

PRESIDENT'S COLUMN

Efficiently and Effectively Disseminating Your Research Results

In my column for the spring *PRN Report*, I briefly introduced implementation science (IS) and implementation research (IR). That short synopsis was meant to (1) clarify any muddy points regarding the rapidly developing field of IS and (2) encourage ACCP PRN members to consider applying key IS principles to their clinical pharmacy practices and, hopefully, explore opportunities to conduct valid and worthwhile IR on the important evidence-based practices, programs, and policies they are establishing or revising. Optimistically, ACCP's official journal, *Pharmacotherapy*, will soon receive publishable manuscript submissions that incorporate IS!

This column now focuses on a necessary companion to IR—dissemination science. *Dissemination* specifically refers to the “communication of research results to specific audiences (e.g., patients, care providers, hospital leadership, policy-makers) in order for these stakeholders to make more informed decisions that ultimately lead to improved patient outcomes.”¹ One of the chief contributors to the temporal gap between generating scientifically rigorous research findings and usable research findings is the lack of a strategic and effective dissemination plan (DP). A DP is an intentional and coordinated set of activities that aims to deliver key messages to targeted audiences and stakeholders. Indeed, detailed DPs are now a requisite component of virtually all funding opportunity announcements and requests for proposals/applications from federal and private foundation funding entities. Scientific review teams and study sections critically evaluate the DP and consider it an important part of the overall merit of a proposal/application.

An effective DP has several key components. Readers are encouraged to learn about each component on their own to better understand the concepts. The Agency for Healthcare Research and Quality has produced an excellent tool to assist researchers in developing their DP.²

Developing an Effective Dissemination Strategy

Merely choosing a single journal in which to publish research findings is a necessary but insufficient mechanism for disseminating information. Indeed, developing an effective dissemination strategy is crucial because it ensures a comprehensive and efficient overall approach to disseminating research findings. Such strategies address vital elements like dissemination goals, barriers to dissemination, audiences/stakeholders for the information, and available budgeted resources. Performing this crucial step will likely yield the most value for the time and effort spent.

Leveraging Partnerships, Collaborations, and Alliances

Very rarely does any single cadre of researchers have the ability to reach all target audiences on their own. Often, therefore, investigators must collaborate with other groups to reach all of their stakeholders by a variety of media. Examples can include professional organizations (including ACCP PRNs), patient and caregiver support groups, churches and religious organizations, and other health care clinicians. Creativity and comprehensiveness in determining key partnerships are critically important.

Determining the Key Messages

Researchers must translate all of their data into cogent information that yields just a few discrete key messages. These messages must be in a comprehensible language that is appropriate for varied audiences (e.g., patients, clinicians, administrators, and policy-makers). The media through which these messages are delivered are also important. Examples include traditional journals and presentation forums, print and television media, Internet blogs, and social media forums.

Evaluating the Effectiveness of the DP

Akin to the wisdom in determining the validity of a quality improvement step is always determining whether a given DP has indeed attained its intended goals during the process or after it is carried out. One should evaluate “intermediate” outcomes, such as the proportions of target audiences who received the key messages, as well as “terminal” outcomes, like the proportion of patients who successfully received the evidence-based practice, program, or policy.

In summary, implementation researchers must strategically develop a comprehensive and effective DP for their research findings so that the findings may optimally be adopted by end users, thus ensuring that end users’ health care interventions ultimately improve patients’ health. I strongly encourage all ACCP PRN members to devote as much of their attention and effort to the sciences of dissemination and implementation as they give to developing evidence-based practices.

References:

1. Agency for Healthcare Research and Quality (AHRQ), Carpenter D, Nieva V, et al. Development of a Planning Tool to Guide Research Dissemination, 2005. Available at www.ahrq.gov/sites/default/files/wysiwyg/professionals/quality-patient-safety/patient-safety-resources/resources/advances-in-patient-safety/vol4/Carpenter.pdf. Accessed September 20, 2016.
2. Brigham and Women’s Hospital. Biomedical Research Institute. Research Dissemination Best Practices Resource Document. From the Patient-Centered Comparative Effectiveness Research Center (PCERC). Available at www.brighamandwomens.org/Research/centers/PCERC/documents/PCERC%20Dissemination%20Best%20Practices%20Resource%20Document.pdf. Accessed September 20, 2016.

PRN ELECTION RESULTS

PRN Election Results Announced

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

2016–2017 PRN Officers

Adult Medicine: Kurt Wargo, Chair; Leigh Anne Hylton Gravatt, Chair-Elect; Andrew Miesner, Secretary/Treasurer

Ambulatory Care: Emily McCoy Armstrong, Chair; Kelly Cochran, Chair-Elect; Ann Philbrick, Treasurer; Gregory Castelli, Secretary

Cardiology: Rob DiDomenico, Chair; Craig Beavers, Chair-Elect; Karen J. McConnell, Secretary/Treasurer

Central Nervous System: William Klugh Kennedy, Chair; Jeannine M. Conway, Chair-Elect; Jack J. Chen, Secretary/Treasurer

Clinical Administration: Venita Papillion, Chair; Elizabeth Michalets, Chair-Elect; Tamara Malm, Secretary/Treasurer

Critical Care: Scott Bolesta, Chair; Drayton Hammond, Chair-Elect; David Leedahl, Secretary/Treasurer

Drug Information: Andrew Abe, Chair; Janine Douglas, Chair-Elect; Keri Anderson, Secretary/Treasurer

Education and Training: Andrew J. Smith, Chair; Eliza Dy-Boorman, Chair-Elect; Lindsay Saum, Secretary/Treasurer

Emergency Medicine: Megan Musselman, Chair; Nadia Awad, Chair-Elect; Meghan E. Groth, Secretary/Treasurer

Endocrine and Metabolism: Michelle Rager, Chair; Christie Schumacher, Chair-Elect; Rick Hess, Secretary/Treasurer

Geriatrics: Scott Martin Vouri, Chair; Emily P. Peron, Chair-Elect; Crystal Burkhardt, Secretary/Treasurer

GI/Liver/Nutrition: Michelle T. Martin, Chair; Johnathan Voss, Chair-Elect; Lauren M. Hynicka, Secretary/Treasurer

Global Health: Michelle Holm, Chair; Jodie Malhotra, Chair-Elect; Yardlee Kauffman, Secretary/Treasurer

Health Outcomes: Karen L. Smith, Chair; Margie E. Snyder, Chair-Elect; Diana Sobieraj, Secretary/Treasurer

Hematology/Oncology: Bojana Stevich-Heemer, Chair; Larry W. Buie, Chair-Elect; Marco Martino, Secretary/Treasurer

HIV: Kimberly Scarsi, Chair; Neha Pandit, Chair-Elect; Lori A. Gordon, Secretary/Treasurer

Immunology/Transplantation: Barrett Crowther, Chair; James N. Fleming, Chair-Elect; Carissa Garza, Secretary/Treasurer; John Lyons, Trainee Officer

Infectious Diseases: Kayla R. Stover, Chair; Elias Chahine, Chair-Elect; Whitney Jones, Secretary/Treasurer

Nephrology: Rebecca Maxson, Chair; Rachel Eyler, Chair-Elect

Pain and Palliative Care: Leah Sera, Chair; Jennifer Pruskowski, Chair-Elect; Stephanie Abel, Secretary/Treasurer

Pediatrics: Kalen B. Manasco, Chair; Rebecca Pettit, Chair-Elect; Jennifer Hamner, Secretary/Treasurer

Perioperative Care: Kara Birrer, Chair; Richard H. Parrish II, Chair-Elect; Marian Gaviola, Secretary; Amanda Giancarelli, Treasurer

Pharmaceutical Industry: Kay Uttech, Chair; Carmelina Staino, Chair-Elect; Garima Mishra, Secretary/Treasurer

Pharmacokinetics/Pharmacodynamics/

Pharmacogenomics: Gamal Hussein, Chair; Kelly E. Caudle, Chair-Elect; Jason H. Karnes, Secretary/Treasurer

Women's Health: Kathleen Vest, Chair; Rebecca Stone, Chair-Elect; Kylie N. Barnes, Secretary/Treasurer; Nicole Cieri, Public Policy Liaison

PRN PLANS MEMORIAL TO HONOR GLOBAL HEALTH PRN FOUNDER

The Global Health PRN leadership is working with ACCP to establish a memorial honoring the memory and professional contributions of Renee M. Holder, Pharm.D., BCPS, CPE. Holder launched and organized the effort to establish the PRN, which was founded in 2014. She stepped down as Global Health PRN chair in late August, shortly before her death on September 28, 2016.

Holder was an active ACCP member who joined the College as a student member. In addition to her service to the Global Health PRN, she served on the 2016 ACCP Clinical Pharmacy Challenge Item-Author Committee and the 2015–2016 ACCP Organizational Affairs Committee. She also has been a member of the Adult Medicine, Critical Care, Education and Training, Infectious Diseases, and Pain and Palliative Care PRNs.

The leaders of the Global Health PRN are exploring the establishment of a memorial fund to honor Holder. Further information about this initiative will be shared with Global Health PRN members as it becomes available later this year.

PRN FOCUS SESSIONS

PRNs to Present Educational Focus Sessions at the 2016 Annual Meeting

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

Monday, October 24, 2016

1:30 p.m. – 3:00 p.m. (EDT)

[Adult Medicine PRN Focus Session—An Update to the Management of Acute Bacterial Skin and Skin Structure Infections: What Is the Utility of the New Agents?](#)

[Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN and Hematology/Oncology PRN Focus Session—From Pharmacogenomic Evidence to Clinical Practice: Getting Personal in Oncology](#)

[Clinical Administration PRN—Integrating an Established Performance Improvement \(PI\) Method for Implementing Change](#)

[Education and Training PRN—Integrating Interprofessional Education into Practice](#)

[Global Health PRN Focus Session—Underserved Populations in Developed and Underdeveloped Countries: Global Lessons for Pharmacists to Improve Access to Care and Essential Medicines](#)

[Central Nervous System PRN and Women's Health PRN Focus Session—Special Topics in the Treatment of Depressive Disorders in Women of Reproductive Age](#)

3:15 p.m. – 4:45 p.m. (EDT)

[Ambulatory Care PRN Focus Session—Leveraging Ambulatory Care Metrics to Drive Comprehensive Medication Management \(CMM\) and Scholarly Research](#)

[Critical Care PRN Focus Session—We're Bringing Sepsis Back: Update in Policy and Practice Measures to Improve Sepsis Outcomes](#)

[Drug Information PRN Focus Session—Keeping Up with Drug Information Resources and Skills: The Effective Utilization of Innovative Drug Information Tools, and Strategies to Evaluate Meta-analyses and Systematic Reviews](#)

[Geriatrics PRN Focus Session—Shakin' Not Stirred: Movement Disorder Assessment and Management](#)

[HIV PRN Focus Session—HIV in Special Populations](#)

[Pain and Palliative Care PRN Focus Session—Recent Advances and Hot Topics in Palliative Medicine](#)

Tuesday, October 25, 2016
1:30 p.m. – 3:00 p.m. (EDT)

[Cardiology PRN Focus Session—A Tale of Too Many Targets: Hypertension Guidelines, Data, and Lore](#)

[GI/Liver/Nutrition PRN Focus Session—The Spectrum of Liver Disease: Insights into Fatty Liver and Medication Dosing in Advanced Liver Disease](#)

[Nephrology PRN Focus Session—New Agents and Their Implications for Patients with Chronic Kidney Disease](#)

[Perioperative Care PRN and Pain and Palliative Care PRN Focus Session—Clinical Pearls: Best Practices in Perioperative Multimodal Pain Management](#)

[Women's Health PRN Focus Session—Optimizing Care for Perimenopausal Women](#)

[Pediatrics PRN Focus Session—Best Practices for Pharmacokinetics and Pediatric Dosing Strategies](#)

3:15 p.m. – 4:45 p.m. (EDT)

[Infectious Diseases PRN Focus Session—Standards of Antimicrobial Stewardship](#)

[Emergency Medicine PRN Focus Session—Got Evidence? Do Ketamine, NOAC Reversal Agents, and Icatibant Do the Body Good?](#)

[Endocrine and Metabolism PRN Focus Session—Newer Agents for Diabetes: Are These the Answers We Have Been Waiting For?](#)

[Immunology/Transplantation PRN—Post-transplant Malignancy: Managing Our BIG Problem](#)

[Pharmaceutical Industry PRN and Health Outcomes PRN Focus Session—Cost-efficacy vs. Clinical Efficacy and the Impact on Clinical Choice](#)

PRN BUSINESS AND NETWORKING FORUMS

PRNs to Host Business Meetings and Networking Forums at 2016 Annual Meeting

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

Monday, October 24, 2016
6:00 p.m. – 9:00 p.m. (EDT)

- Adult Medicine PRN
- Cardiology PRN
- Critical Care PRN
- Drug Information PRN
- Education and Training PRN
- Emergency Medicine
- Endocrine and Metabolism PRN
- Geriatrics PRN
- Nephrology PRN
- Pain and Palliative Care PRN
- Pediatrics PRN
- Perioperative Care PRN
- Pharmaceutical Industry PRN

Tuesday, October 25, 2016
6:00 p.m. – 9:00 p.m. (EDT)

- Ambulatory Care PRN
- Central Nervous System PRN
- Clinical Administration PRN
- GI/Liver/Nutrition PRN
- Global Health PRN
- Health Outcomes PRN
- Hematology/Oncology PRN
- HIV PRN
- Infectious Diseases PRN
- Immunology/Transplantation PRN
- Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN
- Women's Health PRN

PRN NEWS BRIEFS

Adult Medicine PRN

Introduction

The ACCP Adult Medicine PRN is one of the largest and most diverse PRNs, encompassing pharmacists who practice in inpatient and outpatient settings, academia, and the pharmaceutical industry. The Adult Medicine PRN consists of practitioners, residents, and students who share an interest in shaping the practice of adult medicine through research and practice.

PRN members are looking forward to the 2016 ACCP Annual Meeting in Hollywood, Florida. We encourage everyone to attend the Adult Medicine PRN focus session on Monday, October 24, 1:30 – 3:00 p.m., titled “Update to the Management of Acute Bacterial Skin and Skin Structure Infections: What Is the Utility of the New Agents?” The PRN is expecting a great turnout for its Adult Medicine PRN business and networking meeting, also on Monday, October 24, 6:00 – 9:00 p.m. This is an excellent opportunity to learn more about the PRN’s activities over the past year, celebrate the PRN members’ accomplishments, and find out how you can become more involved in the PRN’s various committees.

Adult Medicine PRN members are very active within the PRN and ACCP, especially with working on one of its many PRN committees. Members appreciate all of its members’ hard work and accomplishments. The Archives Committee has been revising online content for its members. The Training/Travel and Nominations Committee has been reviewing applications and deciding on awards to be awarded at the 2016 ACCP Annual Meeting. The Newsletter Committee has been creating the biannual newsletter for PRN members. The Programming Committee has been developing content for the upcoming 2016 ACCP Annual Meeting. The newly created Research Committee has been developing a research project in conjunction with the ACCP Research Institute (RI). This is one of the first collaborations between the RI and a PRN; the committee is currently creating the electronic platform for this survey study. Members look forward to seeing the results from this research project and to future research partnerships with the ACCP RI.

Promotions

- **Sarah L. Anderson:** Associate Professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences
- **Leah Bentley Patel:** Senior Medical Science Liaison, Mallinckrodt Pharmaceuticals
- **Jane Bowen:** Associate Professor of Clinical Pharmacy, Department of Pharmacy Practice and

Pharmacy Administration, Philadelphia College of Pharmacy, University of the Sciences

- **Jaime Foushee:** Associate Professor of Pharmacy Practice at Presbyterian College School of Pharmacy
- **Lauren Hynicka:** From Assistant Professor to Associate Professor, University of Maryland School of Pharmacy
- **Rima A. Mohammad:** Clinical Associate Professor at the University of Michigan College of Pharmacy, Department of Clinical Pharmacy

Awards

- **Leah Bentley Patel:** 2016 Global Medical Affairs Cultural Hallmarks Award
- **Alexa Carlson:** 2016 Northeastern University School of Pharmacy Teaching Excellence Award
- **Leigh Anne Hylton Gravatt:** 2016 Virginia Commonwealth University (VCU) School of Pharmacy Teaching Excellence Award

Julie A. Murphy:

- 2016 Outstanding Professor of the Year, University of Toledo College of Pharmacy, Pharmaceutical Sciences
- 2016 Outstanding Academic Adviser Award, University of Toledo
- **Ifeanyi Onor:** 2016 American Association of Colleges of Pharmacy (AACP) Walmart Scholar Program Mentor, Xavier University of Louisiana College of Pharmacy
- **Mate Soric:** 2016 ACCP New Clinical Practitioner Award, Northeast Ohio Medical University and University Hospitals Geauga Medical Center
- **Jennifer Twilla:** Tennessee Society of Health-System Pharmacists – Pharmacist of the Year; Methodist Healthcare - University Hospital, Memphis, Tennessee
- **Casey S. Washington:** Outstanding Preceptor Award, Virginia Commonwealth University (VCU)

Grants

- **Sarah L. Anderson (Co-I), PI:** Joel C. Marrs. Study of the Usability and Navigability of a Clinical Pharmacist–Led Heart360 Web-Enabled Home Blood Pressure Monitoring Program Within a Large Safety Net Health System. University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences. Direct costs: \$10,250

Publications

- **Anderson SL**, Trujillo JM. Basal insulin use with GLP-1 agonists. *Diabetes Spectr* 2016. In press.
- Norman JL, **Anderson SL**. Novel class of medicines, orexin receptor antagonists, in the treatment of insomnia – critical appraisal of suvorexant. *Nat Sci Sleep* 2016;8:239-47.
- Rhyne DN, **Anderson SL**, Gedde M, Borgelt LM. The effect of medical marijuana on migraine headache frequency in an adult population. *Pharmacotherapy* 2016;36:505-10.
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- Isaacs AN, **Nisly SA**, Walton AM. Student-generated e-learning for clinical education. *Clin Teach* 2016;13:1-5.
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- **Owens RE**, Swanson H, Twilla JD. Hemolytic anemia induced by pegloticase infusion in a patient with G6PD deficiency. *J Clin Rheumatol* 2016;22:97-8.
- Self TH, **Owens RE**, Mancell J, Nahata MC. Asthma as a comorbidity in hospitalized patients: a potential missed opportunity to intervene. *Ann Pharmacother* 2016;50:511-3.
- Self TH, **Owens RE**, Sakaan SA, Wallace JL, Sands CW, Howard-Thompson A. Effect of diseases on response to vitamin K antagonists. *Curr Med Res Opin* 2016;32:613-20.
- **Patel KS**, Lau JE, Zembillas AS, et al. Single 4.5 mg fixed-dose of rasburicase for hyperuricemia associated with tumor lysis syndrome. *J Oncol Pharm Pract*. Prepublished April 15, 2016.
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- Van Berkel MA, **Twilla JD**, England BS. Emergency department management of a myasthenia gravis patient with community-acquired pneumonia: does initial antibiotic choice lead to cure or crisis? *J Emerg Med* 2016;50:281-5.

New ACCP Fellows

- **Rima A. Mohammad**
- **Sarah A. Nisly**
- **Kurt A. Wargo**

Other Notable Achievements

- **Beth H. Resman-Targoff**: Complex cases in joint and bone disease. Invited presentation at: American Pharmacists Association (APhA) Annual Meeting and Exposition; March 7, 2016; Baltimore, MD.

Ambulatory Care PRN

The PRN has been very busy working on charges for 2015–2016. Its membership continues to be among the three highest of PRNs within ACCP. The PRN has had several networking events at recent national meetings and hopes to expand on this success at ACCP Annual Meeting.

Promotions

- **Sarah L. Anderson**: Associate Professor, Skaggs School of Pharmacy and Pharmaceutical Sciences, Department of Clinical Pharmacy
- **Kelly Cochran**: Clinical Associate Professor, University of Missouri-Kansas City School of Pharmacy
- **Dave L. Dixon**: Associate Professor, Department of Pharmacotherapy & Outcomes Science, Virginia Commonwealth University (VCU) School of Pharmacy; Vice Chair of Clinical Services, Department of Pharmacotherapy & Outcomes Science, Virginia Commonwealth University (VCU) School of Pharmacy
- **Dana R. Fasanella**: Vice Chair of Education, Department of Pharmacy Practice and Administration

- **Tyler Gums**: Assistant Professor, Health Outcomes & Pharmacy Practice, University of Texas College of Pharmacy
- **Whitney Maxwell**: Clinical Associate Professor
- **Golden L. Peters**: Associate Professor, Department of Pharmacy Practice, St. Louis College of Pharmacy

Awards

- **Gregory Castelli**: West Virginia University Medicine Pharmacy Residency Teacher of the Year (2015–2016)
- **Kelly Cochran**: Recipient of 2016 University of Missouri-Kansas City Outstanding Organization Advisor Award
- **Charnicia E. Huggins**: Touro College of Pharmacy, Faculty Service Award (May 2016)

S. Mimi Mukherjee:

- MCPHS University Faculty Short-term Service Award, 2016
- MCPHS University School of Pharmacy-Worcester/Manchester Pharmacy Faculty Preceptor of the Year 2015–2016
- **Mate Soric**: 2016 ACCP New Clinical Practitioner Award
- **Robert Talbert**: Paul F. Parker Medal, October 2015

Grants

- **Sarah L. Anderson**: Study of the Usability and Navigability of a Clinical Pharmacist–Led Heart360 Web-Enabled Home Blood Pressure Monitoring Program Within a Large Safety Net Health System. (PI: Joel C. Marrs)
- **Kelly Cochran**: Central States Center for Agricultural Safety and Health-NIOSH Center, \$20,000: Evaluation of Medication-Related Agricultural Injury Among Missouri Farmers
- **S. Mimi Mukherjee**: MCPHS University Faculty Development Grant for Lesbian Gay Bisexual Transgender Inter-professional Education Initiative. Grant was written in collaboration with colleagues Carroll-Ann Goldsmith and Ann Lak. \$2900
- **Sweta Patel (PI)**: Walmart/Sam's Club National Prescription for Service Grant for Know Your Numbers App – \$10,000
- (Co-I): Mercer University College of Pharmacy Faculty Development Grant for Optimizing a Mobile-Application Approach to Improving Medication Adherence in Patients with Hypertension – \$5000

- (Co-PI): Walmart/Sam's Club Regional Prescription for Service Grant for "Know Your Numbers App" – \$2500

Publications

- Her QL, **Amato MG**, Seger DL, Beeler PE, Slight SP, Dalleur O, Dykes PC, Gilmore JF, Fanikos J, Fiskio JM, Bates DW. The frequency of inappropriate non-formulary medication alert overrides in the inpatient setting. *J Am Med Inform Assoc*. Online first March 21, 2016;0:1-11.
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- Sisson EM, **Dixon DL**, Kildow C, Van Tassell B, Carl D, Varghese D, Electricwala B, Carroll N. Pharmacist-physician team-based collaboration to improve long-term blood pressure control in an inner city safety-net clinic. *Pharmacotherapy* 2016;36:342-7.

- **Huggins C**, Choy M. Raising the standard: requiring a bachelor's degree for PharmD programs. *AJPE* 2016;80:Article 72.
- Hidayat L, **Huggins C**, Venugopalan V, Berrios-Colon E. Preparing students to enter the race for postgraduate training. *J Pharm Pract* 2016 May 18.
- Samson ME, Swann AA, Merchant AT, **Maxwell WD**, Zhang J, Bennett CL, Hebert JR. Cardiovascular disease incidence among females in South Carolina by type of oral contraceptives, 2000-2013: a retrospective cohort study. *Arch Gynecol Obstet* 2016.
- Rothstein BE, **McQuade B**, Greb JE, Goldminz AM, Gottlieb AB. Apremilast and secukinumab combined therapy in a patient with recalcitrant plaque psoriasis. *J Drugs Dermatol* 2016;15:648-9.
- Staino C, Pilch NW, **Patel S**, et al. Optimizing finite resources: pharmacist chart reviews in an outpatient kidney transplant clinic. *J Am Pharm Assoc* 2015;55:613-20.
- **Soric MM**, Glowczewski JE, Lerman RM. Implementing a layered learning model in a small community hospital: economic and patient satisfaction outcomes. *Am J Health Syst Pharm* 2016;73:456-62.
- **Soric MM**, Moorman JM, Boyle JA, Dengler-Crish CM. Prevalence and predictors of metformin prescribing in adults with type 2 diabetes mellitus: a national cross sectional study. *Pharmacotherapy* 2016;36:715-22.
- **Stone RH**, Bress AP, Nutescu EA, Shapiro NL. Upper extremity deep-vein thrombosis: a retrospective cohort evaluation of thrombotic risk factors at a university teaching hospital antithrombosis clinic. *Ann Pharmacother* 2016;50:637-44.
- Vouri SM, **Stranges PM**. The impact of resident research publication on early-career publication success. *Am J Health Syst Pharm* 2016;73:895-900.
- Khine H, **Yuet WC**, Adams-Huet B, Ahmad Z. Statin-associated muscle symptoms and SLCO1B1 rs414-056 genotype in patients with familial hypercholesterolemia. *Am Heart J* 2016;179:1-9.

New ACCP Fellows

- **Mary Amato**
- **Dave Dixon**

Other Notable Achievements

- Schiff, **Amato** et al.: Medication Errors paper: Cited first on list of BMJ Quality and Safety Top 10 Articles of 2015: <http://promotions.bmj.com/jnl/bmj-quality-safety-3/>

- **Dave L. Dixon**: Practice site (Center for Healthy Hearts) – Recognized as one of 10 Expert Practices in Comprehensive Medication Management by the Community Pharmacy Foundation
- **Charnicia Huggins**: Board Certified Ambulatory Care Pharmacist (BCACP)
- **Whitney Maxwell**: Master's degree in Business Administration (MBA)
- **Amanda Winans**: Certified Anticoagulation Care Provider (CACP)
- **Cheng Yuet**: Board Certified Ambulatory Care Pharmacist (BCACP)

Oral Presentations

- Tejada F, Gong T, **Fasanella D**, ElFadaly M. Randomized and non-randomized team assessments. Poster presented at: Evidence-Based Teaching & Learning Lilly International Conference.
- **Fasanella DR**. Diabetes update 2016. ACPE-accredited CE presentation at: Delaware Pharmacists Society Annual Convention.
- **Fasanella DR**. 2016 update on diabetes mellitus. ACPE-accredited CE presentation at: Maryland Pharmacists Association Annual Convention.
- **Fasanella DR**. You are the key to HPV cancer prevention. Maryland Board of Pharmacy-accredited CE program sponsored by the Centers for Disease Control and Prevention and the National AHEC Organization
- **Huggins C**, Berrios-Colon E, Senhaji-Tomza B, Clayton K, Anthony ME. Attitudes towards inter-professional education (IPE) among pharmacy and osteopathic medical students. American Association of Colleges of Pharmacy (AACCP) Annual Meeting; July 2016; Anaheim, CA.
- Berrios-Colon E, **Huggins C**. Ready, set, go: preparing students to enter the race for post-graduate training programs. ACCP Virtual Poster Symposium; May 2016.
- **Hutchison R**. Treating diabetes in under-served populations using an interprofessional team. 12th Annual Diabetes Conference; July 23, 2016; Corpus Christi, TX.
- **Patel S**, Shogbon A, Klein C, Ryan G. Utilization of standardized patients for developing student pharmacists' information gathering skills. 2016 American Association of Colleges of Pharmacy (AACCP) Annual Meeting; July 2016; Anaheim, CA.
- Engle AL, **Rudd KM**, **Winans ARM**. Clinical evidence in the use of direct acting oral anticoagulants for atrial fibrillation with valvular heart disease.

2016 3rd Annual Summit of the Thrombosis & Hemostasis Societies of North America; Chicago, IL.

- **Amanda Schartel A**, Pincus K, Melody K, Grover A. Team player preseason training: practical implementation strategies for interprofessional education in introductory pharmacy practice experiences. American Association of Colleges of Pharmacy (AACP) Annual Meeting; July 2016; Anaheim, CA.

Oral Abstract Presentations

- **Amato MG**, Dalleur O, Wong A, Fiskio JM, Seger DL, Beeler PE, Egualé T, Nanji KC, Dykes P, Silvers ER, Slight SP, Bates DW. Beers potentially inappropriate medications in the elderly contributing to hospital admissions: lack of prevention with computerized clinical decision support alerts. 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL. Abstract: J Gen Intern Med 2016;31(suppl 2):S135.
- Wong AR, **Amato MG**, Seger DL, Beeler PE, Dalleur O, Dykes PC, Egualé T, Fiskio JM, Silvers ER, Slight SP, Bates DW. Evaluation of medication-related clinical decision support overrides in the intensive care unit. 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL. Abstract: J Gen Intern Med 2016;31(suppl 2):S217.

Poster Presentations

- Klinger EV, Salazar A, Medoff J, **Amato M**, Dykes P, Haas JS, Bates DW, Schiff G. Patient-reported side effects using electronic pharmacovigilance in patients newly started on medications for hypertension, diabetes, insomnia or depression. J Gen Intern Med 2016;31(suppl 2):S329. Poster presented at: 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.
- Kron K, Nathan A, Karmiy S, Volk LA, **Amato M**, Neri PM, Salazar A, Seoane-Vazquez E, Wright A, Egualé T, McCord S, Rodriguez-Monguio R, Schiff G. Incorporating medication indication into CPOE ordering: views of physicians and pharmacists. J Gen Intern Med 2016;31(suppl 2):S274. Poster presented at: 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.
- Seger D, Silvers ER, Slight SP, **Amato MG**, Fiskio JM, Wong A, Beeler PE, Egualé T, Dykes PC, Bates DW. Reasons and appropriateness of overriding anaphylaxis drug allergy alerts. J Gen Intern Med 2016;31(suppl 2):S383. Poster presented at: 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.

- Silvers ER, Seger DL, Wong A, **Amato MG**, Slight SP, Beeler PE, Fiskio J, Egualé T, Dykes PC, Bates DW. Providers' comparison between clinical decision support of a homegrown electronic health record system and a vendor product. J Gen Intern Med 2016;31(suppl 2):S375. Poster presented at: 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.

Cardiology PRN

Introduction

The Cardiology PRN is pleased to report the following items in this biannual report:

Promotions

- **Alicia Abla**: Credentialed Clinician for the Oklahoma Heart Hospital
- **Craig Beavers**: Cardiovascular Clinical Pharmacy Coordinator at UK HealthCare
- **David Dixon**: Associate Professor, Department of Pharmacotherapy & Outcomes Science, Virginia Commonwealth University (VCU) School of Pharmacy Vice Chair of Clinical Services, Department of Pharmacotherapy and Outcomes Science, Virginia Commonwealth University (VCU) School of Pharmacy
- **Brie Dunn**: Clinical Associate Professor at South Carolina College of Pharmacy
- **Timothy Gladwell**: Associate Dean for Academic Affairs and Assessment at the University of Maryland Eastern Shore School of Pharmacy and Health Professions
- **Katie Greenlee**: Clinical Coordinator, Cardiology at Cleveland Clinic Heart and Vascular Institute
- **Evan Nix**: Pharmacy Clinical Supervisor at Bon Secours St Francis Hospital in Greenville, South Carolina
- **Joseph Rinka**: Associate Professor for Pharmacy Practice at Concordia University Wisconsin School of Pharmacy
- **Toni Ripley**: Professor with the University of Oklahoma College of Pharmacy

Fellowship in Other Organizations

The following individuals were selected as Fellows of the Heart Failure Society of America (FHFSAs) in 2016:

- **Sheryl Chow**
- **Tien Ng**
- **Robert Page**

- **Herb Patterson**
- **Jo Ellen Rogers**

The following individual was selected as a Fellow of the American Heart Association (FAHA) in 2016:

- **Nita Limdi**

Awards

- **Craig Beavers:** University of Kentucky's Rho Chi Alpha Xi Chapter Distinguished Alumni Award
- **Sheryl Chow:** Pharmacist Leadership Society (PLS) Faculty Award
- **James Coons:** 2016 Rho Chi Innovation in Teaching Award, University of Pittsburgh School of Pharmacy
- **Timothy Gladwell:** 2015–2016 SP-2 Faculty of the Year Award at the University of Maryland Eastern School of Pharmacy and Health Professions
- **Alex Kantorovich:** Chicago State University Faculty Preceptor of the Year 2016
- **Robert Talbert:** Paul F. Parker Medal, October 2015

New ACCP Fellows

- **David Dixon**

Grants

- **William Baker:** Co-I on an Intersocietal Accreditation Commission \$43,418.49 grant looking at the impact of ASNC information statement on radiation dose practice and patterns
- Co-I on a \$355,000 AHRQ HSA grant looking at the pharmacologic management of asthma

James Coons: Received the following grants:

- National Association of Chain Drug Stores Test2Learn®: Community Pharmacists Pharmacogenomics Education Certificate Program. Role: Co-I; 2016–2021; Pittsburgh Health Care Data Alliance Project: Center for Commercial Applications of Healthcare Data at Pitt, Early Stage Research Award "MEDivate": a patient-centered smartphone application that enables sharing of medication lists using QR code technology. Role: Co-I; 2015–2016

Mike Dorsch: Received the following grants as PI:

- A Patient-Centered Mobile Intervention to Promote Self-Management and Improve Patient Outcomes in Chronic Heart Failure. NIH/NIA R21 9/1/2016 – 8/31/2018. Role: PI (20%)

- A Geofencing-Based Adaptive Messaging System to Support Patient Self-Management of a Low Sodium Diet in Hypertension. AHRQ R21 5/1/2016 – 4/31/2018. Role: PI (20%)
- **Young Lee:** Texas Tech University Health Sciences Center School of Pharmacy Faculty Research Seed Grant
- **Nita Limdi:** NHLBI grant: Patient-Oriented Research in Personalized Antithrombotic Therapy

Publications

- **Ansara AJ, Kolanczyk DM, Koehler JM.** Nephilysin inhibition with sacubitril/valsartan in the treatment of heart failure: mortality bang for your buck. *J Clin Pharm Ther* 2016;41:119-27.
- Sadik ZG, **Atallah B**, Stapleton J, Bader F. Appropriateness of evidence-based therapy in patients referred to a specialized HF clinic in a developing country. *J Card Fail* 2016;22:S36.
- **Baker WL,* Coleman CI.** Vitamin C for prevention of post-cardiothoracic surgery atrial fibrillation: a meta-analysis. *Am J Health Syst Pharm.* In press.
- **Baker WL, Jennings DL.** Pre-cardiac transplant amiodarone use increases postoperative mortality: a meta-analysis. *Ann Pharmacother* 2016;50:514-5.
- **Baker WL, Johnson SG.** Pharmacogenetics and oral antithrombotic drugs. *Curr Opin Pharmacol* 2016;27:38-42.
- Kuyumian YM, Miyares MA, Leverock J, Chaparro S, **Baker WL, Jennings DL.** Assessing the impact of integrating a clinical pharmacist in the anticoagulation management of patients with left ventricular assist devices. *Int J Cardiol* 2016;218:118-9.
- White WB, **Baker WL.** Cardiovascular effects of incretin-based therapies. *Annu Rev Med* 2016;67:245-60.
- **Beavers CJ.** Acute coronary syndromes. *Geriatr Pharm Rev. Am Soc Consult Pharm.* In press.
- **Beavers CJ.** Ischemic heart disease in the elderly. *Geriatr Pharm Rev. Am Soc Consult Pharm.* In press.
- **Beavers CJ, Pandya KP.** Pharmacotherapy considerations for the management of advanced cardiac life support. *Nurs Clin North Am* 2016;51:69-82.
- Greiner L, Hurren K, **Brenner M.** Ranolazine and its effects on hemoglobin A1c. *Ann Pharmacother* 2016;50:410-6.
- **Buckley LF, Labonville SA, Barr JT.** A systematic review of beliefs about hypertension and its treatment among African Americans. *Curr Hypertens Rep* 2016;18:1-9.

- **Buckley LF**, Rybak IW, **Aldemerdash A**, **Cheng JWM**, **Fanikos J**. Direct oral anticoagulants in patients with atrial fibrillation and renal impairment, extremes in weight or advanced age. *Clin Cardiol* 2016. In press.
- **Buckley LF**, Seoane-Vazquez E, **Cheng JWM**, **Aldemerdash A**, Cooper I, Matta L, Medina DS, Mehra MR, Navarro-Velez K, Shea EL, Weintraub JR, Stevenson LW, Desai AS. Comparison of ambulatory, high-dose, intravenous diuretic therapy to standard hospitalization and diuretic therapy for treatment of acute decompensated heart failure. *Am J Cardiol*. 2016. In press.
- **Buckley LF**, Stevens CA, Deicicchi D, Barra M, **Aldemerdash A**, **Fanikos J**. Initial experience with direct oral anticoagulants in the perioperative setting. *Curr Emerg Hosp Med Rep* 2016;4:88-92.
- **Chow SL**, Hoeben B. Peripheral artery disease. In: Chisholm-Burns MA, Schwinghammer TL, Wells BG, Malone PM, Kolesar JM, DiPiro JT, eds. *Pharmacotherapy Principles & Practice*, 4th ed. New York: McGraw-Hill, 2016.
- Gandhi PU, **Chow SL**, Rector TS, Krum H, Gaggin HK, McMurray JJ, Zile MR, Komajda M, McKelvie RS, Carson PE, Januzzi JL Jr, Anand IS. Prognostic value of insulin-like growth factor-binding protein 7 in patients with heart failure and preserved ejection fraction. *J Card Fail* 2016. [Epub ahead of print]
- **Coons JC**, Miller T, Simon MA, Ishizawar DC, Mathier MA. Oral treprostinil for the treatment of pulmonary arterial hypertension in patients transitioned from parenteral or inhaled prostacyclins: case series and treatment protocol. *Pulm Circ* 2016;6(1).
- Adams SM, Anderson K, **Coons JC**, Smith RB, Meyer SM, Parker LS, Empey PE. Advancing pharmacogenomics education in the core PharmD curriculum through student personal genomic testing. *Am J Pharm Educ* 2016;80:Article 3.
- Hedges A, **Coons JC**, Saul M, Smith RE. Clinical effectiveness and safety outcomes associated with prothrombin complex concentrates. *J Thromb Thrombolysis* 2016;42:6-10.
- Van Tassell BW, Abouzaki N, Erdle CO, Carbone S, Trankle C, Melchior R, Turlington J, Thurber C, Christopher S, **Dixon D**, Fronk D, Thomas C, Rose S, Buckley L, Dinarello CA, Biondi-Zoccai G, Abbate A. Interleukin-1 blockade in acute decompensated heart failure: a randomized, double-blinded, placebo-controlled pilot study. *J Cardiovasc Pharmacol* 2016;67:544-51.
- **Dixon DL**, Dunn SP, *Kelly MS, *McLlarky TR, Brown RE. Effectiveness of pharmacist-led amiodarone monitoring services on improving adherence to amiodarone monitoring recommendations: a systematic review. *Pharmacotherapy* 2016;36:230-6.
- **Dixon DL**, Trankle CR, **Buckley LF**, Parod E, Carbone S, **Van Tassell BW**, Abbate A. A review of PCSK9 inhibition and its effects beyond LDL-receptors. *J Clin Lipidol* 2016. In press.
- Canada JM, Fronk DT, Freeman L, Carbone S, Erdle CO, Abouzaki NA, Mechior RD, Thomas CS, Christopher S, Turlington JS, Trankle CR, Thurber CJ, Evans RK, **Dixon DL**, Van Tassell BW, Arena R, Abbate A. Usefulness of C reactive protein plasma levels to predict exercise tolerance in patients with chronic systolic heart failure. *Am J Cardiol* 2016;117:116-20.
- Croy DS, **Dixon DL**, Kennedy L. Dyslipidemia & antipsychotic medications: who is monitoring the lipids? *Lipid Spin* 2016;14:7-9.
- Sisson EM, **Dixon DL**, Kildow C, Van Tassell B, Carl D, Varghese D, Electricwala B, Carroll N. Pharmacist-physician team-based collaboration to improve long-term blood pressure control in an inner city safety-net clinic. *Pharmacotherapy* 2016;36:342-7.
- **Foster JL**, Bobadilla RV. Ivabardine, a novel medication for treatment of heart failure with reduced ejection fraction. *J Am Assoc Nurse Pract* 2016 May 24. [Epub ahead of print]
- Sacha GL, **Greenlee KM**, Ketz JM. The use of anti-factor Xa monitoring in a selection of patients receiving enoxaparin at a large academic medical center. *J Thromb Thrombolysis* 2016 Jun 2. [Epub ahead of print]
- **Jennings DL**, Horn ET, Lyster H, Panos AL, Teuteberg JJ, Lehmkuhl HB, Perez A, Shullo MA. Assessing anticoagulation practice patterns in patients on durable mechanical circulatory support devices: an international survey. *ASAIO J* 2016;62:28-32.
- Doligalski CT, **Jennings DL**. Device-related thrombosis in continuous-flow left ventricular assist device support. *J Pharm Pract* 2016;29:58-66.
- Kuyumjian YM, Leverock J, Miyares MA, Bednar B, Chaparro S, Panos A, Baker WL, **Jennings DL**. A multidisciplinary team-based process improves anticoagulation quality in patients with continuous-flow left-ventricular assist devices. *Int J Cardiol* 2016;218:118-9.

- Topkara VK, Knotts RJ, **Jennings DL**, Garan AR, Levin AP, Breskin A, Castagna F, Cagliostro B, Yuzefpolskaya M, Takeda K, Takayama H, Uriel N, Mancini DM, Eisenberger A, Naka Y, Colombo PC, Jorde UP. Effect of CYP2C9 and VKORC1 gene variants on warfarin response in patients with continuous-flow left ventricular assist devices (CF-LVADs). *ASAIO J* 2016 Jun.
- **Kantorovich A**, Fink JM, Militello MA, Bauer SR, Soltész EG, Moazami N. Comparison of anticoagulation strategies after left ventricular assist device implantation. *ASAIO J* 2016;62:123-7.
- **Kolanczyk DM**, Doberstzyn RD. Challenges with insulin in the inpatient setting. *Diabetes Spect* 2016;29:146-52.
- **Lee YR**, Wilson E, Preston P. Dronedarone-induced pulmonary toxicity: a case report and literature review. *J Hosp Clin Pharm* 2016;2:70-5.
- Vega JA, **Lee YR**, McMahan D, Duong HQ. Monitoring enoxaparin with antifactor Xa levels in severe renal impairment. *J Pharma Care Health Syst* 2016;3:161.
- Gutierrez OM, Judd Se, Irvin MR, Zhi D, **Limdi N**, Palmer ND, Rich SS, Sale MM, Freedman BI. APOL1 nephropathy risk variants are associated with altered high-density lipoprotein profiles in African Americans. *Nephrol Dial Transplant* 2016;31:602-8.
- **Limdi NA**, Howard VJ, Higginbotham J, Parton J, Safford MM, Howard G. US mortality: influence of race, geography and cardiovascular risk among participants in the population-based REGARDS cohort. *J Racial Ethn Health Disparities* 2016:1-9. In press.
- Albright KC, Boehme AK, Tanner RM, Blackburn J, Howard G, Howard VJ, Safford M, Beasley TM, **Limdi N**. Addressing stroke risk factors in black and white Americans: findings from the National Health and Nutrition Examination Survey, 2009-2010. *Ethn Dis* 2016;26:9-16.
- Aronis KN, Thigpen JL, Tripodis Y, Dillon C, Forster K, Henault L, Quinn EK, Berger PB, **Limdi NA**, Hylek EM. Paroxysmal atrial fibrillation and the hazards of under-treatment. *Int J Cardiol* 2016;202:214-20.
- Ather S, Shendre AD, Beasley TM, Brown T, Hill CE, Prabhu SD, **Limdi NA**. Effect of left ventricular systolic dysfunction on warfarin dose. *Am J Cardiol* 2016;118:232-6.
- French B, Wang L, Gage BF, Horenstein MD, **Limdi NA**, Kimmel SE. A systematic analysis and comparison of warfarin dosing algorithms. *Pharmacogenet Pharmacogenom* 2016. In press.
- Hillegass WB, **Limdi NA**. Valvular heart disease and acquired type 2a von Willebrand syndrome: the “hemostatic” waring blender syndrome. *JAMA Cardiol* 2016;1:205.
- O’Neal WT, Judd SE, **Limdi NA**, McIntyre WF, Kleindorfer DO, Cushman M, Howard VJ, Howard G, Soliman EZ. Differential impact of risk factors in blacks and whites in the development of atrial fibrillation: the Reasons for Geographic and Racial Differences in Stroke Study. *J Racial Ethn Health Disparities* 2016. In press.
- Shendre A, Brown TM, Liu N, Hill CE, Beasley TM, Nickerson DA, **Limdi NA**. Race-specific influence of CYP4F2 on dose and risk of hemorrhage among warfarin users. *Pharmacotherapy* 2016;36:263-72.
- Tuteja S, **Limdi NA**. Pharmacogenetics in cardiovascular medicine. *Curr Genet Med Rep* 2016. In press.
- **Mathews SE, Beavers CJ, McNeely EB**. The national practice patterns of venous thromboembolism prophylaxis post-cardiothoracic surgery. *J Pharm Pract* 2016 Apr 24. [Epub ahead of print]
- **Page RL**, O’Byrant CL, Cheng D, Dow TJ, Ky B, Stein CM, Spencer AP, Trupp RJ, Lindenfeld J. Drugs that may cause of exacerbate heart failure: a scientific statement from the American Heart Association. *Circulation* 2016. <http://dx.doi.org/10.1161/CIR.0000000000000426>
- **Price CA**. Drug monographs. In: Abramovitz J, Schilling McCann JA. *Nursing 2016 Drug Handbook*, 36th ed. Philadelphia: Wolters Kluwer, 2016.
- **Tisdale JE**. Drug-induced QT interval prolongation and torsades de pointes – role of the pharmacist in risk assessment, prevention and management. *Can Pharm J* 2016;149:139-52.
- **Tisdale JE**. Drug-induced QT interval prolongation in children – are the kids alright? *Can J Hosp Pharm* 2016;69:183-4.
- **Tisdale JE**. Arrhythmias. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al., eds. *Pharmacotherapy Principles & Practice*, 4th ed. New York: McGraw-Hill, 2016:137-61.
- **Tisdale JE**. Acute management of arrhythmias. In: Erstad B, ed. *Critical Care Pharmacotherapy*. Lenexa, KS: American College of Clinical Pharmacy, 2016:1244-81.
- Beyer J, **Trujillo TC**, Babilonia K, Fisher S, Ko A, Lind S, Kiser T. Evaluation of a global anti-Xa

assay for measuring the anticoagulant effect of oral direct Xa inhibitors. Clin Appl Thromb Hemost 2016. <http://cat.sagepub.com/content/early/2016/02/02/1076029616629759?paperetoc>.

- Finks SW, **Trujillo TC**, Dobesh PP. Management of venous thromboembolism: recent advances in oral anticoagulation therapy. Ann Pharmacother 2016;50:486-501.
- Smythe M, Fanikos J, **Trujillo TC**. Urgent bleed management with direct oral anticoagulants. Am J Health Syst Pharm 2016;73(suppl 2):S27-48.
- **Van Tassel BW**, Abouzaki NA, Oddi Erdle C, Carbone S, Trankle CR, Melchior R, Turlington J, Thurber C, Christopher S, Dixon DL, Fronk D, Thomas C, Rose S, Buckley LF, Dinarello C, Biondi-Zoccai G, Abbate A. Interleukin-1 blockade in acute decompensated heart failure: a randomized, double-blinded, placebo-controlled pilot study. J Cardiovasc Pharmacol 2016;67:544-51.
- **Zemrak WR**, Kelley E, Kovacic NL, Mooney DM, Morris JG, MacVane CZ, Rosenblatt JA. Thrombotic complications following the administration of high-dose prothrombin complex concentrate for acute warfarin reversal. Am J Emerg Med 2016;34:1736.e1-3.
- Rollins AR, Smith KE, **Zemrak WR**. Implementation of a simplistic bivalirudin-warfarin transition protocol is associated with improved achievement of INR values within the therapeutic range. Ann Pharmacother 2016.

Poster/Abstract Presentations

- **Jennings DL**. A multidisciplinary team-based process improves anticoagulation quality in patients with continuous-flow left-ventricular assist devices. Oral presentation: International Society for Heart & Lung Transplantation (ISHLT) 36th Annual Meeting and Scientific Sessions; April 2016; Washington, DC. Abstract published: J Heart Lung Transplant 2016.
- **Jennings DL, Baker WL**. Pre-transplant amiodarone exposure increases mortality in cardiac transplant recipients: a meta-analysis. Poster: International Society for Heart & Lung Transplantation (ISHLT) 36th Annual Meeting and Scientific Sessions; April 2016; Washington, DC. Abstract published: J Heart Lung Transplant 2016.
- **Jennings DL**, Garan AR, Yuzefpolskaya M, Takeda K, Takayama H, Mancini DM, Naka Y, Colombo PC, Topkara VK. Genotype-guided warfarin dosing in continuous-flow left-ventricular assist device (CF-LVAD) patients. Mini oral presentation

at: International Society for Heart & Lung Transplantation (ISHLT) 36th Annual Meeting and Scientific Sessions; April 2016; Washington, DC. Abstract published: J Heart Lung Transplant 2016.

- Kuyumjian YM, Leverock J, Miyares MA, Bednar B, Chaparro S, Panos A, Baker WL, **Kolanczyk DM**, Mancuso T, **Arif SA**. Evaluating the jigsaw method to teach valvular heart disease concepts in an advanced cardiology elective. Presented at: American Association of Colleges of Pharmacy (AACP) Annual Meeting; July 2016; Anaheim, CA.
- Yodice J, **Price C**, Hernandez J. Comparison and evaluation of higher versus lower heparin weight based dosing protocol for the treatment of deep vein thrombosis and pulmonary embolism. Presented at: 2016 American Society of Health-System Pharmacists (ASHP) Midyear Meeting.

Paper Presentations

Beavers CJ:

- Presented the following papers at the American College of Cardiology (ACC) Annual Scientific Sessions; April 2016:
- Controversies in ACS literature
- Interventional pharmacology
- PCSK9 inhibitors: the nuts and bolts: pharmacology, indications, drug-drug interaction, dosing logistics

Other Notable Achievements

- **Alicia Abl**: Board Certified Pharmacotherapy Specialist (BCPS); Creator and Lead Clinician at Oklahoma Heart Hospital Diabetes Clinic
- **Craig Beavers**: Adjunct Assistant Professor in Pharmacy Practice and Science for the University of Kentucky College of Pharmacy
- **David Dixon**: Practice site (Center for Healthy Hearts) was recognized as one of 10 Expert Practices in Comprehensive Medication Management by the Community Pharmacy Foundation
- **Katie Greenlee**: Residency Director for new PGY2 Cardiology Residency
- **Ian Hollis**: 2016 Claude Paoloni Health System Preceptor of the Year Award from the UNC Eshelman School of Pharmacy
- **Alex Kantorovich**: Service Recognition for Contributions to the Advocate Christ Medical Center Internal Medicine Residency Program

- **Nita Limdi:** 2016–2017 Executive Leadership in Academic Medicine (ELAM) Fellow
- **Toby Trujillo:** Elected to the ACCP Board of Regents-Term 2016–2019

Central Nervous System (CNS) PRN

Introduction

CNS PRN members have been very active over the past 6 months, publishing scholarly work, receiving local and national awards, and completing advanced research education. Below is a summary of some of the highlights of this productivity:

Publications

- Goto M, O'Shea AM, Livorsi DJ, McDanel JS, Jones MM, Richardson KK, Beck BF, **Alexander B**, Evans ME, Roselle GA, Kralovic SM, Perencevich EN. The effect of a nationwide infection control program expansion on hospital-onset gram-negative rod bacteremia in 130 Veterans Health Administration medical centers: an interrupted time-series analysis. *Clin Infect Dis* 2016;63:642-50.
- Moeckli J, Stewart KR, Ono S, **Alexander B**, Goss T, Maier M, Tien PC, Howren MB, Ohi ME. Mixed-methods study of uptake of the Extension for Community Health Outcomes (ECHO) telemedicine model for rural veterans with HIV. *J Rural Health* 2016 Aug 24.
- Turvey CL, Klein DM, Witry M, Klutts JS, Hill EL, **Alexander B**, Nazi KM. Patient education for consumer-mediated HIE. A pilot randomized controlled trial of the Department of Veterans Affairs Blue Button. *Appl Clin Inform* 2016;7:765-76.
- Habibi M, Hart F, **Bainbridge J**. The impact of psychoactive drugs on seizures and antiepileptic drugs. *Curr Neurol Neurosci Rep* 2016;16:71.
- Hart FM, **Bainbridge J**. Current and emerging treatment of multiple sclerosis. *Am J Manag Care* 2016;22(6 suppl):s159-70.
- Vossler DG, Anderson GD, Bainbridge J. AES position statement on generic substitution of antiepileptic drugs. *Epilepsy Curr* 2016;16:209-11.
- Huang E, Zai CC, Lisoway A, Maciukiewicz M, Felsky D, Tiwari AK, **Bishop JR**, Ikeda M, Molero P, Ortuno F, Porcelli S, Samochowicz J, Mierzejewski P, Gao S, Crespo-Facorro B, Pelayo-Terán JM, Kaur H, Kukreti R, Meltzer HY, Lieberman JA, Potkin SG, Müller DJ, Kennedy JL. Catechol-O-methyltransferase Val158Met polymorphism and clinical response to antipsychotic treatment in schizophrenia and

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- Hunter CS, **Phan SV.** Warfarin and phenytoin drug interaction with possible purple glove syndrome. *J Pharmacol Pharmacother* 2016;7:96-8.
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Grants

- **Jack J. Chen:** \$57,187 for Droxidopa for the Management of Neurogenic Orthostatic Hypotension: Systematic Literature Review and Traditional and Mixed Treatment Comparison Meta-analyses

New ACCP Fellows

- **Jeffrey R. Bishop**
- **Joshua Caballero**
- **Marshall E. Cates**
- **Ronald C. Reed**

Other Member Accomplishments

- **Michele A. Faulkner** recently completed a collaboration with the biopharmaceutical company UCB, which resulted the creation of a medical platform for patients and caregivers with epilepsy. Together

with other epilepsy experts from around the country, Faulkner helped develop the section that provides real-world patient cases to help clinicians make decisions and appropriately use antiepileptic therapy. She was the only non-physician invited to take part in the project. The website is at www.ucbmedical.com. Registration is free.

Clinical Administration PRN

Introduction

The Clinical Administration PRN will provide an educational focus session on Monday afternoon, October 24, at the 2016 Annual Meeting focused on integrating an established performance improvement method for accelerating change in health care systems using examples such as performing medication reconciliation, granting clinical dosing authorities to pharmacists, and engaging patients in postdischarge comprehensive medication reviews. The PRN's membership has grown to over 500 members since beginning in 2001. Its vision is to serve the needs of directors, clinical managers, and practitioners from inpatient and outpatient practice sites, including IT and academia. This growth in membership reflects the increasing interest in leadership within health systems and health care organizations.

The PRN has active student and resident members who host numerous educational webinars throughout the year on leadership and management topics of interest, especially appealing to those interested in health-system administration. Travel scholarships to the Annual Meeting are awarded to students and residents who are PRN members and who present their research projects at the PRN's business meeting.

The PRN published an online newsletter with more details in early September 2016.

Promotions

- **Cindy Brasher:** Finished PGY2 residency in health-systems administration and accepted a position as Pharmacy Operations Manager at Mission Hospital, Asheville, North Carolina
- **Eric Harvey:** Director for System-wide Clinical Pharmacy for Swedish Health Services. In this role, he is responsible for all non-distributive pharmacy services provided within the five-hospital, 170-primary/specialty care clinics system in the Seattle metropolitan region. Before this promotion, he was the Pharmacy Quality Manager at Seattle Children's Hospital for 11½ years.
- **Venita Papillion:** Senior Director, Acute Care Pharmacy Services, Academic Medical and Western Arizona, at Banner Health in Phoenix, Arizona

Awards

- **Angela Smith:** Governor's Award for Excellence in North Carolina. This is the highest honor a state employee can receive. Of 116 nominations statewide, only 16 people were selected to receive this prestigious award.

Publications

- Poveromo L, **Michalets E**, Sutherland D. Midodrine for the weaning of vasopressor infusions. *J Clin Pharm Ther* 2016;41:260-5.
- Rafferty A, Denslow S, **Michalets EL**. Pharmacist-provided medication management in interdisciplinary transitions in a community hospital (PMIT). *Ann Pharmacother* 2016;50:649-55.

New ACCP Fellows

- **Harminder Sikand**

Other

- **Harminder Sikand:** Nominated to the American Society of Health-System Pharmacists (ASHP) Commission on Credentialing

Critical Care PRN

Introduction

The Critical Care PRN Recognition Committee has been completing its charges for the year. Several members from the Critical Care PRN were nominated for ACCP offices and awards. The Critical Care PRN honors its members by presenting its own awards every year. Nominations are currently closed for these awards, and winners will be announced in October at the 2016 ACCP Annual Meeting. If you are interested in joining the Recognition Committee, please e-mail Nick Peters (npeters.butler@gmail.com).

Promotions

- **Peters N:** University of Maryland Clinical Assistant Professor

Awards

- **Karen Berger:** New York State Council of Health-System Pharmacists New Practitioner of the Year Award

Drayton A. Hammond:

- Southern Pharmacy Administration Conference Best Poster Award 2016
- ACCP Arkansas Chapter 2016 New Educator Award
- **Mojdeh Heavner:** Connecticut Society of Health-System Pharmacists Pharmacist of the Year

- **Andrea Sikora Newsome:** GSHP Outstanding Young Practitioner Award
- **Maggie Thompson DeVier:** 2015–2016 University of Tennessee COP Middle Tennessee Preceptor of the Year

Grants

- **Attridge R:** Effect of Two Informed Consent Methods on Self-Efficacy in Acute Care Research. UIW Feik School of Pharmacy Intramural Research Stimulus Fund – \$8065. (PI: Kalich BA; AI: **Attridge RL**, Guinn TD).
- Wright EA, Steinhubl S, **Bolesta S**, VanLoan RP, Sees AC: ACS Advocate. Submitted April 2016; AstraZeneca. Amount requested: \$608,372 in direct costs. Submitted. Funding period: 10/01/2016 – 11/30/2017. Receiving agency/agent: Geisinger Health System. Funded

Publications

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- Hodge EK, Hughes DW, **Attridge RL**. Effect of body weight on hemodynamic response in patients receiving fixed-dose vasopressin for septic shock. *Ann Pharmacother* 2016 Jun 23. [Epub ahead of print]
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- Anderson RL, **Birrer KL**, Liu-DeRyke X. Haloperidol use in patients with acute traumatic brain injury: a safety analysis. *J Intensive Crit Care* 2016;2:2. <http://criticalcare.imedpub.com/haloperidol-use-in-acute-traumatic-brain-injury-a-safety-analysis.pdf>.
- Rezaei Y, Samiei N, Hosseini S, **Bolesta S**, Kong F. Do statins attenuate postoperative atrial fibrillation in isolated heart valve surgery? *Pharmacotherapy* 2016;36:e16-7.
- Buckley MS, Reeves BA, Barletta JF, Bikin DS. Correlation of free and total phenytoin serum concentrations in critically ill patients. *Ann Pharmacother* 2016;50:276-81.

- Barletta JF, Bruno JJ, **Buckley MS**, Cook DJ. Stress ulcer prophylaxis. *Crit Care Med* 2016;44:1395-405.
- Kane-Gill SL, **Buckley MS**. Medication safety and active surveillance. In: *Critical Care Pharmacotherapy*. Lenexa, KS: American College of Clinical Pharmacy, 2016.
- Rivosecchi RM, Kellum JA, Dasta JF, Armahizer MJ, Bolesta S, **Buckley MS**, Dzierba AL, Frazee EN, Johnson HJ, Kim C, Murugan R, Smithburger PL, Wong A, Kane-Gill SL. Drug class combination-associated acute kidney injury: a review of the literature. *Ann Pharmacother* 2016. [Epub ahead of print]
- **Foster J**. Ivabradine, a novel medication for treatment of heart failure with reduced ejection fraction. *J Am Assoc Nurse Pract* 2016 May 24. [Epub ahead of print]
- **Groth CM**, Acquisto NM. Pharmacists as members of the rapid response team. *J Pharm Pract* 2016;29:116-20. (Published online 2014).
- **Groth CM**, Dodds-Ashley ES. Infection critical care I: fungal infections in the ICU. *CCSAP* 2016.
- **Hammond DA**, Garner SS, Linder MA, Cousins WB, Bookstaver PB. Mentor involvement with pharmacy students pursuing post-graduate residency training. *Curr Pharm Teach Learn* 2016;8:18-23.
- **Hammond DA**, Smith MN, Meena N. Considerations on midodrine use in resolving septic shock. *Chest* 2016;149:1582-3.
- **Hammond DA**, Smith MN, Painter JT, Meena N, Lusardi K. Comparative incidence of acute kidney injury in critically ill patients receiving vancomycin with piperacillin-tazobactam or cefepime: a retrospective cohort study. *Pharmacotherapy* 2016;36:463-71.
- Brotherton AL, Hamilton EP, Kloss HG, **Hammond DA**. Propofol for treatment of refractory alcohol withdrawal syndrome: a review of the literature. *Pharmacotherapy* 2016;36:433-42.
- **Johnson PN**, Miller JL, Hagemann TM, Moffett BS. Assessment of inpatient admissions and top 25 medications for obese pediatric patients at two academic hospitals. *Am J Health Syst Pharm* 2016;73:1230-42.
- **Johnson PN**, Miller JL, Ranallo C. Dosing of vasopressin in critically ill children: implications for medication safety. *Pediatr Crit Care Med* 2016;17:277-8.
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- Capino AC, Miller JL, Hughes KM, Miller MJ, **Johnson PN**. Caregiver perception, self-efficacy, and knowledge of methadone tapers for children with iatrogenic opioid abstinence syndrome. *J Pharm Technol* 2016;32:104-15.
- Golding CL, Miller JL, Gessouroun MR, **Johnson PN**. Ketamine continuous infusions in critically ill children. *Ann Pharmacother* 2016;50:234-41.
- Ibach BW, Henry ED, **Johnson PN**. Acute kidney injury in a child receiving vancomycin and piperacillin-tazobactam. *J Pediatr Pharmacol Ther* 2016;21:169-75.
- Ibach BW, **Johnson PN**, Ernst KD, Harrison D, Miller JL. Initial dosing and taper complexity of methadone and morphine for treatment of neonatal abstinence syndrome. *J Pharm Technol* 2016;1-6.
- Ibach BW, Miller JL, Woo S, Harrison D, Standifer K, Hagemann TM, **Johnson PN**. Characterization of tolerance in children during fentanyl continuous infusions. *J Pediatr Intensive Care* 2016;1-8.
- Liedtke MD, Tomlin CR, Skrepnek GH, Farmer KC, **Johnson PN**, Rathbun RC. HIV pharmacist's impact on inpatient antiviral errors. *HIV Med* 2016;1-7.
- **Shoulders BR**, Crow JR, Davis S, Lester L, Barodka V, Whitman G, Dzintars K. Impact of intraoperative continuous vs. intermittent cefazolin therapy on the incidence of surgical site infections after coronary artery bypass grafting. *Pharmacotherapy* 2016;36:166-73.
- **Siemianowski L**. Infective endocarditis. *PSAP Chapter*. Book 1 2016. Cardiology.
- **Smithburger PL**, Buckley MS, Sokol S, Culver MA, Lat I, Handler SM, Kirisci L, Kane-Gill SL. A multi-center evaluation of off label medication use and adverse drug reactions in adult medical intensive care units. *Crit Care Med* 2015;43:1612-21.
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- Farina NM,* **Smithburger PL**, Kane-Gill SL. Screening and management of delirium in critically ill patients. *Hosp Pharm* 2015;50:667-71.
- Kane-Gill SL, MacLasco AM, Saul ML, Politz Smith TR, Kloet MA, Kim, C, Anthes A, **Smithburger PL**, Seybert AL. Use of text searching for trigger

words in medical records to identify adverse drug reactions within an intensive care unit discharge summary. *Appl Clin Inform* 2016;7:660-71.

- Liput SA,* Kane-Gill SL, Seybert AL, **Smithburger PL**. A review of the perceptions of healthcare providers and family members toward family involvement in active patient care in the ICU. *Crit Care Med* 2016 Mar 8. [Epub ahead of print]
- Rivosecchi RM,* Kellum JA, Dasta JF, Armahizer MA, Bolesta S, Buckley MS, Dzierba A, Frazee E, Johnson H, Kim C, Murugan R, **Smithburger PL**, Wong A, Kane-Gill SL. Drug class combination-associated with acute kidney injury: a review of the literature. *Ann Pharmacother* 2016. [Epub ahead of print]
- Wong A, **Smithburger PL**, Kane-Gill SL. Review of adjunctive dexmedetomidine in the management of acute alcohol withdrawal syndrome. *Am J Drug Alcohol Abuse* 2015;41:382-91.

New ACCP Fellows

- **Pete Johnson**

Other Notable Achievements

Karen Berger:

- Board Certified Critical Care Pharmacist (BCCCP)
- New York City Chapter of Health-System Pharmacists President-Elect
- **Kara Birrer:** Chair-Elect of Perioperative Care PRN
- **Mitchell Buckley:** Board Certified Critical Care Pharmacist (BCCCP)

Christine Groth:

- Groth CM, Acquisto NM, Khadem T. Current practices and safety of medication use during rapid sequence intubation (RSI). Poster/platform presented at: Society of Critical Care Medicine (SCCM) 2016 Annual Congress; February 2016; Orlando, FL.
- Slocum GW, Groth CM, Fosmire-Rundgren A, Patel J, Pietropaoli A. ACCP Virtual Poster Session, Poster 110. May 2016.

Drayton Hammond:

- Secretary/Treasurer, ACCP Critical Care PRN
- President, Arkansas Chapter of ACCP
- Charge leader, Society of Critical Care Medicine (SCCM) CPP Section, Education Committee, Journal Club Charge
- Charge leader, SCCM CPP Section, Membership Committee, Mentor-Mentee Program Charge

- Critical Care Pharmacy Residency Coordinator
- **Pete Johnson:** Board Certified Pediatric Pharmacy Specialist (BCPPS)
- **Desiree Kosmisky:** Board Certified Critical Care Pharmacist (BCCCP)

Shinichi Masuda:

- Board Certified Pharmacotherapy Specialist (BCPS)
- ACCP 2017 Annual Program Committee Member
- Society of Critical Care Medicine (SCCM) Awards Committee Member

Nick Peters:

- Board Certified Critical Care Pharmacist (BCCCP)
- At-large Member, Society of Critical Care Medicine (SCCM) In-training Section

• **Andrea Sikora Newsome:**

- Board Certified Critical Care Pharmacist (BCCCP)
- SCCM SE Chapter Communications Committee Chair

• **Pamela Smithburger:**

- University of Pittsburgh School of Pharmacy Curriculum Committee Chair
- Clinical Lead for the Health System ICU Delirium Initiative
- **Jodi Taylor:** President-Elect, Tennessee Society of Health-System Pharmacists
- **Maggie Thomson DeVier:** Saint Thomas Midtown Hospital PGY1 Pharmacy Practice Residency Coordinator (new program)

Antonia Vilella:

- Board Certified Critical Care Pharmacist (BCCCP)
- Chair, Critical Care Student/Resident/Fellow Subcommittee

Krista Wahby:

- Board Certified Critical Care Pharmacist (BCCCP)
- Director of PGY2 Critical Care Pharmacy Residency at Harper University Hospital in Detroit, Michigan
- **Natalie Winings:** Board Certified Critical Care Pharmacist (BCCCP)

Drug Information PRN

Awards

- **Sherrill Brown:** Kappa Epsilon Career Achievement Award 2015

Publications

- Mantovani EH, Naples JG, Rothrock-Christian T, **Brown JN.** Assessment of postgraduate year two pharmacy residency programs within the Veterans Affairs healthcare system. 2015 American Society of Health-System Pharmacists (ASHP) National Residency Preceptors Conference; Washington, DC.
- Naples JG, Mantovani EH, Rothrock-Christian T, **Brown JN.** Assessment of postgraduate year two pharmacy residency programs within the Veterans Affairs healthcare system. *J Pharm Pract* 2016 Jan 21. [Epub ahead of print]
- Wolff ML, Cruz JL, Vanderman AJ, **Brown JN.** The effect of angiotensin II receptor antagonists on hyperuricemia. *Ther Adv Chronic Dis* 2015;6:339-46.
- Zullig LL, Sanders LL, Thomas S, **Brown JN,** Danus S, McCant F, Bosworth HB. Health beliefs and desire to improve cholesterol levels among patients with hyperlipidemia. *Patient Educ Couns* 2015 Nov 27. [Epub ahead of print]
- Gross AE, **Bryson ML.** Oral ribavirin for the treatment of non-influenza respiratory viral infections: a systematic review. *Ann Pharmacother* 2015;49:1125-35.
- **Gosser RA,** Arndt RF, Schaafsma K, Dang CH. Pharmacist impact on ischemic stroke care in the emergency department. *J Emerg Med* 2016.
- Hager K, **Gosser RA.** Retrospective analysis of billing at a standalone medication therapy management clinic. *AJHP* 2016.
- Landi M, Springer S, Estus E, **Ward K.** The impact of a student-run journal club on pharmacy students' self-assessment of critical appraisal skills. *Consult Pharm* 2015;30:356-60.
- **Ward KE,** Cohen LB. Promoting safe use of medications: providing medication education to seniors receiving meals on wheels. *Consult Pharm* 2015;30:616-22.
- Gomes DM, **Ward KE,** LaPlante KL. Clinical implications of vancomycin heteroresistant and intermediately susceptible *Staphylococcus aureus*. *Pharmacotherapy* 2015;35:424-32.

- Phillips J, **Ward KE.** Descriptive statistics. In: Gabay MP, ed. *The Clinical Practice of Drug Information*, 1st ed. Burlington, MA: Jones & Bartlett, 2015:141-52.

Other Notable Achievements

- **Andrew Abe:** Clinical Pharmacist at AlohaCare
- **Sherrill Brown:** Chair of the Library and Information Sciences Section of American Association of Colleges of Pharmacy (AACP)
- **Conor Hanrahan:** Manager of Drug Information Services for Intermountain Healthcare
- **Ryan Rodriguez:** Residency Program Director, PGY2 Drug Information Residency, University of Illinois at Chicago/Takeda Pharmaceuticals
- **James Wall:** Rutgers Pharmaceutical Industry Postdoctoral Fellow, Clinical Operations - Oncology at Genentech, Inc. (San Francisco); received first place at the CSHP Clinical Skills Competition (San Diego, California) in October 2015

Education and Training PRN

Introduction

The EDTR PRN had a successful year. It secured funding to support a member to attend the MeRIT program and three travel awards (two students, one postgraduate trainee) to the Annual Meeting. The Programming Committee PRN focus session topic for the Annual Meeting will be "Integrating Interprofessional Education into Practice," presented by David Bearden, Pharm.D.; Gloria R. Grice, Pharm.D., BCPS; and Sarah Shrader, Pharm.D., BCPS. In addition, 10 of the PRN's members have been elected as Fellows of ACCP for 2016 and will be recognized at the Annual Meeting: Joshua Caballero, Marshall Cates, Amy Donihi, Chahine Elias, Janet Engle, Katie McClendon, Sarah Nisly, Hanna Phan, Jennifer Phillips, and Curtis Smith. The PRN's new officers include Chair-Elect Eliza Dy-Boarman and newly elected Secretary/Treasurer Lindsay Saum. Congratulations to everyone.

Emergency Medicine PRN

Introduction

The EMED PRN achieved an important milestone this year. It now has more than 1000 members! In addition, the PRN launched the "research committee" this year to help it facilitate research within and beyond the PRN. Stay tuned for more information regarding how all members will be able to contribute and benefit from this endeavor. PRN members are all very proud of the achievements of the PRN members listed in this news brief. The list continues to grow each year. Finally, please join the PRN members

at the Annual Meeting for the PRN's focus session this year, titled "Got Evidence? Do Ketamine, NOAC Reversal Agents, and Icatibant Do the Body Good?" Members look forward to seeing you in October.

Promotions

- **Hussain Bakhsh:** Assistant Professor in the Clinical Pharmacy Department at King Abdulaziz University of Pharmacy, Jeddah, Saudi Arabia
- **Sandy Bartlett:** Vice Chair, Department of Pharmacy Practice, Husson University, Bangor, Maine
- **Kara Birrer:** Clinical Pharmacist, Neurocritical Care, Orlando Health, Orlando, Florida

Ryan Feldman:

- Emergency Medicine Clinical Pharmacy Specialist; Froedtert and the Medical College of Wisconsin
- Poison Information Specialist; Wisconsin Poison Center
- **Laura MacCall:** Emergency Medicine Clinical Pharmacy Specialist, Cox Medical Center - Branson
- **Kelly Murray:** Clinical Assistant Professor of Clinical Pharmacy and Department of Emergency Medicine; Oklahoma State University Center for Health Sciences College of Osteopathic Medicine
- **Jessica Nesheim:** Emergency Medicine Pharmacy Specialist, Mercy Medical Center, Des Moines, Iowa
- **Michael Thomas:** Professor and Chair at the McWhorter School of Pharmacy
- **Janice Tsui:** Emergency Medicine Clinical Pharmacy Specialist, Cleveland Clinic

Awards

- **Darrel Hughes:** University Health System - Pharmacy Residency Programs Preceptor of the Year
- **Kelly Murray:** Oklahoma University School of Pharmacy Preceptor of the Year Award
- **Kimberly Shipp:** Nationwide Children's Hospital IMPACT Award
- **Janice Tsui:** American College of Clinical Pharmacy (ACCP) EMED PRN Travel Award
- **Saumil Vaghela:** Victoria Morris Patient Safety Award

Publications

- **Acquisto NM, Hays DP.** Emergency medicine pharmacy: still a new clinical frontier. *Am J Health Syst Pharm* 2015;72:2092-6.

- Adams CB, **Acquisto NM**, Rotoli J, LoStracco T, Shamskin A, Pasternack J. Supermesenteric artery thrombosis following abrupt discontinuation of rivaroxaban. *Am J Emerg Med* 2016;34:764.e5-7.
- Adams CB, Vollman KE, Leventhal E, **Acquisto NM**. Emergent pediatric anticoagulation reversal utilizing a four-factor prothrombin complex concentrate. *Am J Emerg Med* 2016;34:1182.e1-2.
- **Awad NI**, Bridgeman PJ. Clinical toxicology learning experiences in post-graduate emergency medicine pharmacy residency programs. [Abstract program #273]. 2016 North American Congress of Clinical Toxicology Annual Meeting Abstracts. Boston, MA. *Clin Toxicol (Phila)* 2016;54:784-5. [poster, reviewed]
- **Awad NI, Cocchio C**, Bridgeman PJ. Clinical pharmacists are essential to the care of patients in the emergency department. *Ann Emerg Med* 2016. In press.
- Komura SN, **Awad NI**. The utility of bolus IV nicardipine for hypertensive emergencies in the emergency department. *Am J Emerg Med* 2016. [Epub ahead of print]
- **Bartlett S**. Clinical pearl ~ Holy Grail of NOAC reversal agent may be in the pipeline. *MSHP Bull* 2015;1:3.
- **Bartlett SC**. A cup of cool water. *Am J Health Syst Pharm* 2015;72:1496-8.
- Giancarelli A, Liu-DeRyke X, **Birrer K**, Hobbs B, Alban R. The incidence of hypocalcemia in trauma patients receiving massive transfusion protocol. *J Surg Res* 2016;202:182-7.
- Anderson RL, **Birrer KL**, Liu-DeRyke X. Haloperidol use in patients with acute traumatic brain injury: a safety analysis. *J Intensive Crit Care* 2016;2:2.
- Bradshaw H, Mitchell MJ, **Edwards CJ**, Stolz U, Naser O, Peck A, Patanwala AE. Medication palatability affects physician prescribing preferences for common pediatric conditions. *Acad Emerg Med* 2016 Jun 6. [Epub ahead of print]
- **Feldman R**, Cockerham L, Buchan BW, Lu Z, Huang AM. Treatment of *Paecilomyces variotii* pneumonia with posaconazole: case report and literature review. *Mycoses* 2016 Jul 12. [Epub ahead of print]
- **Feldman R**, Daniels A. *Elizabethkingia* endovascular infection. *SIDP Newsletter - Summer* 2016.
- Barton CA, Johnson NB, Case J, Warden B, **Hughes DW**, Zimmerman J, Roberti G, McMillian WD, Schreiber M. Risk of thromboembolic events after protocolized warfarin reversal with

3-factor PCC and factor VIIa. *Am J Emerg Med* 2015;33:1562-6.

- Hodge EK, **Hughes DW**, Attridge RL. Effect of body weight on hemodynamic response in patients receiving fixed-dose vasopressin for septic shock. *Ann Pharmacother*. [Epub ahead of print]
- Cohen V, **Jellinek-Cohen S**, **Musselman M**. The emergency department pharmacist. In: O'Donnell: *Drug Injury: Liability, Analysis, and Prevention*, 4th ed. Tucson, AZ: Lawyers & Judges. In press.
- **Murray KA**, O'Neal KS, Weisz M. Dietary suggestions for migraine prevention. *Am J Health Syst Pharm* 2015;7:519-21.
- Gabay M, Smith JA, Abe AM, Hume AL, Phillips J, Chavez ML, **Musselman ME**, Goldwire M, Gosser R, Walker S, Coon S. ACCP white paper on natural products. *Pharmacotherapy*. 2016. In press.
- Sorensen T, Shapiro N, Benedict N, Edward KL, Chan A, Covey D, Daniels C, Hagemann T, Hemstreet B, Miller W, **Musselman ME**. ACCP white paper: recommendations for aligning PGY2 pharmacy residency training and pharmacy specialist board certification. *Pharmacotherapy* 2016;36:e34-39.
- **Nguyen TT**, Troendle M, Cumpston K, Rose SR, Wills BK. Lack of adverse effects from flumazenil administration: an ED observational study. *Am J Emerg Med* 2015;33:1677-9.
- **Patanwala AE**, Erstad BL, Roe DJ, Sakles JC. Succinylcholine is associated with increased mortality when used for rapid sequence intubation of severely brain injured patients in the emergency department. *Pharmacotherapy* 2016;36:57-63.
- **Patanwala AE**, Kurita A, Truong E. Low-dose levetiracetam for seizure prophylaxis after traumatic brain injury. *Brain Inj* 2016;30:156-8.
- Erstad BL, **Patanwala AE**. Ketamine for analgo-sedation in critically ill patients. *J Crit Care* 2016;25:145-9. [Epub ahead of print]
- Fallon E, Fung S, Rubal-Peace G, **Patanwala AE**. Predictors of patient satisfaction with pain management in the emergency department. *Adv Emerg Nurs J* 2016;38:115-22.
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- Sakles JC, Mosier JM, **Patanwala AE**, Arcaris B, Dicken JM. First pass success without hypoxemia is increased with the use of apneic oxygenation during rapid sequence intubation in the emergency department. *Acad Emerg Med* 2016;23:703-10.
- Sakles JC, Mosier JM, **Patanwala AE**, Arcaris B, Dicken JM. The utility of the C-MAC as a direct laryngoscope for intubation in the emergency department. *J Emerg Med* 2016 Jul 25. [Epub ahead of print]
- Sakles JC, Mosier JM, **Patanwala AE**, Dicken JM. Apneic oxygenation is associated with a reduction in the incidence of hypoxemia during the RSI of patients with intracranial hemorrhage in the emergency department. *Intern Emerg Med* 2016 Feb 4. [Epub ahead of print]
- **Pop M**, Finocchi M. Medication errors: a case-based review. *AACN Adv Crit Care* 2016;27:5-11.
- **Rech MA**, Bennett S, Chaney W, Sterk E. Risk factors for mortality in septic patients who received etomidate. *Am J Emerg Med* 2015;33:1340-3.
- **Rech MA**, Wittekindt L, Friedman SD, Kling K, Ubogy D. 4-Factor prothrombin complex concentrate for intracerebral hemorrhage secondary to vitamin K deficiency bleeding in a 6-week-old child. *J Pediatr* 2015;167:1443-4.
- Day S, Cucci M, Droege M, Erdman M, Holzhausen J, Kram B, Kram S, Pajoumand M, Parker C, Patel M, Peitz G, Poore A, Turck C, Van Berkel M, Wong A, Zomp A, **Rech MA**. Major publications in the critical care pharmacotherapy literature: January 2014 through December 2014. *Am J Health Syst Pharm* 2015;72:1974-85.
- Patel N, Cook A, Greenhalgh E, **Rech MA**, Rusinak J, Heinrich L. Overview of extended release tacrolimus in solid organ transplantation. *World J Transplant* 2016;6:144-54.
- **Shipp K**, Chiang T, Karasick S, Quick K, Nguyen S, Cantey JB. Antibiotic stewardship challenges in a referral neonatal intensive care unit. *Am J Perinatol* 2016;33:518-24.
- **Thomas MC**, **Acquisto NM**, **Shirk MB**, **Patanwala AE**. A national survey of emergency pharmacy practice in the United States. *Am J Health Syst Pharm* 2016;73:386-94.
- Mo Y, **Thomas MC**, Karras GE. Barbiturates for the treatment of alcohol withdrawal syndrome: a systematic review of clinical trials. *J Crit Care* 2016;32:101-7.
- Mo Y, Zimmermann AE, **Thomas MC**. Practice patterns and opinions on current clinical practice guidelines regarding the management of delirium in the intensive care unit. *J Pharm Pract* 2016. In press.

- Mody V, Shah S, Patel J, **Thomas MC**. Compatibility of norepinephrine bitartrate with levofloxacin and moxifloxacin during simulated Y-site administration. *Int J Pharm Compd* 2016;20:236-8.
- Bailey AM, Reed BS, **Weant KA**, Justice SB. Complements are not always a good thing: novel therapies for angioedema. *Adv Emerg Nurs J* 2016;38:93-108.
- Bodkin RP, **Weant KA**, Baker Justice S, Spencer M, Acquisto NM. Effectiveness of glucagon in relieving esophageal foreign body impaction, a multi-center study. *Am J Emerg Med* 2016;34:1049-52.
- McPheeters CM, VanArsdale VM, **Weant KA**. N-acetylcysteine use in non-acetaminophen-induced acute liver failure. *Adv Emerg Nurs J* 2016;38:183-9.

New ACCP Fellows

- **Kyle A. Weant**

Other Notable Achievements

- **Nadia Awad**: EMED PRN Chair-Elect for 2016–2017
- **Katelyn Dervay**:
- Fellow of the American Society of Health-System Pharmacists (FASHP)
- Master's degree in Public Health (MPH) in Global Disaster Management and Humanitarian Relief
- **Meghan Groth**: Secretary/Treasurer for 2016–2017
- **Megan Musselman**: EMED PRN Chair for 2016–2017
- **Megan Rech**: M.S. degree in Clinical Research Methods and Epidemiology
- **Michele Zell-Kanter**: Fellow of the American Academy of Clinical Toxicology (FAACT)

Endocrinology PRN

Promotions

- **Edward C. Allie**: Senior Manager of Pharmacy and Wellness at Steward Health Care Network
- **Lisa M. Chastain**: Associate Professor of Pharmacy Practice at the Texas Tech University HSC School of Pharmacy
- **Sara (Mandy) Wilson Reece**: Associate Professor at the Georgia Campus – PCOM

Awards

- **Dustin Carneal**: 2016 Toby Clark Resident Research Award Finalist. Abstract can be found at www.ohioprc.com/2016_OPRC_Program_FINAL2.pdf.

S. Mimi Mukherjee:

- MCPHS University Faculty Short-term Service Award, 2016
- MCPHS University School of Pharmacy-Worcester/Manchester Pharmacy Faculty Preceptor of the Year 2015–2016

Grants

- **June Felice Johnson**: Received a \$47,670 grant from Janssen Scientific Affairs, HECOR division, for the project Canagliflozin Prescribing Patterns in a Specialty Diabetes Clinic
- **S. Mimi Mukherjee**: Received a grant: MCPHS University Faculty Development Grant for a study Lesbian Gay Bisexual Transgender Inter-professional Education Initiative. Grant was written in collaboration with colleagues Carroll-Ann Goldsmith and Ann Lak.
- **Sonak Pastakia**: Received the following grants: R01 HL125487-01A1 Bridging Income Generation with Group Integrated Care. Amount: \$1,800,000. Source: NIH Investigators: Rajesh Vedanthan (PI), **Sonak Pastakia** (Co-I), Jemima Kamano, et al.; Ethnic Specific Risk Stratification in Early Pregnancy for Identifying Mothers at Risk of Gestational Diabetes Mellitus (GDM) in Kenya and India. Amount: \$1,600,000 (\$470,000 for Kenyan Site). Source: Medical Research Council (MRC-UK) Investigators: **Sonak Pastakia** (PI-Kenyan Site), UK Site PI: Saravanan Ponuswamy, India Site PI: Viswanathan Mohan
- **Craig Williams**: Received a \$19,000 grant from Altarum Institute for "Role of Platelet Activation in Colon Cancer Metastasis Under Coagulation and Shear and the Effects of Inhibition with Aspirin." Co-I: Owen McCarty and Annachiara Mitrugno.

Publications

- **Butler MG**, Zhou E, Zhang F, Wu Y, Wu AC, Levenson M, Wu P, Seymour S, Toh D, Iyasu S, Baker M. Changing patterns of asthma medication use related to FDA LABA regulations 2005-2011. *J Allergy Clin Immunol* 2016;137:710-7.
- Lafata JE, Karter AJ, O'Connor PJ, Morris H, Schmittiel JA, Ratliff S, Newton KM, Raebel MA, Pathak RD, Thomas A, **Butler MG**, Reynolds K,

- Waitzfelder B, Steiner JF. Medication adherence does not explain black-white differences in cardio-metabolic risk factor control among insured patients with diabetes. *J Gen Intern Med* 2016;31:188-95.
- Murphy MV, Du DT, Hua W, Cortez KJ, **Butler MG**, Davis RL, DeCoster TA, Johnson L, Li L, Nakasato C, Nordin JD, Ramesh M, Schum M, Von Worley A, Zinderman C, Platt R, Klompas M. Risk factors for surgical site infections following anterior cruciate ligament reconstruction. *Infect Control Hosp Epidemiol* 2016;37:827-33.
 - Wu AC, Li L, Fung V, Kharbanda EO, Larkin EK, **Butler MG**, Galbraith A, Miroshnik I, Davis RL, Horan K, Lieu TA. Mismatching among guidelines, providers, and parents on controller medication use in children with asthma. *JACI Pract* 2016 May 6. [Epub ahead of print]
 - Black RL, Higbea AM, Duval CE, **Chastain LM**. Pharmacological management of obesity in patients with type 2 diabetes. *Expert Rev Endocrinol Met* 2016. [Epub ahead of print]
 - Edwards KL, Hadley RL, Baby N, Yeary JC, **Chastain LM**, Brown CD. Utilizing clinical pharmacy specialist to address access to care barriers in the veteran population for the management of diabetes. *J Pharm Pract* 2016. [Epub ahead of print]
 - Bialonczyk D, Ourfalian K, **Goldman JD**. The artificial pancreas- current projects, challenges, and practical considerations. *AADE Pract* 2016;4:50-4.
 - Dvorkin Camiel L, Mistry A, Schnee D, Tataronis G, Taglieri C, Zaiken K, Patel D, Nigro S, Jacobson S, **Goldman JD**. Students' attitudes, academic performance and preferences for content delivery in a very large self-care course redesign. *AJPE* 2016;80:Article 67.
 - Natali K, **Goldman JD**. Insulin allergy: a case report and review of the literature. *J Pharm Technol* 2016. Published online ahead of print June.
 - **Minze MG, Chastain LM**. Combination therapies in the management of type 2 diabetes: the use of insulin degludec/liraglutide. *Ther Clin Risk Manag* 2016;12:471-8.
 - Klein MS, Koffarnus R, **Minze MG**, Ochoa PS. Achieving cholesterol goals with low-cost 3-hydroxy-3-methylglutaryl co-enzyme A (HMG-COA) reductase inhibitors in an indigent diabetic population. *Am J Health Syst Pharm* 2016;73(5 suppl 1):S63-8.
 - Rachlis B, Karwa R, Chema C, **Pastakia S**, et al. Targeted spontaneous reporting: assessing opportunities to conduct routine pharmacovigilance for antiretroviral treatment on an international scale. *Drug Saf* 2016 Jun 9. [Epub ahead of print]
 - Anjana RM, Sudha V, Lakshmi Priya N, Anitha C, Unnikrishnan R, Bhavadharini B, Mahalakshmi MM, Maheswari K, Kayal A, Ram U, Ranjani H, Ninov L, Deepa M, Pradeepa R, **Pastakia SD**, Malanda B, Belton A, Mohan V. Physical activity patterns and gestational diabetes outcomes - the WINGS project. *Diabetes Res Clin Pract* 2016;116:253-62.
 - Bhavadharini B, Anjana RM, Mahalakshmi MM, Maheswari K, Kayal A, Unnikrishnan R, Ranjani H, Ninov L, **Pastakia SD**, et al. Glucose tolerance status of Asian Indian women with gestational diabetes at 6 weeks to 1 year postpartum (WINGS-7). *Diabetes Res Clin Pract* 2016;117:22-7.
 - Bhavadharini B, Mahalakshmi MM, Anjana RM, **Pastakia SD**, et al. Prevalence of gestational diabetes mellitus in urban and rural Tamil Nadu using IADPSG and WHO 1999 criteria (WINGS 6). *Clin Diabetes Endocrinol* 2016;2:8.
 - O'Hara EG, Kirui NK, **Pastakia SD**, et al. Characteristics of a diabetes cohort in rural western Kenya. *Lancet Diabetes Endocrinol* 2016 Jun 22.
 - Manji I, Manyara SM, Jakait B, Ogallo W, Hagedorn IC, Lukas S, Kosgei EJ, **Pastakia SD**. The revolving fund pharmacy model: backing up the Ministry of Health supply chain in western Kenya. *Int J Pharm Pract* 2016 Feb 23. [Epub ahead of print]
 - Miller ML, Karwa R, Schellhase EM, **Pastakia SD**, et al. Meeting the needs of underserved patients in western Kenya by creating the next generation of global health pharmacists. *Am J Pharm Educ* 2016;80:22.

New ACCP Fellows

- **Sonak Pastakia**

Other Notable Achievements

- **Alicia Abia**: Board Certified Pharmacotherapy Specialist (BCPS)
- **June Felice Johnson**: Canagliflozin prescribing patterns in a specialty diabetes clinic. Posted presented as lead author at: American Diabetes Association 76th Scientific Sessions; June 11, 2016.

Kim Kelly:

- Updated both Certified Professional Coder credential with ICD-10 Certification and Certified Endocrine Coder credential
- Conducted a webinar on Basal Bolus Insulin Therapy and another on Landmark Clinical Trials in Diabetes, both for the J&J Diabetes Institute

S. Mimi Mukherjee:

- Certified Diabetes Educator (CDE)
- Sequential remediation in a pharmacotherapeutics course series. Poster presented as first author at: American Association of Colleges of Pharmacy (AACP) Annual Meeting; July 2016.
- **Kavita Parikh:** Pharmacy Quality Alliance - CVS Health Foundation Scholar
- **Krystal Riccio:** Certified Diabetes Educator (CDE)

Geriatrics PRN

Introduction

The Geriatrics PRN looks forward to a successful 2016 ACCP Annual Meeting and installation of its new officers. The PRN is proud of the recent accomplishments of its members, including:

Promotions

- **Amber McLendon:** Associate Professor, Campbell University College of Pharmacy and Health Sciences
- **Katie Traylor:** Assistant Professor (Clinical), University of Utah College of Pharmacy, Department of Pharmacotherapy

Awards

- **Alisyn Hansen:** Utah Geriatric Education Center Geriatric Workforce Enhancement Program (GWEP) Faculty Fellowship. This is a 1-year paid fellowship to develop an individualized learning plan and dedicate effort toward an educational research project.
- **Jeannie Lee:** Tideswell, AGS, ADGAP Certificate of Emerging Leaders in Aging; Awarded by: Tideswell at UCSF, American Geriatrics Society, and Association of Directors of Geriatrics Academic Programs
- **Scott Vouri:** 2016 Alene and Meyer Kopolow Award for Geriatrics, Psychiatry, and Neurology – Foundation for Barnes-Jewish Hospital

Grants

- **Zachary Marcum:** University of Washington K12 in Patient-Centered Outcomes Research (Sullivan PI) – AHRQ. This is an institutional training program to support mentored career development research in patient-centered outcomes research. Role: Scholar. 08/01/16 – 07/31/19

Publications

- **Butler MG**, Zhou E, Zhang F, Wu Y, Wu AC, Levenson M, Wu P, Seymour S, Toh D, Iyasu S, Baker M. Changing patterns of asthma medication use related to FDA LABA regulations 2005-2011. *J Allergy Clin Immunol* 2016;137:710-7.
- Lafata JE, Karter AJ, O'Connor PJ, Morris H, Schmittiel JA, Ratliff S, Newton KM, Raebel MA, Pathak RD, Thomas A, **Butler MG**, Reynolds K, Waitzfelder B, Steiner JF. Medication adherence does not explain black-white differences in cardio-metabolic risk factor control among insured patients with diabetes. *J Gen Intern Med* 2016;31:188-95.
- Wu AC, Li L, Fung V, Kharbanda EO, Larkin EK, **Butler MG**, Galbraith A, Miroshnik I, Davis RL, Horan K, Lieu TA. Mismatching among guidelines, providers, and parents on controller medication use in children with asthma. *JACI Pract* 2016 May 6. [Epub ahead of print]
- Koronkowski M, **Eisenhower C**, **Marcum Z**. An update on geriatric medication safety and challenges specific to the care of older adults. *Ann Longterm Care* 2016;24:37-40.
- Pimental C, Gurwitz J, Tija J, **Hume AL**, Lapane KL. New initiation of long-acting opioids in long-stay nursing home residents. *J Am Geriatr Soc* 2016 Aug 3.
- Solomon J, **Hume AL**. The new oral anticoagulants: a patient-centered review. *J Nurse Pract* 2016.
- Lapane KL, **Hume AL**, Ulbricht C, Gambassa G. Safety of psychotropic drugs in the elderly. In: Spina E, Trifiró G, eds. *Pharmacovigilance Psychiatry* 2016.
- **Lee JK**, Mendoza DM, Mohler J, Lee EM. Geriatrics. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al, eds. *Pharmacotherapy: Principles and Practice*, 4th ed. New York: McGraw-Hill, 2016:7-18.
- **Marcum ZA**, Bellon JE, Li J, Gellad WF, Donohue JM. New chronic disease medication prescribing by nurse practitioners, physician assistants, and primary care physicians: a cohort study. *BMC Health Serv Res* 2016;16:312.
- **Marcum ZA**, Duncan NA, Makris UE. Pharmacotherapies in geriatric chronic pain management. *Clin Geriatr* 2016. In press.
- **Marcum ZA**, Perera S, Thorpe JM, Switzer GE, Castle NG, Strotmeyer ES, Simonsick EM, Ayonayon HN, Phillips CL, Rubin S, Zucker-Levin AR, Bauer DC, Shorr RI, Kang Y, Gray SL, Hanlon JT. Antidepressant use and recurrent

falls in community dwelling older adults: findings from the Health ABC study. *Ann Pharmacother* 2016;50:525-33.

- **Marcum ZA**, Wirtz HS, Pettinger M, LaCroix AZ, Carnahan R, Cauley JA, Bea JW, Gray SL. Anticholinergic medication use and falls in postmenopausal women: findings from the Women's Health Initiative cohort study. *BMC Geriatr* 2016;16:76.
- Koll T, Pergolotti M, Holmes HM, Pieters HC, van Londen GJ, **Marcum ZA**, MacKenzie AR, Steer CB. Supportive care in older adults with cancer: across the continuum. *Curr Oncol Rep* 2016;18:51.
- Maree RD, **Marcum ZA**, Saghafi E, Weiner DK, Karp JF. A systematic review of opioid and benzodiazepine misuse in older adults: relevance for primary care. *Am J Geriatr Psychiatry* 2016. In press.
- Lo-Ciganic WH, Donohue JM, Jones BL, Perera S, Thorpe JM, Thorpe CT, **Marcum ZA**, Gellad WF. Trajectories of diabetes medication adherence and hospitalization risk. *J Gen Intern Med* 2016. In press.
- Naples JG, **Marcum ZA**, Perera S, Newman AB, Greenspan SL, Gray SL, Bauer DC, Simonsick EM, Shorr RI, Hanlon JT. Impact of drug-drug and drug-disease interactions on gait speed in community-dwelling older adults. *Drugs Aging* 2016;33:411-8.
- Radomski TR, Good CB, Thorpe CT, Zhao X, **Marcum ZA**, Glassman PA, Lowe J, Mor M, Fine MJ, Gellad WF. Variation in formulary management practices within the VA healthcare system. *J Manag Care Specialty Pharm* 2016;22:114-20.
- Rottman BM, **Marcum ZA**, Thorpe CT, Gellad WF. Medication adherence as a learning process: insights from cognitive psychology. *Health Psych Rev* 2016. In press.
- Rubin SE, Gendron TL, **Peron EP**. Reciprocity and shared experiences through transgenerational creative arts. *Public Policy Aging Rep* 2016;00:1-3.
- Babin J, **Traylor K**, Witt D. Laboratory monitoring of low-molecular-weight heparin and fondaparinux. *Semin Thromb Hemost* 2016. In press.
- Pippitt K, Gunning K, **Traylor K**. Re: the diversity of providers on the family medicine team. *J Am Board Fam Med* 2016;29:424.
- Stranges PM, **Vouri SM**. Impact of resident research publication on early-career publication success. *Am J Health Syst Pharm* 2016;73:895-900.
- Other Notable Achievements

Nakia Duncan:

- Hired at University of Texas Southwestern Medical Center as part of the consult new palliative care service and to staff the outpatient palliative clinic
- Board Certified Pharmacotherapy Specialist (BCPS)
- **Eisenhower C:** Pharmacist-initiated optimization of inhalers in high-risk, older adults with chronic pulmonary obstructive disease. 2016 ACCP Virtual Poster Symposium.

GI/Liver/Nutrition PRN

Introduction

The GILN PRN would like to congratulate its members on the following accomplishments from March 2016 to August 2016. PRN members hope to see you at the ACCP Annual Meeting if you plan to attend!

Promotions

- **Lauren M. Hynicka:** From Assistant to Associate Professor at University of Maryland School of Pharmacy
- **Rima Mohammad:** Clinical Associate Professor at University of Michigan College of Pharmacy, Department of Clinical Pharmacy

Awards

- **Charles F. Seifert:**
- 2015–2016 TTUHSC School of Pharmacy P3 Teacher of the Year
- 2016 TTUHSC Student Government Association School of Pharmacy Outstanding Didactic Teacher of the Year

Publications

- **Deming P, Martin MT, Chan J, Dilworth TJ, El-Lababidi R, Love BL, Mohammad RA, Nguyen A, Spooner LM, Wortman SB.** Therapeutic advances in HCV genotype 1 infection: insights from the Society of Infectious Diseases Pharmacists. *Pharmacotherapy* 2016;36:203-17.
- **Martin MT, Telebak E, Taylor P, Volozhina O.** Development of a specialty medication prior authorization service at an urban academic medical center. *Am J Health Syst Pharm* 2016;73:1174-9.
- **Sebhatu P, Martin MT.** Genotype 1 hepatitis C virus and the pharmacist's role in treatment. *Am J Health Syst Pharm* 2016;73:e279-89.
- **Smith AN.** Pancreatitis. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2016 Book 2. GI/Fluids and Nutrition.* Lenexa, KS: American College of Clinical Pharmacy, 2016.

- **Smith MA, Mohammad RA.** Invited commentary: ledipasvir and sofosbuvir for hepatitis C genotype 4: a proof of concept phase 2a cohort study. *Lancet Infect Dis* 2015;15:993-5.

Presentations

Martin MT:

- Treating patients with hepatitis C virus: medications, guidelines, and adherence. Continuing education presented to pharmacists and physicians at: Pharmacy Society of Wisconsin (PSW) 2016 Educational Conference; April 6, 2016; Madison, WI.
- Hepatitis C treatment and challenges. Continuing education presented to pharmacists and physicians at: Midwest AIDS Training and Education Center (MATEC) program; June 29, 2016; Chicago, IL.

New ACCP Fellows

- **Rima Mohammad**

Other Notable Achievements

- **April Smith:** Added to the Novo Nordisk Speakers Bureau (Chronic Weight Management; Saxenda®)

Global Health PRN

Introduction

The Global Health PRN membership has been organizing its 2016 committees, which include Membership Engagement, Scholarship, Programming, and Nominations. Notable achievements over the past 6 months include launching the Global Health PRN's inaugural newsletter in June 2016 as well as finalizing an exciting focus session for the upcoming ACCP Annual Meeting. The PRN remains focused on engaging its members in global health activities through networking and research and on initiating interagency relations to keep members informed about global health opportunities. PRN members look forward to seeing you in October! A special congratulations to the following Global Health PRN members on their notable achievements over the past 6 months:

Promotions

- Susie Crowe: Experiential Education Director at East Tennessee State
- Publications
- Miller ML, Karwa R, Schellhase EM, Pastakia SD, **Crowe S**, Manji I, Jakait B, Maina M. Meeting the needs of underserved patients in western Kenya by creating the next generation of global health pharmacists. *Am J Pharm Educ* 2016;2:22.

- Rachlis B, Karwa R, Chema C, **Pastakia S**, Olsson S, Wools-Kaloustian K, Jakait B, Maina M, Yotebieng M, Kumarasamy N, Freeman A, de Rekeneire N, Duda SN, Davies MA, Braitstein P. Targeted spontaneous reporting: assessing opportunities to conduct routine pharmacovigilance for antiretroviral treatment on an international scale. *Drug Saf* 2016 Jun 9. [Epub ahead of print]
- Anjana RM, Sudha V, Lakshmi Priya N, Anitha C, Unnikrishnan R, Bhavadharini B, Mahalakshmi MM, Maheswari K, Kayal A, Ram U, Ranjani H, Ninov L, Deepa M, Pradeepa R, **Pastakia SD**, Malanda B, Belton A, Mohan V. Physical activity patterns and gestational diabetes outcomes - the WINGS project. *Diabetes Res Clin Pract* 2016;116:253-62.
- Bhavadharini B, Anjana RM, Mahalakshmi MM, Maheswari K, Kayal A, Unnikrishnan R, Ranjani H, Ninov L, **Pastakia SD**, Usha S, Malanda B, Belton A, Uma R, Mohan V. Glucose tolerance status of Asian Indian women with gestational diabetes at 6 weeks to 1 year postpartum (WINGS-7). *Diabetes Res Clin Pract* 2016;117:22-7.
- Bhavadharini B, Mahalakshmi MM, Anjana RM, **Pastakia SD**, et al. Prevalence of gestational diabetes mellitus in urban and rural Tamil Nadu using IADPSG and WHO 1999 criteria (WINGS 6). *Clin Diabetes Endocrinol* 2016;2:8.
- Manji I, Manyara SM, Jakait B, Ogallo W, Hagedorn IC, Lukas S, Kosgei EJ, **Pastakia SD**. The revolving fund pharmacy model: backing up the Ministry of Health supply chain in western Kenya. *Int J Pharm Pract* 2016 Feb 23. [Epub ahead of print]
- Miller ML, Karwa R, Schellhase EM, **Pastakia SD**, Crowe S, Manji I, Jakait B, Maina M. Meeting the needs of underserved patients in western Kenya by creating the next generation of global health pharmacists. *Am J Pharm Educ* 2016;80:22.
- O'Hara EG, Kirui NK, **Pastakia SD** (corresponding author), et al. Characteristics of a diabetes cohort in rural western Kenya. *Lancet Diabetes Endocrinol* 2016 Jun 22.
- Gleason SE, Covvey JR, Abrons JP, Dang Y, Seo SW, Tofade T, Prescott GM, **Peron EP**, Masilamani S, Alsharif NZ. Connecting global/international pharmacy education to the CAPE 2013 outcomes: a report from the global pharmacy education special interest group. American Association of Colleges of Pharmacy (AACP) Center for the Advancement of Pharmacy Education, 2016. Available at www.aacp.org/RESOURCES/EDUCATION/CAPE/Pages/default.aspx.

Awards

- **Katelyn Dervay:** Fellow of the American Society of Health-System Pharmacists (FASHP)
- **Jodie Malhotra:** Colorado Pharmacists Society - MVP Award

New ACCP Fellows

- Sonak Pastakia

Other Notable Achievements

- **Dervay K:** Master's degree in Public Health (MPH) in Global Disaster Management and Humanitarian Relief
- **Huggins C:** Board Certified Ambulatory Care Pharmacist (BCACP)

Health Outcomes PRN

Introduction

The Health Outcomes PRN has been collaborating with the Pharmaceutical Industry PRN for the joint focus session that will be presented at the Annual Meeting. The Business Planning Committee is currently preparing for the PRN's business meeting, given the feedback from the prior year. Committee members will be reaching out for volunteers, so please offer to participate if you will be attending this year. The PRN made available three travel awards to support the travel of a pharmacy student, resident, and fellow to the Annual Meeting, and applications are currently under review. The PRN would like to congratulate its members on their accomplishments below. Great work!

Publications

- Her QL, **Amato MG**, Seger DL, Beeler PE, Slight SP, Dalleur O, Dykes PC, Gilmore JF, Fanikos J, Fiskio JM, Bates DW. The frequency of inappropriate non-formulary medication alert overrides in the inpatient setting. *J Am Med Inform Assoc*. Online first March 21, 2016.
- Her QL, Seger DL, **Amato MG**, Beeler PE, Dalleur O, Slight SP, Dykes PC, Bates DW. Development of an algorithm to assess appropriateness of override of non-formulary medication alerts in a computerized provider order entry system. *Am J Health Syst Pharm* 2016;73:e34-45.
- Slight SP, Beeler PE, Seger DL, **Amato MG**, Her QL, Swerdlow M, Dalleur O, Nanji KC, Cho I, Maniam N, Eguale T, Fiskio JM, Dykes PC, Bates DW. A cross-sectional, observational study of high override rates of drug allergy alerts in inpatient and outpatient settings, and opportunities for improvement. *BMJ Qual Saf* 2016. Online first March 18, 2016.

- Slight SP, Eguale T, **Amato MG**, Seger AC, Whitney DL, Bates DW, Schiff GD. The vulnerabilities of computerized physician order entry systems: a qualitative study. *J Am Med Inform Assoc* 2016;23:311-6.

Oral Abstract Presentations

- **Amato MG**, Dalleur O, Wong A, Fiskio JM, Seger DL, Beeler PE, Eguale T, Nanji KC, Dykes P, Silvers ER, Slight SP, Bates DW. Beers potentially inappropriate medications in the elderly contributing to hospital admissions: lack of prevention with computerized clinical decision support alerts. Oral abstract presented at: 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL. Abstract: *J Gen Intern Med* 2016;31(suppl 2):S135.
- Wong AR, **Amato MG**, Seger DL, Beeler PE, Dalleur O, Dykes PC, Eguale T, Fiskio JM, Silvers ER, Slight SP, Bates DW. Evaluation of medication-related clinical decision support overrides in the intensive care unit. Oral abstract presented at: 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL. Abstract: *J Gen Intern Med* 2016;31(suppl 2):S217.
- Poster Presentations
- Klinger EV, Salazar A, Medoff J, **Amato M**, Dykes P, Haas JS, Bates DW, Schiff G. Patient-reported side effects using electronic pharmacovigilance in patients newly started on medications for hypertension, diabetes, insomnia or depression. *J Gen Intern Med* 2016;31(suppl 2):S329. Poster presented at the 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.
- Kron K, Nathan A, Karmiy S, Volk LA, **Amato M**, Neri PM, Salazar A, Seoane-Vazquez E, Wright A, Eguale T, McCord S, Rodriguez-Monguio R, Schiff G. Incorporating medication indication into CPOE ordering: views of physicians and pharmacists. *J Gen Intern Med* 2016;31(suppl 2):S274. Poster presented at the 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.
- Seger D, Silvers ER, Slight SP, **Amato MG**, Fiskio JM, Wong A, Beeler PE, Eguale T, Dykes PC, Bates DW. Reasons and appropriateness of overriding anaphylaxis drug allergy alerts. *J Gen Intern Med* 2016;31(suppl 2):S383. Poster presented at the 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.
- Silvers ER, Seger DL, Wong A, **Amato MG**, Slight SP, Beeler PE, Fiskio J, Eguale T, Dykes PC,

Bates DW. Providers' comparison between clinical decision support of a homegrown electronic health record system and a vendor product. *J Gen Intern Med* 2016;31(suppl 2):S375. Poster presented at the 39th Annual Meeting, Society of General Internal Medicine; May 2016; Hollywood, FL.

Grants

Mike Dorsch:

- University of Michigan College of Pharmacy and Health System PI on an NIH/NIA R21 titled "A Patient-Centered Mobile Intervention to Promote Self-Management and Improve Patient Outcomes in Chronic Heart Failure" to test the impact of a mobile application on clinical outcomes in HF, determine whether novel pre-clinical measures predict clinical worsening in HF, and develop a notification message system for the mobile application.
- PI on an AHRQ R21 titled "A Geofencing-Based Adaptive Messaging System to Support Patient Self-Management of a Low-Sodium Diet in Hypertension" to develop and test the effectiveness of a mobile application to help hypertensive patients reduce the amount of dietary sodium intake using mobile push notifications at grocery stores and restaurants.

Diana M. Sobieraj:

- PI on an AHRQ contract titled "Pharmacologic Management of Asthma," a systematic review in partnership with the NHLBI in preparation for an update of the Expert Panel Report-3 Guidelines for the Diagnosis and Management of Asthma.
- PI on a Pre-K Career Development Award from the Connecticut Institute for Clinical and Translational Science titled "Prediction of Early Mortality from Pulmonary Embolism in Patients with Active Cancer" in support of the preparation of an AHRQ R08 Career Development Award.

New ACCP Fellows

- **Christine M. Formea**
- **Kelly M. Rudd**

Hematology/Oncology PRN

Introduction

The Hematology/Oncology PRN continues to provide a forum for hematology/oncology pharmacists to network and collaborate on scientific, educational, and political issues affecting clinical practice, teaching, and research. The PRN has over 930 members, with trainees (students and residents) making up greater than 50% of the PRN

membership. The largest increase in overall members was among students, with an 82% increase.

The 2016 Hematology/Oncology PRN session is collaborating with the Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN. This year's session is titled "From Pharmacogenomic Evidence to Clinical Practice: Getting Personal in Oncology." These discussions will be led by three renowned speakers: Jill Kolesar, Pharm.D., FCCP, BCPS, professor of pharmacy at the University of Wisconsin; Kristine R. Crews, Pharm.D., FCCP, BCPS, director, Translational Research Laboratory, Pharmaceutical Sciences Department, St. Jude Children's Research Hospital; and Kevin Hicks, Pharm.D., Ph.D., personalized medicine specialist in the DeBartolo Family Personalized Medicine Institute at H. Lee Moffitt Cancer Center.

At the Annual Meeting, the PRN will host its business meeting and networking forum on Tuesday, October 25, 2016. The PRN welcomes all its members.

Notable PRN member accomplishments over the past 6 months are as follows:

Promotions

- **Lisa Holle:** Associate Clinical Professor, Department of Pharmacy Practice, UConn School of Pharmacy
- **Meghana V. Trivedi:** Associate Professor with Tenure, Department of Pharmacy Practice and Translational Research, Department of Pharmacological and Pharmaceutical Sciences University of Houston, College of Pharmacy

Awards

- **Jill Kolesar:** ACCP President-Elect 2016–2017
- **Ninh Irene M. La-Beck:** ACCP New Investigator Award 2016
- **Judith Smith:** Elected to the Board of Trustees for ACCP Research Institute
- **Meghana V. Trivedi:** Hematology/Oncology Pharmacy Association (HOPA) Basic Science and Clinical Research Literature Award

Publications

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Invited Talks

- **Salma Alfifi:** [Multiple myeloma debate: chemo-therapy versus autologous hematopoietic stem cell transplantation](#). Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Jason N. Barreto:** [Antibacterial prophylaxis in high-risk febrile neutropenia](#). Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Larry W. Buie:** Adult B-cell acute lymphoblastic leukemia. BCOP Specialty Session at Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Sara K. Butler:** [NSCLC debate: sorting out optimal therapies after failure of a platinum-doublet](#). Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Clement Chung:** Treatment of advanced melanoma. Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **David DeRemer:** Recent advances in the treatment and management of lymphomas. Hematology/Oncology Pharmacy Association (HOPA) Oncology Pharmacy Updates Course; July 2016; Orlando, FL.
- **Matthew E. Eckley:** [Iron deficiency anemia: diagnosis, treatment, and monitoring considerations](#). Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Susan Goodin:** [Significant papers in hematology/oncology](#). Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Cyrine E. Haidar:** Breakout: practical issues for clinicians. Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Donald Harvey:** Advances in myeloma classification and therapeutics. Hematology/Oncology Pharmacy Association (HOPA) Oncology Pharmacy Updates Course; July 2016; Orlando, FL.
- **Lisa M. Holle:** [Medical marijuana](#). BCOP Specialty Session at Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Theresa A. Mays:** Investigational drugs. Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.

- **Angela Michael:** [Breakout: practical issues for clinicians](#). Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **William P. Petros:** [Ways to engage institutional resources: from a hypothesis to grant submission](#). Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Judith A. Smith:** [Slow but persistent ... update on advancements in the treatment of advanced ovarian cancer](#). BCOP Specialty Session at Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.
- **Scott Soefje:** Updates in the treatment of advanced melanoma. Hematology/Oncology Pharmacy Association (HOPA) Oncology Pharmacy Updates Course; July 2016; Orlando, FL.
- **Chris Walko:** The role of pharmacogenomics in the era of precision medicine. 2016 American Society of Clinical Oncology (ASCO) Annual Meeting; June 2016; Chicago, IL.
- **Casey Williams:** Building a precision oncology program in a community cancer center: lessons learned and challenges encountered. Clinical sciences seminar presented at: UH College of Pharmacy; June 2016; Houston, TX.
- **Gary C. Yee:** [Study design and interpretation](#). BCOP Specialty Session at Hematology/Oncology Pharmacy Association (HOPA) Annual Meeting; March 2016; Atlanta, GA.

New ACCP Fellows

- **LeAnn Norris**

Fellowship in Other Organizations

- **Larry W. Buie:** Fellow of the American Society of Health-System Pharmacists (FASHP)

HIV PRN

Introduction

The HIV PRN continues to grow, with more than 250 trainees and members with an interest in providing HIV services and sharing resources. Members of this PRN are encouraged to come together to share their diverse clinical practices, complex cases, research, education, and training experiences in order to network with other members as well as seek clinical advice.

The HIV PRN has been preparing for the ACCP Annual Meeting. Their focus session is titled "HIV in Special Populations." This session will focus on (1) hepatitis C coinfection, (2) transplant, and (3) malignancy.

The PRN has been advancing clinical practice, education, and research. Notable achievements can be found below.

Promotions

- **Melissa Badowski:** Clinical Associate Professor; University of Illinois at Chicago, College of Pharmacy

Awards

- **Melissa Badowski:** Gita Patel Best Practice Recognition Award by SIDP for her practice site with HIV-positive inmates using telemedicine

Grants

Melanie Nicol:

- ACCP RI Futures Grant Junior Investigator Award. Role of Exogenous and Endogenous Sex Hormones on Tenofovir and Emtricitabine Disposition in the Female Genital Tract. Role: PI
- University of Minnesota Academic Health Center, Global Health Seed Grant, Assessing Antiretroviral Distribution in CNS Reservoirs Using IR-MALDESI Mass Spectrometry Imaging. Role: PI

Publications

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- **Badowski ME, Perez SE**. Clinical utility of dronabinol in the treatment of weight loss associated with HIV and AIDS. *HIV AIDS (Auckl)* 2016;8:37-45.
- **Badowski ME, Perez SE, Biagi M, Littler JA**. New antiretroviral treatment for HIV. *Infect Dis Ther* 2016 Aug 18.
- **Biagi M, Badowski M, Chiampas T, Young J, Vaughn P, Shicker L, Patel M**. Administration of tenofovir disoproxil fumarate-based antiretroviral therapy in an HIV-infected patient following unilateral nephrectomy. *Int J STD AIDS* 2016;27:808-11.
- **McLaughlin M**. Book review: basic & applied pharmacokinetics self-assessment. *Curr Pharm Teach Learn* 2016;8:260-1.
- **McLaughlin M**. Book review: casebook in clinical pharmacokinetics and drug dosing. *Curr Pharm Teach Learn* 2016;8:262-3.
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- **McLaughlin MM, Esterly JS**. Safety and tolerability of high-dose oral valacyclovir during a shortage of intravenous acyclovir. Poster presentation 4202. *Microbe*; 2016; Boston, MA.
- **McLaughlin MM, Masic I, Gerzenshtein L**. Appropriateness of NRTI dosing during CVVH at a large academic, medical center. Poster presentation 4872. *Microbe*; 2016; Boston, MA.
- Alegria W, Kotis D, **McLaughlin MM**. Prospective inventory management systems for preempting problems related to medication unavailability. *Am J Health Syst Pharm* 2016;73:864-6.
- Chapman RL, Felczak M, Mazan JL, **McLaughlin MM, Wiczorkiewicz J, Giometti PL**. "Building the pharmacy pipeline": an early assurance program and relationships to student leadership and academic achievement. Poster presented at: American Association of Colleges of Pharmacy (AACP); 2016; Anaheim, CA.
- Gettig JP, **McLaughlin MM**. Effect of an elective course on pharmacy students' confidence and success in the residency application, interviewing, and match process: class of 2015 and 2016 cohorts. Poster presented at: Lifelong Learning in Pharmacy Bi-annual Meeting; 2016; Split, Croatia.
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- Shaw B, Ison MG, Gilbert EM, Barr VO, Masic I, Gorgi N, Kalfayan N, **McLaughlin MM**. Beta-lactam

allergy record updates after an allergy consultation: potential stewardship Intervention. Poster presentation EV0673. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID); 2016; Amsterdam, Netherlands.

- **Pallotta A**, Rehm SJ. Navigating pneumococcal vaccination in adults. *Cleve Clin J Med* 2016;83:427-33.
- Bombatch C, **Pallotta A**, Neuner EA, Taeye AJ. Evaluation of herpes zoster vaccination in HIV-infected patients 50 years of age and older. *Ann Pharmacother* 2016 Feb 9. [Epub ahead of print]
- Podany AT, **Scarsi KK**, Fletcher CV. Comparative clinical pharmacokinetics and pharmacodynamics of HIV-1 integrase strand transfer inhibitors. *Clin Pharmacokinet* 2016 Jun 17. [Epub ahead of print]
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Other Notable Achievements

- **Gabriella Douglass**: Board Certified in Advanced Diabetes Management (BC-ADM)
- **Sarah Michienzi**: Began PGY3 HIV residency at the University of Illinois at Chicago
- **Mark Shaefer**: Appointed to the ACCP Research Institute Board of Trustees

Immunology/Transplantation PRN

Awards

- **Clarice Carthon**: Finalist and second runner-up in the Best Student and Resident Award category for poster abstract titled "Impact of a Pharmacist-Led Vaccine Recommendation Program for Pediatric Kidney Transplant Candidates." 2016 ACCP Virtual Poster Symposium. Coauthors were **Reed Hall**, **Pamela Maxwell**, and **Barrett Crowther**.
- **Rosemary Cross**: 2016 Outstanding Pharmacy Practitioner Award from the Georgia Society of Health-System Pharmacists
- **Tiffany Kaiser**: American Society of Transplantation (AST) TIRN grant for project titled "Novel Medication Adherence Monitoring Strategies Utilizing Technology to Trigger Patient-Specific Adaptive Adherence Interventions in Renal Transplant Recipients" at the 2016 American Transplant Congress (ATC)

- **David Newland**: ATC Poster of Distinction Award for abstract titled "Positive Impact of a Pilot Pharmacist-Run Diabetes Pharmacotherapy Clinic in Solid Organ Transplant Recipients." 2016 ATC. His coauthors were Angelina Edwards, Reed Hall, and Pamela Maxwell.
- **Christin Rogers**: American Society of Transplantation (AST) Clinician of Distinction Award at the 2016 American Transplant Congress (ATC)
- **Simon Tremblay**: American Transplant Congress (ATC) Young Investigator Award for project titled "A Prospective Carfilzomib-Based Desensitization Trial: Phase I Results" at the 2016 ATC

Publications

- Bunnapradist S, Rostaing L, **Alloway RR**, West-Thielke P, Denny J, Mulgaonkar S, Budde K. LCPT once-daily extended-release tacrolimus tablets vs. twice-daily capsules: a pooled analysis of two phase 3 trials in important de novo and stable kidney transplant recipient subgroups. *Transpl Int* 2016;29:603-11.
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Poster Presentations

- **Carthon C, Hall R, Maxwell P, Crowther B**. Impact of a pharmacist-led vaccine recommendation program for pediatric kidney transplant candidates. ACCP Virtual Poster Symposium; May 2016.
- **Covert K**, Mardis C, **Fleming JN**, et al. Development of a predictive model for medication errors in kidney transplant recipients. Accepted for presentation at: ACCP Annual Meeting; October 2016.
- Ramaraju G, Dokus MK, Cristofaro L, **Iuppa J**, Weiss M, Gee T, Huang J, Maliakkal B, Orloff M, Kashyap R. Single-center experience treating post-transplant hepatitis C patients with direct acting antivirals (DAAs). International Congress of the Transplantation Society; August 2016.
- **Iuppa JA**, Dokus MK, Venniro EK, Patel AP, Danzig A, Hahn JR, Kashyap R, Orloff MS, Taylor JG. Anti-thymocyte globulin induction does not increase the risk of thrombotic events in kidney transplantation: a matched case-control study. American Transplant Congress (ATC); June 2016.
- Dokus MK, Patel AP, **Iuppa JA**, Venniro EK, Danzig A, Cooley JL, Taylor JG, Kashyap R, Orloff MS. Anti-thymocyte globulin induced thrombocytopenia and bleeding after kidney transplantation. American Transplant Congress (ATC); June 2016.
- Miller R, **Meadows H, Fleming JN**, et al. Safety, efficacy, and cost saving potential of various weight-based dosing for thymoglobulin induction therapy in kidney transplant recipients. Accepted for presentation at: ACCP Annual Meeting; October 2016.
- Miller R, **Meadows H, Fleming JN**, et al. Safety, efficacy, and cost saving potential of various weight-based dosing for thymoglobulin induction therapy in kidney transplant recipients. American Transplant Congress (ATC); June 2016.
- **Milas E**, Feurer I, **Truscott C, Gray J**, Wilson N, Bala S, et al. Comparison of actual versus goal tacrolimus levels post cardiothoracic transplant. American Transplant Congress (ATC); June 2016.
- Clark J, Sparkes T, Masters B, LaMattina J, Barth R, **Moss M**. Basiliximab induction for safe delay of calcineurin inhibitors in high MELD liver transplant recipients. ATC; June 2016.
- **Newland D**, Edwards A, **Hall R, Maxwell P**. Positive impact of a pilot pharmacist-run diabetes pharmacotherapy clinic in solid organ transplant recipients. ATC; June 2016.

- Yakubu I, Masters B, **Ravichandran B**, Sparkes T, **Moss M**, **Rasetto F**, **Jonchhe S**, Thomas B, Costa N, Leaser D, Haririan D. Alemtuzumab induction therapy in elderly kidney transplant recipients. ATC; June 2016.
- **Strout S**, **Pilch NA**, **Fleming JN**, et al. Do morbidly obese patients have an increased risk of infection post-kidney transplant? ATC; June 2016.
- Anagnostis E, Beardsley J, **Ticehurst E**, Pandya K, Chan J, Fuller P, Jasiak K. Pharmacy residency preceptor requirements at academic medical centers: a survey of University HealthSystem Consortium hospitals. American Society of Health-System Pharmacists (ASHP) National Pharmacy Preceptors Conference; August 2016.
- Koyawala N, Silber J, Rosenbaum P, Bloom R, Wang W, Hill A, Nazarian S, Sawinski D, **Trofe J**, Lim M, Schold J, Reese P. Kidney transplant induction therapies: risks of death, allograft failure, sepsis, and cancer. ATC; June 2016.
- **Trofe-Clark J**, Townsend R, Neubauer R, Lim MA, Callahan LA, Bloom RD. Pulse wave velocity amongst African-American kidney transplant recipients randomized to once-daily MeltDose tacrolimus tablets (Envarsus XR) vs. traditional twice-daily tacrolimus capsules: exploratory results from a phase III trial. Late-breaking poster presented at: ATC; June 2016.

Oral Presentations

Alloway RR:

- Results of U01 study comparing tacrolimus brand and the two most disparate generics in renal and liver transplant recipients. Presented at: University of Cincinnati, Internal Medicine Research Update; January 2016.
- Belatacept: beyond de-novo renal transplant. Presented at: 35th Annual Advanced Nephrology: Nephrology for the Consultant Conference; January 2016.
- Extended release tacrolimus formulations. Presented at: 35th Annual Advanced Nephrology: Nephrology for the Consultant Conference; January 2016.
- Organ donation process and organ donation challenge. Presented at: University of Cincinnati College of Medicine and Pharmacy; April 2016.
- Navigating new research mandates: Clinicaltrials.gov. Presented at: CCTST Grand Rounds, University of Cincinnati; May 2016.
- Making clinical/translational research your career. American Transplant Congress (ATC); June 2016.

- **Alvey N**. Best practice for a multidisciplinary approach to discharge planning: how we do it. American Transplant Congress (ATC); June 2016.
- **Bowman-Anger L**. Optimizing the role of the pharmacist in the ambulatory clinic. American Transplant Congress (ATC); June 2016.
- **Campara M**. Successfully billing for pharmacist services in the ambulatory setting: effective strategies for a hospital-based and private practice setting: hospital-based clinic. American Transplant Congress (ATC); June 2016.
- **Covert K**, Mardis C, **Fleming JN**, et al.:
- Predictive model for medication errors in a chronic kidney transplant clinic. American Transplant Congress (ATC); June 2016.
- Pharmacist impact on medication errors in a chronic kidney transplant clinic. American Transplant Congress (ATC); June 2016.
- **Diamond A**. Evaluation of a risk-stratified induction immunosuppression protocol utilizing low-dose antithymocyte globulin in renal transplantation. American Transplant Congress (ATC); June 2016.
- **Fleming J**. Optimizing the role of the pharmacist. In: The Ambulatory Clinic: impact on pre and post-transplant care: post-transplant. American Transplant Congress (ATC); June 2016.
- **Gabardi S**. Optimizing the role of the pharmacist. In: The Ambulatory Clinic: impact on pre and post-transplant care: pre-transplant. American Transplant Congress (ATC); June 2016.
- **Horwedel T**. Optimizing medication therapy management in the hospital setting: providing effective patient care in traditional and nontraditional roles: traditional. Presented at: American Transplant Congress (ATC); June 2016.
- **Iuppa J**, **Kaiser T**. Pharmacist involvement in QAPI programing: providing oversight and leadership in QAPI projects: pharmacist-led quality projects. Presented at: American Transplant Congress (ATC); June 2016.
- **Kane B**, Lockwood M, Bodzin A, **Potter L**, **Lourenco L**, Millis J. Randomized controlled study evaluating adherence monitoring with electronic feedback on reducing renal allograft rejection. Presented at: International Congress of the Transplantation Society; August 2016.
- **Lee S**. Impact of the transplant pharmacist on formulary management: an administrative and clinical perspective: day to day. American Transplant Congress (ATC); June 2016.

- **Maldonado A.** Successfully billing for pharmacist services in the ambulatory setting: effective strategies for a hospital-based and private practice setting: private practice clinic. American Transplant Congress (ATC); June 2016.
 - **Moss M.** Education techniques in patients with learning challenges: a focus on methods for those with poor health literacy and sensory impairment: poor health literacy. American Transplant Congress (ATC); June 2016.
 - **Park J.** Case-based approaches to optimizing transitions of care and patient education. American Transplant Congress (ATC); June 2016.
 - **Pilch N.** Fitting clinical research into your (already busy) practice. Presented at: American Transplant Congress (ATC); June 2016.
 - **Potter L, Kane B, Lockwood M, Bodzin A, Covington D, Mayer K, Michael J.** Prospective randomized controlled study evaluating the relationship between electronic adherence data and tacrolimus concentration data. Presented at: International Congress of the Transplantation Society; August 2016.
 - **Potter L.** Overcoming financial hurdles in the post-transplant setting: optimizing insurance coverage and use of alternative methods: optimizing insurance. Presented at: American Transplant Congress (ATC); June 2016.
 - Lockwood M, **Potter L, Kane B, Bodzin A, Lourenco L, Millis J.** Prospective randomized controlled study evaluating the impact of an electronic feedback system (EFS) on medication adherence in solid organ transplantation. Presented at: International Congress of the Transplantation Society; August 2016.
 - **Ravichandran B.** Overcoming financial hurdles in the post-transplant setting: optimizing insurance coverage and use of alternative methods: other mechanisms. American Transplant Congress (ATC); June 2016.
 - **Sammons C.** Education techniques in patients with learning challenges: a focus on methods for those with poor health literacy and sensory impairment: sensory impaired. Presented at: American Transplant Congress (ATC); June 2016.
 - **Smith L.** Novel outpatient services to improve outcomes and decrease readmissions: use of specialty pharmacy and transplant-based infusion services to generate revenue. American Transplant Congress (ATC); June 2016.
 - **Strout S, Pilch NA, Fleming JN, et al.** Impact of morbid obesity on breakthrough CMV infection in kidney transplant recipients. American Transplant Congress (ATC); June 2016.
 - **Thielke J.** Impact of the transplant pharmacist on formulary management: an administrative and clinical perspective: administrative. American Transplant Congress (ATC); June 2016.
 - **Thompson C.** Optimizing medication therapy management in the hospital setting: providing effective patient care in traditional and non-traditional roles: non-traditional. American Transplant Congress (ATC); June 2016.
 - **Ticehurst E.** Updates in transplantation 2016. Accepted for presentation at: American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting; December 2016.
 - **Tichy E.** Balancing clinical and operational responsibilities: establishing a role at a new transplant program and a large established center: administrative perspective/large institution. American Transplant Congress (ATC); June 2016.
- Trofe-Clark J:**
- Extended release tacrolimus formulations: pharmacokinetics and clinical use in renal transplantation. Immunology/Transplantation PRN Webinar; ACCP; April 2016.
 - Effective pharmacologic evaluation of transplant candidates. Premeeting Invited Speaker: Collaboration at its finest: a case-based approach highlighting the significance of the multi-disciplinary team: pre-transplant phase. American Transplant Congress (ATC); June 2016.
- Tsapepas D:**
- Innovative telemedicine education practices in the transplant and donation phase: effective and time-saving strategies. American Transplant Congress (ATC); June 2016.
 - Optimizing information technology in daily activities: an inpatient and outpatient perspective: inpatient perspective. American Transplant Congress (ATC); June 2016.
 - **Veasey T, Fleming JN, et al.** Morbid obesity and functional status as predictors of surgical complications after renal transplantation. American Transplant Congress (ATC); June 2016.

Promotions

- **Adam Diamond:** Abdominal Organ Transplant Clinical Pharmacy Specialist at Temple University Hospital
- **Ian Doyle:** Associate Professor and indefinite tenure at the Pacific University School of Pharmacy

Fellowship in Other Organizations

The following individuals were selected as Fellows of the American Society of Transplantation (FASTs) in 2016:

- **Marie A. Chisholm-Burns**
- **Matthew Everly**
- **Jillian Fose**
- **Kathleen D. Lake**
- **Angela Q. Maldonado**
- **Yasar Tasnif**
- **Kimi Ueda**
- **Ashley A. Vo**

Infectious Diseases PRN

Introduction

The Infectious Diseases PRN (ID PRN) is one of the largest PRNs, with just more than 2300 members, over one-third of whom are residents and students. The ID PRN has four active committees (Programming, Nominations, Awards, and Publications), which work diligently to support and encourage membership involvement through meeting schedules, development of new awards and recognition categories for the PRN's members, and development of a PRN newsletter. The ID PRN continues to support research and scholarly activity, with consistent donations to the Frontiers Fund, and supporting members with scholarships to the Focused Investigator Training (FIT) and/or the Mentored Research Investigator Training (MeRIT). At the October 2016 ACCP Annual Meeting, the ID PRN will continue to award Outstanding Trainee awards to two students and two residents. This will also be the second year that the ID PRN recognizes its members' accomplishments with the awarding of the Clinical Practice Award.

The ID PRN continues to have a robust Twitter presence (@accpinfdprn, #IDPRN), with over 700 followers. The PRN has held two Twitter chats, one "Ask the Experts" session, which allowed users to bounce ideas and clinical scenarios off each other, and the other titled "ID Post-Graduate Training" with a focus on advice for students and residents interested in residency and fellowship.

The ID PRN would like to congratulate the seven members who were elected as Fellows of ACCP and will be honored during the Annual Meeting in Hollywood, Florida.

Promotions

- **Christopher Bland:** Clinical Associate Professor, University of Georgia College of Pharmacy
- **John Cleary:** Director of Pharmacy, Saint Dominic-Jackson Memorial Hospital
- **Lynne Fehrenbacher:** Associate Professor, Concordia University Wisconsin School of Pharmacy
- **Monica Donnelley:** PGY2 Infectious Diseases Residency Program Director, University of California Davis Medical Center

Awards

- **Samuel Aitken:** PGY 1 Preceptor of the Year, University of Texas MD Anderson Cancer Center
- **Brandon Bookstaver:** APPE Preceptor of the Year, SC College of Pharmacy (2016)
- **Christopher Frei:** Outstanding Faculty Mentor of the Year, San Antonio Region
- **Michael Kays:** Purdue University College of Pharmacy Dr. Aziz Outstanding Teacher of the Year Award
- **Young Lee:** P2 Teaching Team of the Year (2015)
- **Katherine Lusardi:** Arkansas College of Clinical Pharmacy New Clinical Practitioner of the Year (2015)
- **Doug Slain:** WVU School of Pharmacy Teacher of the Year Award (2015–2016)
- **Elias Chahine:** Forerunner Award, Florida Society of Health-System Pharmacists; Faculty Member
- **Elias Chahine:** Inductee, Phi Lambda Sigma Pharmacy Leadership Society, Gamma Zeta Chapter
- **Jill Cowper:** Hospital Corporation of America (HCA) Innovators Award for Quality and Clinical Excellence
- **Lynne Fehrenbacher:** Concordia University Wisconsin School of Pharmacy, Pharmacy Practice Faculty of the Year Award (2016)

Grants

- **Brandon Bookstaver:** NIH (SBIR) - Impact of a Health Coaching and Medication Adherence Smartphone Application on HIV-Infected African-Americans >45
- **Elias Chahine:** Palm Beach Atlantic University, Gregory School of Pharmacy:
- Assessing Students' Perceptions of Supplemental Instruction on Social Media Before and After an Infectious Diseases Pharmacotherapy Course

- Implementing and Assessing School-wide Objective Structured Clinical Examinations: Phase 2
- **Michael Klepser:** National Association of Chain Drug Stores Foundation:
- Implementation and Evaluation of an Innovative Community Pharmacy-Based HIV and HCV Screening Program and Linkage to Care
- Identifying and Implementing Strategies for Community Antimicrobial Stewardship Programs
- **Young Lee:** Texas Tech University Health Sciences Center School of Pharmacy, Faculty Research Seed Grant
- **Kelly Reveles:** NIH/National Institute on Aging. Comparison of Gut Microbiota Composition and Systemic Inflammatory Markers Prior to and Post-Proton Pump Inhibitor Use in the Elderly

Publications

- **Aitken SL, Dilworth TJ, Heil EL, Nailor MD.** Agricultural applications for antimicrobials. A danger to human health: an official position statement of the Society of Infectious Diseases Pharmacists. *Pharmacotherapy* 2016;36:422-32.
- **Aitken SL,** Kontoyiannis DP, DePombo AM, Bhatti MM, **Tverdek FP,** Gettys SC, **Nicolau DP,** Nunez CA. Use of ceftolozane/tazobactam in the treatment of multidrug-resistant *Pseudomonas aeruginosa* bloodstream infection in a pediatric leukemia patient. *Pediatr Infect Dis J* 2016 Jul 7.
- **Aitken SL,** Tarrand JJ, Deshpande LM, **Tverdek FP,** **Jones AL,** Shelburne SA, **Prince RA,** Bhatti MM, Rolston KV, Jones RN, Castanheira M, Chemaly RF. High rates of nonsusceptibility to ceftazidime-avibactam and identification of New Delhi metallo- β -lactamase production in Enterobacteriaceae bloodstream infections at a major cancer center. *Clin Infect Dis* 2016 Jun 16.
- **Aitken SL,** Zhou J, Ghantaji SS, Kontoyiannis DP, Jones RB, **Tam VH,** Chemaly RF. Pharmacokinetics and safety of intravesicular cidofovir in allogeneic HSCT recipients. *J Antimicrob Chemother* 2016;71:727-30.
- Chemaly RF, **Aitken SL,** Wolfe CR, **Jain R,** Boeckh MJ. Aerosolized ribavirin: the most expensive drug for pneumonia. *Transpl Infect Dis* 2016 May 23.
- **Beardsley JR,** Jones CM, **Williamson J,** et al. Pharmacist involvement in a multidisciplinary initiative to reduce sepsis-related mortality. *Am J Health Syst Pharm* 2016;73:143-9.
- **Bland CM,** Quidley AM, **Love BL,** Yeager C, McMichael B, **Bookstaver PB.** Long-term

pharmacotherapy considerations in the bariatric surgery patient. *Am J Health Syst Pharm* 2016;73:1230-42.

- Derrick CB, Lu ZK, Caulder CR, Hester EK, Wagner TD, **Bookstaver PB.** Safety and tolerability of Stribild in the Southeast United States. *J Int Assoc Provid AIDS Care* 2016 May 25. [Epub ahead of print]
- Brown J, Poulakos MN, Fairclough JL, **Chahine EB.** Implementing and assessing an elective learning experience in medical missions for PGY1 pharmacy residents. *Curr Pharm Teach Learn* 2016;8:559-64.
- **Chastain DB, Stover KR, King ST.** Infectious and non-infectious etiologies of cardiovascular disease in human immunodeficiency virus infection. *Open AIDS J* 2016;10:113-26.
- Nichols K, **Chung EK,** Knoderer CA, Dees J, **Healy DP,** Buenger LE, Crumby AS, **Kays MB.** Population pharmacokinetics and pharmacodynamics of extended-infusion piperacillin and tazobactam in critically ill children. *Antimicrob Agents Chemother* 2016;60:522-31.
- Dan S, **Dilworth TJ.** Comment on: Importance of selection and duration of antibiotic regimen in prosthetic joint infections treated with debridement and implant retention. *J Antimicrob Chemother.* In press.
- **Dionne B,** Brett M, Culbreath K, **Mercier RC.** Potential ceiling effect of healthcare worker influenza vaccination on the incidence of nosocomial influenza infection. *Infect Control Hosp Epidemiol* 2016;37:840-4.
- **Donnelley MA,** Zhu ES, **Thompson GR III.** Isavuconazole in the treatment of invasive aspergillosis and mucormycosis infections. *Infect Drug Resist* 2016;9:79-86.
- **Eljaaly K.** Dose and duration of intraventricular antibiotic therapy in meningitis. *CMI* 2016.
- **Eljaaly K, David Nix.** Voriconazole dosing in obese patients. *Clin Infect Dis* 2016;63:286.
- Cadena J, Richardson AM, **Frei CR.** Risk factors for methicillin-resistant *Staphylococcus aureus* skin and soft tissue infection in MRSA-colonized patients discharged from a Veterans Affairs hospital. *Epidemiol Infect* 2016;144:647-51.
- Cadena J, Thinwa J, Walter EA, **Frei CR.** Risk factors for the development of active methicillin-resistant *Staphylococcus aureus* (MRSA) infection in patients colonized with MRSA at hospital admission. *Am J Infect Control* 2016. [Epub ahead of print]

- Metersky ML, **Frei CR**, Mortensen EM. Predictors of *Pseudomonas* and methicillin-resistant *Staphylococcus aureus* in hospitalized patients with healthcare-associated pneumonia. *Respirology* 2016;21:157-63.
- **Garey KW, Aitken SL**, Gschwind L, Goddu S, Xie Y, Duff C, Barbut F, **Shah DN**, DuPont HL. Development and validation of a *Clostridium difficile* health-related quality-of-life questionnaire. *J Clin Gastroenterol* 2016 Jan 19.
- **Giancola SE, Mahoney MV**, Bias TE, **Hirsch EB**. Critical evaluation of ceftolozane-tazobactam for complicated urinary tract and intra-abdominal infections. *Ther Clin Risk Manag* 2016;12:787-97.
- Roth P, **Grim S**, Gallitano S, Adams W, Clark N, Layden J. Serial testing for latent tuberculosis infection in transplant candidates: a retrospective review. *Transplant Infect Dis* 2016;18:14-21.
- Reid GE, Lynch JP III, Weight SS, Sayah D, Belperio JA, **Grim SA**, Clark NM. Herpesviruses respiratory viral infections in immunocompromised patients: epidemiology, management, and outcomes. *Semin Respir Crit Care Med* 2016;37:603-30.
- Seroy J, **Grim SA**, Reid GE, Wellington T, Clark NM. Treatment of multidrug-resistant urinary tract infections with oral fosfomicin, a retrospective analysis. *J Antimicrob Chemother* 2016 May 30 [Epub ahead of print]
- **Hammond DA**, Smith MN, Painter JT, Meena NK, Lusardi K. Comparative incidence of acute kidney injury in critically ill patients receiving vancomycin with concomitant piperacillin-tazobactam or cefepime: a retrospective cohort study. *Pharmacotherapy* 2016;36:463-71.
- **Han Z**, Kane BM, Petty LA, Josephson MA, Sutor J, Pursell KJ. Cobicistat significantly increases tacrolimus serum concentrations in a renal transplant recipient with human immunodeficiency virus infection. *Pharmacotherapy* 2016.
- Pariser J, Anderson B, Pearce S, **Han Z**, Rodriguez J, Landon E, Pisano J, Smith N, Steinberg G. The effect of broader, directed antimicrobial prophylaxis including fungal coverage on perioperative infectious complications after radical cystectomy. *Urol Oncol* 2016;34:121.e9-121.e14.
- Duhon BD, **Hand EO, Howell CK, Reveles KR**. Retrospective cohort study evaluating the incidence of diabetic foot infections among hospitalized adults with diabetes in the United States from 1996-2010. *Am J Infect Control* 2015;44:199-202.
- **Hashem N, Hidayat L**, Berkowitz L, **Venugopalan V**. Management of skin and soft-tissue infections at a community teaching hospital using a severity of illness tool. *J Antimicrob Chemother*. Accepted for publication.
- **Hobbs AL, Shea KM**, Daley MJ, et al. Are first-generation cephalosporins obsolete? A retrospective, non-inferiority, cohort study comparing empirical therapy with cefazolin versus ceftriaxone for acute pyelonephritis in hospitalized patients. *J Antimicrob Chemother* 2016;71:1665-71.
- Hammer KL, Stoessel A, **Justo JA, Bookstaver PB, Kohn J**, Derrick CB, Albrecht H, Al-Hasan MN. Association between chronic hemodialysis and bloodstream infections caused by chromosomally mediated AmpC-producing Enterobacteriaceae. *Am J Infect Control* 2016 Aug 4. [Epub ahead of print]
- Shah A, **Justo JA, Bookstaver PB, Kohn J**, Albrecht H, Al-Hasan MN. Prediction of fluoroquinolone resistance in gram-negative bacteria causing bloodstream infections. *Antimicrob Agents Chemother* 2016;60:2265-72.
- Lewis SJ, **Kays MB**, Mueller BA. Determination of carbapenem dosing recommendations in SHIFT renal replacement therapy using Monte Carlo simulations. *J Clin Pharmacol* 2016.
- Gronowski AM, Adams A, Ball C, Gaydos C, **Klepser M**. Pharmacists in the laboratory space: friends or foes? *Clin Chem* 2016;62:679-83.
- **Klepser ME**, Altom A, MacCallum C, Nordquist E, Klepser DG. Description of the methods for describing and assessing the appropriateness of antibiotic prescribing and adherence to published treatment guidelines in an academic medical clinic. *Inov Pharm* 2016;7:1-8.
- **Klepser ME**, Klepser DG, Dering-Anderson A, Morse JA, Smith JK, Klepser SA. Effectiveness of a pharmacist-physician collaborative program to manage influenza-like illness. *J Am Pharm Assoc* 2016;56:14-21.
- Adams AJ, **Klepser ME**, Klepser DG. An update on community pharmacies as CLIA-waived facilities. *Res Soc Admin Pharm* 2016;12:666-7.
- Klepser DG, **Klepser ME**, Dering-Anderson A, Morse JA, Smith JK, Klepser SA. Community pharmacist-physician collaborative streptococcal pharyngitis management program. *J Am Pharm Assoc* 2016;56:323-9.
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- Walker E, Lyman A, Gupta K, **Mahoney MV**, Snyder GM, **Hirsch EB**. Clinical management of an increasing threat: outpatient urinary tract infections due to multidrug-resistant uropathogens. *Clin Infect Dis* 2016 Jun 16.
- **O'Donnell JN**, Miglis CM, Lee JY, Tuvell M, Lertharakul T, Scheetz MH. Carbapenem susceptibility breakpoints, clinical implications with the moving target. *Expert Rev Anti Infect Ther* 2016;14:389-401.
- **O'Donnell JN**, Venkatesan N, Manek M, **Rhodes NJ**, **Scheetz MH**. Visual and absorbance analyses of admixtures containing vancomycin and piperacillin-tazobactam at commonly used concentrations. *Am J Health Syst Pharm* 2016;73:241-6.
- **Okumura LM**. Protease inhibitors and azolic antifungals in HIV patients with histoplasmosis: a clinical pharmacokinetics perspective. *Braz J Infect Dis* 2016;20:405.
- **Okumura LM**, Riveros BS, Gomes-da-Silva MM, Veroneze I. A cost-effectiveness analysis of two different antimicrobial stewardship programs. *Braz J Infect Dis* 2016;20:255-61.
- Huang LL, Van Schooneveld TC, Huang RD, **Olsen KO**, Rupp ME, **Gross AE**. Guideline-concordant versus discordant antimicrobial therapy in patients with community-onset complicated intra-abdominal infections. *Infect Control Hosp Epidemiol* 2016;37:855-8.
- **Prybylski JP**. A strategy for dosing vancomycin to therapeutic targets using only trough concentrations. *Clin Pharmacokinet* 2016 Jul 7.
- **Rhodes NJ**, Prozialeck WC, **Lodise TP**, Venkatesan N, **O'Donnell JN**, Pais G, Cluff C, Lamar PC, Neely MN, Gulati A, **Scheetz MH**. Evaluation of vancomycin exposures associated with elevations in novel urinary biomarkers of acute kidney injury in vancomycin-treated rats. *Antimicrob Agents Chemother* 2016 Jul 18. [Epub ahead of print]
- Whited L, Grove M, Rose D, Rhodes NJ, Scheetz MH, O'Donnell JN, Neeb J, Thoele K, Jones DR, Lowe C, Moore D, Kiel PJ. Pharmacokinetics of cefepime in patients with cancer and febrile neutropenia in the setting of hematologic malignancies or hematopoietic cell transplantation. *Pharmacotherapy* 2016 Aug 6. [Epub ahead of print]
- **Scheetz MH**, **Crew PE**, **Miglis C**, **Gilbert EM**, Sutton SH, **O'Donnell JN**, **Postelnick M**, Zembower T, **Rhodes NJ**. Investigating the extremes of antibiotic use with an epidemiologic framework. *Antimicrob Agents Chemother* 2016;60:3265-9.
- Wohl DA, Bhatti L, Small CB, Edelstein H, Zhao HH, Margolis DA, DeJesus E, Weinberg WG, Ross LL, **Shaefer MS**. The ASSURE study: HIV-1 suppression is maintained with bone and renal biomarker improvement 48 weeks after ritonavir discontinuation and randomized switch to abacavir/lamivudine + atazanavir. *HIV Med* 2016,17:106-17.
- **Shah DN**, **Aitken SL**, Barragan LF, Bozorgui S, Goddu S, Navarro ME, Xie Y, DuPont HL, **Garey KW**. Economic burden of primary compared with recurrent *Clostridium difficile* infection in hospitalized patients: a prospective cohort study. *J Hosp Infect* 2016;93:286-9.
- **Shah DN**, Chan F, Kachru N, Garcia K, **Balcer H**, Dyer A, Emanuel J, Jordan M, **Lusardi KT**, Naymick G, **Polisetty R**, Sieman L, Tyler A, Johnson M, **Garey KW**. A multi-center study of fidaxomicin use for *Clostridium difficile* infection. *SpringerPlus* 2016;5:1224.
- **Staicu ML**, **Brundige ML**, Ramsey A, **Brown J**, et al. Implementation of a penicillin allergy screening tool to optimize aztreonam use. *Am J Health Syst Pharm* 2016;73:298.
- Shirey K, **Stover KR**, **Cleary JD**, Hoang N, Hosler J. Membrane-anchored cyclic peptides as effectors of mitochondrial oxidative phosphorylation. *Biochemistry* 2016 Mar 17. [Epub ahead of print]
- **Turner RB**, Cumpston A, Sweet M, Briggs F, **Slain D**, Wen S, Craig M, Hamadani M, Petros W. A prospective, controlled study of acyclovir pharmacokinetics in obese patients. *Antimicrob Agents Chemother* 2016;60:1830-3.
- **Turner RB**, Valcarlos C, Won R, Chang E, Schwartz J. Impact of infectious diseases consultation on clinical outcomes of patients with *Staphylococcus aureus* bacteremia at a community health system. *Antimicrob Agents Chemother* 2016. [Epub ahead of print]
- Bath S, Lines J, Loeffler AM, Malhotra A, **Turner RB**. Impact of standardization of antimicrobial prophylaxis duration in pediatric cardiac surgery. *J Thorac Cardiovasc Surg* 2016. [Epub ahead of print]

- **Venugopalan V**, Trustman N, Manning N, **Hashem N**, Berkowitz L, **Hidayat L**. Administration of a survey to evaluate the attitudes of house staff physicians towards antimicrobial resistance and the antimicrobial stewardship programme at a community teaching hospital. *J Global Antimicrob Resist* 2016;4:21-7.
- Bell AM, **Wagner JL**, **Barber KE**, **Stover KR**. Elbasvir/grazoprevir: a review of the latest agent in the fight against hepatitis C. *Int J Hepatol* 2016;Article ID 3852126.

New ACCP Fellows

- **Christopher M. Bland**
- **Elias B. Chahine**
- **Jeffrey J. Cies**
- **Hanna Phan**
- **Harminder Sikand**
- **Joanna L. Stollings**
- **Kurt Wargo**

Fellowship in Other Organizations

The following individuals were selected as Fellows of the Infectious Diseases Society of America (FIDSA):

- **Scott Bergman**
- **Brandon Bookstaver**
- **Kimberly Leuthner**

Added Qualifications in Infectious Diseases

- **J. Andrew Carr**
- **Tom Dilworth**
- **Zhe Han**
- **Stephanie Kuhn**
- **Michele Swihart**

Other Notable Achievements

- **Elias Chahine**: Completed American Association of Colleges of Pharmacy (AACP) Academic Leadership Fellows Program
- **Daniel Fleischman**: Board Certified Pharmacotherapy Specialist (BCPS)
- **Brian Hughes**: SIDP Antimicrobial Stewardship Certification
- **Lucas Okumura**: Board Certified Pharmacotherapy Specialist (BCPS)
- **Mark Shaefer**: Appointed to the ACCP Research Institute Board of Trustees

Nephrology PRN

Introduction

The Nephrology PRN members have been participating in teaching, scholarship, and clinical and professional service. The PRN is proud to share the many accomplishments of its members.

Promotions

- **Leah Bentley Patel**: Senior Medical Science Liaison, Mallinckrodt Pharmaceuticals

Awards

- **Ifeanyi Onor**: 2016 American Association of Colleges of Pharmacy (AACP) Walmart Scholars Program Mentor Award
- **Leah Bentley Patel**: 2016 Global Medical Affairs Cultural Hallmarks Award, awarded by Mallinckrodt Pharmaceuticals to a team member who best embodies accountability, competitiveness, collaboration, high performance, and trustworthiness

Grants

- **Nita Limdi**: Patient-Oriented Research in Personalized Antithrombotic Therapy. Limdi NA (PI). Funded by NHLBI. Clinical, genetic, and environmental factors that predict individual variability in antithrombotic response can help identify patients who could benefit or be harmed by these drugs. Integration of these predictors into clinical decision-making requires a paradigm shift based on evidence of their benefit-risk (clinical utility) and value (cost-effectiveness). To facilitate this paradigm shift, we propose to incorporate genetic information with environmental and clinical predictors to help develop patient-focused and population-based preventive and guidelines for "Personalized Antithrombotic Therapy (PAT)."
- **Tran Tran (PI)**: Funded by NACDS Foundation. This project will address the ongoing opioid crisis by infusing comprehensive educational programming into the student curriculum through the incorporation of a patient-centered education model and state-of-the art clinical simulation center to promote better pain management, detection of opioid misuse and treatment of overdose.

Publications

- Albright KC, Boehme AK, Tanner RM, Blackburn J, Howard G, Howard VJ, Safford M, Beasley TM, **Limdi N**. Addressing stroke risk factors in black and white Americans: findings from the National Health and Nutrition Examination Survey, 2009-2010. *Ethn Dis* 2016;26:9-16.

- Gutierrez OM, Judd Se, Irvin MR, Zhi D, **Limdi N**, Palmer ND, Rich SS, Sale MM, Freedman BI. APOL1 nephropathy risk variants are associated with altered high-density lipoprotein profiles in African Americans. *Nephrol Dial Transplant* 2016;31:602-8.
- **Limdi NA**, Howard VJ, Higginbotham J, Parton J, Safford MM, Howard G. US mortality: influence of race, geography and cardiovascular risk among participants in the population-based REGARDS cohort. *J Racial Ethn Health Disparities* 2016:1-9. In press.
- Aronis KN, Thigpen JL, Tripodis Y, Dillon C, Forster K, Henault L, Quinn EK, Berger PB, **Limdi NA**, Hylek EM. Paroxysmal atrial fibrillation and the hazards of under-treatment. *Int J Cardiol* 2016;202:214-20.
- Ather S, Shendre AD, Beasley TM, Brown TM, Hill CE, Prabhu SD, **Limdi NA**. Effect of left ventricular systolic dysfunction on warfarin dose. *Am J Cardiol* 2016;118:232-6.
- French B, Wang L, Gage BF, Horenstein MD, **Limdi NA**, Kimmel SE. A systematic analysis and comparison of warfarin dosing algorithms. *Pharmacogenet Pharmacogenom* 2016. In press.
- Hillegass WB, **Limdi NA**. Valvular heart disease and acquired type 2a von Willebrand syndrome: the “hemostatic” waring blender syndrome. *JAMA Cardiol* 2016;1:205.
- O’Neal WT, Judd SE, **Limdi NA**, McIntyre WF, Kleindorfer DO, Cushman M, Howard VJ, Howard G, Soliman EZ. Differential impact of risk factors in blacks and whites in the development of atrial fibrillation: the reasons for geographic and racial differences in stroke study. *J Racial Ethn Health Disparities* 2016. In press.
- Shendre A, Brown TM, Liu N, Hill CE, Beasley TM, Nickerson DA, **Limdi NA**. Race-specific influence of CYP4F2 on dose and risk of hemorrhage among warfarin users. *Pharmacotherapy* 2016;36:263-72.
- Tuteja S, **Limdi NA**. Pharmacogenetics in cardiovascular medicine. *Curr Genet Med Rep* 2016. In press.
- **Meaney CJ**. Belatacept and long-term outcomes in kidney transplantation [correspondence]. *N Engl J Med* 2016;374:2598.
- **Nguyen T**. Keeping up with safety warnings of oral antidiabetic drugs. *J Nurse Pract* 2016;12:61-2.
- **Nguyen T**. Vitamin D and vitamin D analogs. *J Nurse Pract* 2016;12:208-9.
- **Nguyen T**, Pham D, Huynh T. Phosphate binder choices used in ESRD patients. *Nephrol News Issues* 2016 July:37-8.
- Wang A, **Nguyen T**, et al. Roles of aldosterone receptor antagonists in heart failure, hypertension, and chronic kidney disease. *J Nurse Pract* 2016;12:201-6.
- **Onor IO**, Piazza ME, Khashan MF, Walvekar SR, Guillory SG. *Mycobacterium kansasii*: a rare cause of brain abscess. *Am J Med Sci* 2016. Accepted May 24, 2016. Published online: June 24, 2016.
- **Schwenk MH, Pai AB**. Drug transporter function—implications in CKD. *Adv Chronic Kidney Dis* 2016;23:76-81.
- Hui-Yuen JS, **Tran T**, Taylor J, Truong K, Li X, Bermudez LM, Starr AJ, Eichenfield AH, Imundo LF, Askanase AD. Use of glucuronidated mycophenolic acid levels for therapeutic monitoring in pediatric lupus nephritis patients. *J Clin Rheumatol* 2016;22:75-9.

New Fellows

- **Nita Limdi**: Fellow of the American Heart Association

Other Notable Achievements

- **Nita Limdi**: Became a 2016–2017 Executive Leadership in Academic Medicine (ELAM) Fellow. This is an intensive 1-year fellowship of leadership training with extensive coaching, networking and mentoring opportunities aimed at expanding the national pool of qualified women candidates for leadership in academic medicine.
- **Wendy St. Peter** and Harold Manley are members of a Kidney Care Quality Alliance (KCQA) Measure Feasibility and Testing Workgroup that met regularly in fall 2015 and winter 2016. The workgroup recommended a new quality measure on Medication Reconciliation for patients receiving care at dialysis facilities. The National Quality Forum (NQF) Patient Safety Standing Committee recently voted to recommend the measure for endorsement. The NQF staff will prepare a report for public comment. After receiving public input, the measure will be voted on by NQF members. If recommended, the next step is endorsement and ratification by the Consensus Standards Committee/ NQF Board. We will not know for sure until late in the year whether we’ll have a new quality measure on this, but this was good news!

Pain and Palliative Care PRN

Promotions and Appointments

- **Nakia A. Duncan:** UT Southwestern Medical Center as part of the new palliative care consult service
- **Jeffrey Fudin:**
 - Director-at-large for the 2016–2017 American Academy of Pain Medicine Foundation Board of Directors
 - Appointed to taskforce for “Eligible Professional Electronic Clinical Quality Measures, Potential Opioid Overuse Expert Work Group. A Diverse, Multistakeholder Body for EWG,” representing a range of clinical and governmental perspectives
- **Suzanne Nesbit:** Appointed to the Joint Commission Technical Advisory Panel to review the current pain standards

Awards

- **Jacqueline H. Cleary:** 2016 PAINWeek 2016 Scholarship Recipient
- **Jayne Pawasauskas:** 2016 PAINWeek 2016 Scholarship Recipient

Publications

- Portenoy RK, **Ahmed E**, Lesage P. Management of pain. In: Chi D, Berchuck A, Dizon DS, et al., eds. *Gynecologic Oncology: Principles and Practice*. New York: Wolters Kluwer, 2016. In press.
- **Atkinson TJ**, Pratt Cleary J, Fudin J. 10 pain medication myths: challenges in selecting the appropriate analgesic. *Pract Pain Manag* 2016;5:63-70.
- Rennick A, **Atkinson TJ**, Cimino NM, Strassels SA, **McPherson ML**, **Fudin J**. Variability in opioid equivalence calculations. *Pain Med* 2016;17:892-8.
- **Bettinger JJ**, Cleary JP, **Fudin J**. What is the difference between Zohydro and Hysingla—hydrocodone extended release agents? *Pract Pain Manag* 2016;16:16-9.
- **DiScala SL**, Onofrio S, Miller M, Nazario M, Silverman M. Integration of a clinical pharmacist into an interdisciplinary palliative care outpatient clinic. *Am J Hosp Palliat Care* 2016 Jul 14. [Epub ahead of print]
- **DiScala SL**, Tran NN, Silverman MA. Valproic acid suppositories for management of seizures for geriatric patients. *Consult Pharm* 2016;31:313-9.
- **Fudin J**. Transdermal fentanyl calculations. *Pract Pain Manag* 2016;16:14-5.

- **Fudin J**, Pratt Cleary J, Schatman ME. The MEDD myth: the impact of pseudoscience on pain research and prescribing-guideline development. *J Pain Res* 2016;9:153-6.
- **Fudin J, Raouf M**. Quit stigmatizing naloxone. *Drug Top* 2016;7-8.
- Boglish P, **Fudin J**. As the expert: is tapentadol a glorified tramadol? *Pract Pain Manag* 2016;16:19-20.
- Cleary JP, **Fudin J**. Response to: Letters to the Editor: naloxone, opioid tolerance, polyarthropathy. *Pract Pain Manag* 2016;16:6.
- Gudin J, **Fudin J**, Nalamachu S. Levorphanol use: past, present and future. *Postgrad Med* 2016;128:46-53.
- Kominek C, Brooks A, **Fudin J**. The forgotten opioid: could levorphanol levitate above methadone misadventure? *PAINWeek J* 2016;4:28-34.
- Schatman M, **Fudin J**. The myth of morphine equivalent daily dosage. *Medscape* 2016 May. www.medscape.com/viewarticle/863477.
- **Raouf M, Fudin J**. A review of skeletal muscle relaxants for pain management. *Pract Pain Manag* 2016;16:42-60, 72.
- Onofrio S, **Vartan CM**, Nazario M, **DiScala SL**, Cuevas-Trisan R, Melendez-Benabe J. The use of transdermal buprenorphine in complex regional pain syndrome: a report of two cases. *J Pain Palliat Care Pharmacother* 2016;30:124-7.

New ACCP Fellows

- **Suzanne Nesbit**

Other Notable Achievements

- **Nakia A. Duncan:** Board Certified Pharmacotherapy Specialist (BCPS)

Poster Presentations

- **Ahmed E**. Providing pharmacy services to help improve pharmaceutical care in an underserved community in Antigua, Guatemala. Research Day. St. John's University; April 2016; Queens, NY.
- Cleary JP, **Fudin J, Raouf M**, Nguyen U. Veteran's hospital automated software platform to access pre-validated risk for opioid-induced respiratory depression to qualify patients for in-home naloxone. Poster No. 41. Presented at: International Conference on Opioids at Harvard; Joseph B. Martin Conference Center at Harvard Medical School; June 6, 2016; Boston, MA.

- **Pawasauskas J, Gill C, Facente M, Kelley M.** Use of sliding scale pain protocols is superior to traditional prescribing for acute pain management. Presented at: American Society of Health-System Pharmacists (ASHP) Summer Meeting; 2016; Baltimore, MD.

Presentations

Ebtesam Ahmed:

- Academic invitation: palliative care visiting scholar. Baheya Foundation; June 2016; Cairo, Egypt.
- Cancer pain management in Guatemala. Liga Nacional Contra Cancer Guatemala; May 2016; Guatemala City, Guatemala.
- Clinical pharmacy services in the United States, clinical pharmacy from theory to practice. Clinical Pharmacy Conference sponsored by Pfizer; May 2016; Alexandria, Egypt.
- Clinical Pharmacy Workshop. Department of Clinical Oncology and Nuclear Medicine Kasr Al Aini Cairo University Annual Conference (NMEROCK); May 2016; Cairo, Egypt.
- Ethics of cancer research. Baheya Foundation; April 2016; Cairo, Egypt.
- Optimizing the management of chronic cancer pain: stepping up to the challenge. Pharmacist Training Symposium, Misr International University; April 2016; Cairo, Egypt.
- Palliative care needs of cancer survivors. Zagazig University Clinical Oncology Department Conference Annual Conference; May 2016; Cairo, Egypt.
- Pharmacological management of cancer anorexia cachexia syndrome. Department of Clinical Oncology and Nuclear Medicine Kasr Al Aini Cairo University Annual Conference (NMEROCK); March 2016; Cairo, Egypt.
- Recent advances in the prevention and treatment of chemotherapy induced nausea and vomiting (CINV) integrating targets in oncology; a perspective on palliative, supportive care and beyond. Misr International University Annual Oncology Conference; April 2016; Cairo, Egypt.
- Scientific Publishing Workshop. Department of Clinical Oncology and Nuclear Medicine Kasr Al Aini Cairo University Annual Conference (NMEROCK). March 2016; Cairo, Egypt.
- Vaccines to immunocompromised patients & their household contacts? Zagazig University Clinical Oncology Department Conference Annual Conference; May 2016; Cairo, Egypt.

- Venous thromboembolism in cancer patients. National Cancer Institute; April 2016; Cairo, Egypt.

Jeffrey Fudin:

- Addressing comorbid sleep disorders and psychiatric disorders. American Academy of Pain Medicine 32nd Annual Meeting with Drs. Michael Brennan and Martin Chartle, Palm Springs Convention Center; February 19, 2016; Palm Springs, CA.
- Clinical dialogues: what is the role of buprenorphine in chronic pain? American Academy of Pain Medicine 32nd Annual Meeting with Drs. Jeffrey Gudin and Richard Rauck, Palm Springs Convention Center; February 20, 2016; Palm Springs, CA.
- Clinical dialogues: what is the role of buprenorphine in chronic pain? American Pain Society Annual Meeting with Drs. Jeffrey Gudin and Richard Rauck, Austin Convention Center; May 13, 2016; Austin, TX.
- FDA NSAID safety update and pain management options. American Association of Nurse Practitioners National Conference at the Henry B. Gonzalez Convention Center; June 22, 2016; San Antonio, TX.
- Opioid therapy and pharmacotherapeutic challenges facing pharmacists; a clear role for clinical expertise and collaboration. American Medicaid Pharmacy Administrators Association, Marriott Marquis; June 27, 2016; New York, NY.
- Pain management opioids: risks and pharmacological management of chronic pain. VISA 3 hot topics and innovations in primary care. James J. Peters VA Medical Center; June 3, 2016; Bronx, NY.
- Pharmacogenomics. New York State Society of Addiction Medicine (NYSAM) 12th Annual Intersection of Science, Treatment and Policy Conference, Crowne Plaza Times Square Hotel; February 6, 2016; New York, NY.
- Pharmacogenetics in pain management. Presented at: NYS Pain Society Annual Meeting, Renaissance Westchester Hotel; April 2, 2016; West Harrison, NY.
- Point/counterpoint: opioids, overdoses, and pain management. American Pharmacists Association (APhA) 2016 Annual Meeting and Exposition with Drs. Christopher Herndon and Anthony Tommasello, Baltimore Convention Center; March 5, 2016; Baltimore, MD.
- Recommendations on initiating prescription therapies for opioid-induced constipation. Presented with: Argoff C, Camilleri M, Snodgrass B. American Academy of Pain Medicine Webinar Parts I and II; January 13 and 21, 2016.

- Resisting temptation: can abuse-deterrent formulations curb opioid abuse? American Pharmacists Association (APhA) 2016 Annual Meeting and Exposition with Dr. Shellie Keast, Baltimore Convention Center; March 5, 2016; Baltimore, MD.
- Teaming up for safer pain management strategies. American Pharmacists Association (APhA) 2016 Annual Meeting and Exposition with Dr. Lynn Webster, Baltimore Convention Center; March 6, 2016; Baltimore, MD.

Pediatrics PRN

Introduction

This has been a busy spring and summer for the PRN membership, as the PRN has several new services and many member accomplishments. The PRN is excited to announce the results of its PRN officer election. Rebecca Pettit is the president-elect, and Jennifer Hamner is the new secretary/treasurer. Kalen Manasco will transition to the chair position, and the PRN looks forward to another great year. The PRN also wants to say a big thank-you to its secretary/treasurer, Jim Thigpen, for his service as the PRN's secretary/treasurer. The PRN currently has 1074 members, 461 of whom are fellows, residents, or students. This is an increase in trainee memberships, so the PRN looks forward to continuing this growth and future of pediatric pharmacy. The PRN wishes to continue its growth and can do this best by serving its members and providing opportunities, outlined below, for each of you to get involved.

The Research Committee, led by Bob John and Hanna Phan, has been working with the ACCP Research Institute to develop the Pediatrics PRN's first PBRN project, thanks to Pediatrics PRN member Varsha Mehta. This project will describe the degree to which pediatric anticoagulation practices vary in the United States and the factors influencing potential variation. Before developing the study protocol, the PBRN will first conduct a preparatory-to-research activity to demonstrate whether the patient-level data needed for this study can be collected within the network. To complete this, an invitation was sent out to the PRN membership, seeking up to 10 clinical pharmacists who are willing to participate in this preparatory-to-research activity. Interested individuals must be members of the ACCP Pediatrics PRN and active team members of the inpatient anticoagulation team at their institutions and must agree to conduct a retrospective chart review of 10 pediatric patients who received enoxaparin in the treatment of DVT within their respective inpatient pediatric settings. If you are interested in participating, please e-mail the PBRN's project coordinator, Jessie Culley (jculley@accp.com), or call (913) 492-3311. In addition to project development, the committee is developing a new

poster rounds program for new practitioners, residents, and students during the 2016 Annual Meeting. This program will help them further develop skills in research development and evaluation. Watch for opportunities to serve as a poster rounds mentor in the PRN e-mail list; this will be a great way to serve and help foster future pediatric pharmacists.

The Travel Award Committee, under the direction of Elizabeth Farrington, is currently reviewing the student and resident travel awards. In addition, committee members will brainstorm on how to increase the number of applicants. Find the committee at the Annual Meeting if you have some great ideas.

The Nominations Committee successfully worked with the ACCP staff to finalize the officer nomination and election process for 2017–2018. In addition to this, the committee has been working on the criteria for two new awards for Pediatrics PRN members, beginning in 2017. Specific details about these awards will be discussed with the membership at the Annual Meeting.

The Social Media Committee is one of the PRN's most active committees, and it needs a dynamic team to match. If you are interested in keeping the PRN's membership up to date and increasing its web presence, contact Chephra McKee (chephra.mckee@tuhsc.edu); she will transition to chair of the committee this fall. Make sure to follow the PRN on Twitter (@accppediprn) and Facebook. Also, be looking for more updates to the PRN's website.

The Education Committee created and delivered the first Pediatrics PRN journal club this past May, with over 80 attendees. Drs. Zachary Thompson and Kelsey Fink from Kentucky Children's Hospital and Hillcrest Hospital, respectively, were the first presenters of this annual webinar. In addition, the committee has been working toward its Pediatrics PRN focus session for the 2016 ACCP Annual Meeting. This year's session is titled "Best Practices for Pharmacokinetics and Pediatric Dosing Strategies" with two interactive presentations: "Ahead of the Curve! Optimizing Vancomycin Dosing with Pharmacokinetic Modeling" and "Tipping the Scales: Pediatric Obesity and Its Implications for Drug Dosing."

PRN members look forward to the continued growth of the PRN's committees and membership and hope to see many of you at the Annual Meeting!

Promotions

- **Hanna Phan:** Associate Professor, Department of Pharmacy Practice and Science, College of Pharmacy; Associate Professor, Department of Pediatrics, College of Medicine (July 2016)
- **Mary Subramanian:** Practice Lead – Pediatrics, PGY2 Pediatric Residency Director

Awards

- **Marcia Buck:** 2016 Distinguished Alumni for the Purdue School of Pharmacy
- **Edmund Capparelli:** 2016 Award of Excellence in Research, Rady Children's Hospital-San Diego
- **Fancy Manton:** Louisiana Society of Health-System Pharmacists (LSHP) Outstanding Pharmacist Award
- **Lucas Okumura:** Best clinical pharmacy experience (Clinical Pharmacy Symposium from the State Board of Pharmacy, Rio Grande do Sul/Brazil)
- **Hanna Phan:** Theodore G. Tong Distinguished Leadership and Service Award, University of Arizona, College of Pharmacy (May 2016)

Grants

- **Edmund Capparelli:** NICHD T32 Postdoctoral Training Grant in Pediatric Pharmacology (role: PI); NICHD Research in Pediatric and Developmental Pharmacology-U54 (role: Co-PI); NIDDK T32 Postdoctoral Training Grant in Nephrology (Co-I)
- **Lucas Okumura:** \$10,000 for developing a Project for Chronic Myeloid Leukemia Ambulatory Care
- **Hanna Phan:** PI, Small Rural Research Grant. Project: "Perspectives of Rural and Non-rural Community Pharmacists in Pediatric Dosing and Recommendations." University of Arizona Rural Health Professions Program, Arizona Area Health Education Center, \$2042 (July 2016)

Publications

- Hornik C, Cohen-Wolkowicz M, Smith PB, **Capparelli EV**, Pencia M, Tremoulet A, Benjamin D. Electronic health records and pharmacokinetic modeling to assess the relationship between ampicillin exposure and seizure risk in neonates. *J Pediatr* 2016 Aug 10. [Epub ahead of print]
- Lam LH, **Capparelli EV**, Kurzrock R. Association of concurrent acid-suppression therapy with survival outcomes and adverse event incidence in oncology patients receiving erlotinib. *Cancer Chemother Pharmacol* 2016;78:427-32.
- Momper J, **Capparelli EV**, Wade K, Kantak A, Dhanireddy R, Cummings J, NedreLOW J, Hudak M, Mundakel G, Natajaran G, Gao J, Laughon M, Smith PB, Benjamin D. Population pharmacokinetics of fluconazole in premature infants less than 750 grams birth weight. *Antimicrob Agents Chemother* 2016 Jul. [Epub ahead of print]
- Mulligan N, Schalkwijk S, Best BM, Colbers A, Wang J, **Capparelli EV**, Moltó J, Stek AM, Taylor G, Smith E, Hidalgo-Tenorio C, Chakhtoura N, van

Kasteren A, Fletcher CV, Mirochnick M, Burger D. Etravirine pharmacokinetics in HIV-infected pregnant women. *Front Pharmacol* 2016;7:239.

- Shoji K, Bradley JS, Reed MD, van den Anker JN, Domonoske C, **Capparelli EV**. Population pharmacokinetic assessment and pharmacodynamic implications of pediatric cefepime dosing for susceptible dose-dependent (SDD) organisms. *Antimicrob Agents Chemother* 2016;60:2150-6.
- Tran A, Best BM, Stek A, Wang J, **Capparelli EV**, Burchett SK, Kreitchmann R, Rungruengthanakit K, George K, Cressey TR, Chakhtoura N, Smith E, Shapiro DE, Mirochnick M; for the IMPAACT P1026s Protocol Team. Pharmacokinetics of rilpivirine in HIV-infected pregnant women. *J Acquir Immune Defic Syndr* 2016 Feb 25. [Epub ahead of print]
- **Cober MP**. Repackaging of intravenous fat emulsions: a clinical conundrum. *Nutr Clin Pract* 2016 Aug 12. [Epub ahead of print]
- Love BL, Mann JR, Hardin JW, Lu ZK, **Cox CL**, Amrol DJ. Antibiotic prescription and food allergy in young children. *Allergy Asthma Clin Immunol* 2016;12:41.
- **Okumura LM**. Protease inhibitors and azolic antifungals in HIV patients with histoplasmosis: a clinical pharmacokinetics perspective. *Braz J Infect Dis* 2016;20:405.
- **Okumura LM**. Beyond current aprepitant evidence: room for improvement on dose selection and chemotherapy-induced nausea and vomiting risk factors. *Support Care Cancer* 2016;24:1009-10.
- **Okumura LM**, Riveros BS, Gomes-da-Silva MM, Veroneze I. A cost-effectiveness analysis of two different antimicrobial stewardship programs. *Braz J Infect Dis* 2016;20:255-61.
- **Okumura LM**, Riveros BS, Gomes-da-Silva MM, Veroneze I. Strategies of hospital antimicrobial stewardship associated with different health outcomes. *Lancet Infect Dis* 2016;16:999-1000.
- **Okumura LM**, Veroneze I, Burgardt CI, Fragosó MF. Effects of a computerized provider order entry and a clinical decision support system to improve cefazolin use in surgical prophylaxis: a cost saving analysis. *Pharm Pract* 2016;14:717.

New ACCP Fellows

- **Hanna Phan**

Other Notable Achievements

- **Andrew Gainey:** PGY2 Pediatric Pharmacy Residency Director at Palmetto Health Children's Hospital in Columbia, South Carolina
- **David Hoff:** President-Elect for the Pediatric Pharmacy Advocacy Group (PPAG); Fellow, PPAG (April 2016)
- **Fancy Manton:** Concluded her 3-year commitment as President-Elect, President, and Immediate Past President of LSHP. As LSHP president, she began a New Practitioners Committee. She also served as Residency Program Director and began a PGY1 Pharmacy Practice Residency Program this year.
- **Hanna Phan:** Appointed to serve (3-year term) on the Cystic Fibrosis Foundation Education Committee (start October 2016)
- **Mary Soliman:** Florida consultant pharmacist licensure and Board Certified Pediatric Pharmacy Specialist (BCPPS) certification
- **Mary Subramanian:** Board Certified Pediatric Pharmacy Specialist (BCPPS)

Perioperative Care PRN

Introduction

The Perioperative Care PRN was established in October 2014 to provide education and resources related to the overall treatment of perioperative patients, address the regulatory requirements imposed by accrediting bodies, and provide a place for members to discuss complicated perioperative patients and seek input and recommendations on care.

The ACCP Perioperative Care PRN strives to address common concerns associated with pre-, inter-, and postoperative phases of care as they relate to patient-specific parameters (age, sex, and comorbid conditions) and medical severity. The scope of this network includes addressing underlying disease processes and progression, successfully managing sedation and pain, identifying alterations in drug disposition (administration, absorption, distribution, metabolism, and excretion), and using evidence-based medicine to evaluate and minimize surgical complications. The goal of this network is to incorporate interdisciplinary collaboration through academia, research, and practice development while ensuring the safe and effective perioperative management of all patient populations.

The ACCP Perioperative Care PRN encourages members to interact through the e-mail list and the ACCP Perioperative Care PRN Facebook group available at www.facebook.com/#!/groups/742181659164330/. The Perioperative Care PRN will host the PRN's business

meeting on Monday, October 24, and will cohost a joint focus session with the Pain and Palliative Care PRN titled "Clinical Pearls: Best Practices in Perioperative Multimodal Pain Management" on Tuesday, October 25, at the 2016 ACCP Annual Meeting in Hollywood, Florida. The general goals of the symposium are to provide a series of clinical pearls addressing areas of controversy or limited clinical information related to multimodality pain management in the perioperative period. The topics included will address the controversy of efficacy and cost of intravenous acetaminophen, the role of ketamine as a potential first-line perioperative analgesic, and the role and timing of adjunctive therapy with gabapentinoids or topical analgesic/anesthetic agents. This program will use both didactic teaching and case studies to educate the audience. All ACCP members are encouraged to join PRN members at the business meeting and focus session in Hollywood, Florida.

Fellowship Induction at the 2017 Society of Critical Care Medicine (SCCM) Congress

- **Gourang Patel:** Pharmacy Supervisor-Adult Critical Care and Perioperative Area, Rush Medical Center and Rush University Medical Center, Chicago, Illinois

Awards

Stacey Ann Bortlik-Hodgson:

- Recognized for preventing a medication safety error at the 2016 UF Health Quality Heroes Recognition Dinner
- Received Certificate of Appreciation from the U.S. District Court, Northern District of Florida, for 1 full year of active service as a federal grand juror and for the conscientious performance of an import duty of American Citizenship

Publications

- Anderson RL, **Birrer KL**, Liu-DeRyke X. Haloperidol use in patients with acute traumatic brain injury: a safety analysis. *J Intensive Crit Care* 2016;2:2. <http://criticalcare.imedpub.com/haloperidol-use-in-acute-traumatic-brain-injury-a-safety-analysis.pdf>
- **Giancarelli A**, Liu-DeRyke X, **Birrer K**, Hobbs B, Alban R. The incidence of hypocalcemia in trauma patients receiving massive transfusion protocol. *J Surg Res* 2016;202:182-7.

Other Notable Achievements

- **Kara L. Birrer:** Perioperative Care PRN Chair (2016–2017)

- **Stacey Ann Bortlik-Hodgson:** Completed a Medication Therapy Management course and received her MTM certificate of completion
- **Marian Gaviola:** Perioperative Care PRN Secretary (2016–2017)
- **Amanda Giancarelli:** Perioperative Care PRN Treasurer (2016–2017)
- **Lela C. King:** Retired from active duty from the U.S. Army after 24 years of military service
- **Richard H. Parrish II:** Perioperative Care PRN Chair-Elect (2016–2017); Chair (2017–2018)

Pharmaceutical Industry PRN

Publications

- **Smith AN.** Pancreatitis. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2016 Book 2. GI/Fluids and Nutrition.* Lenexa, KS: American College of Clinical Pharmacy, 2016.

Notable Achievements

- **April Smith:** Novo Nordisk Speakers Bureau (Chronic Weight Management; Saxenda®)

Promotions

- **Jason Enders:** Midwest Regional Director, Multiple Sclerosis Medical Science Liaisons at Sanofi Genzyme – August 2016

Pharmacokinetics/Pharmacodynamics/Pharmacogenetics PRN

Publications

- **Caudle KE, Dunnenberger HM,** Freimuth RR, Peterson JF, Burlison JD, Whirl-Carrillo M, Scott SA, Rehm HL, Williams MS, Klein TE, Relling MV, Hoffman JM. Standardizing terms for clinical pharmacogenetic test results: consensus terms from the Clinical Pharmacogenetics Implementation Consortium (CPIC). *Genet Med* 2016 Jul 21. [Epub ahead of print]
- Kalman LV, Agúndez JA, Appell ML, Black JL, Bell GC, Boukouvala S, Bruckner C, Bruford E, Bruckner C, **Caudle KE,** Coulthard S, Daly AK, Del Tredici AL, den Dunnen JT, Drozda K, Everts R, Flockhart D, Freimuth R, Gaedigk A, Hachad H, Hartshorne T, Ingelman-Sundberg M, Klein TE, Lauschke VM, Maglott DR, McLeod HL, McMillin GA, Meyer UA, Müller DJ, Nickerson DA, Oetting WS, Pacanowski M, Pratt VM, Relling MV, Roberts A, Rubinstein WS, Sangkuhl K, Schwab M, Scott SA, Sim SC, Thirumaran RK, Toji LH, Tyndale R,

van Schaik RH, Whirl-Carrillo M, Yeo KJ, Zanger UM. Pharmacogenetic allele nomenclature: international workgroup recommendations for test result reporting. *Clin Pharmacol Ther* 2016;99:172-85.

- Saito Y, Stamp LK, **Caudle KE,** Hershfield MS, McDonagh EM, Callaghan JT, Tassaneeyakul W, Mushiroda T, Kamatani N, Goldspiel BR, Phillips EJ, Klein TE, Lee M. Clinical Pharmacogenetics Implementation Consortium (CPIC) guidelines for human leukocyte antigen B (HLA-B) genotype and allopurinol dosing: 2015 update. *Clin Pharmacol Ther* 2016;99:36-7.
- Hoffman JM, **Dunnenberger HM,** Kevin Hicks J, **Caudle KE,** Whirl Carrillo M, Freimuth RR, Williams MS, Klein TE, Peterson JF. Developing knowledge resources to support precision medicine: principles from the Clinical Pharmacogenetics Implementation Consortium (CPIC). *Am Med Inform Assoc* 2016;23:796-801.
- **Ensom MHH.** Paving the way and passing the torch. *Can J Hosp Pharm* 2016;69:105.
- **Ensom MHH,** Decarie D. Stability of extemporaneously compounded trimethoprim in glass and plastic bottles and plastic syringes. *Can J Hosp Pharm* 2016;69:171-3.
- **Ensom MHH,** Decarie D. Dexamethasone 1 mg/mL suspension prepared with crushed tablets: stability in glass and plastic bottles and plastic syringes. *Can J Hosp Pharm* 2016;69:49-51.
- Houlihan S, Decarie D, Benes C, Cleve R, Vidler M, Magee LA, **Ensom MHH,** von Dadelszen P. Magnocaine, a new take on an old drug for pre-eclampsia: physical compatibility and chemical stability of magnesium sulphate and lidocaine hydrochloride in pre-filled syringes. *J Obstet Gynaecol Can* 2016 June 29. Online first.
- LeBras M, Chow I, Mabasa VH, **Ensom MHH.** Systematic review of efficacy, pharmacokinetics, and administration of intraventricular aminoglycosides in adults. *Neurocrit Care.* Online first April 4, 2016:1-16.
- Lo EAG, Law LSC, **Ensom MHH.** Why does a high extraction ratio drug given orally behave like a low extraction ratio drug? – an intuitive explanation. *UBC PSSJ* 2016;3:27-30.
- **Gammal RS,** Court MH, Haidar CE, Iwuchukwu OF, Gaur AH, Alvarellos M, Guillemette C, Lennox JL, Whirl-Carrillo M, Brummel S, Ratain MJ, Klein TE, Schackman BR, **Caudle KE,** Haas DW. Clinical Pharmacogenetics Implementation Consortium (CPIC) guideline for UGT1A1 and atazanavir prescribing. *Clin Pharmacol Ther* 2016;99:363-9.

- **Gammal RS**, Crews KR, Haidar CE, Hoffman JM, Barker P, Estep JH, Cheng C, Broeckel U, Weiss MJ, Relling MV, Hankins J. Pharmacogenetics for safe codeine use in sickle cell disease. *Pediatrics* 2016;138:e20153479.
- **Kiang TKL, Ensom MHH**. A qualitative review on the pharmacokinetics of antibiotics in saliva: implications on clinical pharmacokinetic monitoring in humans. *Clin Pharmacokinet* 2016;55:313-58.
- **Kiang TKL, Ensom MHH**. A comprehensive review on the predictive performance of the Sheiner-Tozer and derivative equations for the correction of phenytoin concentrations. *Ann Pharmacother* 2016;50:311-25.
- **Kiang TKL, Ensom MHH**. Therapeutic drug monitoring of mycophenolate in adult solid organ transplant patients: an update. *Expert Opin Drug Metab Toxicol* 2016;12:545-53.
- **Kiang TKL, Ensom MHH**. Clinically significant drug interactions with opioid analgesics. In: Jann MW, Penzak SR, Cohen LJ, eds. *Applied Clinical Pharmacokinetics and Pharmacodynamics of Psychopharmacological Agents*. New York: Springer, 2016.
- Cheng W, **Kiang TKL**, Bring P, **Ensom MHH**. Predictive performance of the Winter-Tozer and its derivative equations for estimating free phenytoin concentrations in specific patient populations. *Can J Hosp Pharm* 2016;69:269-79.

New ACCP Fellows

- **Keith A. Moore**

Women's Health PRN

New ACCP Fellows

- **Katie McClendon**
- **Abigail Yancey**

Achievements

- **Kassandra Bartelme**, Sally Rafie, Kayce Shealy, Nicole Lodise, Rebecca Stone, and Veronica Vernon: PRN project: the Women's Health PRN members and accomplishments. Poster accepted for ACCP Annual Meeting
- **Caitlin Leach**: Matriculated into the M.S. degree program in Women's and Gender Studies at Towson University (Towson, Maryland)

Presentations

Kathy Vest:

- Getting into the (work) flow – extending the role of students to help them help you. American Society of Health-System Pharmacists (ASHP) National Pharmacy Preceptors Conference (NPPC); August 13, 2016.
- Plan, do, study, and act: get your students involved in your research! Preceptor pearl presented at: ASHP NPPC; August 13, 2016.

Grants

- **Brooke Griffin**: Midwestern University 2016 Multidisciplinary Stimulus Research Award, Classifying and Overcoming the Risk of Fetal and Maternal Vancomycin-Induced Kidney Injury: A Rat Model to Understand and New Formulation to Circumvent

Publications

- **Bartelme KM**, Brown MC. Development and evaluation of students' skills critiquing clinical documentation. *Inov Pharm* 2016;7:Article 12. <http://pubs.lib.umn.edu/innovations/vol7/iss1/12>
- **Briggs G**. *Drugs in Pregnancy and Lactation*, 11th ed., sent to the publisher for expected release in 2017
- **Butler MG**, Zhou E, Zhang F, Wu Y, Wu AC, Levenson M, Wu P, Seymour S, Toh D, Iyasu S, Baker M. Changing patterns of asthma medication use related to FDA LABA regulations 2005-2011. *J Allergy Clin Immunol* 2016;137:710-7.
- Lafata JE, Karter AJ, O'Connor PJ, Morris H, Schmittiel JA, Ratliff S, Newton KM, Raebel MA, Pathak RD, Thomas A, **Butler MG**, Reynolds K, Waitzfelder B, Steiner JF. Medication adherence does not explain black-white differences in cardio-metabolic risk factor control among Insured patients with diabetes. *J Gen Intern Med* 2016;31:188-95.
- Murphy MV, Du DT, Hua W, Cortez KJ, **Butler MG**, Davis RL, DeCoster TA, Johnson L, Li L, Nakasato C, Nordin JD, Ramesh M, Schum M, Von Worley A, Zinderman C, Platt R, Klompas M. Risk factors for surgical site infections following anterior cruciate ligament reconstruction. Risk factors for surgical site infections following anterior cruciate ligament reconstruction. *Infect Control Hosp Epidemiol* 2016;37:827-33.
- Wu AC, Li L, Fung V, Kharbanda EO, Larkin EK, **Butler MG**, Galbraith A, Miroshnik I, Davis RL, Horan K, Lieu TA. Mismatching among guidelines,

providers, and parents on controller medication use in children with asthma. *JACI Pract* 2016 May 6. [Epub ahead of print]

- **Leach C**, Bishop B. Pharmacotherapy considerations in the management of transgender patients: an alternative viewpoint. *Pharmacotherapy* 2016;36:e28-9.
- **Leach C**, Layson-Wolf C. Survey of community pharmacy residents' perceptions of transgender health management. *J Am Pharm Assoc* (2003). 2016;56:441-5.

RESEARCH INSTITUTE UPDATE

ACCP Research Institute Fall 2016 PRN Report



We want to share a quick update on select programs, activities, and successes of the Research Institute.

We also invite you to visit our website (www.accpri.org) for updates and

program announcements. Thank you for supporting the ACCP Research Institute.

Who Joins the ACCP PBRN?

Do you routinely provide direct patient care? Do you often ponder an “I wonder” clinical question? Would you like to participate in collaborative clinical research? The ACCP Practice-Based Research Network (PBRN) may be the perfect solution. The PBRN is an ever-growing group of clinical pharmacists who practice in a variety of settings from all 50 states. The PBRN affords clinicians the ability to conveniently and expeditiously pool patient care experiences into large-enough samples to answer important clinical questions.

The ACCP PBRN continues to grow since its launch in February 2009. We have over 1000 members to date, including members who belong to existing PRNs and whose data are shown below. Whether you are a clinician who desires to contribute to network research studies, an investigator who wants to lead a collaborative project with the network, or both, we encourage you to join us and get involved in *your* network!

| | |
|-----|-------------------------|
| 237 | Ambulatory Care |
| 113 | Cardiology |
| 23 | Central Nervous System |
| 32 | Clinical Administration |

| | |
|-----|--|
| 122 | Critical Care |
| 8 | Drug Information |
| 92 | Education and Training |
| 34 | Emergency Medicine |
| 46 | Endocrine and Metabolism |
| 39 | Geriatrics |
| 27 | GI/Liver/Nutrition PRN |
| 17 | Global Health |
| 28 | Health Outcomes |
| 49 | Hematology/Oncology |
| 18 | HIV |
| 47 | Immunology/Transplantation |
| 121 | Infectious Diseases |
| 27 | Nephrology |
| 21 | Pain and Palliative Care |
| 53 | Pediatrics |
| 4 | Perioperative Care |
| 8 | Pharmaceutical Industry |
| 24 | Pharmacokinetics/ Pharmacodynamics/ Pharmacogenomics |
| 21 | Women's Health |

08/31/2016

How Do I Join the ACCP PBRN?

Joining the ACCP PBRN is free to all ACCP members. You can join the PBRN as an individual or as part of an existing network by completing our online registry at www.accpri.org/pbrn/registration.aspx.

What's Going On in the PBRN?

We invite you to browse our "Now Recruiting" and "Ongoing" studies by visiting our website (www.accpri.org/pbrn/researchProjects.aspx) or share your idea for a potential PBRN study at any time (www.accpri.org/pbrn/StudySuggest.aspx). You can also sign up to receive e-mail notifications about future studies.

Calling All Researchers!

The ACCP PBRN is interested in establishing collaborative research efforts with both the ACCP PBRN and other external investigators. If you have a funded project or are applying for funding and are interested in collaborating with the ACCP PBRN, we invite you to complete our Project Concept Description Template at www.accpri.org/pbrn/partner.aspx. Please contact PBRN staff with any questions, or for assistance with developing a clinical question into a PBRN study, at (913) 492-3311 or pbrn@accp.com.

ACCP RI Congratulates 2016 Futures Grants Program Awardees

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

This year, the ACCP RI received 58 applications for its mentored research funding program. Each application was reviewed by an expert panel according to the program's core review criteria. The ACCP RI congratulates the 2016 Futures Grants Program awardees.

Junior Investigator Awards

- Ryan Funk, Pharm.D., Ph.D., University of Kansas (mentor: Susan Abdel-Rahman, Pharm.D.) – Etanercept Trough Level Monitoring and Therapeutic Response in Juvenile Arthritis
- Laura Hart, Pharm.D., University of Washington (mentor: Zachary Marcum, Pharm.D., Ph.D., BCPS) – Evaluating the Association Between Central Nervous System-Active Medications and Falls in Older Adults with Dementia
- Melanie Nicol, Pharm.D., Ph.D., University of Minnesota (mentor: Paul Bohjanen, M.D., Ph.D.) – Role of Exogenous and Endogenous Sex Hormones on Tenofovir and Emtricitabine Disposition in the Female Genital Tract

Student/Resident Awards

- Anne Masich, Pharm.D., University of Maryland (mentor: Jeffrey Gonzales, Pharm.D., FCCM, BCPS, BCCCP) – Vancomycin Pharmacokinetics/Pharmacodynamics in Obese Patients with Sepsis
- Kyle Molina, Midwestern University (mentor: Vanthida Huang, Pharm.D., BSPHarm, FCCP) – Detection of Heterogeneity in Staphylococcus aureus Isolates: Comparing PAP-AUC of Automated vs. Manual Method
- Alexander Prokopenko, Pharm.D., University of Pittsburgh (mentor: Thomas Nolin, Pharm.D., Ph.D., FCCP, FCP, FASN) – Targeted Inhibition of FMO Mediated Formation of TMAO in Kidney Disease: A Pilot Study
- Erika Titus-Lay, Pharm.D., Purdue University (mentor: James Tisdale, Pharm.D., FCCP, FAPhA, FAHA, BCPS) – Methadone-Induced QT Interval Prolongation in a Narcotic Treatment Center: Identifying Patients at Risk and Simplifying ECG Monitoring

The ACCP RI Board of Trustees and staff would also like to express their sincere gratitude to the expert reviewers who served on the Junior Investigator and Student/Resident Award Review committees. Members of the Junior Investigator Award Review Committee were Gary Yee, Pharm.D., FCCP, BCOP (chair); Christina Aquilante, Pharm.D.; William Baker, Pharm.D., FCCP, BCPS; Mariann Churchwell, Pharm.D., BCPS; Rhonda Cooper-DeHoff, Pharm.D., M.S.; Robert DiDomenico, Pharm.D.; Michael Jann, Pharm.D., FCCP, BCPP; Ninh (Irene) La-Beck, Pharm.D.; David Martin, Pharm.D.; Kimberly Scarsi, Pharm.D., M.Sc.; Katie Suda, Pharm.D.; and Meghana Trivedi, Pharm.D., Ph.D., BCOP. Members of the Student/Resident Award Review Committee were Jeffrey Fong, Pharm.D., BCPS (chair); Heather Anderson, Ph.D.; Douglas Boggs, Pharm.D., M.S., BCPP; Paul Gubbins, Pharm.D., FCCP; Judith Smith, Pharm.D., FCCP, BCOP; Sony Tuteja, Pharm.D., M.S., BCPS; Daniel Witt, Pharm.D., FCCP, BCPS; and Barbara Zarowitz, Pharm.D., FCCP, BCPS. For more information about the ACCP RI Futures Grants Program, please visit www.accpri.org/futures/.

Research Institute & Pharmacotherapy Open House at the 2016 Annual Meeting

Tuesday, October 25, 8:00 a.m. – 10:00 a.m.

Please join us for an Open House to learn how to get more involved with the ACCP Research Institute (RI) or *Pharmacotherapy*, the official journal of ACCP.

During the first hour, we will feature presentations from individuals who share their personal testimonials on collaborating as part of the ACCP Practice-Based Research Network (PBRN). During the remainder of the Open House, you will have the opportunity to speak directly with board members and advisory panel members from the RI and *Pharmacotherapy*, specifically about:

1. Developing Manuscripts of Interest – Jerry Bauman and Stuart Haines
2. Serving as a *Pharmacotherapy* Reviewer – James Tisdale
3. Becoming a *Pharmacotherapy* Editorial Board Member – Edith Nutescu
4. Bring Your Questions and Ask the Editor – C. Lindsay DeVane
5. Serving as a Reviewer for Contributed Scientific Abstracts – Denise Rhoney and Alan Zillich
6. Researcher Development: Focused Investigator Training (FIT), Mentored Research Investigator Training (MeRIT), and ACCP Academy Research and Scholarship Certificate – Program Faculty/ Mentors and Mentees
7. Research funding available through the RI Student/ Resident and Junior Investigator Futures Grants – RI Trustees
8. Engaging in the ACCP Practice-Based Research Network (PBRN) as a clinician or researcher – PBRN Community Advisory Panel (CAP)
9. PBRN collaborations and research development experiences and discussion of future opportunities – CAP, PBRN collaborators, and PBRN director

Handouts/Information Available for Pickup:

Promotional flyer for Tuesday morning and afternoon sessions: The Fundamentals of Providing Excellent Manuscript Peer Reviews and Reviewing Abstracts with Excellence

Editorial Board member description

Scientific Editor description

Call for papers

Investigator training brochures

Futures Grants information

Abstract Reviewer information

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

Many PRNs conduct walk-rounds during the Scientific Poster Presentations at ACCP’s Annual Meeting each year. In these walk-rounds, small groups of PRN members move through preselected posters and discuss the presentations’ findings and implications with the authors. This year, the Research Institute (RI) is expanding the

numbers and types of resources it offers to help PRNs plan their walk-rounds at the 2016 ACCP Annual Meeting in Hollywood, Florida. In addition to poster hall maps and poster session schedules, the RI will provide each PRN with a list of posters for which respective PRN members are named as presenting authors or coauthors. For more information on how PRNs can obtain a list of their members’ posters, please contact Shelly Enders (senders@accp.com).

Investigator Development Mentored Research Investigator Training (MeRIT) Program

The Research Institute is pleased to again offer this one-of-a-kind training program designed to assist pharmacists in developing the abilities necessary to conduct investigator-initiated research, either independently as a principal investigator or as an active coinvestigator 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,
- are interested in generating research themes or obtaining preliminary data for larger funding opportunities, and
- aspire to be active principal investigators or coinvestigators within a research team.

MeRIT is a 2-year longitudinal program that uses a combination of live and virtual teaching and mentoring methods to provide trainees with the support and education they need throughout the research experience (i.e., from idea, proposal development, funding application, and project completion to presentation and publication). Be sure to visit the 2015 MeRIT participants’ completed research posters and the 2016 MeRIT participants’ research design posters during the Annual Meeting on Tuesday, 8:00 a.m. – 10:00 a.m., in the Grand Ballroom.

The application period for the 2017 MeRIT Program will open in November 2016, with letters of intent due February 28 and full applications due March 31. The primer program will be held June 26–30, 2017, on the campus of the University of Michigan College of Pharmacy in Ann Arbor, Michigan.

Focused Investigator Training (FIT) Program

The Research Institute’s (RI’s) annual flagship pharmacist investigator training program continues June 26–30, 2017, at the University of Michigan College of Pharmacy, in Ann Arbor, Michigan. If you are preparing to submit (or resubmit) a research proposal to NIH or other major foundation/organization funding source, FIT should be on your agenda.

This 5-day, intensive, hands-on program has a strong history of participant success, as it pairs experienced and funded faculty mentors with investigator-participants. The program is geared to fine-tune R-type investigator-initiated proposals and K-type career development awards. The ideal applicant is a mid-career, fellowship-trained, tenure-track or research-focused pharmacist. The application period for the 2017 FIT Program will open in November 2016, with letters of intent due February 28 and full applications due March 31.

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

More information on the MeRIT and FIT programs is available at the RI’s Open House on Tuesday, October 25, 8:00 a.m. – 10:00 a.m., in Great Hall 5, or on the RI’s website at www.accpri.org/investigator.

WASHINGTON UPDATE

Washington Update

Launching the 2016 ACCP-PAC PRN Challenge

After the success of last year’s PAC fundraising efforts, ACCP is pleased to announce the launch of the [2016 ACCP-PAC PRN Challenge](#).

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

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

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

How the Challenge Works

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

- This year, the challenge will recognize two winners:
 - **The PRN whose members contribute the most money in total**
 - **The PRN with the highest percentage of members who contribute to the PAC**
- ACCP members who belong to several PRNs can make multiple contributions in the name of each PRN, but only one PRN can receive credit for any single contribution.
- Unlike contributions to the Frontiers Fund, ACCP-PAC cannot accept contributions directly from PRNs. All PAC contributions must be made by individuals from personal funds. Because of Federal Election Commission (FEC) regulations, PAC contributions are NOT deductible as charitable donations for federal tax purposes and must be made from personal funds and/or post-tax dollars.
- To qualify for the challenge, PRN members must contribute a minimum of \$5. However, to increase the funds available to give to candidates this election season, we urge PRN members to contribute at least \$25 to this effort.
- The winning PRN will be awarded coveted preferential timeslots for PRN business meetings at the next two ACCP Annual Meetings.
- The results will be announced at the ACCP Annual Meeting in October.
- Please contribute online at www.accpaction.com.

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

More About ACCP-PAC

ACCP-PAC is the only means by which ACCP can provide financial support to help candidates for Congress who understand and support the College’s issues and share its vision of a team-based, patient-centered, quality-driven approach to health care delivery.

ACCP-PAC is nonpartisan and supports candidates regardless of political party affiliation. ACCP-PAC is regulated by the Federal Election Commission (FEC) based in Washington, D.C. The PAC files quarterly FEC reports declaring all PAC receipts and disbursements, which are publicly available at www.fec.gov.

ACCP-PAC Governing Council

ACCP-PAC is member-driven, and the strategic policy decisions—including those related to which candidates receive financial contributions from ACCP-PAC—are made by the PAC Governing Council. The ACCP-PAC Governing Council consists of the following ACCP members:

- Suzanne A. Nesbit: PAC Governing Council President (and past Regent)
- Gary R. Matzke: Treasurer
- Michael S. Maddux, Secretary
- Sara D. Brouse: Member (Sitting Regent)
- Bradley G. Phillips: Member (and past ACCP Treasurer)

Who Receives ACCP-PAC Support?

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

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

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

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

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

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

CMMI's Enhanced MTM Pilot

Earlier in July, ACCP participated in a 2-day consensus-building meeting and follow-up conversations regarding the anticipated launch of the Center for Medicare & Medicaid Innovation's (CMMI's) enhanced MTM (EMTM) pilot (<https://innovation.cms.gov/initiatives/enhancedmtm/>).

The meeting, sponsored by AMCP, PQA, and the Public Health Improvement Training (PHIT) Collaborative, sought to develop consensus definitions for MTM-related terms and subsequently map them to SNOMED-CT codes for use in electronic health records. Partly because of the perceived shortcomings of existing MTM services under Medicare Part D, EMTM intends to engage practices and practitioners to realize better outcomes for Medicare beneficiaries. Within this pilot, CMMI will track data at a more granular level, including practice site (e.g., within a pharmacy vs. within a medical practice), practitioner type (e.g., pharmacist, technician, other health care provider), and clinical outcomes. The EMTM pilot will launch in January 2017.

Pharmacogenomics and the Pharmacy HIT Collaborative Council

In August, ACCP staff presented for the quarterly meeting of the Pharmacy Health Information Technology (HIT) Collaborative Council regarding the implementation of pharmacogenomics and considerations for clinical pharmacy practice. This panel discussion, convened by the PHIT Collaborative, included Dr. Jon White, deputy national coordinator for Health Information Technology (ONC), and Dr. Summerpal Kahlon, director, Care Innovation for Oracle Health Sciences Global Business Unit. The discussion predominantly focused on large-scale challenges to—and opportunities for—pharmacogenomics implementation in our rapidly evolving health and health IT landscape. The PHIT Collaborative expects to increase the activity and focus for pharmacogenomics and precision medicine in the coming months.

ACCP Joins with Eight Other Professional Pharmacist Organizations to Endorse Prescription Drug User Fee Reauthorization

Working as part of the Pharmacy Stakeholders Group, a coalition of 15 organizations representing pharmacists and pharmacies, ACCP submitted a letter to the U.S. Food and Drug Administration (FDA) in support of the reauthorization of the Prescription Drug User Fee Act (PDUFA) for fiscal years 2018–2022.

PDUFA is the mechanism through which the FDA collects fees from drug manufacturers to fund the new drug approval process. Under PDUFA, the FDA collects a substantial application fee from drug manufacturers when a New Drug Application (NDA) or Biologics License Application (BLA) is submitted, with those funds designated for use only in Center for Drug Evaluation and Research (CDER) or Center for Biologics Evaluation and Research (CBER) drug approval activities.

By law, PDUFA must be reauthorized every 5 years. In the letter, we applauded the FDA for its continued commitment to protect the public health by ensuring the safety and efficacy of medications in the United States and for its consideration of the evolution of health care as it contemplates the next 5 years. Specifically, we highlighted the following provisions in PDUFA reauthorization:

- Enhancing Use of Real-world Evidence for Use in Regulatory Decision-Making
- Enhancing the Incorporation of the Patient's Voice in Drug Development and Decision-Making Advancing Postmarketing Drug Safety Evaluation Through Expansion of the Sentinel System and Integration into FDA Pharmacovigilance Activities

[Click here](#) to read the letter to the FDA in full.

In Case You Missed It ... ACCP's Government and Professional Affairs Department Advocacy Update

Building on the successful [Congressional Briefing](#) ACCP facilitated on behalf of Representatives Erik Paulsen (R-MN) and Peter Welch (D-VT), titled "Getting the Medications Right: An Essential Ingredient in Achieving the Goals of H.R. 4878 – The Medicare Better Care, Lower Cost Act," the following summarizes some of the activities ACCP's Government and Professional Affairs staff engaged in over the summer:

ACCP Comments to CMS on Medicare Payment Reform

ACCP submitted comments to the Centers for Medicare & Medicaid Services (CMS) related to the implementation of the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA). MACRA was established to reform the existing Medicare fee-for-service (FFS) payment model that encourages volume in the delivery of health care and drives up health care costs while providing little incentive for the coordinated, high-quality, team-based, patient-centered process of care that is necessary to protect the long-term structural and financial viability of the Medicare program.

Under MACRA, CMS will initiate a new Merit-Based Incentive Payment System (MIPS) for eligible clinicians or group practices beginning in 2019, including a combined value-based payment program that assesses the performance of each eligible provider according to quality, resource use, clinical practice improvement activities, and meaningful use of certified electronic health record technology. The law also creates incentives for participation in certain alternative payment models (APMs), an approach consistent with the administration's broader goals of moving more FFS payments into APMs that focus on better care, smarter spending, and healthier people.

In the comments letter, ACCP urged the administration to incorporate the direct patient care services of clinical pharmacists as members of the patient's health care team. Specifically, identifying essential objectives for a modernized, cost-effective, and quality-focused Medicare program, the comments focused on:

- Facilitating clinical pharmacists' full integration into patient care teams
- Achieving clinical outcomes to meet quality metrics by recognizing clinical pharmacists' contributions in quality and clinical practice improvement activity ("CPIA") performance measures
- Developing health information technology (HIT) resources to optimize the exchange of clinical information among members of the health care team

ACCP is confident that its Medicare Initiative is consistent with the overall structure of the agency's proposed reformed payment approach, and the College believes that the physician payment reform process offers an opportunity to integrate coverage for CMM services within the evolving Medicare program.

[Click here](#) to read ACCP's comments in full.

ACCP Board of Regents Hosts "A Celebration of Collaboration"

The ACCP Board of Regents (BoR) held its July 2016 meeting at ACCP's offices in downtown Washington, D.C. In addition to regular BoR activities, the BoR set aside time to update and report on progress made to the College's [Strategic Plan](#), which was adopted in 2013. In conjunction with the meeting, the BoR hosted a reception titled "A Celebration of Collaboration" for the leadership of some of the organizations ACCP works with on a range of initiatives related to the College's advocacy agenda. Attendees included groups representing physicians and other health professionals, groups focused on advancing team-based care practices and APMs, ACCP colleague organizations from the pharmacy profession, and a variety of health policy stakeholders. The event, which was a resounding success, will serve to strengthen and develop the relationships ACCP has worked to build as part of its commitment to team-based, patient-centered care.

ACCP Welcomes 2016–2017 Congressional Healthcare Policy Fellow

The 2016–2017 ACCP/American Society of Health-System Pharmacists (ASHP)/Virginia Commonwealth University (VCU) Congressional Healthcare Policy Fellow, Mary Abdelmalak, joined ACCP's Washington office in July after spending a week at the Brookings Institution. Abdelmalak then spent August working with the policy staff at ASHP. In September, she began her placement

as a staff member for Senator Charles Grassley (R-IA). Grassley chairs the Senate Judiciary Committee and is a senior member of the Senate Finance Committee, which oversees the Medicare program. Grassley is widely admired on Capitol Hill for his leadership on health care issues and his willingness to work in a bipartisan manner to advance legislation.

[Click here](#) for more information on the ACCP/ASHP/VCU Congressional Healthcare Policy Fellow Program.

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

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Student Initiatives Update

ACCP Clinical Pharmacy Challenge: The Pursuit of Excellence Continues



Now in its seventh year, ACCP’s national team competition for pharmacy students returns to the Annual Meeting in Hollywood, Florida. From an initial field of 112 teams, eight have advanced through four online rounds of competition to reach the quarterfinals. The following are the 2016

ACCP Clinical Pharmacy Challenge Quarterfinal Teams.

Quarterfinalist Teams:

- East Tennessee State University Bill Gatton College of Pharmacy
- Oregon State University College of Pharmacy
- Purdue University College of Pharmacy
- Southern Illinois University Edwardsville School of Pharmacy
- Union University School of Pharmacy
- University of California, San Diego Skaggs School of Pharmacy & Pharmaceutical Sciences
- University of Rhode Island College of Pharmacy
- University of the Sciences Philadelphia College of Pharmacy

Join us for the live round Clinical Pharmacy Challenge action at the Annual Meeting on October 22–24, 2016, in Hollywood, Florida.

2016 ACCP Clinical Pharmacy Challenge Schedule

Saturday, October 22

8:00 a.m. – 8:45 a.m. Participant walk-through and photo session

2016 ACCP Clinical Pharmacy Challenge Schedule

Saturday, October 22

8:00 a.m. – 8:45 a.m. Participant walk-through and photo session

Quarterfinal A

9:00 a.m. – 9:30 a.m. Purdue University College of Pharmacy

vs.

Southern Illinois University Edwardsville School of Pharmacy

Quarterfinal B

9:45 a.m. – 10:15 a.m. University of California, San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences

vs.

University of the Sciences Philadelphia College of Pharmacy

Quarterfinal C

10:30 a.m. – 11:00 a.m. University of Rhode Island College of Pharmacy

vs.

East Tennessee State University Bill Gatton College of Pharmacy

Quarterfinal D

11:15 a.m. – 11:45 a.m. Union University School of Pharmacy

vs.

Oregon State University College of Pharmacy

Sunday, October 23

| | |
|-----------------------|-----------------------|
| Semifinal A | Winner Quarterfinal A |
| 4:30 p.m. – 5:00 p.m. | vs. |
| | Winner Quarterfinal D |
| Semifinal B | Winner Quarterfinal B |
| 5:15 p.m. – 5:45 p.m. | vs. |
| | Winner Quarterfinal C |

Monday, October 24

| | |
|-------------------------|--------------------|
| Final Round | Winner Semifinal A |
| 11:00 a.m. – 11:30 a.m. | vs. |
| | Winner Semifinal B |

Travel Awards Promote Student and Resident/Fellow Meeting Attendance

ACCP initiated its Student Travel Awards and Resident/Fellow Travel Awards programs to support and encourage student, resident, and fellow attendance at ACCP national meetings as well as to expand opportunities for students and postgraduate trainees throughout the organization. To date, ACCP has awarded more than \$74,500 in travel stipends and complimentary meeting registrations. In addition, many PRNs now offer their own travel awards for students, residents, and fellows, providing even more opportunities for attendees to apply for funding to defray the costs associated with attending the Annual Meeting.

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

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

- Hematology/Oncology
- Immunology/Transplantation
- Infectious Diseases
- Nephrology
- Pain and Palliative Care
- Pediatrics
- Pharmaceutical Industry
- Women's Health

2016–2017 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 their applications, ACCP President-Elect Marcia Buck selected student members for appointment. The committee will convene at the upcoming 2016 Annual Meeting. ACCP is pleased to announce the appointment of the following student members to the 2016–2017 SNAC.

Chair: Brian Kurish, University of North Carolina Eshelman School of Pharmacy

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

Secretary: Rachel Scott, University at Buffalo, State University of New York School of Pharmacy and Pharmaceutical Sciences

Members-at-large:

- Spencer Blohowiak, Shenandoah University Bernard J. Dunn School of Pharmacy
- Aakash Gandhi, University of the Sciences Philadelphia College of Pharmacy
- Sarah Lewter, South Carolina College of Pharmacy
- Jordan Perrine, University of Tennessee Health Science Center College of Pharmacy
- Maggie Ramirez, University of Kansas School of Pharmacy
- Amanda Van Matre, University of Colorado Anschutz Medical Campus, Skaggs School of Pharmacy and Pharmaceutical Sciences
- Kelsey Williams, Mercer University College of Pharmacy

ACCP STUDENT CHAPTER AWARDS ANNOUNCED

Outstanding Student Chapter Award

This award recognizes the ACCP student chapter that has exemplified strength in leadership, dedication in patient care, and passion for professional development through its activities and membership.

The chapter's activities should address ACCP's core values of extending the frontiers of clinical pharmacy and promoting dedication to excellence in patient care, research, and education. A key component of all the core values is the clinical pharmacist's ability to work collaboratively within the health care environment. Each chapter must demonstrate its ability to work with other health disciplines.

Please join ACCP in congratulating this year's Outstanding Student Chapter Award-winning institution, Lake Erie College of Osteopathic Medicine, School of Pharmacy-Bradenton Campus.

ACCP President Terry Seaton will present the officers of LECOM – Bradenton their Outstanding Chapter plaque and \$1000 award during the Student Chapter Forum session on Monday, October 24, during the Annual Meeting in Hollywood, Florida.

ACCP CLINICAL RESEARCH CHALLENGE: A NEW OPPORTUNITY FOR EXCELLENCE

ACCP Expands Scope of CRC Student Competition



ACCP is pleased to announce the return of the Clinical Research Challenge (CRC). This novel competition is targeted toward pharmacy students in the first 2 years of their first professional pharmacy degree program (P1 and P2 students for 4-year programs; P1 and

P2 students for 3-year accelerated programs and the first two professional years of 0–6 or 0–7 year programs). Critically evaluating and applying primary literature is an essential skill for clinical pharmacists. Research and scholarship contributes to improved health outcomes for patients and advances in the profession of clinical pharmacy. This innovative and unique competition offers teams of three pharmacy students the chance to participate in an online journal club and the opportunity to submit a clinical research proposal. NEW this year is the addition of a Letter of Intent round (more below). Plan now to participate in 2017.

Competition Overview

The ACCP CRC is a team-based competition. Teams of three students will compete against teams from other

schools and colleges of pharmacy nationwide in an online format. All eligible teams will have the opportunity to compete in round 1: Online Journal Club. Only one team per institution may enter the competition. Institutions with branch campuses, distance satellites, or more than one interested team are encouraged to conduct a local competition.

Teams achieving the top 40 scores after round 1 will advance to the **newly created round 2: Letter of Intent Submission**. In the event of any ties, the top 40 scores will be determined by the time required to complete the online journal club exam. All examinations will be time stamped. Time spent viewing instructional pages will NOT count toward total examination time.

The LOI Submission round, added to allow greater participation throughout the CRC, is intended to help students refine any future full-proposal submissions and allow the CRC Review Panel the ability to select teams to submit full proposals according to the innovativeness and quality of their LOI submissions.

Each year, the Competition Oversight Panel will issue a request for proposal to address a clinically focused research question on a select pharmacotherapeutic topic or disease state (e.g., nephrology, infectious disease, hypertension). Eligible teams will first submit an LOI based on the research question. Teams will then be provided information regarding the research environment, which will include a specified budget and a timeline in which the proposed research must be completed. Thereafter, eligible teams will have 2½ weeks to develop and submit an LOI online following the criteria outlined [here](#).

Teams achieving the top 20 scores after the LOI round will be advanced to round 3: Research Protocol Design and invited to submit a complete research proposal. Teams will be notified by e-mail regarding their status to participate in round 3 by Friday, March 17, 2017 (CST). Proposals are due by Friday, April 14, 2017 (CST) at midnight. For more information on round 3: Research Protocol Design, click [here](#).

The teams with the top three research proposal submissions are requested to present their research design during a poster session at the 2017 ACCP Annual Meeting in Phoenix, Arizona. In addition, each member of said teams will receive a complimentary Annual Meeting registration and a cash prize. Click [here](#) for additional prize information.

Students are not required to be members of ACCP to participate. Team registration should be submitted online and must be initiated by a current faculty member at the respective institution. Students interested in forming a team should contact their ACCP faculty liaison. If no ACCP [faculty liaison](#) has been identified, another faculty member from the institution may initiate the registration

process. The registering faculty member must confirm the eligibility of all team members online before a team will be permitted to compete in the CRC. The deadline to complete team registration and confirm eligibility is February 1, 2017.

For additional competition information and calendar information, click [here](#).

POST-GRADUATE TRAINEE UPDATE

Residents, Fellows, and Graduate Students

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

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

The ACCP Mentoring Program allows all postgraduate trainee members of ACCP to search for and select a mentor from the College's database of ACCP volunteer members. Once trainees have selected a mentor, they are encouraged to correspond with their mentor at least monthly throughout their training year. ACCP supports mentors and mentees with monthly e-mails of potential topics for discussion. Opportunities and resources offered by ACCP are also included in the monthly correspondence. Sixty-one mentor-mentee matches were made through the 2015–2016 program.

ACCP will continue to offer resident-specific educational programming at the 2016 Annual Meeting. *Chart the Course of Your Professional Future* is designed to provide residents with vital career development skills and a foundation in navigating their professional future. Led by nationally recognized faculty, this premeeting symposium will include topics such as facilitating professional development, managing conflict, planning for financial freedom, taking a scholarly approach to clinical practice, and developing a personal strategic plan.

In addition to ACCP's long-standing Career Path Roundtable Session, ACCP will offer the Professional Development Roundtable Session exclusively for new practitioners. This session will focus on topics that guide early practitioners through several career transitions, including interviewing, negotiating, precepting, achieving balance, obtaining board certification, seeking out administrative roles, and planning for continuous professional development.

Postgraduate trainees will also have access to two live webinars each year to supplement their training.

The 2016–2017 Resident Advisory Committee has been appointed. The committee will be chaired by Erin McCreary and cochaired by Brandon Martinez. Members-at-large serving on the committee include Sara Alosaimy, Anna Bondar, Megan Carr, Nicholas Cox, Oksana Kucher, Wesley Kucher, Krutika Mediwala, Vy Nguyen, Klayton Ryman, Adrian Wong, and Kimberly Zitko.

Save the Date for Spring

Mark Your Calendar: ACCP's Updates in Therapeutics® 2017 Is Now Offered in February!

Mark your calendar for ACCP's Updates in Therapeutics® 2017 meeting, to be held February 17–19, 2017, at the Hyatt Regency Jacksonville Riverfront hotel in Jacksonville, Florida. ACCP's Updates in Therapeutics® Preparatory Review and Recertification Courses are designed for pharmacy professionals who are preparing for the specialty certification examinations administered by the Board of Pharmacy Specialties, for specialists seeking recertification through continuing education, and for those seeking a self-paced refresher of pharmacotherapeutic management of specialty-specific conditions and contemporary clinical practice topics.

Attendees will have the option to attend preparatory review and recertification courses in Ambulatory Care Pharmacy, Pediatric Pharmacy, or Pharmacotherapy. In addition, for those interested in Critical Care Pharmacy or those who cannot attend the Society of Critical Care Medicine's (SCCM's) 46th Critical Care Congress, ACCP will offer an abbreviated encore of the popular ACCP/SCCM Critical Care Pharmacy Preparatory Review and Recertification Course.

ACCP Academy Programming

Also offered in conjunction with Updates in Therapeutics® 2017 are professional development sessions delivered by ACCP Academy faculty. The three ACCP Academy programs will deliver required modules and electives, according to preestablished course schedules.

Registration for the meeting will open in late October.

PRN MEMBERSHIP TOTALS

| PRN Title | Total Members |
|--|---------------|
| Adult Medicine | 1119 |
| Ambulatory Care | 2297 |
| Cardiology | 1342 |
| Central Nervous System | 292 |
| Clinical Administration | 479 |
| Critical Care | 2333 |
| Drug Informatio | 377 |
| Education and Training | 594 |
| Emergency Medicine | 995 |
| Endocrine and Metabolism | 332 |
| Geriatrics | 404 |
| GI/Liver/Nutrition | 250 |
| Global Health | 178 |
| Health Outcomes | 230 |
| Hematology/Oncology | 905 |
| HIV | 256 |
| Immunology/Transplantation | 544 |
| Infectious Diseases | 2334 |
| Nephrology | 208 |
| Pain and Palliative Care | 367 |
| Pediatrics | 1055 |
| Perioperative Care | 90 |
| Pharmaceutical Industry | 388 |
| Pharmacokinetics/Pharmacodynamics/Pharmacogenomics | 367 |
| Women's Health | 284 |
| TOTAL: | 18,020 |

PRN CONTACTS

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

| PNR TITLE | PNR CONTACT |
|--|---|
| Adult Medicine | <u>Kurt Wargo, Pharm.D., BCPS</u> |
| Ambulatory Care | <u>Emily McCoy Armstrong, Pharm.D., BCACP</u> |
| Cardiology | <u>Robert J. DiDomenico Jr, Pharm.D.</u> |
| Central Nervous System | <u>W. Klugh Kennedy, Pharm.D., FCCP, BCPP</u> |
| Clinical Administration | <u>Venita Papillion, Pharm.D.</u> |
| Critical Care | <u>Scott Bolesta, Pharm.D., FCCM, BCPS</u> |
| Drug Information | <u>Andrew M. Abe, Pharm.D.</u> |
| Education and Training | <u>Andrew J. Smith, Pharm.D., BCPS</u> |
| Emergency Medicine | <u>Megan E. Musselman, Pharm.D., BCPS, BCCCP</u> |
| Endocrine and Metabolism | <u>Michelle L. Rager, Pharm.D., BCPS, CDE</u> |
| Geriatrics | <u>Scott Martin Vouri, Pharm.D.</u> |
| GI/Liver/Nutrition | <u>Michelle T. Martin, Pharm.D., BCPS, BCACP</u> |
| Global Health | <u>Michelle R. Holm, Pharm.D., BCPS</u> |
| Health Outcomes | <u>Karen Smith, RPh, Ph.D.</u> |
| Hematology/Oncology | <u>Bojana Stevich-Heemer, Pharm.D., M.S., MEd, BCOP</u> |
| HIV | <u>Kimberly Scarsi, Pharm.D., M.Sc.</u> |
| Immunology/Transplantation | <u>Barrett R. Crowther, Pharm.D.</u> |
| Infectious Diseases | <u>Kayla R. Stover, Pharm.D.</u> |
| Nephrology | <u>Rebecca A. Maxson, Pharm.D.</u> |
| Pain and Palliative Care | <u>Leah Sera, Pharm.D., BCPS</u> |
| Pediatrics | <u>Kalen B. Manasco, Pharm.D., BCPS</u> |
| Perioperative Care | <u>Kara L. Birrer, Pharm.D., BCPS</u> |
| Pharmaceutical Industry | <u>Kay M. Uttech, Pharm.D., BCPS</u> |
| Pharmacokinetics/Pharmacodynamics/Pharmacogenetics | <u>Gamal Hussein, Pharm.D.</u> |
| Women's Health | <u>Kathleen Vest, Pharm.D.</u> |