

ACCP Pulmonary PRN

Annual Newsletter 2020

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ACCP Pulmonary PRN
<https://twitter.com/ACCPpulmPRN>

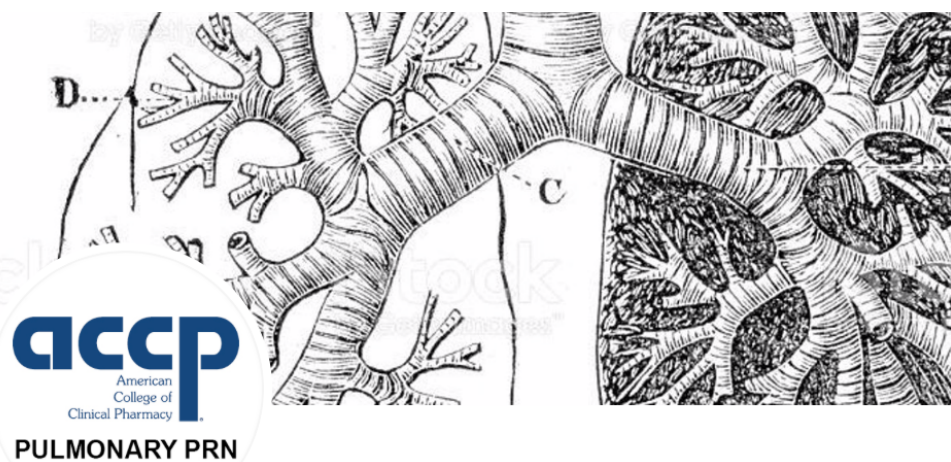
**On behalf of the Education,
Programming, and
Communications Committee**

Newsletter Editors:

Jean Moon, PharmD, BCACP

Zeynia Abdu, Student Pharmacist

Suado Esse, Student Pharmacist



Message from the Chair

Lori Ann Wilken, PharmD, BCACP, NCTTP, AE-C

It has been an honor to serve as the Pulmonary PRN Chair for the 2019-2020 term. It has been an amazing experience meeting and working with clinical pharmacists from around the country.

This year, despite all of the obstacles of a global pandemic and the world being shut-down, the members of this PRN suited up with personal protective equipment and took care of patients with COVID-19 while other members were helping test patients in the community for the virus.

Valuable observations and data about the coronavirus were published by some members. Others were part of protests around the country and the world to demonstrate the injustices minority citizens face every day. Pharmacies were

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More from the Chair

looted and closed. Members of our PRN helped patients find ways to fill their everyday medications. It is this dedication to patient care, research, and education, that makes me feel so proud to be a part of ACCP and the Pulmonary PRN.

This was the first year that the Pulmonary PRN committee members started working together to make significant

contributions to our profession. Our Workforce and Strategic Committee, chaired by Paul Boylan and Megan Fleischman, updated the ACCP Pulmonary PRN website, set up a twitter account for the PRN and generated our PRN reports for ACCP.

The Education, Programming, and Communication Committee, chaired by Jean Moon, developed our Pulmonary PRN focus session for the annual meeting. The session, “Breath of Fresh Air” includes timely topics of electronic cigarettes, measuring fractional exhaled nitric oxide and blood eosinophils, and using biologic agents for asthma and COPD.

Our Research Committee, led by Brittany Bissell, has started a multicenter trial examining the dosing of steroids in critically ill patients with COPD exacerbations. Seven PRN members and sites are contributing to the study. Other members of the Pulmonary PRN Research Committee have teamed up to write a review article on theophylline.

The momentum has started, and the Pulmonary PRN needs to keep progressing forward with big ideas and results. We need to keep working together across the country and the world to let our profession, other professions and the public know how important it is to have clinical pharmacists involved in the care of patients with pulmonary diseases. Our PRN needs to continue to provide quality education, research, and publications to share our expertise and to promote our profession. Our students and residents need the opportunity to participate in our PRN committees so they can learn from us and quickly step into clinical and leadership roles. Continuing quarterly virtual meetings for the entire PRN will allow all members to participate and have a voice.

I have no doubt that with the incoming leadership of Brittany Bissell as Chair, Jean Moon as Chair-Elect and Megan Fleischman as Secretary, and all of you, that the our momentum will continue even if the world stops again.

2019 - 2020 PRN Officers

Chair: Lori Ann Wilken, PharmD, BCACP, NCTTP, AE-C

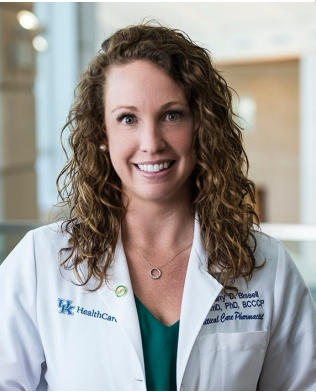
Chair-Elect: Brittany D. Bissell, PharmD, PhD, BCCCP

I'm an Assistant Professor at the University of Kentucky College of Medicine in the Division of Pulmonary, Critical Care, and Sleep Medicine and a Clinical Pharmacist for the Neurosciences-Pulmonary Critical Care Team at UK Healthcare. I attended Midwestern University in Glendale, Arizona for my pharmacy degree and graduated the University of Kentucky Clinical and Translational Sciences program for my PhD. I completed a PGY1 pharmacy resident at UF Health Jacksonville in Jacksonville, Florida and a PGY2 critical care pharmacy residency in Miami, Florida.

My favorite part about the pulmonary PRN has been working with such a diverse group. A lot of my committee and organizational work is really tied to critical care, so it's nice to form relationships with those within my discipline but from different settings. I also think one of the benefits of this group because it is still so new is the ability to get to know several members. Some other PRNs in ACCP and pharmacist groups within other organizations can become so large that it is really hard to get to know your members which hasn't been the case with the pulmonary PRN.

Secretary/Treasurer: Megan Fleischman, PharmD, BCACP

Currently works as pulmonary clinic pharmacist (ambulatory care) at Froedtert and the Medical College of Wisconsin. Dr. Fleischman graduated from the University of Wisconsin-Madison with her PharmD degree in 2010. After this she completed a PGY1 Residency at Monroe Clinic in Wisconsin and, subsequently, a PGY2 Residency specialized in Ambulatory Care pharmacy at the University of Pittsburgh Medical Center (UPMC). Upon completing her residency, she was employed at the University of Illinois College of Pharmacy as a Clinical Assistant Professor for four years and practiced in a family medicine clinic. Working with the people, the steering committee and subcommittee chairs (Lori Wilken, Brittany Bissell, Paul Boylan, Jean Moon) has been my favorite part of serving. They are so passionate about the PRN and positive can-do attitudes are infectious.



Committee Updates

Strategic and Workforce Committee

Chair: Paul M. Boylan

Members: Brittany Bissel, Megan Fleischman, Francesa Milavetz, Cody Moore, Andrea Sikora Newsome

The Strategic and Workforce Committee's primary charges during the 2019-2020 term were to develop and maintain the PRN's virtual presence. The PRN's webpage, accessible at <http://pulmprn.accp.com>, is now live. It is an excellent repository of information about the PRN's activities as well as provides an updated calendar of events, webinars, and meetings to engage our community. Brittany Bissell and Megan Fleishman have maintained the PRN's Twitter page, @ACCPpulmPRN. Phuong Duong is our new project lead and has been maintaining the Twitter page over the last several months. The Committee collected, reviewed, and submitted nominations for officers and fellows. Results will be announced soon! The Strategic and Workforce Committee continues to grow and welcomes new volunteers! If you are interested in participating, please reach out to Megan Fleishman or Paul Boylan for more information.

The Education, Programing, and Communications Committee

Chair: Jean Moon

Members: Paul Boylan, Melissa Santibanez, Linda Fitzgerald, Kristen Pogue, Mary Eche

The Education, Programing, and Communications Committee's charges over 2019-2020 were to survey the membership for an educational needs assessment, submit and finalize our PRN focus session programming for the 2020 annual meeting, create and maintain a list of our PRN focus sessions, and consider creating a newsletter. The membership survey was completed and results were shared at the annual business meeting in 2019. Our Pulmonary PRN Focus Session was accepted and will be offered virtually on Oct. 27th from 1:15-2:45pm CST, titled "Breath of Fresh Air: Updates in Pulmonary". This session will feature updates on vaping and e-cigarettes, applying FeNO and blood eosinophils, and updates on biologic therapies. We have excellent speakers lined up and know our PRN membership will enjoy this presentation. This newsletter is the start of what we hope will become an annual tradition for our PRN. We hope to find interested members to join our committee and build upon our work. Please reach out if you are interested.

PRN Student Spotlight



My name is Zeynia Abdu, a 3rd-year pharmacy student. My mother was born in Ethiopia. When I was a child, my mother was diagnosed with asthma. I remember coming home every day from school and taking a long walk with her through the quiet countryside to help her relax and get some air. I also needed to spend some nights with her, as symptoms got worse at night. She required medicine to relieve her shortness of breath and started taking an albuterol inhaler. Her physician started a daily “pink color tablet” as her primary medication and took the prednisolone nonstop for years.

As a pharmacy student, I feel sad because my mom did not know the side effects of long-term oral corticosteroids and I feel angry wondering how that happened when she had routine follow ups. Back in those days in Ethiopia, people could buy prescription medications without a prescription. Of course, things have changed now and medication usage is highly regulated.

One fateful day, my mom gave birth to my baby brother. He was born with a congenital malformation. As the physicians discussed what caused the congenital disability, they realized she had been taking the prednisolone throughout the pregnancy. No matter the exact cause, this situation started my desire to study pharmacy. This story underscores how medical literacy, patient education, proper follow up, and excellent provider-patient communication plays essential roles in optimal health maintenance. After my brother’s birth, my mom not only stopped the prednisolone, but hated every kind of modern medicine. Nowadays, her preferred choice of treatment is herbal medicine and she uses a mixture of garlic, ginger and honey when she has difficulty breathing. After this experience, I grew a passion for studying pharmacy to properly counsel and help my community.

PRN Member Accomplishments

Publications

- **Austin Szwak J.** Use of non-opioid agents for inpatient pain management of sickle cell disease. *Am J Health-Syst Pharm.* 2020;77(13):1007-1008.
- **Austin Szwak J,** Bondi DR, Knoebel R, Soni HP. Utility of a clinically-focused min interview during post-graduate year-1 pharmacy residency interviews. *J Am Coll Clin Pharm.* 2020;3(4):764-770.
- **Bridgeman MB, Wilken LA.** Essential Role of Pharmacists in Asthma Care and Management. *J Pharm Pract.* 2020;[E-pub ahead of print]
- **Boylan PM,** Murzello A, Parmar J, Chow NK. Integration of Latin American complementary and alternative medicine topics into a Doctor of Pharmacy curriculum and survey of student attitudes and behaviors. *J Med Educ Curric Dev.* 2020;7:1-4.
- **Boylan PM,** Sedlacek J, Santibañez M, et al. Development and implementation of interprofessional relations between a college of pharmacy and osteopathic residency programs in a community teaching hospital. *J Pharm Technol.* 2020;36(1):3-9.
- **Dingman JS, Smith ZR,** Coba VE, et al. Argatroban dosing requirements in extracorporeal life support and other critically ill populations. *Thromb Res.* 2020;189:69-76.
- **Eudaley S,** Foster A, Hammond D, **Austin J,** Swanson J. Characterization of clinical knowledge and problem-solving assessments employed in post-graduate year one (PGY1) pharmacy residency interviews. *Am J Health-Syst Pharm.* 77(10):797-804.
- **Fadel R,** Morrison AR, Vahia A, Smith ZR, et al. Early Short Course Corticosteroids in Hospitalized Patients with COVID-19. *Clin Infect Dis.* 2020 May 19 [E-pub ahead of print].
- **Haase KK,** Crannage EF, Orlando PL, Lee M, Martello JL, Stamm PL, Wargo KA, Kiser KL, **Fleischman ME,** Bellfi LT, Cottreau J. Pharmacy practice faculty and preceptor development. *J Am Coll Clin Pharm.* 2020;3:696-712.
- **Haghparsat P, Fisher D,** Lewing B, Sansgiry S. Factors Associated with Intention to Pursue Pharmacy Residency: The Undecided Student Issue. *J Health Prof Educ.* 2020;151(2):261-270
- **Martirosov AL, Smith ZR,** Hencken L, et al. Improving transitions of care for critically ill adult patients on pulmonary arterial hypertension medications. *Am J Health-Syst Pharm.* 2020;77(12):958-965.
- **Morrison AR,** Johnson JM, Griebel KM, Jones MC, Stine JJ, Hencken LN, To L, Bianchini BL, Vahia AT, Swiderek J, Ramesh MS, Peters MA, **Smith ZR.** Clinical characteristics and predictors of survival in adults with coronavirus disease 2019 receiving tocilizumab. *J Autoimmun.* 2020;[E-pub ahead of print].
- **Morrison AR,** Johnson JM, Ramesh M, Bradley P, Jennings J, **Smith ZR.** Letter to the Editor: Acute hypertriglyceridemia in patients with COVID-19 receiving tocilizumab. *J Med Virol.* 2020;[E-pub ahead of print].
- **Smith MN, Wilken LA.** Kicking the habit with combination therapy: updates in tobacco cessation treatment. *Pharmacy Times.* March 17, 2020. Available at: <https://www.pharmacytimes.com/news/kicking-the-habit-with-combination-therapy-updates-in-tobacco-cessation-treatment>
- **Stuart M, Smith ZR,** Payter K, et al. Pharmacist-Driven Discontinuation of Antipsychotics Started for ICU Delirium: A quasi-experimental study. *J Am Coll Clin Pharm.* 2020;[E-pub ahead of print]

PRN Member Accomplishments

Publications

- **Boylan PM, Santibañez M.** Case report of upper gastrointestinal bleeding in a male patient taking rivaroxaban and megestrol acetate. *Sr Care Pharm.* 2019;34:501-509.
- **Boylan PM, Sedlacek J, Santibañez M, Church AF, Lounsbury N, Nguyen J.** Development and implementation of interprofessional relations between a college of pharmacy and osteopathic residency programs in a community teaching hospital. *Pharm Technol.* 2020;36:3-9.
- **Malesker MA, Callahan-Lyon P, Madison JM, Ireland B, Irwin RS, CHEST Expert Cough Panel.** Chronic cough due to stable chronic bronchitis: CHEST Expert Panel Report. *Chest* 2020 [Epub ahead of print]
- **Santibañez M, Bunnell K, Harrington A, et al.** Association between pharmacokinetic/pharmacodynamic derived predictions of efficacy and clinical outcomes in obese and non-obese patients with Enterobacteriaceae bloodstream infections. *Open Forum Infect Dis.* 2019;6:ofz400.
- **Daniels C, Santibañez M.** Diversity Considerations in Selecting a Residency Program. In: Caballero J, Benavides S, and Clauson KA, eds. *Get the Residency: ASHP's Guide to Residency Interviews and Preparation.* 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists; 2019:85-96.
- **Martirosov AL, Smith ZR, Hencken L, et al.** Improving transitions of care for critically ill adult patients on pulmonary arterial hypertension medications. *AJHP* [in press].
- **Stuart M, Smith ZR, Payter K, et al.** Pharmacist-Driven Discontinuation of Antipsychotics Started for ICU Delirium: A quasi-experimental study. *J Am Coll Clin Pharm.* 2020. [in-press]
- **Dingman JS, Smith ZR, Coba VE, et al.** Argatroban dosing requirements in extracorporeal life support and other critically ill populations. *Thrombosis Research.* 2020. [In-press]
- **Lee C, Austin Szwak J, Bastow S, McCarthy S.** Impact of a nurse-driven diabetic ketoacidosis insulin infusion calculator on the rate of hypoglycemia. *Journal of Patient Safety* 2019. e-published ahead of print.

Grants

Jennifer Austin Szwak (PI: Valarie Press, MD, MPH), COPD Virtual Medication Reconciliation and Education Pilot: COPD V-M(ED) Pilot, Bucksbaum Institute National Pilot Grant, \$15,000

Jennifer Austin Szwak, PharmD, BCPS, University of Chicago Medicine, Outpatient Principles in Addiction Training and Education (OPIATE) Initiative, Association of American Medical Colleges Curricular Innovation Award, \$2500, Team Member

PRN Member Accomplishments

Promotions

- Brittany Bissell, Assistant Professor at the University of Kentucky College of Medicine Pulmonary, Critical Care, and Sleep; Assistant Residency Program Director University of Kentucky Healthcare PGY2 Critical Care Residency Program
- Paul Boylan, Assistant Professor at The University of Oklahoma Health Sciences Center College of Pharmacy (Oklahoma City, OK)
- Zach Smith, PGY2 Critical Care Residency Program Director at Henry Ford Hospital (Detroit, MI)

Awards

- Melissa Santibanez: Class of 2020 Professor Award, Larkin University College of Pharmacy (Miami, FL)
- Melissa Santibanez: Class of 2021 Professor of the Year Award, Larkin University College of Pharmacy (Miami, FL)
- Lori Wilken Jesse Stewart Service Award University of Illinois at Chicago College of Pharmacy
- Gershman J. What pharmacists need to know about COPD and transitions of care. Drug Topics. December 19, 2019. Featured interview of Boylan PM and Santibañez M. Available at: <https://www.drugtopics.com/view/what-pharmacists-need-know-about-copd-and-transitions-care>

Other Notable Achievements

- Damien Fisher: AACP Walmart Scholar Mentor/Mentee
- Jean Moon: Fellow in ACCP

See you at the Annual Meeting!

- Tuesday 10/27, 5 pm CDT: Pulmonary PRN Business Meeting and Networking Forum
- Thursday 10/29, Available: Pulmonary PRN Focus Session, Breath of Fresh Air: Updates in Pulmonary