration and Leadership Resident, Harris Health System.
- **Jennifer Twilla:** Assistant Director of Clinical Pharmacy Services, Methodist University Hospital.

Awards

- **William “Bill” Greene:** Shelby Rhinehart Public Service Lifetime Achievement Award, Tennessee Pharmacists Association.
- **Jennifer Twilla:** Tom C. Sharp Pharmacist of the Year Award, Tennessee Pharmacists Association.
- **Tyler Vest:** 2021 North Carolina Association of Pharmacists (NCAP) Distinguished Young Pharmacist.

Publications

- Greene EM, Greene WN, **Greene WL.** Addressing the burden of student loan debt: a case-based review of influencing considerations. *Am J Health Syst Pharm* 2021 Jul 6. [Epub ahead of print]
- **Haag JD,** Yost KJ, Kosloski Tarpenning KA, et al. Effect of an integrated clinical pharmacist on the drivers of provider burnout in the primary care setting. *J Am Board Fam Med* 2021;34:553-60.
- Burnworth MJ, Donley K, Hertig J, Lee J, Lee YA, Little J, **Vest TA.** Pandemic and beyond: policy and advocacy matters. *Am J Health Syst Pharm* 2021;78:1268-9.
- Ivey MF, **Vest TA,** Zilz DA. The need for increased education and training of pharmacy learners in the care of older, critically ill, and end-of-life patients. *Am J Health Syst Pharm* 2021;78:1336-40.

Presentations

- **Steenwyk Y.** Implementation of PROMIS Global-10 quality-of-life survey in specialty pharmacy. Poster presented at: ASHP Specialty Pharmacy Conference; July 2021; virtual.

Critical Care PRN

Promotions

- **Kelli Keats:** Medical ICU Critical Care Pharmacist, Augusta University Medical Center.
- **Bruce Mueller:** Interim Dean, University of Michigan College of Pharmacy.
- **Susan Smith:** Clinical Associate Professor, University of Georgia College of Pharmacy.

Awards

- **Carinda Feild:** Award for Excellence in Experiential Education, American Association of Colleges of Pharmacy.
- **Leslie Hamilton:** Alumni Volunteer 40 Under 40 Award, University of Tennessee Knoxville.
- **Brandon Hobbs:** 2021 Preceptor of the Year, Florida Society of Health-System Pharmacists.
- **Desiree Kosmisky:** Presidential Citation, Society of Critical Care Medicine and Carolinas/Virginias Chapter.
- **Janelle Poyant:** Pharmacist of the Year, Tufts Medical Center.
- **Susan Smith:** Outstanding Teacher of the Year Award, University of Georgia College of Pharmacy. Star Research Award, Society of Critical Care Medicine. Clinical Pharmacy and Pharmacology Section Congress Scholarship, Society of Critical Care Medicine.

Grants

- **Alex Flannery:** Clinical Research Catalysts (CRC) Pilot Award, University of Kentucky College of Pharmacy.
- **Leslie Hamilton:** Increasing Diversity in Residency and Fellowships in Pharmacy. The University of Tennessee Health Science Center Office of Inclusion, Equity, and Diversity 2021. Principal Investigator (\$3,000).

Publications

- **Bissell B, Johnston J, Smith RR, Sikora Newsome A, Thompson Bastin ML,** Abdul-Matakabbir J, Barlow B, Crow JR, **Dixit D, Jacobi J,** Karaoui LR, **Kiser TH,** Kolesar J, Koontz SE, Mattingly TJ, **Mitchell C,** Nilges A, **Rech MA, Heavner MS.** Gender inequity and sexual harassment in the pharmacy profession: evidence and call to action. *Am J Health Syst Pharm* 2021 Jul 7. [Epub ahead of print]
- **Bland CM,** Crosby CM, Orvin DL, **Smith SE,** et al. Transitioning from guideline approval to practical implementation of area under the

- concentration-time curve-monitoring of vancomycin. *Am J Health Syst Pharm* 2021;78:1270-2.
- Domecq JP, Lal A, Sheldrick CR, Kumar VK, Boman K, **Bolesta S**, et al. Outcomes of patients with coronavirus disease 2019 receiving organ support therapies: the International Viral Infection and Respiratory Illness Universal Study Registry. *Crit Care Med* 2021;49:437-48.
 - Verhoef PA, Kannan S, Sturgill JL, Tucker EW, Morris PE, Miller AC, Sexton TR, Koynier JL, Hejal RM, Brakenridge SC, Moldawer LL, Hotchkiss RS, Blood TM, Mazer MB, **Bolesta S**, et al. Severe acute respiratory syndrome-associated coronavirus 2 infection and organ dysfunction in the ICU: opportunities for translational research. *Crit Care Explor* 2021;3:e0374.
 - **Buckley MS**, Agarwal SK, Garcia-Orr R, Saggar R, **MacLaren R**. Comparison of fixed-dose inhaled epoprostenol and inhaled nitric oxide for acute respiratory distress syndrome in critically ill adults. *J Intensive Care Med* 2021;36:466-76.
 - **Buckley MS**, **Smithburger PL**, **Wong A**, Fraser GL, Reade MC, Klein-Fedyshin M, Ardiles T, **Kane-Gill SL**. Dexmedetomidine for facilitating mechanical ventilation extubation in difficult-to-wean ICU patients: systematic review and meta-analysis of clinical trials. *J Intensive Care Med* 2021;36:925-36.
 - Johnston MM, Huang V, Hall ST, **Buckley MS**, Bikin D, **Barletta JF**. Optimizing outcomes using vancomycin therapeutic drug monitoring in patients with MRSA bacteremia: trough concentrations or area under the curve? *Diagn Microbiol Infect Dis* 2021;101:115442.
 - **Carr J**, **Hawkins AW**, **Sikora Newsome A**, **Smith SE**, **Bland C**, **Branan T**. Fluid stewardship of maintenance intravenous fluids. *J Pharm Pract* 2021;8971900211008261.
 - Bennett S, Mullen C, Mistry B, **Cucci M**. Performance of nasal methicillin-resistant *Staphylococcus aureus* screening for intra-abdominal infections in critically ill adult patients. *Pharmacotherapy* 2021;41:257-64.
 - **Dixit D**, Barbarello Andrews L, Radparvar S, **Adams C**, Kumar ST, **Cardinale M**. Descriptive analysis of the unwarranted continuation of antipsychotics for the management of ICU delirium during transitions of care: a multicenter evaluation across New Jersey. *Am J Health Syst Pharm* 2021;78:1385-94.
 - **Flannery AH**, Li X, Delozier NL, et al. Sepsis-associated acute kidney disease and long-term kidney outcomes. *Kidney Med* 2021;3:507-14.
 - **Flannery AH**, Wallace KL, Rhudy CN, et al. Efficacy and safety of vancomycin loading doses in critically ill patients with methicillin-resistant *Staphylococcus aureus* infection. *Ther Adv Infect Dis* 2021;8:20499361211005965.
 - **Forehand CC**, Fitton K, **Keats K**, Chase A, **Smith SE**, **Sikora Newsome A**. Productivity tracking: a survey of critical care pharmacist practices and satisfaction. *Hosp Pharm* 2021 Jun 16. [Epub ahead of print]
 - **Griffiths CL**, **Kosmisky DE**, Everhart SS, et al. Impact of first and second shift tele-critical care pharmacy services and virtual rounds on interventions at Atrium Health Lincoln. *J Am Coll Clin Pharm* 2021;4:988-93.
 - Tully D, **Griffiths CL**. Dengvaxia: the world's first vaccine for prevention of secondary dengue. *Ther Adv Vaccines Immunother* 2021 May 17. [Epub ahead of print]
 - **Hamilton LA**, Behal ML, Carter AR, **Rowe AS**. Patient-specific risk factors associated with the development of hyperchloremia in a neurocritical care intensive care unit. *J Pharm Pract* 2021 Jun 22. [Epub ahead of print]
 - Tatro HA, McMillen JC, **Hamilton LA**, **Rowe AS**. 23.4% sodium chloride versus mannitol for the reduction of intracranial pressure in patients with traumatic brain injury: a single-center retrospective cohort study. *Ann Pharmacother* 2021;55:988-94.
 - Leung S, Pastores SM, Oropello JM, Lilly CM, Galvagno SM, Badjatia N, **Jacobi J**, et al. Regionalization of critical care in the United States: current state and proposed framework from the Academic Leaders in Critical Care Medicine Task Force of the Society of Critical Care Medicine. *Crit Care Med* 2021 Jul 1. [Epub ahead of print]
 - Lumb PD, Adler DC, Al Rahma H, Amin P, Bakker J, Bhagwanjee S, Du B, Bryan-Brown CW, Dobb G, Gingles B, **Jacobi J**, et al. International critical care—from an indulgence of the best-funded healthcare systems to a core need for the provision of equitable care. *Crit Care Med* 2021 Jul 2. [Epub ahead of print]
 - **Johnston JP**, Andrews LB, **Adams CD**, **Cardinale M**, **Dixit D**, et al. Implementation and evaluation of a virtual learning advanced pharmacy practice experience. *Curr Pharm Teach Learn* 2021;13:862-7.
 - **Johnston J**, Cohen EA, Casal GH, et al. Impact of low-dose fluconazole on tacrolimus dosing in renal transplant. *J Pharm Pract* 2021 Mar 24. [Epub ahead of print]
 - **Johnston JP**, LaPietra AM, Elsayy OA, et al. Opioid prescribing at discharge in opioid-naïve trauma patients. *Am Surg* 2021 Apr 20. [Epub ahead of print]
 - Pham CT, Kassab HS, **Johnston JP**. Evaluation of serum sodium correction rates for management of hyponatremia in hospitalized patients. *Ann Pharmacother* 2021 May 22. [Epub ahead of print]

- **Keats KR**, Stitt TM, Chastain DB, et al. Evaluating *Clostridioides difficile* infection (CDI) treatment duration in hematology/oncology patients receiving concurrent non-CDI antibiotics. *J Oncol Pharm Pract* 2021 Mar 4. [Epub ahead of print]
- **Kressin C**, Pandya K, Woodward BM, Donaldson C, **Flannery AH**. Ascorbic acid in the acute care setting. *JPEN J Parenter Enteral Nutr* 2021;45:874-81.
- **Kressin C**, **Thompson Bastin M**, et al. Cisatracurium continuous infusion versus no neuromuscular blockade for acute respiratory distress syndrome on venovenous extracorporeal membrane oxygenation. *J Clin Pharmacol* 2021 Jun 28. [Epub ahead of print]
- Shannon K, Saltzman D, **Li I**, et al. Ventricular tachycardia converts to sinus rhythm after administration of propofol: a case report. *Am J Emerg Med* 2021 Apr 16. [Epub ahead of print]
- Demirjian SD, Teixeira JP, **Mueller BA**, et al. Optimizing kidney replacement in critical care: SLED can play a bigger role in the ICU. SLED therapy update. *Nephrology Times* 2021;13.
- Demirjian SD, Teixeira JP, **Mueller BA**, et al. Tablo hemodialysis system: utilizing adaptive dialysis to address the challenges of ICU kidney replacement therapy. SLED therapy update. *Nephrology Times* 2021;13.
- Rybak MJ, Le J, Lodise TP, Levine DP, Bradley JS, Liu C, **Mueller BA**, et al. Validity of 2020 vancomycin consensus recommendations and further guidance for practical application. *Am J Health Syst Pharm* 2021;78:1364-7.
- **Murray B**, **Buckley MS**, **Sikora Newsome A**. Action plan for successful implementation of optimal ICU pharmacist activities: next steps for the critical care pharmacist position paper. *Crit Care Med* 2021;49:e199-200.
- **Nguyen JV**, Yaw T, Gratton H. Incidence of neurobehavioral side effects associated with levetiracetam compared to phenytoin in traumatic brain injury patients. *Brain Inj* 2021;35:902-6.
- **Nicholson CR**, Mullen C, Frazee LA, **Cucci MD**. Hemodynamic adverse effects of dexmedetomidine and propofol in a critically ill trauma and surgical population: a retrospective cohort. *J Trauma Nurs* 2021;28:149-58.
- Bottom-Tanzer SF, **Poyant JO**, Louzada MT, et al. High occurrence of post intensive care syndrome identified in surgical ICU survivors after implementation of a multidisciplinary clinic. *J Trauma Acute Care Surg* 2021 Apr 8. [Epub ahead of print]
- Ricard CA, **Poyant JO**, Holewinski SL, et al. Survival in critically ill admissions with and without COVID-19 at an academic medical center during the height of the pandemic. *J Hosp Adm* 2021;10:29-37.
- **Rech MA**, Adams W, Smetana KS, Gurnani PK, Van Berkel Patel MA, Peppard WJ, Hammond DA, **Flannery AH**. PHarmacist Avoidance or Reductions in Medical Costs in Patients Presenting the EMergency Department: PHARM-EM study. *Crit Care Explor* 2021;3:e0406.
- **Santibañez M**, Reeves AA. Upper respiratory tract infections. In: Sutton SS, ed. *NAPLEX Review Guide*, 4th ed. New York: McGraw-Hill, 2021.
- **Santibañez M**, Sedlacek J, Parmar J. Perceptions regarding pharmacy training across four domains of pharmacy practice: a survey of new pharmacist practitioners. *J Am Coll Clin Pharm* 2021;4:622-30.
- Boylan PM, **Santibañez M**, Lounsbury N, et al. A nonthrombotic pulmonary embolus caused by polyalkylimide dermal filler: a case report and literature review of medication management. *J Am Pharm Assoc* 2021;61:e324-31.
- **Sikora Newsome A**, **Murray B**, **Smith SE**, Brothers T, Al-Mamun MA, Chase AM, Rowe S, **Buckley MS**, Murphy D, **Devlin JW**. Optimization of critical care pharmacy clinical services: a gap analysis approach. *Am J Health Syst Pharm* 2021 Jun 1. [Epub ahead of print]
- **Smith SE**, Slaughter A, Butler S, **Buckley M**, **MacLaren R**, **Sikora Newsome A**. Examination of critical care pharmacist work activities and burnout. *J Am Coll Clin Pharm* 2021;4:554-69.
- Olney WJ, Chase AM, Hannah SA, **Smith SE**, **Sikora Newsome A**. Medication regimen complexity score (MRC-ICU) as an indicator of fluid balance in critically ill patients. *J Pharm Pract* 2021 Mar 9. [Epub ahead of print]
- Schoen RR, **Smith SE**, Ball J, et al. Insight into development of a mentorship program in a professional pharmacy organization. *Curr Pharm Teach Learn* 2021;13:875-80.
- **Thompson Bastin ML**, **Smith RR**, **Bissell BD**, Wolf HN, Wiegand AM, Cavagnini ME, Ahmad Y, **Flannery AH**. Comparison of fixed dose versus train-of-four titration of cisatracurium in acute respiratory distress syndrome. *J Crit Care* 2021;65:86-90.

New Fellows

- **Deepali Dixit**: FCCM – American College of Critical Care Medicine.
- **Leslie Hamilton**: FNCS – Neurocritical Care Society.
- **Jacob Schwarz**: FAzPA – Arizona Pharmacy Association.

Other Notable Achievements

- **Michaelia Cucci:** Founded a Surgical ICU Team Interdisciplinary Education Program, Cleveland Clinic Akron General.
- **Deepali Dixit:**
BCCCP.
BCPS.
Co-chair, American Thoracic Society Pharmacy Working Group.
Critical Care Grand Round Presenter, Robert Wood Johnson University Hospital.
- **Carinda Feild:** President-Elect, Florida Chapter of SCCM.
- **Alex Flannery:**
Ph.D., Clinical and Translational Science.
Chair, ACCP Critical Care PRN.
- **Carrie Griffiths:** President, Carolinas/Virginias Chapter of SCCM.
- **Leslie Hamilton:**
Chair-Elect, ACCP Critical Care PRN.
Vice Chair, ACCP Credentials Committee.
- **Brandon Hobbs:** BCPS.
- **Judith Jacobi:**
Co-chair, SCCM Glycemic Guideline Task Force.
Co-chair, Leadership, Empowerment, and Development (LEAD) Task Force.
ACCP Past-President Committee.
Member, GTMRx Subgroup
Evidence-Based Resources.
- **Jackie Johnston:**
Program Director, PGY-1 Pharmacy Residency Program, St. Joseph's University Medical Center, Paterson, New Jersey.
Faculty, Surgical Critical Care Fellowship, St. Joseph's University Medical Center, Paterson, New Jersey.
Chair, Travel Awards Committee, ACCP Critical Care PRN.
- **Desiree Kosmisky:** Board of Directors, Carolinas/Virginias Chapter of SCCM.
- **Irene Li:** BCPS.
- **Melissa Santibañez:**
Chair, Florida Chapter of SCCM
Membership Committee.
Chair, Education, Programming, and Communication Committee, ACCP Pulmonary PRN.
- **Jacob Schwarz:**
President, Arizona Pharmacy Association.
MBA, University of Massachusetts-Amherst.
- **Susan Smith:**
Chair, SCCM Clinical Pharmacy and Pharmacology Section Communications Committee.
Chair-Elect, AACP Women Faculty SIG.

Drug Information PRN

Promotions

- **Dan Majerczyk:** Associate Professor of Clinical Sciences, Roosevelt University College of Science, Health and Pharmacy.

Grants

- **Ashish Advani:** Trends in Drug Information Questions over the Last Three Years in Three (anonymous) Health Systems. NIH SIBR. Role: Principal Investigator and CEO of InpharmD, the organization awarded the grant (\$300,000).

Publications

- Smith KR, Kahlon CH, **Brown JN**, et al. Methylphenidate use in geriatric depression: a systematic review. *Int J Geriatr Psychiatry* 2021;36:1304-12.

Education and Training PRN

Promotions

- **Ginelle Bryant:** Professor, Clinical Sciences, Drake University College of Pharmacy and Health Sciences.
- **Lindsey Childs-Kean:** Associate Clinical Professor, University of Florida College of Pharmacy.
- **Sarah Petite:** Associate Professor (with Tenure), University of Toledo College of Pharmacy and Pharmaceutical Sciences.
- **Taylor Steuber:** Associate Clinical Professor, Auburn University Harrison School of Pharmacy.
- **Takova Wallace-Gay:** Associate Clinical Professor, University of Texas at Tyler.

Awards

- **Lindsey Childs-Kean:** AACP Emerging Teaching Scholar.
- **Eliza Dy-Boarman:**
AACP Experiential Education Section Award for Excellence in Experiential Education.
Drake University Rho Chi Chapter Faculty Award.
- **Anthony Hawkins:** Georgia Society of Health-System Pharmacists, Pharmacy Practitioner of the Year and Committee Chair of the Year.
- **Meredith Howard:** University of North Texas Health Science Center College of Pharmacy Faculty Achievement Award.
- **Tsitsi Monera-Penduka:** AFREhealth Prof James Hakim Leadership Development Program in Africa.
- **Aniwa Obeng:** Icahn School of Medicine at Mount Sinai Solomon Silver Award in Clinical Medicine.

- **Taylor Steuber:** Auburn University Research Excellence Award.
- **Takova Wallace-Gay:** Auburn Pharmacy Alumni Association Distinguished Young Alumni.

Grants

- **Jennie Jarrett:** Integrated Substance Use Disorder Training Program; U.S. Health Resources and Services Administration; \$1,800,000.
- **Tsitsi Monera-Penduka:** NIH FIC; Global Health Equity Scholarship; \$15,000. GEMx; GEMX - AFREhealth Interprofessional Education (IPE) Virtual Elective Training Grant; \$800.
- **Christina Sherrill:** Hands-on Virtual Continuous Glucose Monitoring Education for Students and Preceptors. American Association of Colleges of Pharmacy; \$4,000.
- **Taylor Steuber:** Pharmaceutical Treatments for Transfusion Dependent Beta-Thalassemia Systematic Review. Drug Effectiveness Review Program: Center for Evidence-Based Policy, Oregon Health and Science University; \$50,000.
- **Sarah Vordenberg:** Medication Decision Algorithms to Support Personalized Student Learning. American Association of Colleges of Pharmacy; \$4,000.

Publications

- **Adams KK, Machnicz M, Sobieraj DM.** Initiating buprenorphine to treat opioid use disorder without prerequisite withdrawal: a systematic review. *Addict Sci Clin Pract* 2021;16:36.
- **Adams KK, McManus D, Topal J, Shah S.** Re-evaluating aztreonam and ceftazidime hypersensitivity: fraternal not identical twins. *J Antimicrob Chemother* 2021 Jun 30. [Epub ahead of print]
- **Boylan PM, Santibañez M, Lounsbury N, et al.** A nonthrombotic pulmonary embolus caused by polyalkylimide dermal filler: a case report and literature review of medication management. *J Am Pharm Assoc* 2021;61:324-31.
- **Bryant GA, Dy-Boarman EA, Herring MS, et al.** Use of a script concordance test to evaluate the impact of a targeted educational strategy on clinical reasoning in advanced pharmacy practice experiential students. *Curr Pharm Teach Learn* 2021;13:1024-31.
- **Choi J, Vordenberg SE.** Older adults' perceptions of deprescribing chronic benzodiazepines. *J Am Pharm Assoc* 2021 Apr 20. [Epub ahead of print]
- **Dy-Boarman EA, Bryant GA, Herring MS.** Faculty preceptors' strategies for teaching clinical reasoning skills in the advanced pharmacy practice

experience (APPE) setting. *Curr Pharm Teach Learn* 2021;13:623-7.

- **Baruwal S, Hall RG, Pass SE, Safri A, Edwards KL.** Efficacy and benefits of mock residency interviews. *Curr Pharm Teach Learn* 2021;13:958-63.
- **Enderby CY, Davis S, Sincak CA, et al.** Health-system pharmacist preceptor development and educational needs for accessible resources. *Curr Pharm Teach Learn* 2021;13:1110-20.
- **Mihm A, Eudaley ST, Szwak J, et al.** Preparing for postgraduate year 1 pharmacy residency interviews: a focus on clinical knowledge and problem-solving assessments. *Am J Health Syst Pharm* 2021 May 29. [Epub ahead of print]
- **Deville R, Fellers CM, Howard ML.** Lessons learned pivoting to a virtual OSCE: pharmacy faculty and student perspectives. *Curr Pharm Teach Learn* 2021. [In press]
- **Genereaux M, Nguyen M, Bostwick JR, Vordenberg SE.** Using the Higher Learning Commission's Assessment Culture Matrix to support continuous quality improvement of a simulated patient program. *Innov Pharm* 2021;12:10.24926/iip.v12i2.3684.
- **Hawkins WA, Kim JY, Smith SE, et al.** Effects of propofol on hemodynamic profile in adults receiving targeted temperature management. *Hosp Pharm* 2021 Jul 11. [Epub ahead of print]
- **Carr JR, Hawkins WA, Newsome AS, et al.** Fluid stewardship of maintenance intravenous fluids. *J Pharm Pract* 2021 Apr 8. [Epub ahead of print]
- **Gamble K, Smith SE, Bland CM, Newsome AS, Branan TN, Hawkins WA.** Hidden fluids in plain sight: identifying intravenous medication classes as contributors to intensive care unit fluid intake. *Hosp Pharm* 2021 May 19. [Epub ahead of print]
- **Newsome AS, Smith SE, Bland CM, Branan TN, Hawkins WA.** Scholastic synergy: a team prototype for pharmacy faculty engagement in education, research, and service. *Curr Pharm Teach Learn* 2021;13:238-44.
- **Howard ML, Atanda A, Gaviola ML.** A multipronged approach to teaching end-of-life care to student pharmacists. *J Am Coll Clin Pharm* 2021;4:498-506.
- **Mak V, Fitzgerald J, Holle L, Vordenberg SE, Kebodeaux C.** Meeting pharmacy educational outcomes through effective use of the virtual simulation MyDispense. *Curr Pharm Teach Learn* 2021;13:739-42.
- **Murphy JA, Curran BM, Gibbons WA III, et al.** Adjunctive phenobarbital for alcohol withdrawal syndrome: a focused literature review. *Ann Pharmacother* 2021 Mar 7.
- **Nisly SA, Guzik B, Cunha A, et al.** Concentrated learning experiences across two different

health-systems. *Innov Pharm* 2021;12:10.24926/iip.v12i1.3374.

- **Nisly SA**, Mihm A, Gillette C, et al. Safety of direct oral anticoagulants in patients with mild to moderate cirrhosis: a systematic review and meta-analysis. *J Thromb Thrombolysis* 2021 Mar 16. [Epub ahead of print]
- Mihm AE, Hicklin HE, Cunha AL, **Nisly SA**, et al. Direct oral anticoagulants versus warfarin for the treatment of left ventricular thrombosis. *Intern Emerg Med* 2021 Jun 24. [Epub ahead of print]
- Smith S, Sebaaly J, Brennan L, Haltom W, Meade L, **Nisly SA**. Accomplishing CAPE domain 3 during APPE rotations: student perceptions. *J Pharm Pract* 2021 Mar 19. [Epub ahead of print]
- **Shah S, Adams K**, Merwede J, **McManus D**, et al. Three is a crowd: clinical outcomes of a twice daily versus a thrice daily metronidazole dosing strategy from a multicenter study. *Anaerobe* 2021 May 6. [Epub ahead of print]
- **Sherrill CH**, Hought CT, Dixon EM, et al. Professional continuous glucose monitoring: a retrospective cohort study comparing one vs two pharmacist-driven encounters. *J Am Coll Clin Pharm* 2021;4:785-92.
- McMillin SM, Pham ML, **Sherrill CH**. Effects of sodium-glucose cotransporter-2 inhibitors on appetite markers in patients with type 2 diabetes mellitus. *Nutr Metab Cardiovasc Dis* 2021;31:2507-11.
- **Soric MM**. Lost in translation: what residency program directors really want from references. *J Am Coll Clin Pharm* 2021;4:270.
- Walkerly A, Neugebauer RE, Misko B, Shively D, Singh S, Chahda B, Dhanireddy S, King K, Lloyd M, Fosnight S, Costello M, Palladino C, **Soric MM**. Prevalence, predictors, and trends of opioid prescribing for lower back pain in United States emergency departments. *J Clin Pharm Ther* 2021;46:698-704.
- **Steuber TD**, Andrus MR, Wright BM, et al. Effect of interprofessional clinical debates on attitudes of interprofessional teams. *PRIMER* 2021;5:14.
- **Steuber TD, Isaacs AN, Howard ML, Nisly SA**. Evaluation of journal club versus clinical debate activities within pharmacy experiential education. *Am J Pharm Educ* 2021 Jul 22. [Epub ahead of print]
- Nixon CG, **Steuber TD**. You cannot always warfarin: a case of significant INR fluctuation with brand to generic conversion of warfarin. *Eur J Med Case Rep* 2021;5:106-8.
- Thiriveedi M, **Steuber TD**, Hasan M, et al. Infliximab-induced lupus causing pericarditis: a case report and review of the literature. *J Gen Intern Med* 2021;36:2134-8.

- Williams B, Muklewicz J, **Steuber TD**, et al. Comparison of inpatient standard-of-care to outpatient oritavancin therapy for patients with acute uncomplicated cellulitis. *J Pharm Pract* 2021 Jun 3. [Epub ahead of print]
- **Vordenberg SE, Diez HL, Ferguson C, Walker PC, Bostwick J, Klein KC**. Practical considerations for community-based health promotion events during the COVID-19 pandemic. *Innov Pharm* 2021;12:2.

Other Notable Achievements

- **Tsitsi Monera-Penduka**: Elected Fellow of the Zimbabwe Young Academy of Science (ZimYAS).
- **Julie Murphy**: Named Director of the Office of Undergraduate Research and the Office of Competitive Fellowships for the University of Toledo.
- **Sarah Nisly**: Earned an M.Ed. degree with a focus in Measurement, Evaluation, Statistics, & Assessment, University of Illinois Chicago.

Endocrine and Metabolism PRN

The Endocrine and Metabolism PRN has had a successful year. We are excited to acknowledge members' contributions to the profession of pharmacy through their work!

Promotions

- **Maryam Fazel**: Associate Professor, University of Arizona College of Pharmacy.
- **Rebecca Stauffer**: Associate Professor, University of Health Sciences & Pharmacy in St. Louis.

Awards

- **Ben Gross**: APPE Preceptor of the Year, Lipscomb University College of Pharmacy.
- **Josh Shilka**: 2020–2021 University of Illinois Chicago PhLAMES Faculty Mentor of the Year.
- **Liz Van Dril**: 2020–2021 University of Illinois Chicago PhLAMES Faculty Mentor of the Year.
- **Megan Wesling**: 2020–2021 Mentor of the Year PGY1, Managed Care-CVS Health.

Grants

- **Regina Ginzburgh**: Federally Qualified Health Center (FQHC) Capacity Building Pathway: Living with Chronic Conditions in the Planning and Implementation of the Service Expansion in Comprehensive Pharmacy Services. Awarded from United Healthcare (\$50,000).

Publications

- **Adkison J**, Chung P. Implementing continuous glucose monitoring in clinical practice. *Fam Pract Manag* 2021;28:7-14.

- White BM, **Anderson SL, Marrs JC**. Antihypertensive prescribing patterns and hypertension control in females of childbearing age. *Am J Health Syst Pharm* 2021;78:1317-22.
- **Clements J, Albanese NP, D'Souza JJ, Misher A, Reece S, Trujillo J, Whitley HP**. Clinical review and role of clinical pharmacists in obesity management: an opinion of the Endocrine and Metabolism Practice and Research Network of the American College of Clinical Pharmacy. *J Am Coll Clin Pharm* 2021 Aug 9. [Epub ahead of print]
- Baruwal S, Hall RG II, Pass SE, Safri A, **Edwards KL**. Efficacy and benefits of mock residency interviews. *Curr Pharm Teach Learn* 2021;13:958-63.
- Alamer A, Te C, **Fazel MT**. Rosuvastatin myotoxicity after starting canagliflozin treatment [letter]. *Ann Intern Med* 2021;174:431.
- Lee JK, McCutcheon LRM, **Fazel MT**, et al. Assessment of interprofessional collaborative practices and outcomes in adults with diabetes and hypertension in primary care: a systematic review and meta-analysis. *JAMA Netw Open* 2021;4:e2036725.
- **Misher A, Rosselli J, Schumacher C**. The role of the diabetes care and education specialist in caring for diabetes complications and common comorbid conditions. *ADCES Pract* 2021;9:30-52.
- **Reece S**, Beltran A, Nattama S, et al. Diabetic ketoacidosis: visiting an all too familiar preventable emergency. *ADCES Pract* 2021;9:24-9.
- Mobley-Bukstein W, **Reece S**, Hebdon K. Special considerations in the management and education of older persons with diabetes. *ADCES Pract* 2021;9:30-42.
- **Shane-McWhorter L**. *Complementary Health and Diabetes: A Focus on Dietary Supplements*, 2nd ed. Arlington, VA: American Diabetes Association, 2021.
- Galanter W, Eguale T, Gellad W, Lambert B, Mirica M, Cashy J, Salazar A, Volk LA, Falck S, **Shilka J, Van Dril E**, et al. Personal formularies of primary care physicians across 4 health care systems. *JAMA Netw Open* 2021;4:e2117038.
- **Van Dril E, Schumacher C**. Considerations for best practices related to sodium-glucose cotransporter-2 inhibitors and serum potassium levels. *Am J Health Syst Pharm* 2021;78:1367-8.
- **Wesling M, Schumacher C**, Liu J, Kliethermes MA, **Borchert J**. Postgraduate year two ambulatory care residency program evaluation with a tool for assessing ambulatory care pharmacist practice. *J Am Coll Clin Pharm* 2021;4:723-9.
- Atanda A, Lee D, **Wesling M**. A review of billing opportunities for outpatient pharmacists in the state of Texas. *Texas J Health Syst Pharm* 2021;20:12-8.

Presentations

- **Anderson SL, Clements J**. Don't argue with me: GLP-1 receptor agonists or SGLT2 inhibitors as first-line therapy for type 2 diabetes. Presented at: South Carolina Society of Health-System Pharmacists Annual Meeting; March 2021; virtual.
- **Reece S, Issacs D, Neumiller J**. Optimizing CGM and clinical outcomes: the role of the pharmacist. Presented at: APHA and ADCES Webinar; June 2021.
- **Schumacher C**. Broadening your scope: transitioning from a disease-focused service to Comprehensive Medication Management. Presented at: ACCP Spring Forum; April 2021; virtual.
- **Schumacher C**. Let's get it started: moving step-by-step into a comprehensive medication management model. Presented at: ACCP Spring Forum; April 2021; virtual.
- **Schumacher C**. Guidelines for non-insulin medication management in patients with type 2 diabetes. Presented at: Association of Diabetes Care and Education Specialists Live Webinar; April 2021.
- **Schumacher C**. Diabetes management: a cardio-metabolic approach. Presented at: Ohio Association of Diabetes Care and Education Specialists 2021 Meeting; June 2021; virtual.
- **Shilka J**. COVID-19 vaccination: implications for the ambulatory care pharmacist. Presented at: ACCP Ambulatory Care PRN Webinar; April 2021; virtual.
- **Wesling M**, Wargo R. The nuts and bolts to billing and reimbursement for pharmacist services. Presented at: ACCP Ambulatory Care PRN Webinar; June 2021; virtual.

Other Notable Achievements

- **Diana Isaacs**: Board of Directors, Association of Diabetes Care and Education Specialists (ADCES).
- **Liz Van Dril**: Certified Diabetes Care and Education Specialist (CDCES).

Geriatrics PRN

Promotions

- **Lisa Hutchison**: Vice Chair for Postgraduate Professional Training, University of Arkansas for Medical Sciences College of Pharmacy.
- **Celia Lu**: Associate Professor – Industry Professional, St. John's University College of Pharmacy & Health Sciences.
- **Linda Sobeski**: Clinical Associate Professor, University of Nebraska College of Pharmacy.

Awards

- **Krista Donohoe:** VCU School of Pharmacy, Preceptor of the Year.
- **Anne Hume:** Department of Family Medicine, Alpert Medical School, Brown University 2021 Elise Coletta, MD Geriatric Education Leadership Faculty Award.
- **Jeannie Lee:** The American Geriatrics Society (AGS) Public Education Committee, 2021 Outstanding Committee Service Award.
- **Emily Peron:** VCU School of Pharmacy, Outstanding Preceptor. VCU, Rho Chi Honor Society, Faculty Inductee.

Grants

- **Jeannie Lee:** Interprofessional End of Life Care Training Partnership (IP-EOLCTP) at UA Health Sciences Phase II, University of Arizona, The David and Lura Lovell Foundation Training Partnership Grant (\$500,000).

Publications

- **Centanni NR**, Craig WY, Whitesell DL, et al. Safety of ECT in patients receiving an oral anticoagulant. *Ment Health Clin* 2021;11:254-8.
- Anderson AN, Patterson JA, **Donohoe KL**, Matulewicz AT, Frankart LM, **Peron EP**, et al. Assessing team creation by personality inventories in pharmacy students. *Curr Pharm Teach Learn* 2021. [In press]
- Yousuf A, **Jacob EC**. Uncovering the impact of storage on generic medications. *US Pharmacist* 2021;46:30-8.
- **Lee JK**, McCutcheon LRM, Fazel MT, Cooley JH, Slack MK. Assessment of interprofessional collaborative practices and outcomes in adults with diabetes and hypertension in primary care: a systematic review and meta-analysis. *JAMA Netw Open* 2021;4:e2036725.
- Axon DR, Slack M, Barraza L, **Lee JK**, et al. Nationally representative health care expenditures of community-based older adults with pain in the United States prescribed opioids versus those not prescribed opioids. *Pain Med* 2021;22:282-91.
- Nakanishi M, Mizuno T, Mizokami F, Koseki T, Takahashi K, Tsuboi N, Katz M, **Lee J**, et al. Impact of pharmacist intervention for blood pressure control in patients with chronic kidney disease: a meta-analysis of randomized clinical trials. *J Clin Pharm Ther* 2021;46:114-20.
- Chim C, **Lu C**, Maidhof W, et al. Outcomes of a college-led community-based influenza vaccine program for underserved New York City communities. *J Am Pharm Assoc (2003)* 2021;61:e316-e323.

- **Sobeski LM**, Schumacher C, Alvarez NA, et al. ACCP white paper: medication access: policy and practice opportunities for pharmacists. *J Am Coll Clin Pharm* 2021;4:113-25.

Other Notable Achievements

- **Elsen Jacob:** Graduated with a Master's degree in Epidemiology, Columbia University Mailman School of Public Health.
- **John Noviasky:** PGY2 Geriatric Pharmacy Residency Coordinator, PGY2 Geriatric Pharmacy Residency Program, Upstate University Program, received an 8-year accreditation (initial review).

GI/Liver/Nutrition PRN

The GI/Liver/Nutrition PRN would like to congratulate its members for their inspiring accomplishments this past year! We are continuing to explore new ways to engage members on our social media platforms, including Twitter ([@accpGILNprn](#)) and Facebook ([ACCP GI/Liver/Nutrition PRN](#)). Please contact us if you have new ideas for how the PRN can serve your professional interests!

Promotions

- **Julie A. Murphy:** Director of the Office of Undergraduate Research and the Office of Competitive Fellowships, University of Toledo.
- **Joe Ybarra:** Senior Director of Corporate Clinical Pharmacy, Steward Health Care.

Grants

- Krichbaum M, **Singh-Franco D**, Fernandez D, et al. Interprofessional Substance Use Disorder Education: Implementation of a Required Program to Improve Knowledge of Entry-Level Doctor of Pharmacy and Medicine Students in a Hispanic-Serving Institution. Department of Health and Human Services Substance Abuse and Mental Health Services Administration (SAMHSA) Expansion of Practitioner Education Grant (\$199,445).

Publications

- **Khoury A**, Pagan KA, Farland MZ. Ferric maltol: a new oral iron formulation for the treatment of iron deficiency in adults. *Ann Pharmacother* 2021;55:222-9.
- **Khoury A**, Rattanasuwan T, Ebied AM. Shifting microorganism incidence in cirrhotic patients with ascites: a 5-year retrospective cross-sectional analysis. *Dig Med Res* 2020;3:45.
- Ebied AM, Rattanasuwan T, Chen Y, **Khoury AP**. Albumin utilization in spontaneous bacterial

peritonitis. *J Pharm Pract* 2021 Mar 2. [Epub ahead of print]

- Rattanasuwan T, Ebied A, **Khoury A**. Short-course azithromycin for lower respiratory tract infection in adults: is 3 days enough? *Infect Dis Clin Pract* 2021;29:e140-5.
- Rattanasuwan T, Marks Y, Delaune J, **Khoury A**. Rapid onset vancomycin-induced thrombocytopenia confirmed by vancomycin antibody test. *BMJ Case Rep* 2021;14:e243027.
- **Murphy JA**, Curran BM, Gibbons WA III, et al. Adjunctive phenobarbital for alcohol withdrawal syndrome: a focused literature review. *Ann Pharmacother* 2021 Mar 7. [Epub ahead of print]
- **Singh-Franco D**, Hale G, Joseph T, et al. Pharmacists' bleed risk tool and treatment preferences prior to initiating anticoagulation in patients with nonvalvular atrial fibrillation: a cross-sectional US survey. *J Clin Outcomes Manag* 2021;28:9-16.
- **Singh-Franco D**, Mastropietro D, Metzner M, et al. Impact of pharmacy-supported interventions on proportion of patients receiving non-indicated acid suppressive therapy upon discharge: a systematic review and meta-analysis. *PLoS One* 2020;15:e0243134.
- **Singh-Franco D**, Moreau C, Levin AD, et al. Efficacy and usability of intranasal glucagon for the management of hypoglycemia in patients with diabetes: a systematic review. *Clin Ther* 2020;42:e177-e208.

Presentations

- **Khoury A**. Management of inflammatory bowel diseases in the acute care setting. Presented at: Florida Society of Health-System Pharmacists Annual Meeting; August 2021; Orlando, FL.

Global Health PRN

Promotions

- **Amy Kruger Howard**: Master's degree in Health Science with a Global Health Systems Certificate, University of Maryland Baltimore. Promotion to Pediatric Clinical Pharmacist, University of Maryland School of Pharmacy.
- **Melody Ryan**: Assistant Provost for Global Health Initiatives, University of Kentucky.

Awards

- **Rakhi Karwa, Ellen Schellhase, Susie Crowe, Sonak Pastakia**: 2021 American Association of Colleges of Pharmacy Public Health Special Interest Group Paper of the Year for: Evaluating the impact of a 15-year academic partnership to

promote sustainable engagement, education, and scholarship in global health. *J Am Coll Clin Pharm* 2020;3:885-96.

- **Rakhi Karwa, Ellen Schellhase, Sonak Pastakia**: 2021 Community Partner Engagement Scholarship Consortium Award of Excellence in Engaged Scholarship, Purdue University.
- **Melody Ryan**: University of Kentucky Global Impact Award for Distinguished Faculty Achievements in Education.

Grants

- **Amy Kruger Howard**: Increasing Plain-Language Communication in Team-Based Care. Principal Investigator, Interprofessional Education Seed Grant, awarded by the University of Maryland Baltimore (\$25,000).

Publications

- **Kruger Howard A**, Claeys K, Biggs JM, et al. Performance of Verigene rapid diagnostic testing for detection of inpatient pediatric bacteremia. *J Pediatr Pharmacol Ther* 2021;26:472-7.
- **Kruger Howard A**, Parbuoni K, Claeys K, et al. Validation of neonatal and pediatric antimicrobial stewardship treatment algorithms in rapid diagnostic-detected bacteremia. *Int J Pharm Pract* 2021 Jun 26. [Epub ahead of print]
- Armahizer M, **Kruger Howard A**, Seung H, et al. Risk factors for hypoglycemia with the use of enteral glyburide in neurocritical care patients. *World Neurosurg* 2021;147:e63-e68.
- **Nicol MR**, McRae M. Treating viruses in the brain: perspectives from NeuroAIDS. *Neurosci Lett* 2021;748:135691.
- Lofgren SM, **Nicol MR**, Kandole TK, et al. Short communication: a descriptive analysis of dried blood spot adherence testing among Ugandans with HIV presenting with cryptococcal meningitis. *AIDS Res Hum Retroviruses* 2021;37:529-33.
- **Schellhase EM**, Hendricks S, Hasan I, et al. Integration of intercultural learning into an international advanced pharmacy practice experience in London, England. *Pharmacy* 2021;9:37.
- Dascanio SA, **Schellhase EM**, Miller ML, **Malhotra JV**, et al. Critical moments in student learning on international advanced pharmacy practice experiences (APPEs). *Curr Pharm Teach Learn* 2021;13:672-7.

Other Notable Achievements

- **Melanie Nicol**: Guest Editor of *Clinical Pharmacology & Therapeutics* themed issue: Therapeutic Innovations in Infectious Diseases, April 2021, Volume 9, Issue 4.

Health Equity PRN

Promotions

- **John Allen:** Clinical Associate Professor, University of Florida College of Pharmacy.
- **Jasmin Eugene:**
Oncology Clinical Assistant Professor, Xavier University of Louisiana, New Orleans, Louisiana.
Oncology Clinical Pharmacist, University Medical Center, New Orleans, Louisiana.
- **Melissa Santibañez:** Assistant Professor, Department of Pharmacy Practice, Nova Southeastern University College of Pharmacy.

Awards

- **Omolola A. Adeoye-Olatunde:** AACP Social and Administrative Sciences Section Best Poster Award.
- **John Allen:** 2021 Huy D. Huynh Hall of Fame Award (Faculty category), University of Florida Office of Asian Pacific Islander Desi Affairs.
- **Kent Owusu:** Fellow of Neurocritical Care (FNCS), Neurocritical Care Society, 2021.

Grants

- **Abdul-Mutakabbir JC, Fletcher HM:** Determining the Mediators of Resistance of SPR206, a Novel Polymyxin Derivative, in *Acinetobacter baumannii*. Loma Linda University GRASP Grant (\$75,000, Role: Co-principal Investigator).
- **Adeoye-Olatunde O:**
Indiana Clinical and Translational Sciences Institute (CTSI). Pilot Funding for Research Use of Core Facilities. Social Determinants of Health (SDOH) and Medication Adherence Among Chronically Ill Older Adults in the United States (\$8,500, Role: Principal Investigator).
Marion County Public Health Department, City of Indianapolis, and Resolve to Save Lives. COVID-19 Community Recovery Grant 21101970. Addressing Food Insecurity and COVID-19 Vaccine Hesitancy and Accessibility: A Novel Mass Vaccination Model for Vulnerable Communities (\$9,000, Role: Principal Investigator).
Indiana Department of Health, Community Health Workers Model – COVID-19 Health Equity Council (\$427,425, Role: Co-investigator).
- **Allen JM:** Florida-California Cancer Research, Education & Engagement (CaRE2) Health Equity Center, National Cancer Institute (\$42,118.37, Role: Co-investigator).
- **Smith S:** Improving Access to COVID-19 Testing in the Homeless Population Symba Center (\$30,000, Role: Principal Investigator).

Presentations

- **Abdul-Mutakabbir JC.** The importance of Black pharmacists in creating equitable access to the COVID-19 vaccines. Presented at: National Pharmaceutical Association; July 2021; virtual.
- **Abdul-Mutakabbir JC.** A multifaceted approach to provide the equitable delivery of COVID-19 vaccines in the Black community. Oral presentation at: ECCMID 2021; July 2021; virtual.
- **Morrisette T, Abdul-Mutakabbir JC.** Activities of omadacycline alone and in combination with rifampin against *Staphylococcus aureus* and *Staphylococcus epidermidis* in biofilm time-kill analyses and a novel in vitro biofilm model. Poster to be presented at: ASM Microbe 2021 Meeting; June 2021; virtual.
- **Rebold N, Abdul-Mutakabbir JC, Rybak MJ.** Evaluation of positive blood cultures on patient outcomes with COVID-19. July 2021. Poster to be presented at: ECCMID 2021 Meeting; July 2021; virtual.
- **Adeoye-Olatunde OA.** Building inclusive learning environments. Panelist: American Pharmacists Association Academy of Pharmaceutical Research & Science Postgraduate Forum; April 2021; virtual.
- **Adeoye-Olatunde OA, Hastings T, Willett K, et al.** A retrospective analysis of underrepresented minority and international faculty in US schools/colleges of pharmacy. Poster presented at: AACP Annual Meeting; July 2021; virtual.
- **Moore TS, Walkes S, Durham M, Moralez C, Allen JM.** What ARE we doing? An examination of diversity, equity, inclusion and anti-racism efforts at AACP and member institutions. Presented at: AACP Pharmacy Education 2021; July 2021; virtual.
- **Santibañez M.** Beyond the shakes: treatment of alcohol withdrawal in the critically ill. To be presented at: FSHP Annual Meeting's critical care track; August 2021; Orlando, FL.
- **Santibañez M.** Burnout in pharmacy practice: COVID and beyond! Presented at: Nova Southeastern University 32nd Annual Contemporary Pharmacy Issues Conference; May 2021; virtual.
- **Santibañez M, Fernandez D.** Strategies to achieve active learning in the classroom. Roundtable presented at: annual NSU COP faculty development series; May 2021; virtual.
- **Duque A, Arrighi S, Sanchez D, Santibañez M.** Pharmacotherapy management for heart failure with recovered ejection fraction. Encore poster presentation at: ACCP Poster Symposium; May 2021; virtual.
- **Smith S.** New recommendations for tobacco cessation treatment. Presented at: ADCES Annual Conference 2021; August 2021; virtual.

- **Westerhof L.** Implementation of an outpatient antimicrobial stewardship program by ambulatory clinical pharmacists. Multidisciplinary Continuing Education Seminar. Presented at: Illinois Summit on Antimicrobial Stewardship, Illinois Department of Public Health; July 2021; virtual.
- **Westerhof L.** The role of the pharmacist in addressing racial health disparities. Lunch & Learn Continuing Education Seminar for pharmacists and pharmacy technicians. Presented at: Mercy Health Saint Mary's Department of Pharmacy; March 2021; Grand Rapids, MI.
- Foreman B, **Westerhof L**, Benzer J, et al. Impact of order sentence implementation on outpatient antibiotic prescribing for UTI and SSTI. Oral abstract presented at: 36th Annual Great Lakes Pharmacy Resident Conference; April 2021; virtual.

Publications

- Marcelin JR, Swartz TH, Bernice F, Berthaud V, Christian R, da Costa C, Fadul N, Floris-Moore M, Hlatshwayo M, Johansson P, Kullar R, Manning K, McGee EU, Medlin C, Piggott DA, Syed U, Snowden J, Tan T, **Abdul-Mutakabbir JC.** Addressing and inspiring vaccine confidence in Black, Indigenous, and People of Color (BIPOC) during the COVID-19 pandemic. *Open Forum Infect Dis* 2021 Aug 9. [Epub ahead of print]
- Marcelin JR, Fadul N, Cawcutt KA, **Abdul-Mutakabbir JC.** Diversity in probiotics and diversity in clinical trials: opportunities for improvement. *Infect Control Hosp Epidemiol* 2021 Jul 30. [Epub ahead of print]
- **Abdul-Mutakabbir JC,** Yim J, Nguyen L, et al. In-vitro synergy of colistin in combination with meropenem or tigecycline against carbapenem-resistant *Acinetobacter baumannii*. *Antibiotics* 2021 Jul 20. [Epub ahead of print]
- Bissell B, Grieve V, Johnston J, Newsome A, Smith R, Bastin M, **Abdul-Mutakabbir J,** et al. Gender inequality and sexual harassment in the pharmacy profession: evidence and call to action. *Am J Health Syst Pharm* 2021 Jul 7. [Epub ahead of print]
- **Abdul-Mutakabbir JC,** Nguyen L, Kebriaei R, et al. In vitro antibacterial activity of cefiderocol against multidrug-resistant *Acinetobacter baumannii*. *Antimicrob Agents Chemother* 2021;65:e0264620.
- Peteet B, Belliard JC, **Abdul-Mutakabbir J,** et al. Community-academic partnerships to reduce COVID-19 vaccine hesitancy in minoritized communities. *EClinicalMedicine* 2021;34:100834.
- **Abdul-Mutakabbir JC,** Casey S, Jews V, et al. A three-tiered approach to address barriers in COVID-19 vaccine delivery within the Black

- community. *Lancet Glob Health* 2021;9:e749-e750.
- **Allen JM, Abdul-Mutakabbir JC, Campbell HE,** et al. Ten recommendations to increase Black representation within pharmacy organization leadership. *Am J Health Syst Pharm* 2021;78:896-902.
- **Adeoye-Olatunde OA,** Vlashyn OO, Illingworth-Plake KS, et al. A mixed-methods study of pharmacy instructors' early experiences with a teaching electronic medical record. *Curr Pharm Teach Learn* 2021;13:1180-93.
- **Adeoye-Olatunde OA,** Olenik NL. Research and scholarly methods: semi-structured interviews. *J Am Coll Clin Pharm* 2021 Apr 19. [Epub ahead of print]
- Bryan MA, Charron E, **Adeoye-Olatunde OA,** et al. Concomitant cannabis misuse and associations with depression, pain and substance misuse among patients prescribed opioids. *Pharmacy* 2021;9:134.
- **Allen JM, Egelund EF,** Santevecchi BA, et al. Impact of supplemental individual verbal defense on confidence, engagement, and performance in a team-based learning therapeutics course. *Curr Pharm Teach Learn* 2021;13:152-8.
- **Allen JM,** Feild C, Shoulders B, et al. Comparison of common piperacillin-tazobactam dosing strategies in patients with septic shock. *Crit Care Med* 2021;49(suppl 11):423.
- Feild C, **Allen J,** Shoulders B, et al. Impact of a multimedia approach to rapid response team training in a pharmacy critical care elective. *Crit Care Med* 2021;49(suppl 11):443.
- Ameli PA, Ammar AA, **Owusu KA,** et al. Evaluation and management of seizures and status epilepticus. *Neurol Clin* 2021;39:513-44.
- Ammar AA, Ammar MA, **Owusu KA,** et al. Andexanet alfa versus 4-factor prothrombin complex concentrate for reversal of factor Xa inhibitors in intracranial hemorrhage. *Neurocrit Care* 2021;35:255-61.
- Farrokh S, Roels C, **Owusu KA,** et al. Alcohol withdrawal syndrome in neurocritical care unit: assessment and treatment challenges. *Neurocrit Care* 2021;34:593-607.
- Farrokh S, Roels C, **Owusu KA,** et al. Alcohol withdrawal syndrome in neurocritical care unit: nicotine replacement therapy and thiamine deficiency. *Neurocrit Care* 2021;34:707-8.
- Katz JB, **Owusu K,** Nussbaum I, et al. Pearls and pitfalls of introducing ketogenic diet in adult status epilepticus: a practical guide for the intensivist. *J Clin Med* 2021;10:881.
- Meizlish ML, Goshua G, Liu Y, Fine R, Amin K, Chang E, DeFilippo N, Keating C, Liu Y, Mankbadi M, McManus D, Wang SY, Price C, Bona RD, Chaar CIO, Chun HJ, Pine AB, Rinder HM, Siner JM, Neuberg DS, **Owusu KA,** et al. Intermediate-dose

- anticoagulation, aspirin, and in-hospital mortality in COVID-19: a propensity score-matched analysis. *Am J Hematol* 2021;96:471-9.
- Rhoney DH, La M, Merz M, Cook A, **Owusu KA**, et al. Inactivated four-factor prothrombin complex concentrate dosing practices for reversal of warfarin-related intracranial hemorrhage. *Neurocrit Care* 2021;35:130-8.
 - Thompson Bastin ML, Berger K, Adams CD, **Owusu K**, et al. Adapting clinical pharmacy staffing models during the COVID-19 pandemic: lessons learned and considerations for future disaster planning. *J Am Coll Clin Pharm* 2021;4:10-9.
 - **Pastakia SD**, Kosgei WK, Christoffersen-Deb A, et al. Risk of dysglycemia in pregnancy amongst Kenyan women with HIV infection: a nested case-control analysis from the STRIDE study. *J Diabetes Res* 2021;2021:8830048.
 - Dong R, Leung C, Naert MN, Naanyu V, Kiptoo P, Matelong W, Matini E, Orango V, Bloomfield GS, Edelman D, Fuster V, Manyara S, Menya D, **Pastakia SD**, et al. Chronic disease stigma, skepticism of the health system, and socio-economic fragility: qualitative assessment of factors impacting receptiveness to group medical visits and microfinance for non-communicable disease care in rural Kenya. *PLoS One* 2021;16:e0248496.
 - Genberg BL, Wachira J, Steingrimsson JA, **Pastakia S**, et al. Integrated community-based HIV and non-communicable disease care within microfinance groups in Kenya: study protocol for the Harambee cluster randomised trial. *BMJ Open* 2021;11:e042662.
 - Genberg BL, Wilson-Barthes MG, Omodi V, Hogan JW, Steingrimsson J, Wachira J, **Pastakia S**, et al. Microfinance, retention in care, and mortality among patients enrolled in HIV 2 care in East Africa. *AIDS* 2021 Jun 10. [Epub ahead of print]
 - Tran DN, Were PM, Kangogo K, Amisi JA, Manji I, **Pastakia SD**, et al. Supply-chain strategies for essential medicines in rural western Kenya during COVID-19. *Bull World Health Organ* 2021;99:388-92.
 - Vedanthan R, Kamano JH, Chrysanthopoulou SA, Mugo R, Andama B, Bloomfield GS, Chesoli CW, DeLong AK, Edelman D, Finkelstein EA, Horowitz CR, Manyara S, Menya D, Naanyu V, Orango V, **Pastakia SD**, et al. Group medical visit and microfinance intervention for patients with diabetes or hypertension in Kenya. *J Am Coll Cardiol* 2021;77:2007-18.
 - **Santibañez M**, Sedlacek J, Parmar J. Perceptions regarding training across four domains of pharmacy practice: a survey of new pharmacist practitioners. *J Am Coll Clin Pharm* 2021;4:622-30.

- Boylan PM, **Santibañez M**, Lounsbury N, et al. A nonthrombotic pulmonary embolus caused by polyalkylimide dermal filler: a case report and literature review of medication management. *J Am Pharm Assoc* 2021;61:e324-e331.
- Condeni MS, Basting AT, Costello PG, DePriest A, Eriksson EA, Evans H, Hertel K, Holder AL, Kester AN, Kowalski KR, Bell CM, McLean B, Reichert M, **Santibañez M**, et al. Major publications in the critical care pharmacotherapy literature: 2019. *J Crit Care* 2021;62:197-205.
- **Westerhof LR**, Dumkow LE, Hanrahan TL, et al. Outcomes of an ambulatory care pharmacist-led antimicrobial stewardship program within a family medicine resident clinic. *Infect Control Hosp Epidemiol* 2021;42:715-21.

Other Notable Achievements

- **Omolola (Lola) A. Adeoye-Olatunde**: 2021 NIH-National Institute on Minority Health and Health Disparities (NIMHD) Health Disparities Research Institute Scholar.

Health Outcomes PRN

Awards

- **Omolola (Lola) A. Adeoye-Olatunde**: AACP Social and Administrative Sciences Section Poster Award.

Grants

- **Omolola (Lola) A. Adeoye-Olatunde**: Social Determinants of Health (SDOH) and Medication Adherence Among Chronically Ill Older Adults in the United States. Pilot Funding for Research Use of Core Facilities. Indiana Clinical and Translational Sciences Institute (CTSI). Principal Investigator (\$8,500).
Addressing Food Insecurity and COVID-19 Vaccine Hesitancy and Accessibility: A Novel Mass Vaccination Model for Vulnerable Communities. Marion County Public Health Department, City of Indianapolis, and Resolve to Save Lives. COVID-19 Community Recovery Grant 21101970. Principal Investigator (\$9,000).

Publications

- **Adeoye-Olatunde OA**, Olenik NL. Research and scholarly methods: semi-structured interviews. *J Am Coll Clin Pharm* 2021 Apr 19. [Epub ahead of print]
- **Adeoye-Olatunde OA**, Vlashyn OO, Illingworth-Plake KS, et al. A mixed-methods study of pharmacy instructors' early experiences with a teaching electronic medical record. *Curr Pharm Teach Learn*

2021;13:1180-93.

- **Baker WL, Sobieraj DM.** Research and scholarly methods: meta-analysis. *J Am Coll Clin Pharm* 2021 Apr 13. [Epub ahead of print]
- **Sobieraj DM, Baker WL.** Research and scholarly methods: systematic reviews. *J Am Coll Clin Pharm* 2021;4:849-54.
- Dixon DL, **Sobieraj DM**, Brown RE, Koenig RA, Wagner M, **Baker WL.** A bibliometric analysis of peer-reviewed journal publications of pharmacy practice department chairs. *Am J Pharm Educ* 2021 May. [Epub ahead of print]
- Doyno C, **Sobieraj DM, Baker WL.** Toxicity of chloroquine and hydroxychloroquine following their therapeutic use or overdose. *Clin Toxicol* 2021;59:12-23.

Other Notable Achievements

- **Omolola (Lola) A. Adeoye-Olatunde:** 2021 NIH-National Institute on Minority Health and Health Disparities (NIMHD) Health Disparities Research Institute Scholar.

Hematology/Oncology PRN

Promotions

- **Ashley Glode:** Associate Professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, June 2021.
- **Jennifer Thackray:** Clinical Pharmacy Specialist III, promoted through the Pharmacy Career Development and Achievement Program, Memorial Sloan Kettering Cancer Center.

Awards

- **Ashley Glode:**
2021 ASCO Advocacy Champion at the Senator's Club level.
2021 University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences Excellence in Precepting Award for Ambulatory Care Pharmacy.
- **Jennifer Thackray:** 2021 Ralph D. Bienfang Outstanding Practitioner Award, University of Oklahoma College of Pharmacy Alumni Association.

Publications

- AISaad T, Yousif T, Saleh A, **Ahmed H**, et al. Hepatic sinusoidal obstruction syndrome post-chemotherapy in pediatric and adolescent age: case series of six patients in Qatar. *Ann Hematol* 2021 Apr 21. [Epub ahead of print]

- Almangour TA, Alruwaili A, Almutairi R, Alrasheed A, Alhifany AA, Eljaaly K, Alkofide H, **Alhammad AM**, et al. Aerosolized plus intravenous colistin vs intravenous colistin alone for the treatment of nosocomial pneumonia due to multidrug-resistant gram-negative bacteria: a retrospective cohort study. *Int J Infect Dis* 2021;108:406-12.
- Luczak T, Brown SJ, **Armbruster D**, et al. Strategies and settings of clinical pharmacogenetic implementation: a scoping review of pharmacogenetics programs. *Pharmacogenomics* 2021;22:345-64.
- **Arnall JR**, Tran T, Elmes J, Downing L, DiSogra K, **Moore DC.** Comparative utilization and efficacy of thrombopoietin receptor agonists in relapsed/refractory immune thrombocytopenia. *Am J Ther* 2020 Jan 8. [Epub ahead of print]
- Patel JN, **Arnall J**, Jandrisevits E, et al. Pharmacogenomics-guided supportive oncology: a tale of two trials. *Contemp Clin Trials* 2021;105:106391.
- Wooten KM, **Arnall JR**, Bowser KM, Pennell LJ, Wade-Davis JN, Olin JL, Taylor M, **Moore DC.** Publication rates of hematology/oncology abstracts presented at major pharmacy association meetings. *J Oncol Pharm Pract* 2021 Mar 27. [Epub ahead of print]
- Behbahany K, **Bubalo J.** Capsule-related dysphagia and the use of netupitant/palonosetron (Akynzeo™) capsules – a report of two cases and a solution. *J Oncol Pharm Pract* 2021;27:1284-6.
- Gilreath J, Lo M, **Bubalo J.** Thrombopoietin receptor agonists (TPO-RAs): drug class considerations for pharmacists. *Drugs* 2021;81:1258-305.
- Gu TM, Lewis J, Le H, **Bubalo JS.** Comparative effects of fluconazole, posaconazole, and isavuconazole upon tacrolimus and cyclosporine serum concentrations. *J Oncol Pharm Pract* 2021 Jul 1. [Epub ahead of print]
- Newell LF, Dunlap J, Gatter K, Bagby GC, Press RD, Cook RJ, Fletcher L, Leonard JT, Leong KM, **Bubalo JS**, et al. Graft-versus-host disease after liver transplantation is associated with bone marrow failure, hemophagocytosis, and DNMT3A mutations. *Am J Transplant* 2021 May 7. [Epub ahead of print]
- **Burkhard A**, Toliver J, Rascati K. Association between multiple sclerosis disease severity and adherence to disease-modifying therapies. *J Manag Spec Pharm* 2021;27:915-23.
- Sandow LP, **Cannon LA**, Weston NR, et al. The clinical applicability of primary thromboprophylaxis in ambulatory patients with pancreatic cancer. *Pancreas* 2021;50:494-9.

- Adesta F, Mahendra C, Junusmin KI, Rajah AMS, Goh S, Sani L, **Chan A**, et al. Pharmacogenomics implementation training improves self-efficacy and competency to drive adoption in clinical practice. *Front Pharmacol* 2021;12:684907.
- Chan RJ, Cooper B, Gordon L, Hart N, Tan CJ, Koczwara B, Kober KM, **Chan A**, et al. Distinct employment interference profiles in patients with breast cancer prior to and for 12 months following surgery. *BMC Cancer* 2021;21:883.
- Hertz DL, Childs DS, Park SB, Faithfull S, Ke Y, Ali NT, McGlown SM, **Chan A**, et al. Patient-centric decision framework for treatment alterations in patients with chemotherapy-induced peripheral neuropathy (CIPN). *Cancer Treat Rev* 2021;99:102241.
- Koh YQ, Ng DQ, Ng CC, Boey A, Wei M, Sze SK, Ho HK, Acharya M, Limoli CL, **Chan A**. Extracellular vesicle proteome of breast cancer patients with and without cognitive impairment following anthracycline-based chemotherapy: an exploratory study. *Biomark Insights* 2021;16:11772719211018204.
- Mayo SJ, Lustberg M, Dhillon HM, Nakamura ZM, Allen DH, Von Ah D, Janelsins MC, **Chan A**, et al. Cancer-related cognitive impairment in patients with non-central nervous system malignancies: an overview for oncology providers from the MASCC Neurological Complications Study Group. *Support Care Cancer* 2021;29:2821-40.
- Oh HS, **Chan A**, Seo HJ. Prescribing patterns in breast cancer survivors: a Korean National Health Insurance Service cohort study. *Int J Clin Pharmacol Ther* 2021;59:358-65.
- Tan CJ, Kumar R, Koomanan N, Loo WS, Farid M, Tao M, Somasundaram N, Poon E, Chan JY, Yang VS, Chang E, Lim ST, Chow WC, **Chan A**, et al. Clinical and economic evaluation of a surveillance protocol to manage hepatitis B virus (HBV) reactivation among lymphoma patients with resolved HBV infection receiving rituximab. *Pharmacotherapy* 2021;41:332-41.
- Yap NY, Toh YL, Tan CJ, Acharya MM, **Chan A**. Relationship between cytokines and brain-derived neurotrophic factor (BDNF) in trajectories of cancer-related cognitive impairment. *Cytokine* 2021;144:155556.
- Kim SI, Szeto AH, Morgan KP, Brower B, Dunn MW, Khandani AH, Godley PA, Rose TL, Basch EM, Milowsky MI, Whang YE, **Crona DJ**. A real-world evaluation of radium-223 in combination with abiraterone or enzalutamide for the treatment of metastatic castration-resistant prostate cancer. *PLoS One* 2021;16:e0253021.
- Maffuid KA, Koyioni M, Torrice CD, Murphy WA, Mewada HK, Koutentis PA, **Crona DJ**, et al. Design and evaluation of 1,2,3-dithiazoles and fused 1,2,4-dithiazines as anti-cancer agents. *Bioorg Med Chem Lett* 2021;43:128078.
- Zhu J, Campagne O, Torrice CD, Flynn G, Miller JA, Patel T, Suzuki O, Ptachcinski JR, Armistead PM, Wiltshire T, Mager DE, Weiner DL, **Crona DJ**. Evaluation of the performance of a prior tacrolimus population pharmacokinetic kidney transplant model among adult allogeneic hematopoietic stem cell transplant patients. *Clin Transl Sci* 2021;14:908-18.
- Tichy EM, Hoffman JM, Suda KJ, Rim MH, Tadrous M, **Cuellar S**, et al. National trends in prescription drug expenditures and projections for 2021. *Am J Health Syst Pharm* 2021;78:1294-308.
- Chen Z, Cheng Y, **DeRemer D**, et al. Cost-effectiveness and drug wastage of immunotherapeutic agents for hematologic malignancies: a systematic review. *Expert Rev Pharmacoecon Outcomes Res* 2021 May 2. [Epub ahead of print]
- George TJ, Ali A, Wang Y, Lee JH, Ivey AM, **DeRemer D**, et al. Phase II study of 5-fluorouracil, oxaliplatin plus dasatinib (FOLFOX-D) in first-line metastatic pancreatic adenocarcinoma. *Oncologist* 2021 Jun 8. [Epub ahead of print]
- Ramnarain BH, Chatzkel JA, Al-Mansour ZA, Rogers S, Jones D, **DeRemer D**, et al. Immunotherapy management in special cancer patient populations. *JCO Oncol Pract* 2021;17:240-5.
- Tantawy M, Chekka LM, Huang Y, Garrett TJ, Singh S, Shah CP, Cornell RF, Baz RC, Fradley MG, Waheed N, **DeRemer DL**, et al. Lactate dehydrogenase B and pyruvate oxidation pathway associated with carfilzomib-related cardiotoxicity in multiple myeloma patients: result of a multi-omics integrative analysis. *Front Cardiovasc Med* 2021;8:645122.
- Waheed N, Fradley MG, **DeRemer DL**, et al. Newly diagnosed cardiovascular disease in patients treated with immune checkpoint inhibitors: a retrospective analysis of patients at an academic tertiary care center. *Cardiooncology* 2021;7:10.
- **Elder CT**, Davis EC, Jaipal S, et al. Immune-checkpoint inhibitor toxicity during a pandemic: overcoming patient fears to provide care. A case report. *J Oncol Pharm Pract* 2021 Apr 24. [Epub ahead of print]
- Manzor Mitrzyk B, Plegue MA, Kadri R, Danak SU, Hubbard JD, Kaip EA, Roberson DN, Roy S, Guetterman TC, Ellingrod VL, **Farris KB**, et al. Pharmacogenomic testing for mental health (part II): qualitative analysis of early adopter prescriber perceptions. *Per Med* 2021;18:233-40.
- Smith LJ, Mattison D, Gross M, Trupiano N, Fitzgerald M, Patterson V, Ursuy P, **Farris K**, et al. A framework and recommendations to recruit and engage faculty facilitators for large-scale IPE events. *J Allied Health* 2021;50:111-6.

- Barbier RH, McCrea EM, Lee KY, Strobe JD, Risdon EN, Price DK, Chau CH, **Figg WD**. Abiraterone induces SLCO1B3 expression in prostate cancer via microRNA-579-3p. *Sci Rep* 2021;11:10765.
- Cordes LM, Schmidt KT, Peer CJ, Chau CH, Redmond E, Francis D, Karzai F, Madan RA, **Figg WD**. Study to compare capsule and liquid formulations of enzalutamide after single-dose administration under fasting conditions in prostate cancer. *Oncologist* 2021 Aug 1. [Epub ahead of print]
- Doan DK, Schmidt KT, Chau CH, **Figg WD**. Germline genetics of prostate cancer: prevalence of risk variants and clinical implications for disease management. *Cancers (Basel)* 2021;13:2154.
- Lochrin SE, Turkbey B, Gasmi B, Schmidt K, Strobe JD, Chau CH, Sissung TM, Price DK, Cordes L, Markolovic S, Wood BJ, Pinto PA, McKinney YL, Shih JH, Levy E, Madan R, Dahut W, Choyke PL, Merino M, **Figg WD**. Pilot study of gadoxetate disodium-enhanced MRI for localized and metastatic prostate cancers. *Sci Rep* 2021;11:5662.
- Schmidt KT, Huitema ADR, Chau CH, **Figg WD**. Resistance to second-generation androgen receptor antagonists in prostate cancer. *Nat Rev Urol* 2021;18:209-26.
- Sissung TM, Cordes LM, **Figg WD**. The Dietary Supplement Health and Education Act: are we healthier and better informed after 27 years? *Lancet Oncol* 2021;22:915-6.
- Thomas A, Takahashi N, Rajapakse VN, Zhang X, Sun Y, Ceribelli M, Wilson KM, Zhang Y, Beck E, Sciuto L, Nichols S, Elenbaas B, Puc J, Dahmen H, Zimmermann A, Varonin J, Schultz CW, Kim S, Shimellis H, Desai P, Klumpp-Thomas C, Chen L, Travers J, McKnight C, Michael S, Itkin Z, Lee S, Yuno A, Lee MJ, Redon CE, Kindrick JD, Peer CJ, Wei JS, Aladjem MI, **Figg WD**, et al. Therapeutic targeting of ATR yields durable regressions in small cell lung cancers with high replication stress. *Cancer Cell* 2021;39:566-79.e7.
- Wang J, Yeung BZ, Wientjes MG, Cui M, Peer CJ, Lu Z, **Figg WD**, et al. A quantitative pharmacology model of exosome-mediated drug efflux and perturbation-induced synergy. *Pharmaceutics* 2021;13:997.
- Wu J, Yuan Y, Long Priel DA, Fink D, Peer CJ, Sissung TM, Su YT, Pang Y, Yu G, Butler MK, Mendoza TR, Vera E, Ahmad S, Bryla C, Lindsley M, Grajkowska E, Mentges K, Boris L, Antony R, Garren N, Siegel C, Lollo N, Cordova C, Aboud O, Theeler BJ, Burton EM, Penas-Prado M, Leeper H, Gonzales J, Armstrong TS, Calvo KR, **Figg WD**, et al. Phase I study of zotiraciclib in combination with temozolomide for patients with recurrent high-grade astrocytomas. *Clin Cancer Res* 2021;27:3298-306.
- **Glode AE**, May MB. Immune checkpoint inhibitors: significant advancements in non-small cell lung cancer treatment. *Am J Health Syst Pharm* 2021;78:769-80.
- **Goodner JA**, Likar EJ, Hoff AL, et al. Clinical impact of sugammadex in the reversal of neuromuscular blockade. *Cureus* 2021;13:e15413.
- Allison A, Shahan J, **Goodner J**, et al. Providing essential clinical pharmacy services during a pandemic: virtual video rounding and precepting. *Am J Health Syst Pharm* 2021 May 14. [Epub ahead of print]
- Ciurea SO, Kongtim P, Soebbing D, Trikha P, Behbehani G, Rondon G, Olson A, Bashir Q, **Gulbis AM**, et al. Decrease post-transplant relapse using donor-derived expanded NK-cells. *Leukemia* 2021 Jul 26. [Epub ahead of print]
- Nieto Y, Gruschkus S, Valdez BC, Jones RB, Anderlini P, Hosing C, Popat U, Qazilbash M, Kebriaei P, Alousi A, Saini N, Srour S, Rezvani K, Ramdial J, Barnett M, **Gulbis A**, et al. Improved outcomes of high-risk relapsed Hodgkin lymphoma patients after high-dose chemotherapy: a 15-year analysis. *Haematologica* 2021 May 6. [Epub ahead of print]
- Ragoonanan D, Khazal SJ, Abdel-Azim H, McCall D, Cuglievan B, Tambaro FP, Ahmad AH, Rowan CM, Gutierrez C, Schadler K, Li S, Di Nardo M, Chi L, **Gulbis AM**, et al. Diagnosis, grading and management of toxicities from immunotherapies in children, adolescents and young adults with cancer. *Nat Rev Clin Oncol* 2021;18:435-53.
- Saberian C, Abdel-Wahab N, Abudayyeh A, Rafei H, Joseph J, Rondon G, Whited L, Gruschkus S, Fa'ak F, Daher M, Knape C, Safa H, Shoukier M, Suarez-Almazor ME, Marcotulli M, Ludford K, **Gulbis AM**, et al. Post-transplantation cyclophosphamide reduces the incidence of acute graft-versus-host disease in patients with acute myeloid leukemia/myelodysplastic syndromes who receive immune checkpoint inhibitors after allogeneic hematopoietic stem cell transplantation. *J Immunother Cancer* 2021;9:e001818.
- Lee JC, Lin PH, **Haaf CM**. Opportunities for recruiting international graduates of doctor of pharmacy programs for residency training: an academic health center perspective. *Am J Health Syst Pharm* 2021;78:1137-44.
- **Hanks CR**, Slain D, Kanate AS, et al. Impact of anti-anaerobic antibiotic activity on graft-versus-host disease in allogeneic hematopoietic stem cell transplant (HSCT) recipients at an institution that utilizes antibiotic cycling. *Transpl Infect Dis* 2021 Jun 24. [Epub ahead of print]

- Rubiera-Pebe R, **Hicks JK**, Tanvetyanon T. Efficacy of tyrosine kinase inhibitors against lung cancer with EGFR exon 18 deletion: case report and pooled analysis. *Cancer Treat Res Commun* 2021;28:100407.
- **Holle LM**, Bilse T, Alabelewe RM, Kintzel PE, Kandemir EA, Tan CJ, Weru I, Chambers CR, Dobish R, Handel E, Tewthanom K, Saeteaw M, Dewi LKM, **Schwartz R**, Bernhardt B, Garg M, Chatterjee A, Manyau P, **Chan A**, et al. International Society of Oncology Pharmacy Practitioners (ISOPP) position statement: role of the oncology pharmacy team in cancer patient care. *J Oncol Pharm Pract* 2021;27:785-801.
- Deneff M, **Holle L**, Fitzgerald J, et al. A novel approach to pharmacy practice law instruction. *Pharmacy* 2021;9:75.
- Mak V, Fitzgerald J, **Holle L**, et al. Meeting pharmacy educational outcomes through effective use of simulation during COVID-19. *Curr Pharm Teach Learn* 2021;7:739-42.
- Reece SM, **Holle L**, Mukherjee K. Survey of pharmacists' knowledge of Connecticut's medical cannabis program. *Cannabis Cannabinoid Res* 2021;6:66-73.
- Sawtelle L, **Holle LM**. Use of cannabis and cannabinoids in patients with cancer. *Ann Pharmacotherapy* 2021;55:870-980.
- **Hossain S**, Naber M, Yacobucci MJ. A retrospective observational study of a low fixed-dose rasburicase protocol for the treatment of tumor lysis syndrome in adults. *J Oncol Pharm Pract* 2021 Jun 11. [Epub ahead of print]
- Moore WJ, Webb A, Morrisette T, Sullivan LK, Alosaimy S, **Hossain S**, et al. Impact of COVID-19 pandemic on training of pharmacy residents and fellows: results from a national survey of postgraduate pharmacy trainees. *Am J Health Syst Pharm* 2021;78:1104-11.
- Yu A, **Huang E**, Abe M, et al. Cost-effectiveness analyses of targeted therapy and immunotherapy for advanced non-small cell lung cancer in the United States: a systematic review. *Expert Rev Pharmacoecon Outcomes Res* 2021;21:381-93.
- **Kolesar JM**, Vermeulen LC. Precision medicine: opportunities for health-system pharmacists. *Am J Health Syst Pharm* 2021;78:999-1003.
- Bissell BD, Johnston JP, Smith RR, Newsome AS, Thompson Bastin ML, Abdul-Mutakabbir J, Barlow A, Barlow B, Berger K, Crow JR, Dixit D, Jacobi J, Karaoui LR, Kiser TH, **Kolesar J**, et al. Gender inequity and sexual harassment in the pharmacy profession: evidence and call to action. *Am J Health Syst Pharm* 2021 Jul 7. [Epub ahead of print]
- Hill KS, McDowell A, McCorkle JR, Schuler E, Ellingson SR, Plattner R, **Kolesar JM**. KEAP1 is required for artesunate anticancer activity in non-small-cell lung cancer. *Cancers (Basel)* 2021;13:1885.
- Chilimuri S, Sun H, Alemam A, Kang KS, **Lao P**, et al. Tocilizumab use in patients with moderate to severe COVID-19: a retrospective cohort study. *J Clin Pharm Ther* 2021;46:440-6.
- Zeana C, Palmieri FE, Gupta V, Ye G, **Lao P**, et al. Association between fluoroquinolone utilization rates and susceptibilities of gram-negative bacilli: results from an 8-year intervention by an antibiotic stewardship program in an inner-city United States hospital. *Sci Prog* 2021;104:368504211011876.
- Myers DD Jr, Ning J, **Lester P**, et al. E-selectin inhibitor is superior to low-molecular-weight heparin for the treatment of experimental venous thrombosis. *J Vasc Surg Venous Lymphat Disord* 2021 Apr 17. [Epub ahead of print]
- Najafabadi AH, Abadi ZIN, Aikins ME, Foulds KE, Donaldson MM, Yuan W, Okeke EB, Nam J, Xu Y, Weerappuli P, Hetrick T, Adams D, **Lester PA**, et al. Vaccine nanodiscs plus poly(I)CLC elicit robust CD8+ T cell responses in mice and non-human primates. *J Control Release* 2021;337:168-78.
- Xu JJ, Renner DM, **Lester PA**. Strength and sterility of stock and diluted carprofen over time. *J Am Assoc Lab Anim Sci* 2021;60:470-4.
- Fu C, Zheng Y, **Lin K**, et al. Neuroprotective effect of apigenin against hypoxic-ischemic brain injury in neonatal rats via activation of the PI3K/Akt/Nrf2 signaling pathway. *Food Funct* 2021;12:2270-81.
- Shiuian E, Reddy A, Dudzinski SO, Lim AR, Sugiura A, Hongo R, Young K, Liu XD, Smith CC, O'Neal J, Dahlman KB, **McAlister R**, et al. Clinical features and multiplatform molecular analysis assist in understanding patient response to anti-PD-1/PD-L1 in renal cell carcinoma. *Cancers (Basel)* 2021;13:1475.
- Sitthi-Amorn J, Ast A, Harper E, Abbott B, Alsaek Y, Bourland W, Courtney R, Madni A, Sharma A, Spencer C, McCurrach L, Morgan S, **McCormick J**, et al. Reducing time to discharge after chemotherapy by standardizing workflow and providing outpatient intravenous hydration. *Pediatr Qual Saf* 2021;6:e415.
- Burns E, Koca E, Xu J, **McLean E**, et al. Measuring ovarian escape in premenopausal estrogen receptor-positive breast cancer patients on ovarian suppression therapy. *Oncologist* 2021;26:e936-e942.
- Mariam A, Miller-Atkins G, Pantalone KM, Zimmerman RS, Barnard J, Kattan MW, Shah H, **McLeod HL**, et al. Type 2 diabetes subtype responsive to ACCORD intensive glycemia treatment. *Diabetes Care* 2021;44:1410-8.

- Mason NT, Burkett JM, Nelson RS, Pow-Sang JM, Gatenby RA, Kubal T, Peabody JW, Letson GD, **McLeod HL**, et al. Budget impact of adaptive abiraterone therapy for castration-resistant prostate cancer. *Am Health Drug Benefits* 2021;14:15-20.
- Patel JN, Jiang C, Owzar K, Mulkey F, Luzum JA, Mamon HJ, Haller DG, Dragovich T, Alberts SR, Bjarnason G, Willet CG, Niedzwiecki D, Enzinger P, Ratain MJ, Fuchs C, **McLeod HL**. Pharmacogenetic study in gastric cancer patients treated with adjuvant fluorouracil/leucovorin or epirubicin/cisplatin/fluorouracil before and after chemoradiation on CALGB 80101 (Alliance). *Pharmacogenet Genomics* 2021 Jun 18. [Epub ahead of print]
- **Monestime S**, Beech B, Kermah D, et al. Prevalence and predictors of obesity-related cancers among racial/ethnic groups with metabolic syndrome. *PLoS One* 2021;16:e0249188.
- **Monestime S**, Magallon T, Jenkins L, et al. Guidance on implementing an oral chemotherapy drug repository program in a medically integrated pharmacy setting. *JCO Oncol Pract* 2021;17:e448-e453.
- **Moore DC**, Thompson D. A review of the Bruton tyrosine kinase inhibitors in B-cell malignancies. *J Adv Pract Oncol* 2021;21:439-47.
- Hamadeh IS, **Moore DC**, Martin A, et al. Transition from intravenous to subcutaneous daratumumab formulation in clinical practice. *Clin Lymphoma Myeloma Leuk* 2021;21:470-5.
- Patel J, Rainess RA, Benfield MJ, Rogers KML, **Moore DC**, et al. Retrospective analysis of clinical outcomes associated with the use of pegfilgrastim on-body injector in patients receiving chemotherapy requiring granulocyte colony-stimulating factor support. *Hosp Pharm* 2021;56:77-80.
- Vadehra D, Pallas CR, **Moore D**, et al. Observed survival benefit with limited exposure of durvalumab in unresectable stage III non-small cell lung cancer at a large community-based institution. *J Clin Oncol* 2021;39(suppl 15):e20539.
- Wooten KM, Arnall JR, Bowser KM, Pennell LJ, Wade-Davis JN, Olin JL, Taylor M, **Moore DC**. Publication rates of hematology/oncology abstracts presented at major pharmacy association meetings. *J Oncol Pharm Pract* 2021 Mar 27. [Epub ahead of print]
- Jang A, **Nakashima L**, Ng T, et al. A real-world data approach to determine the optimal dosing strategy for pembrolizumab. *J Oncol Pharm Pract* 2021;27:635-43.
- Barreto JN, Bansal R, Hathcock MA, Doleski CJ, Hayne JR, Truong TA, **Nedved AN**, et al. The impact of granulocyte colony stimulating factor on patients receiving chimeric antigen receptor T-cell therapy. *Am J Hematol* 2021 Aug 5. [Epub ahead of print]
- Jeurkar C, Leiby B, Banks J, Leader A, Rudolph S, Mateja G, Rashid SA, Carabasi M, Filicko-O'Hara J, **O'Hara W**, et al. An examination of cytomegalovirus, socioeconomic status, race, and ethnicity on outcomes after haploidentical hematopoietic transplantation. *Transplant Cell Ther* 2021;27:327.e1-327.e11.
- Apostolidou E, Lachowicz C, Juneja HS, Qiao W, **Ononogbu O**, et al. Clinical outcomes of patients with newly diagnosed acute lymphoblastic leukemia in a county hospital system. *Clin Lymphoma Myeloma Leuk* 2021 Jul 4. [Epub ahead of print]
- Strickland SW, **Palkimas S**, Acker M, et al. A novel laboratory assay to monitor unfractionated heparin dosing in patients taking apixaban prior to hospital admission. *J Appl Lab Med* 2021;6:378-86.
- Chen PY, Jheng YC, Huang SE, **Po-Hung Li L**, et al. Gaze shift dynamic visual acuity: a functional test of gaze stability that distinguishes unilateral vestibular hypofunction. *J Vestib Res* 2021;31:23-32.
- **Rice ML**, Barreto JN, Thompson CA, et al. Incidence of *Pneumocystis jirovecii* pneumonia utilizing a polymerase chain reaction-based diagnosis in patients receiving bendamustine. *Cancer Med* 2021;10:5120-30.
- **Rice ML**, Leung JG, Mara KC, et al. Assessment of gender differences in letters of recommendation for pharmacy residency applicants. *Am J Health Syst Pharm* 2021;78:1118-25.
- **Schmitz NS**, Krach LE, Coles LD, et al. Characterizing baclofen withdrawal: a national survey of physician experience. *Pediatr Neurol* 2021 Jul 27. [Epub ahead of print]
- Roeker LE, Eyre TA, Thompson MC, Lamanna N, Coltoff A, Davids MS, Baker P, Leslie LA, Rogers KA, Allan JN, Cordoba R, Lopez-Garcia A, Antic D, Pagel JM, Martinez-Calle N, Garcia-Marco JA, Hernández-Rivas JÁ, Miras F, Coombs CC, Österborg A, **Seddon AN**, López-Jiménez J, Wilson MR, El-Sharkawi D, **Wojenski D**, et al. COVID-19 in patients with CLL: improved survival outcomes and update on management strategies. *Blood* 2021 Jul 23. [Epub ahead of print]
- Johnson AE, Barrack J, Fitzgerald J, **Soberiaj D**, **Holle LM**. Integration of a virtual dispensing simulator "MyDispense" in an experiential education program to prepare students for a community introductory pharmacy practice experience. *Pharmacy (Basel)* 2021;9:48.
- Lu B, **Sun L**, Seraydarian M, et al. Effect of SLCO1B1 T521C on statin-related myotoxicity with use of lovastatin and atorvastatin. *Clin Pharmacol Ther* 2021 Jun 11. [Epub ahead of print]

- Patel P, Robinson PD, Devine KA, Positano K, Cohen M, Gibson P, Holdsworth M, Phillips R, Spinelli D, **Thackray J**, et al. Prevention and treatment of anticipatory chemotherapy-induced nausea and vomiting in pediatric cancer patients and hematopoietic stem cell recipients: clinical practice guideline update. *Pediatr Blood Cancer* 2021;68:e28947.
- Yerram P, **Thackray J**, Modelevsky LR, Land JD, Reiss SN, Spatz KH, Levoir AC, Pak TK, Dao PH, **Buege MJ**, Derespiris LM, Lau C, Orozco JS, Boparai M, Koranteng LA, Reichert KE, Yan SQ, Daukshus NP, Mathew S, **Buie LW**, et al. Outpatient clinical pharmacy practice in the face of COVID-19 at a cancer center in New York City. *J Oncol Pharm Pract* 2021;27:389-94.
- **Tossey JC**, El Boghdady Z, Reed EE, et al. Oral fluoroquinolones for definitive treatment of gram-negative bacteremia in cancer patients. *Support Care Cancer* 2021;29:5057-64.
- Voss OH, Arango D, **Tossey JC**. Splicing reprogramming of TRAIL/DISC-components sensitizes lung cancer cells to TRAIL-mediated apoptosis. *Cell Death Dis* 2021;12:287.
- Sahebjam S, Forsyth PA, Tran ND, Arrington JA, Macaulay R, Etame AB, **Walko CM**, Boyle T, Peguero EN, Jaglal M, Mokhtari S, Enderling H, Raghunand N, **Gatewood T**, et al. Hypofractionated stereotactic re-irradiation with pembrolizumab and bevacizumab in patients with recurrent high-grade gliomas: results from a phase I study. *Neuro Oncol* 2021;23:677-86.
- **Walters JH**, Stevens MP, Kim J. Evaluation of optimal treatment for urinary tract infections in outpatient clinics at an academic medical center: opportunities for antimicrobial stewardship. *Am J Infect Control* 2021 Jul 15. [Epub ahead of print]
- Rodriguez-Galindo C, Krailo MD, Pinto EM, Pashankar F, Weldon CB, Huang L, Caran EM, Hicks J, McCarville MB, Malkin D, Wasserman JD, de Oliveira Filho AG, LaQuaglia MP, **Ward DA**, et al. Treatment of pediatric adrenocortical carcinoma with surgery, retroperitoneal lymph node dissection, and chemotherapy: the Children's Oncology Group ARAR0332 Protocol. *J Clin Oncol* 2021;39:2463-73.
- Wilson E, Giroto J, Passerello N, Stoffella S, Shah D, Wu A, Legaspi J, **Weilnu J**, et al. Importance of pediatric studies in SARS-CoV-2 vaccine development. *J Pediatr Pharmacol Ther* 2021;26:418-21.
- Ashbury FD, Thompson K, **Williams C**, et al. Challenges adopting next-generation sequencing in community oncology practice. *Curr Opin Oncol* 2021 Jun 28. [Epub ahead of print]
- Anghelescu DL, Morgan KJ, Frett MJ, **Wu D**, et al. Lidocaine infusions and reduced opioid

consumption—retrospective experience in pediatric hematology and oncology patients with refractory pain. *Pediatr Blood Cancer* 2021 Jul 15. [Epub ahead of print]

- Peng K, Chen K, Tepy BA, **Yee GC**, et al. Impact of proton pump inhibitor use on the effectiveness of immune checkpoint inhibitors in advanced cancer patients. *Ann Pharmacother* 2021 Jul 20. [Epub ahead of print]

HIV PRN

Promotions

- **Daniel Chastain**: Clinical Associate Professor, University of Georgia College of Pharmacy.
- **Kim Scarsi**: Professor of Pharmacy Practice and Science, University of Nebraska Medical Center.

Awards

- **Tsitsi Monera-Penduka**: Prof James Hakim Leadership Development Program in Africa, AFREhealth.

Grants

- **Tsitsi Monera-Penduka**: Global Health Equity Scholars Fellowship Program. Funder: NIH Fogarty; Amount: \$15,000; Role: LMIC Postdoc Scholar.
GEMx - AFREhealth Interprofessional Education (IPE) Virtual Elective Training Grant. Funder: GEMx, Amount: \$800; Role: Local Co-investigator.
- **Roxane Rohani**: 31st European Congress of Clinical Microbiology & Infectious Diseases (ECCMID) 21 for '21 Grant. 31st European Congress of Clinical Microbiology & Infectious Diseases (ECCMID) Travel Grant.
- **Kim Scarsi**: An Intra- and Inter-laboratory Comparison of Etonogestrel Bioanalytical Assays. Funder: Merck, Inc. (Investigator-Initiated Proposal); Role: Principal Investigator.
Giving Standardized Estradiol Therapy in Transgender Women to Research Interactions with HIV Therapy: The GET IT RIgHT study (ACTG 5403). Funder: NIAID via the AIDS Clinical Trials Group; Role: Protocol Co-chair.

Publications

- **Badowski ME**, Britt N, **Huesgen EC**, **Lewis MM**, **Miller MM**, **Nowak K**, **Sherman E**, et al. Pharmacotherapy considerations in transgender individuals living with human immunodeficiency virus. *Pharmacotherapy* 2021;41:299-314.
- Burgos RM, **Badowski ME**, **Drwiega E**, Ghassemi

S, Griffith N, Herald F, Johnson M, Smith RO, **Michienzi SM**. The race to a COVID-19 vaccine: opportunities and challenges in development and distribution. *Drugs Context* 2021;10:2020-12-2.

- Rhodes NJ, Dairem A, Moore WJ, Shah A, Postelnick MJ, **Badowski ME**, **Michienzi SM**, Borkowski JL, **Polisetty RS**, Fong K, Spivak ES, Beardsley JR, Hale CM, **Pallotta AM**, **Srinivas P**, et al. Multicenter point prevalence evaluation of the utilization and safety of drug therapies for COVID-19 at the onset of the pandemic timeline in the United States. *Am J Health Syst Pharm* 2021;78:568-77.
- Smith E, **Badowski ME**. Telemedicine for HIV care: current status and future prospects. *HIV AIDS (Auckl)* 2021;13:651-6.
- **Kim Y**, Ray S. Chapter 27: Antiviral drugs. In: *Side Effects of Drugs Annual*, vol. 43. San Diego: Elsevier, 2021. [In press]
- **Michienzi SM**, Barrios M, **Badowski ME**. Evidence regarding rapid initiation of antiretroviral therapy in patients living with HIV. *Curr Infect Dis Rep* 2021;23:7.
- **Michienzi SM**, Johnson M, **Chiampas TD**, Wenzler E, Burgos RM, Smith RO, **Badowski ME**. Real-world impact of switching from tenofovir disoproxil fumarate to tenofovir alafenamide. *Drugs Context* 2021;10:2021-2-1.
- Goldberg RN, Kania AT, **Michienzi SM**, Patel M, **Badowski ME**. Weight gain in incarcerated individuals living with HIV after switching to integrase strand inhibitor-based therapy. *J Int Assoc Provid AIDS Care* 2021;20:2325958221996860.
- **Nicol MR**, Cicali EJ, Seo SK, et al. The complex roadmap to infectious disease innovation: the intersection of bugs, drugs, and special populations. *Clin Pharmacol Ther* 2021;109:793-6.
- **Nicol MR**, McRae M. Treating viruses in the brain: perspectives from NeuroAIDS. *Neurosci Lett* 2021;748:135691.
- Lofgren SM, **Nicol MR**, Kandole TK, et al. Short communication: a descriptive analysis of dried blood spot adherence testing among Ugandans with HIV presenting with cryptococcal meningitis. *AIDS Res Hum Retroviruses* 2021;37:529-33.

Presentations

- **Yaeji Kim**: Use of dolutegravir/rilpivirine in treatment of HIV in PLWH with CKD and ESRD. Poster to be presented at: IDWeek 2021; September – October 2021; virtual.

Other Notable Achievements

- **Gabriella A. Douglass**: Featured together with her resident in: Traynor K. Pharmacists promote

COVID-19 vaccine acceptance in rural locales. *Am J Health Syst Pharm* 2021;78:1361-2.

- **Tsitsi Monera-Penduka**: Elected Fellow of the Zimbabwe Young Academy of Science (ZimYAS).
- **Melanie Nicol**: Guest Editor of *Clinical Pharmacology & Therapeutics* themed issue: Therapeutic Innovations in Infectious Diseases, April 2021, Volume 9, Issue 4.

Immunology/Transplantation PRN

Publications

- **Bova S**, Cameron A, Durand C, Katzianer J, LeGrand M, Boyer L, Glorioso J, **Toman LP**. Access to direct-acting antivirals for hepatitis C-negative transplant recipients receiving organs from hepatitis C-viremic donors. *Am J Health Syst Pharm* 2021 May 14. [Epub ahead of print]
- Cheng E, Floroff C, **Ingemi AI**, et al. A comparison of two regimens for managing sickle cell pain and reducing readmissions. *J Pain Palliat Care Pharmacother* 2021 Jul 13. [Epub ahead of print]
- Kim H, Jarrett J, **Ingemi AI**, **Lichvar A**. Opioid use practices of kidney transplant centers in the United States: a national survey of institutional practices. *J Am Coll Clin Pharm* 2021;4:587-93.
- Pearston AP, **Ingemi AI**, Ripley K, et al. Successful treatment of UL97 mutation ganciclovir-resistant cytomegalovirus viremia in a renal transplant recipient with letermovir and adjunct hyperimmune cytomegalovirus immunoglobulin: a case report. *Transplant Proc* 2021;53:1284-7.
- Robbins MJ, Floroff C, **Ingemi A**, et al. Evaluation of discharge prescribing after rescheduling of gabapentin as a controlled substance. *Am J Health Syst Pharm* 2021 Jul 14. [Epub ahead of print]
- Wilson TJ, Baran DM, Herre JH, Cameron CM, Yehya A, **Ingemi AI**. Gastrointestinal bleeding rates in left ventricular assist device population reduced with octreotide utilization. *ASAIO J* 2020 Dec 18. [Epub ahead of print]
- **Knorr JP**, Barlow A, Reinaker T, et al. A single-dose of pre-operative pregabalin reduces post-operative opioid use after orthotopic liver transplantation. *Clin Transplant* 2021;35:e14319.
- El-sayed A, Vidal J, Khanmoradi K, **Knorr JP**. Impact of clotrimazole fungal prophylaxis on tacrolimus exposure in kidney transplant recipients: a retrospective study. *Transplant Proc* 2021;53:1583-8.
- Miller J, **Knorr JP**. Impact of removing the race coefficient in renal function estimate equations on drug dosage recommendations. *Ann Pharmacother* 2021 Apr 17. [Epub ahead of print]
- Rizk JG, **Lazo JG**, **Quan D**, et al. Mechanisms and management of drug-induced hyperkalemia in

kidney transplant patients. *Rev Endocr Metab Disord* 2021 Jul 22. [Epub ahead of print]

- **Sartain E**, Schoeppler K, **Crowther B**, et al. Perioperative anidulafungin combined with triazole prophylaxis for the prevention of early invasive candidiasis in lung transplant recipients. *Transpl Infect Dis* 2021 Jul 16. [Epub ahead of print]

Presentations

- **Amanda Ingemi**: Timing is everything: management of dual antiplatelet therapy before or after LVAD. Invited speaker. International Society for Heart & Lung Transplantation Annual Meeting; April 2021; virtual.
- McMahon M, **Lichvar A**, Baran D, Herre J, Yehya A, Sawey E, Badiye A, Cameron C, Yao A, **Ingemi A**. Use of apixaban in heart transplant patients receiving biopsies: a case series. Presented at: International Society for Heart & Lung Transplantation Annual Meeting; April 2021; virtual.

New Fellows

- **Rosemary P. Cross**: Fellow of the American Society of Transplantation.

Infectious Diseases PRN

Promotions

- **Christopher Bland**: Clinical Professor, University of Georgia College of Pharmacy.
- **Brandon Dionne**: Associate Clinical Professor, Northeastern University School of Pharmacy and Pharmaceutical Sciences.
- **Khalid Eljaaly**: Associate Professor, Faculty of Pharmacy, King Abdulaziz University, Saudi Arabia.
- **Amy Fabian**: Clinical Pharmacy Specialist, Infectious Diseases and Co-chair of the Antimicrobial Stewardship Committee, Baptist Health Louisville.
- **Tristan Timbrook**: Director of Health Economics and Outcomes Research, Global Medical Affairs, BioFire Diagnostics.
- **Jamie Wagner**: Clinical Associate Professor, University of Mississippi School of Pharmacy.
- **Tracy Zembles**: Lead Pharmacist for Antimicrobial Stewardship Program, Children's Wisconsin.

Board Certification in Infectious Diseases (BCIDP)

- Ukwen Akpoji
- Lauren Biehle
- Amy Bittner
- Amy Fabian
- Caroline Gresham
- Justin Moore

- Raul Santiago
- Rania Slika
- Tracy Zembles

Awards

- **Amanda Barner**: 2021 Cambridge Health Alliance PGY1 Pharmacy Residency Preceptor of the Year.
- **Brandon Dionne**: Teaching Excellence Award and the inaugural Faculty APPE Preceptor of the Year Award, Northeastern University School of Pharmacy and Pharmaceutical Sciences.
- **Maxx Enzmann**: North Dakota Society of Health-System Pharmacists (NDSHP) Pharmacy Practice Literature Award.
- **Wesley Kufel**: 2021 New York State Council of Health-System Pharmacists New Practitioner Award.
- **Roxane Rohani**:
31st European Congress of Clinical Microbiology & Infectious Diseases ECCMID 21 for '21 Grant.
31st European Congress of Clinical Microbiology & Infectious Diseases Travel Grant.

Grants

- **Lauren Biehle**: Wyoming Center on Aging. Development of an Integrative and Collaborative Approach to Interprofessional Education for the College of Health Sciences.
- **Krista Gens**: Abbott Northwestern Hospital Foundation Grant to expand from one to two PGY2 residents to support a penicillin-allergy de-labeling pilot program.
- **Madeline King**: Investigation of Factors Contributing to Racial and Ethnic Disparities in Viral Load Suppression Among People Living with HIV. Internal research grant from Philadelphia College of Pharmacy.
- **Jeremy Stultz**: Lipid Emulsion Composition as a Determinant of Fungal Biofilm Formation and Incidence of Candidemia. R-21 from NIAID, NIH. Role: Co-principal Investigator.

Publications

- Bej TA, Christian RL, Sims SV, Wilson BM, Song S, **Akpoji UC**, et al. Influence of microbiological culture results on antibiotic choices for veterans with hospital-acquired pneumonia and ventilator-associated pneumonia. *Infect Control Hosp Epidemiol* 2021 Jun 4. [Epub ahead of print]
- **Almangour TA**, Alruwaili A, Almutairi R, Alrasheed A, Alhifany AA, **Eljaaly K**, et al. Aerosolized plus intravenous colistin vs intravenous colistin alone for the treatment of nosocomial pneumonia due to multidrug-resistant gram-negative bacteria:

- a retrospective cohort study. *Int J Infect Dis* 2021;108:406-12.
- **Almangour TA**, Garcia E, Zhou Q, et al. Polymyxins for the treatment of lower respiratory tract infections: lessons learned from the integration of clinical pharmacokinetic studies and clinical outcomes. *Int J Antimicrob Agents* 2021;57:106328.
 - **Almangour TA**, Kaye KS, Alessa M, **Eljaaly K**, et al. Efficacy of clotrimazole for the management of oral candidiasis: a meta-analysis of randomized clinical trials. *Saudi Pharm J* 2021;29:315-23.
 - **Almangour TA**, Wajid T, Alghadeer S, et al. Influence of continuing education program on pharmacy students' knowledge about generic drugs in Saudi Arabia. *J Young Pharm* 2021;13:72-5.
 - Almarzoky Abuhussain S, Elrggal ME, Alamatullah AK, Althobaity AA, Alotaibi AF, Almeleebia TM, **Almangour TA**, et al. Work readiness scale for pharmacy interns and graduates: a cross-sectional study. *Saudi Pharm J* 2021 Jul 21. [Epub ahead of print]
 - **Alosaimy S**, Lagnf AM, **Morrisette T**, Jorgensen SCJ, **Trinh TD**, Zasowski EJ, **Scipione MR**, **Zhao JJ**, Mynatt R, Herbin S, Dhar S, Chopra T, Janisse J, **Rebold N**, **Pogue JM**, et al. Standardized treatment and assessment pathway improves mortality in adults with methicillin-resistant *Staphylococcus aureus* bacteremia: STAPH study. *Open Forum Infect Dis* 2021;8:ofab261.
 - **Andrzejewski C**, **McCreary EK**, Khadem T, et al. Tele-antimicrobial stewardship programs: a review of the literature and the role of the pharmacist. *J Am Coll Clin Pharm* 2021;4:1016-33.
 - Cawcutt KA, Patel R, Gerber J, Caliendo AM, Cosgrove SE, **Ashley ED**, et al. Leveraging existing and soon-to-be-available novel diagnostics for optimizing outpatient antibiotic stewardship in patients with respiratory tract infections. *Clin Infect Dis* 2021;72:e1115-e1121.
 - **Biehle L**, Crowl A, Park HC, et al. The power of peer mentoring to support women pharmacy faculty personally and professionally. *Am J Pharm Educ* 2021;85:8471.
 - DeMillard L, Evans E, **Biehle L**, et al. Strategies for students to optimize their learning experience in virtual patient-care settings. *Sr Care Pharm* 2021;36:322-3.
 - Thorfinnson H, Evans E, **Biehle LR**. Transitioning into professional practice: the importance of student participation in bot didactic and experiential settings. *Am J Health Syst Pharm* 2021;78:288-9.
 - **Bland CM**, **Crosby CM**, Orvin DL, Smith SE, **Jones BM**. Transitioning from guideline approval to practical implementation of AUC-based monitoring of vancomycin. *Am J Health Syst Pharm* 2021;78:1270-2.
 - **Bland CM**, **Jones BM**. Pharmacists filling the gap within penicillin allergy assessment and skin testing. *Clin Infect Dis* 2021;72:1866-7.
 - Clemmons AB, Young HN, **Bland CM**, Jackson B, Hayashi M, Folsom C, **Chastain DB**. Incidence and utility of follow-up blood cultures in cancer patients with gram-negative bacteremia. *Microbiol Infect Dis* 2021;101:115444.
 - Newsome AS, Smith SE, **Bland CM**, et al. Scholastic synergy: a team prototype for pharmacy faculty engagement in education, research, and service. *Curr Pharm Teach Learn* 2021;13:238-44.
 - Oliveira E, Parikh A, Lopez-Ruiz A, **Carr A**, et al. ICU outcomes and survival in patients with severe COVID-19 in the largest health care system in central Florida. *PLoS One* 2021;16:e0249038.
 - Ventura D, **Carr AL**, Davis RD, **Hayes J**, et al. Renin angiotensin aldosterone system antagonism in 2019 novel coronavirus acute lung injury. *Open Forum Infect Dis* 2021 Apr 4. [Epub ahead of print]
 - **Dionne B**, Lee TC. Probable immortal time bias in comparison of daptomycin and vancomycin for MRSA bloodstream infections. *Clin Infect Dis* 2021 Mar 19. [Epub ahead of print]
 - Mullakary J, Visintainer S, Tucci, M, **Dionne B**, et al. A multicenter retrospective review of antibiotic prescribing patterns for treatment of urinary tract infections in the primary care setting. *J Am Coll Clin Pharm* 2021;4:689-96.
 - **Eljaaly K**, Malibary H, Alsulami S, et al. Description and analysis of cytokine storm in registered COVID-19 clinical trials: a systematic review. *Pathogens* 2021;10:692.
 - **Eljaaly K**, Ortwine JK, Shaikhomer M, **Almangour TA**, et al. Efficacy and safety of eravacycline: a meta-analysis. *J Glob Antimicrob Resist* 2021;24:424-8.
 - Alhakamy NA, Ahmed OAA, Ibrahim TS, Aldawasari HM, **Eljaaly K**, et al. Evaluation of the antiviral activity of sitagliptin-glatiramer acetate nano-conjugates against SARS-CoV-2 virus. *Pharmaceuticals (Basel)* 2021;14:178.
 - Al-Rabia MW, Alhakamy NA, Ahmed OAA, **Eljaaly K**. Repurposing of sitagliptin-melittin optimized nanoformula against SARS-CoV-2: antiviral screening and molecular docking studies. *Pharmaceutics* 2021;13:307.
 - Alrahmany D, Omar AF, Harb G, **EI Nekidy WS**, **Ghazi IM**. *Acinetobacter baumannii* infections in hospitalized patients, treatment outcomes. *Antibiotics (Basel)* 2021;10:630.
 - Attallah N, Gupta S, Madhyastha R, **EI Nekidy WS**, et al. Anticoagulation in COVID-19 patients requiring continuous renal replacement therapy. *Anaesth Crit Care Pain Med* 2021;40:100841.

- Revolinski S, **Enzmann M**, Tierney J. Antimicrobial stewardship in the ambulatory practice setting: an opportunity to optimize patient care. *J Pharm Soc Wis* 2021;24:6-15.
- Borgetti SA, **Gross AE**, Kottler J, et al. Implementation and outcomes of a severe acute respiratory coronavirus virus 2 (SARS-CoV-2) monoclonal antibody treatment program at an academic medical center serving a high-risk patient population [letter]. *Antimicrob Stewardship Healthcare Epidemiol* 2021;1:e3.
- Weber DJ, Talbot TR, Weinmann A, Mathew T, **Heil E**, Stenejem E, Duncan R, **Gross A**, Stinchfield P, Baliga C, **Wagner J**, et al. Policy statement from the Society for Healthcare Epidemiology of America (SHEA): only medical contraindications should be accepted as a reason for not receiving all routine immunizations as recommended by the Centers for Disease Control and Prevention. *Infect Control Hosp Epidemiol* 2021;42:1-5.
- **Jones BM**, Murray EY, Crosby C, Rojas S, **Bland CM**. Eosinophilic pneumonia caused by cefepime: a case report and review. *IDCases* 2021;25:e01166.
- **Kufel WD**, Asiago-Reddy EA, Parsels KA, et al. Successful treatment with secnidazole for trichomoniasis in the setting of metronidazole hypersensitivity. *Int J STD AIDS* 2021 Aug 15. [Epub ahead of print]
- **Kufel WD**, Blaine BE, Ruehl R, **Avery LM**. Pharmacy students' knowledge and confidence of penicillin allergies following focused didactic instruction and simulation. *Am J Pharm Educ* 2021 Jul 22. [Epub ahead of print]
- **Larry RC**, Bertram CM. Evaluation of antibiotic allergies in surgical patients. *Orthop Nurs* 2021;40:248-54.
- **Mahoney MV**. Wrapping our heads around outpatient parenteral antimicrobial therapy for central nervous system infections. *Infect Dis Clin Pract* 2021;29:e65-6.
- **Mahoney MV**, **Alexander BT**, **Rivera CG**, **Ryan KL**, **Childs-Kean LM**. A prescription for an outpatient parenteral antimicrobial therapy (OPAT) rotation for pharmacy residents. *J Am Coll Clin Pharm* 2021;4:234-44.
- **Mahoney MV**, Swords KE. Fluoroquinolones: friends or foe? *Clin Infect Dis* 2021 Feb 19. [Epub ahead of print]
- **Moore WJ**, **Webb A**, **Morrisette T**, Sullivan LK, **Alosaimy S**, Hossain S, **Howe Z**, Vlashyn OO, Paloucek FP, Rybak MJ, **Wang SK**. Impact of COVID-19 pandemic on training of pharmacy residents and fellows: results from a national survey of postgraduate pharmacy trainees. *Am J Health Syst Pharm* 2021;78:1104-11.
- Kumar RN, Wu EL, Stosor V, **Moore WJ**, et al. Real-world experience of bamlanivimab for COVID-19: a case-control study. *Clin Infect Dis* 2021 Apr 13. [Epub ahead of print]
- **Rhodes NJ**, Dairem A, **Moore WJ**, Shah A, Postelnick MJ, **Badowski ME**, Michienzi SM, **Borkowski JL**, **Polisetty RS**, Fong K, Spivak ES, Beardsley JR, **Hale CM**, **Pallotta AM**, et al. Multicenter point prevalence evaluation of the utilization and safety of drug therapies for COVID-19 at the onset of the pandemic timeline in the United States. *Am J Health Syst Pharm* 2021;78:568-77.
- **Rhodes NJ**, **Jozefczyk CC**, **Moore WJ**, et al. Characterizing risk factors for *Clostridioides difficile* infection among hospitalized patients with community-acquired pneumonia. *Antimicrob Agents Chemother* 2021;65:e0041721.
- **Rivera CG**, Mehta M, **Ryan KL**, **Stevens RW**, **Tucker KJ**, **Mahoney MV**. Role of infectious diseases pharmacists in outpatient intravenous and complex oral antimicrobial therapy: Society of Infectious Diseases Pharmacists insights. *J Am Coll Clin Pharm* 2021 May 16. [Epub ahead of print]
- **Shealy S**, **Kohn J**, Yongue E, Troficanto C, **Bookstaver PB**, Justo J, **Winders HR**, et al. Application of standardized antimicrobial administration ratio as a motivational tool within a multi-hospital healthcare system. *Pharmacy (Basel)* 2021;9:32.
- Hawkins BK, Wingler MJB, Cretella DA, Barber KE, **Stover KR**, **Wagner JL**. An evaluation of antipseudomonal dosing on the incidence of treatment failure. *SAGE Open Med* 2021;9:20503121211000927.
- **Stultz JS**, Bice T, Johnstone K, et al. Importance of reviewing antibiotic courses by 48 hours: risk factors for third-generation cephalosporin resistance among AmpC harboring organisms in urine and respiratory cultures. *Pediatr Infect Dis J* 2021;40:440-5.
- **Vazquez Deida AA**, **Shihadeh KC**, Aragon D, et al. Factors associated with longer than recommended durations of antibiotic therapy for uncomplicated ambulatory infections in an integrated healthcare system. *Open Forum Infect Dis* 2021;8:ofab324.
- **Wagner JL**, **Markovich KC**, **Barber KE**, **Stover KR**, **Biehle LR**. Optimizing rapid diagnostics and diagnostic stewardship in gram-negative bacteremia. *Pharmacotherapy* 2021;41:676-85.
- **Wagner JL**, **Stover KR**, Bell AM, et al. Risk factors for development of initial *Clostridioides difficile* infection. *J Glob Antimicrob Resist* 2021;25:18-22.
- Barber KE, Cramer RA, Bell AM, **Wagner JL**, **Stover KR**. Ceftriaxone as an alternative therapy for the treatment of methicillin-susceptible *Staphylococcus*

aureus bacteremia after initial clearance of bloodstream infection. Case Rep Infect Dis 2021;2021:8884685.

- Barber KE, **Wagner JL**, Larry RC, **Stover KR**. Frequency of and risk factors for carbapenem-resistant Enterobacteriaceae. J Med Microbiol 2021;70:001286.
- Song YC, Nelson ZJ, **Wankum MA**, **Gens KD**. Effectiveness and feasibility of pharmacist-driven penicillin allergy de-labeling pilot program without skin testing or oral challenges. Pharmacy (Basel) 2021;9:127.
- **Winders HR**, Al-Hasan MN, **Jones BM**, **Childress DT**, **Stover KR**, Britt BB, **Chahine EB**, Lau S, Andrews PD, Junco SJ, Wrenn RH, **Crane BJ**, Wong JR, Seddon MM, **Bland CM**, MacVane SH, **Gibson GM**, **Bookstaver PB**; SERGE-45 Investigators. Novel method of calculating adjusted antibiotic use by microbiological burden. Infect Control Hosp Epidemiol 2021;42:688-93.
- Amipara R, **Winders HR**, Justo JA, **Bookstaver PB**, **Kohn J**, et al. Impact of follow up blood cultures on outcomes of patients with community-onset gram-negative bloodstream infection. EClinicalMedicine 2021;34:100811.
- **Zembles TN**, MacBrayne CE, Mitchell ML, et al. Lessons learned from virtual handshake stewardship during a pandemic. Jt Comm J Qual Patient Saf 2021;47:198-200.
- **Zembles T**, Mitchell M, Alqurashi W, et al. Skin testing for penicillin allergy: a review of the literature. Curr Allergy Asthma Rep 2021;21:21.
- **Zembles T**, Zhan Y, Chiu A, et al. Cephalosporin allergy symptoms in children presenting to a pediatric emergency department. Ann Allergy Asthma Immunol 2021;127:259-60.

New ACCP Fellows

- Monica Mahoney

Other Notable Achievements

- **Thamer Almagour**: Selected as one of three Judging Panelists in the 9th Annual Residency Research Day, Saudi Commotion for Health Specialty.
- **Khalid Eljaaly**: Member of the Review Panel for ASHP Foundation Literature Award for Drug Therapy Research. Appointed to the editorial board of *Antimicrobial Stewardship & Healthcare Epidemiology*, a journal launched by the Society for Healthcare Epidemiology.
- **Monica Mahoney**: Massachusetts Society of Health-System Pharmacists President-Elect.

Nephrology PRN

Publications

- **Awdishu L**, Le A, Amato J, et al. Urinary exosomes identify inflammatory pathways in vancomycin associated acute kidney injury. Int J Mol Sci 2021;22:2784.
- Bouajram R, **Awdishu L**. A clinician's guide to dosing analgesics, anticonvulsants, and psychotropic medications in continuous renal replacement therapy. Kidney Int Rep 2021;6:P2033-2048.
- Cook K, Cochran G, Gali H, Hatch T, **Awdishu L**, et al. Pharmacy students' readiness to use the electronic health record: a tale of two institutions. Curr Pharm Teach Learn 2021;13:327-32.
- Falbo dos Reis P, Barretti P, Marinho L, Balbi AL, **Awdishu L**, et al. Pharmacokinetics of intra-peritoneal vancomycin and amikacin in automated peritoneal dialysis patients with peritonitis. Front Pharmacol 2021;12:658014.
- Luli AJ, **Awdishu L**, Hirsch JD, et al. Transferring key success factors from ambulatory care into the community pharmacy. Pharmacy 2021;9:116.
- Alrahmany D, Omar AF, Harb G, **EI Nekidy WS**, et al. *Acinetobacter baumannii* infections in hospitalized patients, treatment outcomes. Antibiotics (Basel) 2021;10:630.
- Attallah N, Gupta S, Madhyastha R, **EI Nekidy WS**, et al. Anticoagulation in COVID-19 patients requiring continuous renal replacement therapy. Anaesth Crit Care Pain Med 2021;40:100841.
- **Jang SM**, **Awdishu L**. Drug dosing considerations in continuous renal replacement therapy. Semin Dial 2021 May 3. [Epub ahead of print]
- **Lewis SJ**, **Nolin TD**. New vancomycin dosing guidelines for hemodialysis patients: rationale, caveats, and limitation. Kidney360 2021 Jul 29. [Epub ahead of print]
- **Nguyen T**. The role of docusate for constipation in older adults. Senior Care Pharm J 2021. [In press]
- **Nguyen T**, George M. Antimuscarinic medications for chronic obstructive pulmonary disease. J Nurse Pract 2021;17:894-5.
- Ozdener-Poyraz AE, Kalabalik-Hoganson J, Slugocki M, **Nguyen T**, et al. Impact of COVID-19 on student pharmacist academics, employment, and mental health. Int J Res Anal Rev 2021;8:662-73.
- Kinney EM, Vijapurapu S, Covey JR, **Nemecek BD**. Clinical outcomes of concomitant rifamycin and opioid therapy: a systematic review. Pharmacotherapy 2021;41:479-89.
- Buck MM, Haddon AM, Paneccasio A, Skoloda DJ, Zimmerman DE, Guarascio AJ, **Nemecek BD**, et al. Safety and efficacy of rivaroxaban and apixaban

in patients with increased body mass: a systematic review. *Clin Drug Investig* 2021;41:353-69.

- Cawoski JR, DeBiasio KA, Donnachie SW, Timanus EA, Zimmerman DE, Guarascio AJ, Montepara CA, Covvey JR, **Nemecek BD**. Safety and efficacy of intravenous hydralazine and labetalol for the treatment of asymptomatic hypertension in hospitalised patients: a systematic review. *Int J Clin Pract* 2021;75:e13991.
- **Schwenk M**. Comment on “Acetazolamide intoxication in an elderly patient with diabetes and chronic renal failure after cataract surgery” [letter]. *Case Rep Crit Care* 2021;2021:9853592.

Promotions

- **Bruce A. Mueller**: Interim Dean, College of Pharmacy, University of Michigan, Ann Arbor, Michigan.

Grants

- **S.J. Lewis**: Game-Based Curricular Design to Develop Health Professionals of the Future. University of Findlay Enhanced Teaching and Scholarship Grant. Principal Investigator.
- **Calvin J. Meaney**: Optimizing Response to Anemia Management in Hemodialysis Patients Through Biomarker Development. Health for Erie County, Inc. Principal Investigator.
Erythroferrone Pharmacodynamics in Hemodialysis Patients: A Novel Response Index for Erythropoiesis-Stimulating Agents. University at Buffalo School of Pharmacy and Pharmaceutical Sciences Seed Fund. Principal Investigator.

Pediatrics PRN

Promotions

- **Brent A. Hall**: Pediatric Specialist, UC Davis Health System.
- **Jennifer T. Pham**: Clinical Associate Professor, University of Illinois at Chicago College of Pharmacy.
- **Jennifer Thackray**: Clinical Pharmacy Specialist III promotion through the Pharmacy Career Development and Achievement Program, Memorial Sloan Kettering Cancer Center.

Awards

- **William L. “Bill” Greene**: 2021 Shelby Rhinehart Public Service Lifetime Achievement Award, Tennessee Pharmacists Association.
- **Brent A. Hall**: Preceptor of the Year, UC Davis Health Residency Program.

- **Jennifer Thackray**: 2021 Ralph D. Bienfang Outstanding Practitioner Award, University of Oklahoma College of Pharmacy Alumni Association.

Grants

- **Ingrid Pan**: ACCP Ambulatory Care PRN Academy Sponsorship, Research and Scholarship Academy.

Publications

- **Bondi DS**. Pediatrics. In: Bondi DS, Bridgeman MM, Burke JM, et al., eds. *Updates in Therapeutics®: Pharmacotherapy Preparatory Review and Recertification Course*, 2021 ed. Lenexa, KS: American College of Clinical Pharmacy, 2020:125-68.
- Kavanaugh RP, Trout LC, **Brummel GL**. Pharmacology. In: Lucking SE, Maffei FA, Tamburro RF, et al., eds. *Pediatric Critical Care: Text and Study Guide*, 2nd ed. New York: Springer, 2021.
- Greene EM, Green WN, **Green WL**. Addressing the burden of student loan debt: a case-based review of influencing considerations. *Am J Health Syst Pharm* 2021 Jul 6. [Epub ahead of print]
- **Pan I**, Shah PA, Singh J, Kelly KN, **Bondi DS**. Comparison of neonatal outcomes with and without prophylaxis with indomethacin in premature neonates. *J Pediatr Pharmacol Ther* 2021;26:478-83.
- **Pham JT**, Bhat R. Calcium homeostasis in the newborn: management of hypocalcemia and hypercalcemia. In: Bhat R, Kumar P, Verma I, et al. *Practical Neonatology*, 2nd ed. New Delhi, India: The Indian Journal of Pediatrics 2021:203-9.
- **Pham JT**, Dahlgren AF, Rasamimari P. Cytomegalovirus-associated necrotizing enterocolitis in a breast-fed preterm infant: recommendations for diagnosis and prevention. *J Pediatr Pharmacol Ther*. [In press]
- Prusakov P, Goff DA, Wozniak PS, Cassim A, Scipion CEA, Urzua S, Ronchi A, Zeng L, Ladipo-Ajayi O, Aviles-Otero N, Udeigwe-Okeke CR, Melamed R, Silveira RC, Auriti C, Beltran-Arroyave C, Zamora-Flores E, Sanchez-Codez M, Donkor ES, Kekomaki S, Mainini N, Trochez RV, Casey J, Graus JM, Muller M, Singh S, Loeffen Y, Perez MET, Ferreyra GI, Lima-Rogel V, Perrone B, Izquierdo G, Cernada M, Stoffella S, Ekenze SO, de Alba-Romero C, Tziella C, **Pham JT**, et al. A global point prevalence survey of antimicrobial use in neonatal intensive care units: the no-more-antibiotics and resistance (NO-MAS-R) study. *EClinicalMedicine* 2021;32:100727.
- Songer C, Calip GS, Srinivasan N, Barbosa VM, **Pham JT**. Factors influencing antibiotic duration

in culture-negative neonatal early-onset sepsis. *Pharmacotherapy* 2021;41:148-61.

- Vella J, Attard Pizzuto M, Bartolo S, Wirth F, Grech L, **Pham JT**, et al. A three-year post-graduate doctorate in pharmacy course incorporating professional, experiential and research activities: a collaborative innovative approach. *MedEdPublish* 2021;10:93.
- Lammers C, **Schwinghammer A**, **Hall B**, et al. Comparison of oral loading dose to intravenous acetaminophen in children for analgesia after tonsillectomy and adenoidectomy: a randomized clinical trial. *Anesth Analg* 2021 Jul 23. [Epub ahead of print]
- **Smith KP**. Rheumatologic conditions. In: Lee BR, Ohler KH, eds. *Pediatric Self-Assessment Program*, 2021 Book 1. Ambulatory Care and Hematology. Lenexa, KS: American College of Clinical Pharmacy, 2021:97-117.
- **Stultz JS**, Hopp J, Orndahl CM, et al. Changes in metronidazole and vancomycin utilization for *Clostridioides difficile* infection among institutions caring for children. *Pediatr Infect Dis J* 2021;40:634-6.
- Patel P, Robinson PD, Devine KA, Positano K, Cohen M, Gibson P, Holdsworth M, Phillips R, Spinelli D, **Thackray J**, et al. Prevention and treatment of anticipatory chemotherapy-induced nausea and vomiting in pediatric cancer patients and hematopoietic stem cell recipients: clinical practice guideline update. *Pediatr Blood Cancer* 2021;68:e28947.
- Yerram P, **Thackray J**, Modelevsky LR, et al. Outpatient clinical pharmacy practice in the face of COVID-19 at a cancer center in New York City. *J Oncol Pharm Pract* 2021;27:389-94.

Presentations

- **Elizabeth Beckman, Deborah Bondi, Brent A. Hall, Regine Caruthers**: Gender equality: beyond the hashtags. Presented at: Pediatric Pharmacy Association National Meeting; April 24, 2021; virtual.
- **Deborah Bondi**: Pediatrics. Updates in Therapeutics®: Pharmacotherapy Preparatory Review and Recertification Course. American College of Clinical Pharmacy Annual Presentation; April 2021; virtual.
- **Brent A. Hall**: PPI drips in non variceal upper GI bleeding in pediatrics – is there any bloody evidence? Presented at: PPA Critical Care Sig, National Virtual Presentation to Members; July 8, 2021; virtual.
Yes, there can be rainbows and unicorns! Creating a positive learning environment for experiential students. Presented at: Pacific Coast Preceptors Conference; May 14, 2021; virtual.

Flip this topic discussion. Presented at: Pacific Coast Preceptors Conference; May 13, 2021; virtual.

A panel of preceptor perspectives – adapting during the COVID-19 pandemic. Presented at: Pacific Coast Preceptors Conference; July 10, 2020; virtual.

Providing narrative feedback. Presented at: Pacific Coast Preceptors Conference Opening Session; July 9, 2020; virtual.

Make your voice heard: teaching learners how to make effective recommendations. Presented at: Diablo Chapter of California Society of Health-System Pharmacists; May 14, 2020; virtual.

- **Jennifer T. Pham**:

Experiences at the neonatal intensive care unit during COVID-19 pandemic. Presented at: Sino-American Clinical Pharmacy Forum; May 2021; virtual.

Challenges of vancomycin dosing and monitoring in pediatric and neonatal patients. Presented at: 2021 Zhejiang Pharmaceutical Association Annual Meeting; June 2021; virtual.

Advanced pharmacy placement experiential (APPE) rotations in US and experience with our international partners. Presented at: Experiential Education in the Pandemic Era: Lessons Learned and Best Practices – US-Thai Consortium Meeting; June 2021; virtual.

Delivering education programs for professional practice enhancement for international partners during the pandemic era and beyond. Presented at: 20th Asian Conference on Clinical Pharmacy; July 2021; virtual.

New ACCP Fellows

- Deborah S. Bondi
- Kirsten H. Ohler

Perioperative Care PRN

Publications

- **Arendt D**, Boyle JA. When resiliency is not enough: addressing the structure of a residency program and its contribution to pharmacy resident burnout. *Am J Health Syst Pharm* 2021;78:949-52.
- Rech MA, Donahey E, DeMott JM, **Coles LL**, et al. The impact of antihypertensive use in the treatment of acute ischemic stroke in patients receiving alteplase. *Am J Emerg Med* 2021;50:93-6.
- Annabathula R, Dugan A, Bhalla V, **Davis GA**, et al. Value-based assessment of implementing a Pulmonary Embolism Response Team (PERT). *J Thromb Thrombolysis* 2021;51:217-25.

- Bissell BD, Gabbard T, Sheridan EA, Baz MA, **Davis GA**, et al. Evaluation of bivalirudin as the primary anticoagulant in patients receiving extracorporeal membrane oxygenation for SARS-CoV-2-associated acute respiratory failure. *Ann Pharmacother* 2021 Jul 29. [Epub ahead of print]
- Fritz MK, Kincaid SE, Sargent CG, Green AH, **Davis GA**. Venous thromboembolism (VTE) risk stratification in general medical patients at an academic medical center. *J Thromb Thrombolysis* 2021;51:67-71.
- Rali P, Sacher D, Rivera-Lebron B, Rosovsky R, Elwing JM, Berkowitz J, Mina B, Dalal B, **Davis GA**, et al. Interhospital transfer of patients with acute pulmonary embolism (PE): challenges and opportunities. *Chest* 2021 Jul 14. [Epub ahead of print]
- Wilset HA, Bailey AM, Schadler A, **Davis GA**, Nestor M, **Pandya K**. Comparison of low- versus high-dose four-factor prothrombin complex concentrate (4F-PCC) for factor Xa inhibitor-associated bleeding: a retrospective study. *J Intensive Care Med* 2021;36:597-603.
- Rana I, von Oehsen W, Nabulsi NA, Sharp LK, **Donnelly AJ**, et al. A comparison of medication access services at 340B and non-340B hospitals. *Res Social Adm Pharm* 2021 Mar 20. [Epub ahead of print]
- **Droege ME**, Droege CA, Philpott CD, et al. Impact of antithrombin III and enoxaparin dosage adjustment on prophylactic anti-Xa concentrations in trauma patients at high risk for venous thromboembolism: a randomized pilot trial. *J Thromb Thrombolysis* 2021 May 12. [Epub ahead of print]
- Al-Shaer MH, Philpott CD, Droege CA, Courter JD, Healy DP, **Droege ME**, et al. Cefepime population pharmacokinetics and target attainment in critically ill patients on continuous renal replacement therapy. *Antimicrob Agents Chemother* 2021;65:e00144-21.
- Farrar JE, **Droege ME**, Philpott CD, et al. Impact of weight on anti-Xa attainment in high-risk trauma patients on enoxaparin chemoprophylaxis. *J Surg Res* 2021;264:425-34.
- Singer KE, Philpott CD, Bercz AP, Phillips T, Salyer CE, Hanseman D, **Droege ME**, et al. Impact of a multimodal analgesia protocol on inpatient and outpatient opioid use in acute trauma. *J Surg Res* 2021;268:9-16.
- **Hyland SJ**, Brockhaus KK, **Vincent WR**, et al. Perioperative pain management and opioid stewardship: a practical guide. *Healthcare (Basel)* 2021;9:333.
- Hunt AR, Coffeen SN, Shiltz DL, **Ice C**, et al. Factor VIII inhibitor bypassing activity (FEIBA) reversal for apixaban and rivaroxaban in patients with acute intracranial and nonintracranial hemorrhage. *Ann Pharmacother* 2021 Apr 10. [Epub ahead of print]
- **Johnson E, Parrish R II**, Nelson G, Elias K, **Kramer B, Gaviola M**. Expanding pharmacotherapy data collection, analysis, and implementation in ERAS® programs—the methodology of an exploratory feasibility study. *Healthcare (Basel)* 2020;8:252.
- **Johnson EG**, Nguyen J, Oyler D, et al. Naloxone continuous infusion for spinal cord protection in endovascular aortic surgery leads to higher opioid administration and more pain. *J Cardiothorac Vasc Anesth* 2021;35:1143-8.
- Ortman MJ, **Johnson EG**, Jarrell DH, et al. ASHP guidelines on emergency medicine pharmacist services. *Am J Health Syst Pharm* 2021;78:261-75.
- **Kassel LE**, Berei JJ, Pitlick JM, et al. Insulin dose adjustment following bariatric surgery, a review of available literature. *J Diabetes Sci Technol* 2021 Jul 1. [Epub ahead of print]
- Butler J, **Kassel L**, Miesner AR, et al. Incidence of a negative hidden curriculum, cynicism, and burnout within pharmacy resident education: a nationwide survey. *Curr Pharm Teach Learn* 2021;13:922-7.
- Freier E, **Kassel L**, Rand J, et al. Estrogen-induced gallstone pancreatitis in a transgender female. *Am J Health Syst Pharm* 2021 May 5. [Epub ahead of print]
- Goodner JA, **Likar EJ**, Hoff AL, et al. Clinical impact of sugammadex in the reversal of neuromuscular blockade. *Cureus* 2021;13:e15413.
- **Lovely JK**, Larson DW. Enhanced recovery: a decade of experience and future prospects at the Mayo Clinic. *Healthcare (Basel)* 2021;9:549.
- Achilli P, Radtke TS, **Lovely JK**, et al. Preoperative predictive risk to cancer quality in robotic rectal cancer surgery. *Eur J Surg Oncol* 2021;47:317-22.
- Calini G, Abd El Aziz MA, Abdalla S, Saeed HA, **Lovely JK**, et al. Patient colon and rectal operative outcomes when treated with immune checkpoint inhibitors. *Eur J Surg Oncol* 2021 Apr 2. [Epub ahead of print]
- Grass F, Hübner M, Crippa J, **Lovely JK**, et al. Temporal patterns of hospital readmissions according to disease category for patients after elective colorectal surgery. *J Eval Clin Pract* 2021;27:218-22.
- Porter SB, **Lovely J**, Phelan S. Consideration of religion as a source of unconscious bias affecting surgical outcomes. *Int J Surg* 2021;90:105953.
- Schreier DJ, **Lovely JK**. Optimizing clinical monitoring tools to enhance patient review by pharmacists. *Appl Clin Inform* 2021;12:621-8.
- Bicket MC, Fu D, Swarouth MD, White E, **Nesbit SA**, et al. Effect of drug disposal kits and fact sheets

on elimination of leftover prescription opioids: the DISPOSE multi-arm randomized controlled trial. *Pain Med* 2021;22:961-9.

- Bova SE, Kruer RM, **Nesbit SA**, et al. Perioperative methadone prescribing and association with respiratory depression. *J Opioid Manag* 2020;16:443-9.
- **Olney WJ**, Chase AM, Hannah SA, et al. Medication regimen complexity score as an indicator of fluid balance in critically ill patients. *J Pharm Pract* 2021 Mar 9. [Epub ahead of print]
- Browder KL, Ather A, **Pandya KA**. The effects of propofol on extracorporeal membrane oxygenation oxygenator exchange. *Int J Artif Organs* 2021 May 13. [Epub ahead of print]
- Kressin C, **Pandya K**, Woodward BM, et al. Ascorbic acid in the acute care setting. *JPEN J Parenter Enteral Nutr* 2021;45:874-81.
- Kressin C, Thompson Bastin M, Ather A, Gopinath A, Srour H, Schadler A, **Pandya K**. Cisatracurium continuous infusion versus no neuromuscular blockade for acute respiratory distress syndrome on venovenous extracorporeal membrane oxygenation. *J Clin Pharmacol* 2021 Jun 28. [Epub ahead of print]
- Bell CM, Procter LD, **Parli SE**. Asystole following concomitant intravenous administration of neostigmine and dexmedetomidine in a patient with acute colonic pseudo-obstruction. *J Pharm Pract* 2021 Mar 19. [Epub ahead of print]
- Duane TM, Huston JM, Collom M, Beyer A, **Parli S**, et al. Surgical Infection Society 2020 updated guidelines on the management of complicated skin and soft tissue infections. *Surg Infect (Larchmt)* 2021;22:383-99.
- Nguyen CT, **Petrucci K**, Daily E, et al. Investigating the impact of a β -lactam allergy label on perioperative antibiotic prophylaxis administration. *Infect Control Hosp Epidemiol* 2021;42:710-4.
- Hyland SJ, Brockhaus KK, **Vincent WR**, et al. Perioperative pain management and opioid stewardship: a practical guide. *Healthcare (Basel)* 2021;9:333.
- **Wolfe RC**, Bequette J. Dopamine receptor antagonists for the prevention and treatment of postoperative nausea and vomiting. *J Perianesth Nurs* 2021;36:199-202.

New ACCP Fellows

- Gourang Patel

Pharmaceutical Industry PRN

Publications

- **Evens RP**. Biotech R&D spending grew by more than 3X the rate of total industry spend in 2001-2020.

Tufts CSDD Impact Report 2021;23:1-4.

- **Evens RP**, ed. *Biotechnology – The Science, The Products, The Government, and The Business*. Boca Raton, FL: Taylor & Francis, 2021.
- **Evens RP**, ed. *Global Biotech Database & Analysis E-Sourcebook*. Boston: Tufts University Center for Study of Drug Development, 2021. [In press]
- **Hermes-DeSantis ER**, Hunter RT, Welch J, et al. Preferences for accessing medical information in the digital age: a healthcare professional survey. *J Med Internet Res* 2021;23:e25868.
- Albano D, Follman S, Patel YD, Gantotti S, Reilly P, **Hermes-DeSantis ER**. Enhancing patient care: value of pharmaceutical medical information services. *J Nurse Pract* 2021;17:840-5.

Other Notable Achievements

- **Daytriona Clemons**:
Began a fellowship with Rutgers Institute for Pharmaceutical Industry in partnership with Janssen, working in Research and Development within Clinical Science; therapeutic area: Pulmonary Hypertension.
Has been invited to speak at the Industry Pharmacists Organization's VIP Case Competition; October 5, 2021; virtual. She will be speaking about clinical development and engaging in dynamic dialogue with pharmacy scholars.

Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN

Promotions

- **Roseann Gammal**: Associate Professor of Pharmacy Practice, Massachusetts College of Pharmacy and Health Sciences.
- **Jason Karnes**: Associate Professor with Tenure, University of Arizona College of Pharmacy, Department of Pharmacy Practice and Science, Tucson, Arizona.

Awards

- **Aniwaa Owusu Obeng**: Solomon Silver Award in Clinical Medicine, Icahn School of Medicine at Mount Sinai at the 2021 Faculty Awards.

Grants

- **Jacob T. Brown**: Pharmacogenomics Clinical Training Program for Pharmacists in Rural and Underserved Areas in Minnesota. Role: Co-investigator. Minnesota Department of Health: \$300,000.
- **Jason Karnes**: Leveraging the Microbiome, Local Admixture, and Machine Learning to Optimize

Anticoagulant Pharmacogenomics in Medically Underserved Patients. Role: Principal Investigator. NIH/National Heart, Lung, and Blood Institute.

• **Roxane Rohani:**

- 31st European Congress of Clinical Microbiology & Infectious Diseases ECCMID 21 for'21 Grant.
- 31st European Congress of Clinical Microbiology & Infectious Diseases Travel Grant.

Publications

- **Alghanem SS**, Soliman MM, Alibrahim AA, et al. Monitoring tacrolimus trough concentrations during the first year after kidney transplantation: a national retrospective cohort study. *Front Pharmacol* 2020;11:566638.
- AbdElhalim MS, Kenawy AS, El Demellawy HH, Azouz AA, **Alghanem SS**, et al. The impact of proton pump inhibitors (PPIs) on mycophenolate pharmacokinetics in kidney transplant recipients. *Kidney Res Clin Pract* 2020;39:479-86.
- **Bishop JR**, Huang RS, **Brown JT**, Mroz P, Johnson S, Allen JD, Bielinski SJ, England J, Farley JF, Gregornik D, Giri J, Kroger C, Long SE, **Luczak T**, McGonagle EJ, Ma S, Matey ET, Mandic PK, Moyer AM, Nicholson WT, **Petry N**, et al. Pharmacogenomic education, research, and clinical implementation in the state of Minnesota. *Pharmacogenomics* 2021;22:681-91.
- **Brown JT**, Camp-Soria C, **Bishop JR**. Current strategies for predicting side effects from second generation antipsychotics in youth. *Expert Opin Drug Metab Toxicol* 2021;17:655-64.
- **Brown JT**, MacDonald D, Yapel A, et al. Integrating pharmacogenetic testing via medication therapy management in an outpatient family medicine clinic. *Pharmacogenomics* 2021;22:203-12.
- **Cicali EJ**, **Elchynski AL**, Cook KJ, Houder JT, **Thomas CD**, **Smith DM**, Elsey A, Johnson JA, **Cavallari LH**, et al. How to integrate CYP2D6 phenocconversion into clinical pharmacogenetics: a tutorial. *Clin Pharmacol Ther* 2021 Jul 7. [Epub ahead of print]
- Duarte JD, Dalton R, **Elchynski AL**, **Smith DM**, **Cicali EJ**, **Lee JC**, Duong BQ, **Petry NJ**, **Aquilante CL**, **Beitelshees AL**, **Empey PE**, **Johnson JA**, **Obeng AO**, **Pasternak AL**, Pratt VM, Ramsey LB, **Tuteja S**, Van Driest SL, Wiisanen K, **Hicks JK**, **Cavallari LH**. Multi-site investigation of strategies for the clinical implementation of preemptive PGx testing. *Genet Med* 2021 Jul 19. [Epub ahead of print]
- **Eum S**, Hill SK, Alliey-Rodriguez N, **Stevenson JM**, Rubin LH, Lee AM, Mills LJ, Reilly JL, Lencer R, Keedy SK, Ivleva E, Keefe RSE, Pearlson GD, Clementz BA, Tamminga CA, Keshavan MS, Gershon ES, Sweeney JA, **Bishop JR**. Genome-wide association study accounting for anticholinergic burden to examine cognitive dysfunction in psychotic disorders. *Neuropsychopharmacology* 2021;46:1802-10.
- **Gammal RS**, **Lee YM**, **Petry NJ**, Iwuchukwu O, Hoffman JM, Kisor DF, **Empey PE**. Pharmacists leading the way to precision medicine: updates to the core pharmacist competencies in genomics. *Am J Pharm Educ* 2021 Jul 22. [Epub ahead of print]
- **Gammal RS**, **Smith DM**, Wiisanen KW, Cusimano JM, Pettit RS, Stephens JW, **Walko CM**, Yang RH, **Dunnenberger HM**. The pharmacist's responsibility to ensure appropriate use of direct-to-consumer genetic testing. *J Am Coll Clin Pharm* 2021;4:652-8.
- **Hoshitsuki K**, Fernandez CA, Yang JJ. Pharmacogenomics for drug dosing in children: current use, knowledge, and gaps. *J Clin Pharmacol* 2021;61(suppl 1):S188-S192.
- McDermott JH, Wolf J, **Hoshitsuki K**, et al. Clinical pharmacogenetics implementation consortium guideline for the use of aminoglycosides based on MT-RNR1 genotype. *Clin Pharmacol Ther* 2021 May 25. [Epub ahead of print]
- Cronin RM, Halvorson AE, Springer C, Feng X, Sulieman L, Loperena-Cortes R, Mayo K, Carroll RJ, Chen Q, Ahmedani BK, **Karnes JH**, et al.; on behalf of the All of Us Research Program Investigators. Comparison of family health history in surveys versus electronic health records in the All of Us Research Program. *J Am Med Inform Assoc* 2021;28:695-703.
- Deshpande P, Hertzman R, Palubinsky A, Giles J, **Karnes J**, et al. Immunopharmacogenomics: mechanisms of HLA-associated drug reactions. *Clin Pharmacol Ther* 2021 Jun 18. [Epub ahead of print]
- Giacomini K, **Karnes J**, **Crews K**, et al. Advancing precision medicine through the new Pharmacogenomics Research Network. *Clin Pharmacol Ther* 2021 Jul 28. [Epub ahead of print]
- Grace C, Larriva MM, Steiner HE, Marupuru S, Campbell PJ, Patterson H, Cropp C, Quinn D, Klimecki W, Nix DE, Warholak T, **Karnes JH**. Efficacy of personal pharmacogenomic testing as an educational tool in the pharmacy curriculum: a non-blinded, randomized controlled trial. *Clin Transl Sci* 2021. [In press]
- Hertz D, Arwood M, Stocco G, Singh S, **Karnes J**, et al. Planning and conducting a pharmacogenetics association study. *Clin Pharmacol Ther* 2021 Apr 20. [Epub ahead of print]
- Toshner M, Church C, Harbaum L, Rhodes C, Villar S, Liley J, Jones R, Arora A, Batai K, Desai A, Coghlan J, Gibbs JS, Gor D, Gräf S, Harlow L,

Hernandez-Sanchez J, Howard L, Humbert M, **Karnes J**, et al. Mendelian randomization and experimental medicine trial fail to support IL-6 as a drug target in pulmonary arterial hypertension. *Eur Respir J* 2021. [In press]

- **Luczak T**, Stenehjem DD, **Brown JT**. Applying an equity lens to pharmacogenetic research and translation to underrepresented populations. *Clin Trans Sci*. [In press]
- Claudio-Campos K, Padrón A, Jerkins G, Nainaparampil J, Nelson R, Martin A, Wiisanen K, **Smith DM**, Strelakova Y, Marsiske M, **Cicali EJ**, **Cavallari LH**, et al. Acceptability, feasibility, and utility of integrating pharmacogenetic testing into a child psychiatry clinic. *Clin Transl Sci* 2021;14:589-98.
- Writer R, Barthen C, Antinopoulos B, Uber R, **Stevenson JM**, et al. How community pharmacists envision using pharmacogenomic data: a qualitative analysis. *J Am Pharm Assoc (2003)* 2021 Apr 5. [Epub ahead of print]
- Lee CR, **Thomas CD**, **Beitelshees AL**, **Tuteja S**, **Empey PE**, **Lee JC**, **Limdi NA**, Duarte JD, Skaar TC, Chen Y, Cook KJ, Coons JC, Dillon C, Franchi F, Giri J, Gong Y, Kreutz RP, McDonough CW, **Stevenson JM**, Weck KE, Angiolillo DJ, Johnson JA, Stouffer GA, **Cavallari LH**; IGNITE Network Pharmacogenetics Working Group. Impact of the *CYP2C19*17* allele on outcomes in patients receiving genotype-guided antiplatelet therapy after percutaneous coronary intervention. *Clin Pharmacol Ther* 2021;109:705-15.

Pulmonary PRN

Members of the Pulmonary PRN look forward to the PRN's focus session: "Updates in Asthma Management: A Tale of 2 Guidelines." Three PRN-commissioned research projects are under way. Follow us on Twitter [@ACCPpulmPRN](https://twitter.com/ACCPpulmPRN). We are a small but energetic community – reach out to an officer or committee chair if you are interested in becoming more involved in the network!

Promotions

- **Julie A. Murphy**: Director of the Office of Undergraduate Research and the Office of Competitive Fellowships, The University of Toledo, Toledo, Ohio.

Publications

- **Boylan PM**, **Santibañez M**, Lounsbury N, et al. A nonthrombotic pulmonary embolus caused by polyalkylamide dermal filler: a case report and literature review of medication management. *J Am Pharm Assoc* 2021;61:e324-e331.

- **Fisher D**, Diaz L, Serrato I, et al. Gamification: an interactive activity to assess the effect of game-based learning in the area of drug card. *ACCP EDTR PRN Newsletter*. Fall 2020.
- **Murphy JA**, Curran BM, Gibbons WA III, et al. Adjunctive phenobarbital for alcohol withdrawal syndrome: a focused literature review. *Ann Pharmacother* 2021 Mar 7. [Epub ahead of print]
- **Santibañez M**. A closer look at the Pulmonary PRN; clinical update – COVID-19 vaccines. *ACCP Experts in Training: News for Resident, Fellow, and Graduate Student Members of ACCP Newsletter*, January 2021.
- **Santibañez M**, Duque A, Harris T. A look at piperacillin/tazobactam versus carbapenems for ESBL infections. *IDStewardship.com*. June 2021.
- **Santibañez M**, Reeves AA. Upper respiratory tract infections. In: Sutton SS, ed. *NAPLEX Review Guide*, 4th ed. New York: McGraw-Hill, 2021.
- **Santibañez M**, Sedlacek J, Parmar J. Perceptions regarding pharmacy training across four domains: a survey of new pharmacist practitioners. *J Am Coll Clin Pharm* 2021;4:622-30.
- Condeni MS, Basting A, Costello PG, DePriest A, Eriksson EA, Evans H, Hertel K, Holder AL, Kester AN, Kowalski KR, Magee CA, McLean B, Reichert M, **Santibañez M**, et al. Major publications in the critical care pharmacotherapy literature: 2019. *J Crit Care* 2021;62:197-205.
- Crowley KL, **Santibañez M**, Schmidt L. Clinical considerations for alternative nimodipine dosing strategies in aneurysmal subarachnoid hemorrhage. *SCCM Clinical Pharmacy and Pharmacology Section Newsletter* 2021;21:11-4.
- Fernandez D, Maldonado A, Williams L, Rogers B, **Santibañez M**. Abstract 617: correlation between thromboelastography and standard coagulation tests at a community hospital. *Crit Care Med* 2021;49:302.
- Parker CR, Riggi G, **Santibañez M**, et al. Neuromuscular blocking agent safety. *SCCM Clinical Pharmacy and Pharmacology Section Newsletter* 2021;21:9-11.

Presentations

- **Fisher D**: COVID 19 and treatment strategies. Podium presentation at: Annual Houston Health Education; August 2020; virtual. Differences between NHLBI asthma guidelines 2007 and 2019. Continuing education presentation at: National Pharmaceutical Association; November 2020; virtual. Inhaler technique & demonstrations. Podium

presentation at: American Lung Association COPD Education Institute; April 2021; virtual.

Update on smoking cessation. Continuing education presentation at: Georgia Pharmacists Association; June 2021; virtual.

- **Santibañez M:**

Burnout in pharmacy practice: COVID and beyond! Continuing education presentation at: Nova Southeastern University 32nd Annual Contemporary Pharmacy Issues Conference; May 2021; virtual.

Strategies to achieve active learning in the classroom (co-presenter). Roundtable presentation for: Annual NSU COP Faculty Development Series; May 2021; virtual.

Pharmacotherapy management for heart failure with recovered ejection fraction (co-presenter). Encore presentation at: ACCP Virtual Poster Symposium; May 2021; virtual.

New ACCP Fellows

- Kristen Pogue

Other Notable Achievements

- **Damien Fisher:** New position as Assistant Professor of Pharmacy Practice, South University College of Pharmacy, Savannah, Georgia.
- **Kristen Pogue:** Voted Incoming Chair of the Board of Pharmacy Specialties Cardiology Specialty Council.
- **Melissa Santibañez:**
Video interview with Pharmacy Times: Identifying Causes of Pharmacist Burnout. May 2021.
Video interview with Pharmacy Times: Value of a Pharmacist on a Care Team. May 2021.
Video interview with Pharmacy Times: Health System Staff Wellness Programs Could Help Address Pharmacist Burnout. June 2021.

Women's Health PRN

Promotions

- **Jaini Patel:** Associate Professor, Midwestern University College of Pharmacy, Downers Grove Campus.

Awards

- **Sally Rafie:** Fellow of the California Pharmacists Association.

Publications

- **Arellano R, Patel J.** Contraception updates. In: Dixon DL, Harris IM, eds. Ambulatory Care Self-Assessment Program, 2021 Book 2. Women's and Men's Care. Lenexa, KS: American College of

Clinical Pharmacy, 2021:7-37.

- **Bartelme KM.** Polycystic ovary syndrome. In: Dixon DL, Harris IM, eds. Ambulatory Care Self-Assessment Program, 2021 Book 2. Women's and Men's Care. Lenexa, KS: American College of Clinical Pharmacy, 2021:83-108.
- **Cieri-Hutcherson NE, Jaenecke A, Bahia A, et al.** Systematic review of L-arginine for the treatment of hypoactive sexual desire disorder and related conditions in women. *Pharmacy (Basel)* 2021;9:71.
- Ciriello D, **Cieri-Hutcherson NE, Seyse S, et al.** Evaluation of a vaso-occlusive crisis pain-management protocol for adult patients hospitalized with sickle cell disease. *J Am Coll Clin Pharm* 2021. [In press]
- Fan CW, **Cieri-Hutcherson NE, Hutcherson TC.** Systematic review of black cohosh (*Cimicifuga racemosa*) for the management of polycystic ovary syndrome-related infertility. *J Pharm Pract* 2021 Apr 29. [Epub ahead of print]
- **Lakdawala L.** Interactive case: infertility—ovulation disorders. In: Dixon DL, Harris IM, eds. Ambulatory Care Self-Assessment Program, 2021 Book 2. Women's and Men's Care. Lenexa, KS: American College of Clinical Pharmacy, 2021:169-75.
- **Leader LD.** Interactive case: opioid use disorder in pregnancy. In: Dixon DL, Harris IM, eds. Ambulatory Care Self-Assessment Program, 2021 Book 2. Women's and Men's Care. Lenexa, KS: American College of Clinical Pharmacy, 2021:161-7.
- Walkerly A, **Leader LD, Cooke E, et al.** Review of allopregnanolone agonist therapy for the treatment of depressive disorders. *Drug Des Devel Ther* 2021;15:3017-26.
- Wilkinson TA, **Meredith AH, Rafie S, et al.** Adolescents' and young adults' ability to self-screen for contraindications to hormonal contraception and the role of chronic illness. *J Adolesc Health* 2021 Jun 3. [Epub ahead of print]
- Grossman D, Baba CF, Kaller S, Biggs MA, Raifman S, Gurazada T, **Rafie S, et al.** Medication abortion with pharmacist dispensing of mifepristone. *Obstet Gynecol* 2021;137:613-22.
- Kaller S, Morris N, Biggs MA, Baba CF, **Rafie S, et al.** Pharmacists' knowledge, perspectives, and experiences with mifepristone dispensing for medication abortion. *J Am Pharm Assoc* 2021 Jun 18. [Epub ahead of print]
- Nguyen M, O'Grady N, Hildebrand M, Mody S, **Rafie S.** Direct pharmacist prescribing of emergency contraception: findings of an academic detailing intervention pilot. *J Contemp Pharm Pract* 2021. [In press]
- Skog J, **Rafie S, Schnock K, et al.** The impact of

smart pump interoperability on errors in intravenous infusion administrations: a multihospital before and after study. *J Patient Saf* 2021. [In press]

- **Stone RH**, Abousaud M, Abousaud A, et al. A systematic review of intravaginal diazepam for the treatment of pelvic floor hypertonic disorder. *J Clin Pharmacol* 2020;60(suppl 2):S110-S120.
- **Stone R, Cieri-Hutcherson NE, Vernon V, Arellano R, Mospan C, Harris JB, Barnes KN, Griffin B, Lodise N, Patel J, Rafie S, Vest K**. An integrative review of curricular considerations for preparing student pharmacists to prescribe hormonal contraception. *Am J Pharm Educ* 2021. [In press]
- **Stone RH, Griffin B, Fusco RA, Vest K**, et al. Factors affecting contraception access and use in patients with opioid use disorder. *J Clin Pharmacol* 2020;60(suppl 2):S63-S73.
- **Stone RH, Rafie S**. Medication abortion: advocating for mifepristone dispensing by pharmacists. *Contraception* 2021;104:31-2.
- Sassenrath K, Phillips BB, **Stone RH**. Evaluation of GLP-1 receptor agonists in combination with multiple daily insulin injections for type 2 diabetes. *J Pharm Pract* 2021 Apr 29. [Epub ahead of print]

ACCP LAUNCHES COMMUNITY-BASED PRN

ACCP officially welcomes its newest PRN – the Community-Based Practice and Research Network – which was formally approved by the ACCP Board of Regents on July 28. Community-based pharmacy practitioners face many unique challenges, including practice management topics such as appointment-based scheduling, medication synchronization, and eCare plan review and documentation, as well as point-of-care testing, immunizations, and naloxone prescribing. The new PRN will focus on supporting community-based practitioners' needs for unique programming, research, and collaboration.

More than 125 ACCP members responded to a recent survey gauging interest in forming a practice and research network in the community-based area. The survey was initiated by the [ACCP Community-Based Pharmacy Advisory Panel](#). Members of the panel include Cody Clifton, Kelly Cochran, Stefanie Ferreri, Caitlin Frail, Melissa Somma McGivney, and Margie Snyder. Snyder subsequently submitted the application for the new PRN on behalf of the ACCP members responding to the survey. In announcing the board's approval of the formation of the Community-Based PRN, ACCP President Jimmi Hatton Kolpek stressed the importance of the new PRN to ACCP, its members, and their patients.

Community-based members are at the forefront of health equity challenges affecting diverse populations. The programming, research, and practice initiatives from this PRN [will] create networking opportunities and extend our understanding of factors affecting inclusive health care goals across the care continuum.

Snyder is an associate professor of pharmacy practice at the Purdue University College of Pharmacy and a member of the Department of Pharmacy Practice's Community Pharmacy Advancement Committee. In this role, she established the Medication Safety Research Network of Indiana (Rx-SafeNet), a state-wide practice-based research network of community pharmacies. She directs Purdue's Community Practice Research Fellowship Program and serves as a preceptor for the PGY1 community pharmacy residencies affiliated with the college. In addition, she serves as a faculty practice transformation coach to Team Indiana for the Flip the Pharmacy Program. Snyder, who also serves as founding chair of the PRN, talked about potential activities and near-term goals for the new PRN.

I am thrilled by the board's approval of the new Community-Based Practice and Research Network and am excited to connect with ACCP members at the Annual Meeting in October for networking and further discussion. I am looking forward to leading this PRN in developing community-focused programming and research development and collaboration efforts.

The Community-Based PRN becomes ACCP's 28th practice and research network and is now recruiting members. To join the new PRN, click [here](#).

ACCP FOUNDATION UPDATE



Here is a quick update on the ACCP Foundation's activities since the last *PRN Report*. As always, thank you for your support and engagement.

Coming Soon: Virtual Scientific Poster Presentations

Scientific Poster Presentations will take place in the online poster hall for asynchronous viewing and comment October 16–24. In addition, authors will be available during one of two interactive sessions for real-time, online question-and-answer sessions alongside their virtual posters: Tuesday, October 19, from 6:00 to 8:00 p.m., Central Time, and Wednesday, October 20, from 6:00 to 8:00 p.m., Central Time. Poster sessions will be free and open to the public.

Again this year, each PRN (through officers) will be provided 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 early October. If your PRN does not receive a copy, please contact Shelly Enders (senders@accp.com).

2022 Futures Grants: Mentored Research Awards

The ACCP Foundation's Futures Grants program for *student, trainee, and early-career ACCP members* is designed to support the development of research skills and establish sustained interest and careers in pharmacy research. The amount of Futures Grants awards ranges from \$5,000 to \$40,000, depending on applicant eligibility and budget approval. Up to \$100,000 in mentored, developmental research awards is expected to be distributed through the 2022 Futures Grants program.

The next grant application cycle will open May 15, 2022, and completed applications will be due no later than September 1, 2022. Grants will be reviewed and scored by translational category of the research in addition to the applicant's eligibility level. For more information about this grant award program, visit www.accpfoundation.org/futures.

The 2021 Futures Grants application period closed September 1, and award recipients will be announced by November 15, 2021.

Investigator Development

The Foundation's research development programs returned in 2021, after the pandemic forced cancellations in June 2020. In June 2021, 30 participating mentees and mentors spent a productive week crafting and refining research projects and grant applications.

Mentored Research Investigator Training (MeRIT) Program

This one-of-a-kind training program is designed to help pharmacists develop the abilities necessary to conduct investigator-initiated research, either independently as a principal investigator or actively as a 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; and
- Aspiring to be active principal investigators 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).

The application period for the 2022 MeRIT Program will open in November 2021, with letters of intent due February 28, 2022, and full applications due March 31, 2022. The primer program will be held June 13–17, 2022, on the campus of the University of Kentucky College of Pharmacy in Lexington.

Focused Investigator Training (FIT) Program

The Foundation's flagship pharmacist investigator training program will also continue June 13–17, 2022, at the University of Kentucky College of Pharmacy in Lexington. If you plan to submit (or resubmit) a research proposal to the 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 2022 FIT Program will open in November 2021, with letters of intent due February 28, 2022, and full applications due March 31, 2022.

More information on MeRIT and FIT is available on the Foundation's website [here](#).

WASHINGTON REPORT

Don't Miss Our Exciting Advocacy Session!

Advancing the Profession by Influencing Policy: ACCP's Advocacy Efforts Beyond Capitol Hill

The global COVID-19 pandemic has produced a prolonged period of uncertainty and high demand for health care, exposing gaps in the health care system and a workforce shortage. This learning session at the 2021 Virtual ACCP Member Meeting on Saturday, October 16, from 1:30 p.m. to 3:00 p.m. CDT will provide an overview of key legislative opportunities to leverage the pharmacy workforce (e.g., Public Readiness and Emergency Preparedness [PREP] Act and 1135 waivers), during the ongoing public health emergency.

Although advocacy sessions initially focused on emergency and acute care resources, improving chronic and complex care management is now of particular importance in reducing hospitalizations and lessening the risk of underlying conditions.

Through active discussion with expert panelists, attendees will evaluate the potential impact of comprehensive medication management (CMM) on chronic care

management and acquire advocacy resources for advancing clinical pharmacist integration into team-based care models consistent with implementing the Social Security Act, MACRA, and the Quality Payment Program.

These resources will include the Implementing High-Quality Primary Care report from the National Academies (NASEM) as well as reports from the Get the Medications Right (GTMRx) Institute. Speakers will summarize these resources, and panelists will discuss how they can be applied to advocate for payment and policy reform and engage key stakeholders. This knowledge-based activity is available for 1.5 hours of continuing pharmacy education credit.

[Click here to learn more!](#)

Coverage for Services: Why Provider Status Alone Is Not the Solution

For as long as ACCP has operated a Washington office, the omission of pharmacists from the list of “eligible providers” under [section 1861](#) of the Social Security Act has been viewed by the wider pharmacy profession as the single greatest barrier to securing payment for services. That’s why, as far back as 2003, ACCP has led efforts to “fix” Medicare Part B through the [Pharmacist Provider Coalition](#) and the [Leadership for Medication Management](#).

But in 2013, after a decade of advocacy work focused on provider status, ACCP’s Board of Regents launched a high-profile legislative initiative that focused on establishing coverage for pharmacists’ clinical services, not “status” for providers.

ACCP’s advocacy strategy now focuses on amending the list of covered services, not covered providers, because Medicare payment is not based on the “recognition” of members of certain health care professions as providers. Medicare payment policy [sets out a list](#) of covered tests, items, and services together with the qualifications required for eligibility to render these services.

Let’s look at examples of other Medicare-eligible providers. [Chiropractors](#) are listed as Medicare providers, but payment is specifically linked to coverage for a defined service: “manual manipulation of the spine if medically necessary to correct a subluxation when provided by a chiropractor or other qualified provider.”

That’s not to say provider status is unimportant. Efforts at the state level to formalize pharmacists’ integration into patient care teams often require a legislative amendment to expand the definition of provider. In California, the successful campaign to define pharmacists as providers and establish the “[advanced practice pharmacist](#)” (APP) designation was an important step in this process.

But even according to the California Pharmacists Association (CPhA), obtaining provider status and additional scope of practice was the *first step* for pharmacists to contribute in broader ways to the health care team.

Now, CPhA’s focus has turned to ensuring that [payment systems support pharmacists in these new roles](#).

ACCP’s Medicare Initiative will establish “provider status” for **qualified clinical pharmacists**. Its message is simple: to achieve Medicare’s goals of getting the medications right, Congress should pass legislation to establish Medicare Part B coverage for comprehensive medication management *provided by qualified clinical pharmacists as members of the patient’s health care team*. Our goal is to develop sustainable payment mechanisms that include clinical pharmacists in patient care teams. Provider status alone will not achieve this.

ACCP Member Speaks in Minority Health Panel Discussion Hosted by #ThisIsOurShot

#ThisIsOurShot (TIOS) is a national grassroots coalition of health care heroes and allies that aims to build vaccine trust for a COVID-free world and combat misinformation by elevating the voices of health care heroes as trusted messengers through stories, photos, and videos. ACCP partnered with TIOS earlier this year and is actively engaged as a TIOS ally organization. On April 26, 2021, TIOS hosted an online panel discussion for minority health month focused on COVID vaccines. The speakers focused on ways to build vaccine trust in underrepresented minority groups and identified considerations in increasing COVID immunization rates in communities of color. [Click here to learn more!](#)

2021–2022 ACCP-ASHP-VCU Congressional Healthcare Policy Fellow

In July 2021, ACCP’s Washington, D.C., team welcomed Tatiana Bujnoch, Pharm.D., M.S., BCPS, to its office as the 2021–2022 [American College of Clinical Pharmacy-American Society of Health-System Pharmacists-Virginia Commonwealth University Congressional Healthcare Policy Fellow](#).

Launched in 2006 under the guidance of ACCP Past President Gary R. Matzke, Pharm.D., FCCP, FCP, the fellow program offers a unique, year-long health care–policy learning experience in the U.S. Congress and the government affairs offices of ACCP and ASHP. The program offers pharmacists an opportunity to gain insight into health care policy analysis and development through immersion in the congressional environment. Fellows are mentored in legislative evaluation, policy development, research, and writing.

Bujnoch earned her Pharm.D. degree from Northeastern University in Boston and her M.S. degree in pharmacy administration and leadership from the University of Houston. Her postgraduate training was in health system pharmacy administration and leadership at Memorial Hermann Health System in Houston.

Working as a pharmacist during the pandemic underscored to her the importance of health policy: “I spoke many times with patients who couldn’t afford medications or who were afraid they couldn’t afford treatment for COVID.”

Bujnoch traces her passion for health care policy to her family. She hails from a small town in South Central Texas and is the granddaughter of working-class grandparents without college degrees. Their sacrifices for her family led her to want to make the most of her opportunities, she said.

After the death of her father by suicide during her first year of college, Bujnoch decided to focus on bettering the lives of others. She took on new challenges, including working for 3 months in Jamaica as an assistant in clinics. As she wrote in her application, “Now, I feel the urge to continue to think broader and understand the larger picture, leading me to pursue this fellow program to engage in policy at the national level.”

The fellowship, which began in July, consists of 1 week at the Brookings Institution and 3 weeks each with ACCP’s and ASHP’s government affairs offices. Afterward, Bujnoch will begin her placement within a congressional office or as a member of congressional committee staff in Washington, D.C.

After completing the fellowship, Bujnoch hopes to continue to be engaged in health policy development:

Health issues are important. A devastating health issue can ruin lives. It’s a cliché, I know, but it’s true: I really just want to help people.

Alumni Fellows

The 2020–2021 fellow, Nimit Jindal, Pharm.D., is serving in the U.S. House of Representatives as Health and Labor Legislative Assistant in the office of Congressman [Joseph Morelle \(D-NY\)](#).

After serving in the program, past fellows have gone on to engage in a variety of important roles in health care policy and government:

- Rita A. Habib, Pharm.D., MPH, is a full-time staff member in the office of Sen. Michael Bennet (D-CO).
- Nilofar Jafari, Pharm.D., MPH, serves as a Pharmacy Benefits Management Clinical Informatics Pharmacist Program Specialist, U.S. Department of Veterans Affairs.
- Daniel Nam, RPh, J.D., is the Associate Principal, Pharmacy Policy at Avalere Health.
- Tracy Rupp, Pharm.D., MPH, is a Consumer Safety Officer, CDER Office of Compliance at the U.S. Food and Drug Administration (FDA).

Applications for 2022–2023 Pharmacy Healthcare Policy Fellow Program

Interested candidates should visit the pharmacy Congressional Healthcare Policy Fellow [program’s website](#) for more information and instructions on submitting an application.

U.S. Congress Draft Legislation Includes Medicare Coverage for “Genomic Precision Medicine Consultations” Delivered by Qualified Clinical Pharmacists

An early draft of the “CURES 2.0” legislation that would create a new agency to develop new treatments for cancer, Alzheimer disease, and other high-profile diseases also proposes Medicare coverage for “genomic precision medicine consultations”—including payment for a “qualified clinical pharmacist.” ACCP has held meetings with legislative staff from the lead congressional offices to learn more about this important development and how the College can work with Congress and other key stakeholders to help advance it through the legislative and regulatory process.

This provision, together with growing interest in comprehensive medication management (CMM) at the Medicare Innovation Center, provides further evidence of the growing success of ACCP’s strategy to align the profession with high-profile, broadly endorsed, multi-stakeholder legislative efforts on Capitol Hill. [Click here to read more!](#)

GTMRx Hosts Third Executive Roundtable – Payment, Policy & Practice: Supporting Medication Management Reform

On June 24, 2021, the Get the Medications Right (GTMRx) Institute hosted its third executive roundtable made up of key stakeholders from various sectors, including payer and employer groups. The virtual event included three major topic presentations together with a discussion, concluding with a reactor panel as listed in the text that follows.

The goal of the discussion was to gain insights on regulatory and policy trends that inform payment and policy strategies in order to advance medication optimization in team-based care. ACCP member and Past President Curtis Haas, Pharm.D., FCCP, presented on “Measures to Motivate Adoption,” prompting a rich discussion on the current thinking and the further work needed to develop meaningful metrics to scale and expand comprehensive medication management services as well as improve patient outcomes and provide value to the team-based care model and health system. [Click here to learn more!](#)

Get Involved with GTMRx!

ACCP members are encouraged to sign up as members of GTMRx to receive updates and access to exclusive programming. [Click here](#) to join this exciting effort today.

Contribute to ACCP-PAC!

Political action committee (PAC) contributions are a constitutionally protected part of the U.S. political system under the First Amendment's guarantee of free speech.

ACCP-PAC is the only means through which the College can provide financial support for candidates for Congress. With its 18,000 ACCP members, ACCP is in a position to become one of the most prominent pharmacy PACs in Washington. To do this, the College needs the widespread support of its membership. If each ACCP member contributed just \$30, ACCP-PAC would raise over \$500,000. All ACCP members should consider donating at least \$30 to ACCP-PAC. [Click here](#) to support your PAC today!

POSTGRADUATE TRAINEE UPDATE

Residents, Fellows, and Graduate Students

In addition to the new [ACCP Career Center](#), residents and fellows searching for training and employment opportunities can participate in the [ACCP Virtual Recruitment Events](#). This includes the Residency and Fellowship Showcase on October 29 and Professional Placement Meetings for residency, fellowship, graduate programs, and faculty/practitioner positions on November 11 and 12. Participation is free for candidates. The cost for employers is \$75 per program on or before October 11 or \$150 per program October 12 or later.

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

You can also follow news and events for postgraduate trainees on Twitter and Instagram @ACCPpostgrads. The ACCP "Creating Your Digital Brand" toolkit is a resource that was designed by the 2019 ACCP Resident Advisory Committee to assist students, trainees, and pharmacists in developing their professional online presence via sites such as LinkedIn and Twitter. Begin creating your own digital brand here: <https://www.accp.com/resfel/digitalbrand.aspx>.

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 them at least monthly throughout their training year. ACCP supports mentors and mentees with monthly emails of potential topics for discussion. Opportunities and resources offered by ACCP are also included in the monthly correspondence. The 2021–2022 program opened to residents and fellows seeking a mentor on August 25, 2021.

The 2022 Resident Advisory Committee has been appointed. The committee will be chaired by Henry Okoroike and co-chaired by Mia Lussier. Members-at-large serving on the committee include Tuqa Alkhateeb, Sara Bruner, Abigail Elmes, Jenna Gerhardt, Nicole Hume, Philip Jacobson, Andrew Jatis, Amilda Medina, Nicholas Nelson, Brooke Smith, Yujing Steenwyk, Thomas Wert, Samira Zantout, and Jessica Zhao.

The Resident Advisory Committee creates Annual Meeting programming, newsletter content, and podcasts. You can subscribe to the [ACCP podcast](#) from your favorite podcasting platform to be notified when new episodes are released.

STUDENT INITIATIVES UPDATE

ACCP Clinical Pharmacy Challenge: The Pursuit of Excellence Continues



Now entering its second decade of excellence, the ACCP Clinical Pharmacy Challenge returns in 2021. From an initial field of 110 teams, eight have advanced to compete in the quarterfinal rounds. Please join ACCP in recognizing the effort and academic excellence achieved by the 2021 Clinical Pharmacy Challenge quarterfinalists:

- Butler University College of Pharmacy and Health Sciences
- East Tennessee State University Bill Gatton College of Pharmacy
- Oregon State University College of Pharmacy
- University of Colorado Anschutz Medical Campus Skaggs School of Pharmacy and Pharmaceutical Sciences
- University of Missouri-Kansas City School of Pharmacy
- University of Southern California School of Pharmacy
- University of Toledo College of Pharmacy and Pharmaceutical Sciences
- University of Wisconsin-Madison School of Pharmacy

2021 ACCP Clinical Pharmacy Challenge Remaining Schedule (held online)

- October 11, 2021 Quarterfinal Round
- October 13, 2021 Semifinal Round
- October 15, 2021 Final Round

Travel Awards Promote Student and Resident/Fellow Meeting Attendance

ACCP initiated its Student and Resident/Fellow Travel Awards programs to support and encourage student, resident, and fellow participation in ACCP national meetings—including this year’s virtual and on-demand event—as well as to expand opportunities for students and postgraduate trainees throughout the organization. To date, ACCP has awarded more than \$90,000 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 help defray the costs associated with participation in ACCP Annual Meeting activities.

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

- Adult Medicine PRN
- Ambulatory Care PRN
- Cardiology PRN
- Clinical Administration PRN
- Critical Care PRN
- Drug Information PRN
- Education and Training PRN
- Endocrine and Metabolism PRN
- Geriatrics PRN
- GI/Liver/Nutrition PRN
- Health Outcomes PRN
- Hematology/Oncology PRN
- HIV PRN
- Infectious Diseases PRN
- Nephrology PRN
- Pain and Palliative Care PRN
- Pediatrics PRN
- Perioperative Care PRN
- Pharmacokinetics/Pharmacodynamics/
Pharmacogenomics PRN
- Pulmonary PRN
- Women’s Health PRN

2021–2022 National Student Network Advisory Committee (SNAC) Appointed

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 these applications, ACCP President-Elect Leigh Ann Ross selected student members for appointment. The committee will meet virtually throughout the year to meet their assigned charges. ACCP is pleased to announce the appointment of the following student members to the 2021–2022 SNAC.

- **Chair:** Kristine Yee, University of Colorado Anschutz Medical Campus Skaggs School of Pharmacy and

Pharmaceutical Sciences

- **Vice Chair:** Stormmy Boettcher, University of Arizona College of Pharmacy
- **Secretary:** Zachary Krauss, Cedarville University School of Pharmacy

Members-at-Large:

- Kayla Bartel, University of South Florida Health Taneja College of Pharmacy
- Amy Chan, Virginia Commonwealth University at the Medical College of Virginia Campus School of Pharmacy
- Madeline Droney, University of Missouri-Kansas City School of Pharmacy
- Larissa Ostfeld, University of Minnesota College of Pharmacy
- Jenessa Teta, University of Saint Joseph School of Pharmacy and Physician Assistant Studies
- Alex Wu, Northwestern University Chicago College of Pharmacy
- Ali Zahid, University at Buffalo The State University of New York School of Pharmacy and Pharmaceutical Sciences

ACCP Student Chapter Awards Announced

This award recognizes the ACCP student chapter that has best 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 each core value 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, Virginia Commonwealth University School of Pharmacy. VCU will receive an Outstanding Chapter plaque and a \$1000 award from ACCP, and will be recognized during the awards ceremony at the 2021 Virtual ACCP Member Meeting on Sunday, October 17, from 10:00 a.m. to 2:00 p.m.

ACCP Clinical Research Challenge – Winning Teams to Present Virtual Posters at ACCP Annual Meeting



Competition in the 2021 ACCP Clinical Research Challenge (CRC) began on 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. Teams in round 3 were tasked with developing a research proposal designed to demonstrate the

clinical pharmacists' value in an area of endocrinology. Teams were provided a specific research environment in which to formulate their proposals.

Proposals were reviewed by the CRC Review Panel, and submissions ranking in the top one-third were referred on for evaluation and selection of [awards](#) by the CRC Oversight Panel. Please join ACCP in congratulating the award winners.

2021 ACCP Clinical Research Challenge Award Winners

Championship Team: University of Minnesota College of Pharmacy

Proposal Title: Pharmacist Intervention in Oral Chemotherapy: Minimizing Toxicity with Telemonitoring and Patient-Reported Outcomes

Student Team Members: Loan Tran, Rachel Moniz, Minjong Kim

Faculty Liaison: Ann Philbrick, Pharm.D., BCPS, BCACP

Second-Place Team: University of Michigan College of Pharmacy

Proposal Title: Clinical Application of Telemedicine in Nighttime Activity Tracker-Based Pharmacist Support (CATNAPS)

Student Team Members: Allison Fields, Julianne Fava, Angela Chen

Faculty Liaison: Michael Dorsch, Pharm.D., M.S., BCCP

Third-Place Team: University of Toledo College of Pharmacy and Pharmaceutical Sciences

Proposal Title: SPLAT: Senior-Focused Pharmacist-Led Acute Telemedicine Clinic

Student Team Members: Alana Knapke, Holden Pelz, Jenna Len

Faculty Liaison: Julie Murphy, Pharm.D., FCCP, BCPS

Fourth-Place Team: University of Health Sciences and Pharmacy in St. Louis, St. Louis College of Pharmacy

Proposal Title: Video Telepharmacy and Device Technique in COPD Patients

Student Team Members: Gabrielle Hahn, Parker Lindsey, Emily Stock

Faculty Liaison: Sara Richter, Pharm.D., BCPS

The top three teams have been invited to present their research design during the Scientific Poster Sessions in the online poster hall October 19-20. Interactive sessions, with real-time, online question-and-answer sessions, will take place from 6:00 to 8:00 p.m. Central time.

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

ACCP and ASHP have expanded their established collaboration in board certification review and recertification in Ambulatory Care Pharmacy, Cardiology Pharmacy, Geriatric Pharmacy, Infectious Diseases Pharmacy, and Oncology Pharmacy to include an additional specialty recognized by the Board of Pharmacy Specialties (BPS): Solid Organ Transplantation Pharmacy. The 2021 ACCP/ASHP Solid Organ Transplantation Pharmacy Preparatory Review Course was released in July 2021. For more information on the review course, visit <https://www.accp.com/store/product.aspx?pc=SOTPC21G>.

Through the collaboration between ACCP and ASHP, ACCP members have access to the board review and recertification resources developed by both organizations in both live and home study formats at member prices. For more information on the educational resources available through the collaboration, visit <https://www.rxcertifications.org/>.

ACCP/ASHP Board Review and Recertification Courses Set for March 2022

Make plans now to attend the ACCP/ASHP Board Review and Recertification Courses in Ambulatory Care Pharmacy, Geriatric Pharmacy, and Oncology Pharmacy, to be presented live March 3–5, 2022, in Henderson, Nevada. These comprehensive 3-day courses, taught by leading experts, use a highly interactive and engaging case-based instructional approach to present the domains, tasks, and knowledge statements developed by BPS for the relevant specialty examination. The registration fee for each board review course includes the following:

- Online audio recordings of the live course
- Printed course slide decks
- Online access to the course workbook in electronic (PDF) format
- Automatic (free) registration to the 2022 Developing Effective Test-Taking Skills Webinar (to be presented in June 2022)
- The opportunity to earn continuing pharmacy education (CPE) credit for the course

Each course has been approved by BPS for credit toward recertification in the relevant specialty: Ambulatory Care Pharmacy (BCACP), Geriatric Pharmacy (BCGP), or Oncology Pharmacy (BCOP). The registration fee for the recertification version of the courses includes the following:

- Online audio recordings of the live course
- Printed course slide decks
- Online access to the course workbook in electronic (PDF) format

- The opportunity to earn continuing pharmacy education (CPE) credit for the course
- Access to the online recertification posttest

Registration for each course is scheduled to open in late fall 2021 at www.accp.com.

ACCP SELF-ASSESSMENT PROGRAMS TO RELEASE NEW SERIES

Volunteer leaders have completed initial design work on the 2022–2024 editions of ACCP’s popular Self-Assessment Programs. The schedule of releases in each of the six programs will be available in early November. The new series will be available for purchase later this year from the [ACCP Bookstore](#).

Each new 3-year SAP series consists of scheduled releases designed by new or returning series editors. Working with a faculty panel chair (guest editor), these editors help guide teams of authors and peer reviewers to ensure that each release provides the latest evidence-based content. Standing features such as Practice Points and Patient Care Scenarios help learners incorporate this new information into clinical practice.

ACCP’s Self-Assessment Programs have been approved by the Board of Pharmacy Specialties as professional development activities for recertification by continuing education. New and returning series editors for these six programs are as follows.

Ambulatory Care Self-Assessment Program (ACSAP)



Series Editor: Brian Irons, Pharm.D., BCPS, BC-ADM, Division Head (Lubbock); Professor, Professor, Jerry H. Hodge School of Pharmacy, Texas Tech University Health Sciences Center, Lubbock, Texas.



Series Editor: Ashley H. Meredith, Pharm.D., MPH, FCCP, BCACP, BCPS, CDCES, Clinical Associate Professor of Pharmacy Practice, Purdue University, West Lafayette, Indiana.

Cardiology Self-Assessment Program (CardSAP)



Series Editor: Cynthia A. Jackevicius, Pharm.D., M.Sc., FCCP, FCSHP, FAHA, FCCS, FACC, BCPS, BCCP, Professor, Pharmacy Practice, College of Pharmacy, Western University of Health Sciences; Clinical Pharmacy Specialist, Cardiology, VA Greater Los Angeles Healthcare System, Los Angeles, California.



Series Editor: J. Herbert Patterson, Pharm.D., FCCP, FHFS, John A. and Deborah S. McNeill, Jr. Distinguished Professor of Pharmacy; Research Professor of Medicine, Chair, Division of Pharmacotherapy and Experimental Therapeutics, UNC Eshelman School of Pharmacy, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

Critical Care Self-Assessment Program (CCSAP)



Series Editor: Alexander H. Flannery, Pharm.D., Ph.D., FCCM, BCCCP, BCPS, Assistant Professor, Department of Pharmacy Practice and Science, University of Kentucky College of Pharmacy, Lexington, Kentucky.



Series Editor: Lisa Hall Zimmerman, Pharm.D., FCCP, FCCM, BCPS, BCCCP, BCNSP, Clinical Pharmacist Specialist, Emergency Medicine, Department of Pharmaceutical Services, Beaumont Health, Royal Oak, Michigan; Adjunct Assistant Professor of Pharmacy Practice, Wayne State University, Eugene Applebaum College of Pharmacy and Health Sciences, Detroit, Michigan.

Infectious Diseases Self-Assessment Program (IDSAP)



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Pediatric Self-Assessment Program (PedSAP)



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Series Editor: Kirsten H. Ohler, Pharm.D., BCPS, BCPPS, Clinical Associate Professor, Pharmacy Practice; Program Director, PGY1 Pharmacy Residency; Clinical Pharmacist, NICU/Pediatrics, University of Illinois at Chicago College of Pharmacy, University of Illinois Hospital & Health Sciences System, Chicago, Illinois.

Pharmacotherapy Self-Assessment Program (PSAP)

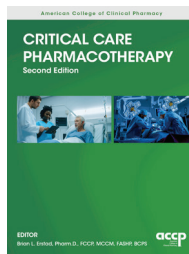


Series Editor: Cynthia A. Sanoski, Pharm.D., FCCP, BCPS, Department Chair, Associate Professor of Pharmacy Practice, Thomas Jefferson University, Philadelphia, Pennsylvania.



Series Editor: Daniel M. Witt, Pharm.D., FCCP, BCPS, Professor and Chair, Department of Pharmacotherapy, Assistant Dean of Clinical Affairs, University of Utah College of Pharmacy, Salt Lake City, Utah.

ACCP TO PUBLISH *CRITICAL CARE PHARMACOTHERAPY, SECOND EDITION*



The second edition of *Critical Care Pharmacotherapy* is scheduled for publication in early 2022. Edited by Brian L. Erstad, Pharm.D., MCCM, FCCP, FASHP, BCPS, and published by ACCP, the new edition updates the textbook's popular first edition. The new edition reflects the latest thinking and research in critical care, with a look toward the future.

In the preface to the new edition, Erstad writes:

Until recently, the shift in drug discovery and manufacturing from small molecules to biotechnology products has been less influential in critical care than in other practice areas such as oncology, where many new biotechnology approvals (e.g., monoclonal antibody or “mAb” products) continue to change practice. The demand for new COVID-19 therapies has accelerated research on biotechnology drugs for patients in the critical care setting, and novel drug products for other diseases and conditions are likely forthcoming.

First published in 2016, *Critical Care Pharmacotherapy* has now been updated to include new studies, guidelines, and technologies across the spectrum of critical care. Practitioners will find it an indispensable resource when caring for critical care patients.

The new textbook will be available in early 2022 in print and eBook formats from the [ACCP Bookstore](#).

PRN MEMBERSHIP TOTALS

| PRACTICE AND RESEARCH NETWORKS | TOTAL |
|--|---------------|
| Adult Medicine PRN | 837 |
| Ambulatory Care PRN | 1750 |
| Cardiology PRN | 1088 |
| Central Nervous System PRN | 180 |
| Clinical Administration PRN | 392 |
| Community-Based PRN | 10 |
| Critical Care PRN | 1898 |
| Drug Information PRN | 217 |
| Education and Training PRN | 531 |
| Emergency Medicine PRN | 897 |
| Endocrine and Metabolism PRN | 275 |
| Geriatrics PRN | 248 |
| GI/Liver/Nutrition PRN | 145 |
| Global Health PRN | 152 |
| Health Equity PRN | 99 |
| Health Outcomes PRN | 167 |
| Hematology/Oncology PRN | 604 |
| HIV PRN | 216 |
| Immunology/Transplantation PRN | 499 |
| Infectious Disease PRN | 1787 |
| Nephrology PRN | 155 |
| Pain and Palliative Care PRN | 218 |
| Pediatrics PRN | 721 |
| Perioperative Care PRN | 97 |
| Pharmaceutical Industry PRN | 199 |
| Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN | 286 |
| Pulmonary PRN | 86 |
| Women's Health PRN | 230 |
| TOTAL: | 13,984 |

PRN CHAIRS CONTACT INFORMATION

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

| PRACTICE AND RESEARCH NETWORKS | PRN CONTACT |
|--|--|
| Adult Medicine | Jon P. Wietholter |
| Ambulatory Care | Christie Schumacher |
| Cardiology | Andrew J. Smith |
| Central Nervous System | McKenzie Shenk |
| Clinical Administration | Richard J. Artymowicz |
| Community-Based | Margie E. Snyder |
| Critical Care | Leslie A. Hamilton |
| Drug Information | Jamie N. Brown |
| Education and Training | Meredith Howard |
| Emergency Medicine | Elise Metts |
| Endocrine and Metabolism | Nathan Painter |
| Geriatrics | Stephanie M. Crist |
| GI/Liver/Nutrition | Kelsey Rife |
| Global Health | Ellen Schellhase |
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| Immunology/Transplantation | Amanda Condon |
| Infectious Diseases | Brandon Dionne |
| Nephrology | Soo Min Jang |
| Pain and Palliative Care | Amanda Engle |
| Pediatrics | Titilola M. Afolabi |
| Perioperative Care | Laura Means Ebbitt |
| Pharmaceutical Industry | Marco Martino |
| Pharmacokinetics/Pharmacodynamics/Pharmacogenetics | D. Max Smith |
| Pulmonary | Jean Moon |
| Women's Health | Lauren Leader |