

PRESIDENT'S COLUMN

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The Core Values of ACCP—Why Consistent Support of Specialty Practice Is Important

Among the constant cacophony of contentious issues on Capitol Hill is a welcome discussion about pharmacists as essential members of the health care team, together with proposed legislation to formalize a mechanism for pharmacist reimbursement for cognitive activities. This discussion has been fostered by work done by national pharmacy organizations, including ACCP, over many years—most intensively since 2013.

Recently introduced legislation in the new Congress, the Pharmacy and Medically Underserved Areas Enhancement Act, has energized pharmacists around the country and increased legislator awareness of pharmacists. However, the complexity of the legislative process and the slow progression can be frustrating to those of us who do not spend time in that world. I strongly recommend the informative and detailed discussion by John McGlew in the February 2015 *ACCP Report* on this topic. This *Washington Report* summarizes ACCP's goals for the advancement of clinical pharmacists and specialists, a strategic priority for our organization (<http://www.accp.com/report/index.aspx?iss=0215&art=10>).

The strategic priorities are driven by the College's well-defined core values. We believe that the highly trained and credentialed clinical pharmacist who provides comprehensive medication management (CMM) within the context of collaborative, team-based care is essential to achieving optimal patient outcomes. Our important core values are listed on the ACCP Web site (www.accp.com/about/mission.aspx), but more importantly, they are reflected in how we practice as individuals, and they direct how your leadership wants to excel and maintain a consistent course of action. Simon Sinek, in *Start with Why*

How Great Leaders Inspire Everyone to Take Action, has described how an organization that acts with discipline and does not veer from its vision is felt to be authentic. What this really means is that our consistent focus on clinical pharmacy and the important role of clinical pharmacists resonates with our members, much as devotion to Apple products and Apple's vision to challenge the status quo in the world of consumer electronics has engendered an enthusiastic following. What we are doing must "feel right" to our members. Your awareness of the mission and values of ACCP will facilitate understanding of the positions we have taken as an organization.

Organizationally, we value the quest to constantly extend the frontiers of clinical pharmacy and applaud the development of new practice models and roles for clinical practitioners. As clinicians, we balance the need to maintain a standardized evidence-based practice while constantly asking how we can improve the status quo by acting on those ambitions. We also strive to achieve optimal outcomes for patients by inspiring our colleagues to maintain high standards of practice and helping our departments maximize their efficiency in the midst of a growing slate of direct patient care activities.

Even as we continue down a consistent advocacy path using the strong policy foundation established by the Board of Regents and the policy and advocacy staff, you will not hear a lot of "publicity" about these efforts until there are some substantial developments to discuss. We are asking for your support and trust while you maintain confidence that we are not sitting idly on the sidelines. We emulate the approach described as the "20-Mile March" by Jim Collins in *Great by Choice*, where two explorers are trying to reach the South Pole in 1911. The successful team prepared for potential failure and planned for years, studied survival in that unforgiving environment, and maintained a consistent rate of progress throughout its trek—never going too far in good weather in order to limit exhaustion and continuing to press forward in bad weather in order to stay on pace—seeking to cover a

consistent 15–20 miles per day. The unsuccessful team had not prepared as thoroughly, did not plan for failure, and did not have redundancy in its processes. That team went as far as it could as fast as it could, eventually exhausting its resources and capacity to continue on.

The discipline to be consistent and true to our core values is not easily achieved as new potential opportunities are presented to ACCP and as the world around us in pharmacy becomes focused on a variety of other issues. Through consistent consideration of ACCP's strategic plan priorities with respect to any new potential activity or initiative, the Board of Regents regularly revisits its vision for clinical pharmacists and reflects on ACCP's core values (http://www.accp.com/docs/about/ACCP_Strategic_Plan.pdf). Charges to our many committees and task forces drive members' work toward achieving the College's strategic plan objectives. Organizationally, ACCP continues to grow, allowing us to expand efforts to further *develop, advance, and position clinical pharmacists* for the future. We seek to achieve an envisioned future where well-trained, credentialed clinical pharmacists consistently provide CMM and thereby optimize patient outcomes. The PRNs are similarly contributing to ACCP's strategic priorities through their support for, and development of, ACCP members. Many of the PRNs have supported member attendance at the ACCP Research Institute's FIT Program (see <http://www.accpri.org/fit/index.aspx>) and now will similarly support participation in the new MeRIT Program (see <http://www.accpri.org/merit/>). These programs represent important steps by ACCP toward helping to *develop clinical pharmacists who will advance the profession* through their research and scholarly activities. I have also challenged the Critical Care PRN to reexamine and update a foundational document on critical care clinical pharmacist services (Pharmacotherapy 2000;20:1400-6). Similarly, I ask that other PRNs consider feasible projects that could measure the impact of CMM on patient outcomes in their respective practice settings. We should all be working toward our shared vision of clinical pharmacists as recognized members of the health care team who help achieve better medication-related outcomes for patients.

PRN members who work with the rapidly growing number of student chapters are in an ideal position to educate students about ACCP, its mission, and its vision and to inspire them to establish high standards for their future practices. My recent visits to colleges of pharmacy, which afforded me the opportunity to meet with highly motivated students and their faculty, have affirmed my belief that ACCP's core values will continue to resonate with this new generation of clinical pharmacists.

On the legislative front, be assured that our efforts to *position clinical pharmacists as essential providers*, in collaboration with key physician organizations and interprofessional organizations like the Patient-Centered

Primary Care Collaborative, are continuing. Although we would like to see rapid advancement of ACCP's Medicare Initiative, we understand that successful legislative efforts take time. Furthermore, we cannot ignore the current fiscal environment within Congress, which necessitates a funding offset for any contemplated new governmental expense. We hope the momentum and enthusiasm of early adopters of CMM will help drive us toward a tipping point. But for the immediate term, a steady and rigorous quest to publish data on the impact of CMM persists while we continue to raise awareness of the clinical pharmacist's contributions to patient care.



PRNS PREPARE FOR ELECTIONS

The PRN election cycle is upon us. It is time for the PRNs to begin the process of determining who will serve as officers in the coming year. If you are interested in being a PRN officer or in nominating someone, please contact your PRN's chair.

Election Process

The Nominations Committee will consist of at least two individuals appointed by the PRN's chair. These individuals may be the PRN's current elected officers. Those who are on the Nominations Committee of a PRN will be ineligible to run for office in that PRN's election that year.

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

Voting

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

2015 Election Timetable	
PRNs Call for Nominations	March 2015
Submission of slates and candidate biographies to ACCP	June 12, 2015
Electronic balloting opens	July 10, 2015
Electronic balloting closes	August 17, 2015 (6–8 weeks before the Global Conference on Clinical Pharmacy)
Committee contact notified of results	August 24, 2015
Nominations Committee notifies all candidates of election results	August 27, 2015 (within 10 days of election)
ACCP staff notifies new officers of meeting date and time at the Annual Meeting.	

NETWORKING BREAKFASTS

Networking Mornings Return to UPDATES IN THERAPEUTICS®

Join ACCP and your fellow meeting attendees in Chicago, Illinois, for networking sessions with clinical pharmacists having common interests and needs in practice, research, and education. Complimentary coffee and pastries will be served each day, Saturday through Monday, 7:00–8:30 a.m. (CDT), in the Rosemont Ballroom Foyer of the Chicago Hyatt Regency O'Hare hotel. Each group will have a designated table where attendees can meet PRN and Research Institute representatives and learn how to become involved. A listing of the groups hosting tables during each session follows.

Saturday, April 11

- Cardiology PRN
- Clinical Administration PRN
- Education and Training PRN
- Endocrine and Metabolism PRN
- Geriatrics PRN
- Global Health PRN
- Research Institute and PBRN

Sunday, April 12

- Cardiology PRN
- Education and Training PRN
- Endocrine and Metabolism PRN
- Emergency Medicine PRN

- Geriatrics PRN
- Global Health PRN
- Pediatrics PRN
- Research Institute and PBRN

Monday, April 13

- Ambulatory Care PRN
- Cardiology PRN
- Geriatrics PRN
- Global Health PRN
- Research Institute and PBRN

SAVE THE DATE POSTER SESSION

Save the Date for the 2015 ACCP Virtual Poster Symposium

Mark your calendar for the fourth annual ACCP Virtual Poster Symposium, May 18 and May 19, 2015. Posters describing projects from the “Original Research,” “Clinical Pharmacy Forum,” and “Student, Resident, and Fellow Research-in-Progress” categories will be on display May 18–19 for asynchronous viewing and comment. In addition, two interactive sessions will be scheduled during the May 18–19 display, when authors will be available for real-time online Q&A sessions alongside their virtual posters.

Registration for this symposium is free to all ACCP members and will be available in April 2015 at www.accp.com/myaccount. Registration will provide each attendee with access to the virtual posters, the opportunity to leave comments for the author, and the ability to contact the poster presenter during the interactive sessions. To contact poster presenters during the interactive sessions, the attendee must be logged on to a Skype account. To create a free Skype account, go to www.skype.com/intl/en-us/get-skype. If you haven't attended the Virtual Poster Symposium before, give it a try, and if you have, we look forward to having you back again. Registration opens April 2015.



GLOBAL CONFERENCE

Educational programming is being finalized for the 2015 Global Conference on Clinical Pharmacy, October 17–21, San Francisco, California. The Program Committee has put together a series of cutting-edge educational programs presented by some of the world's leading practitioners and researchers. Sessions will feature interactive debates, panel discussions, and hands-on workshops intended to provide meeting

attendees with the latest information and developments on clinical pharmacy's leading topics.

One of the conference highlights will be the Keynote Address presented by Dr. Michael S. Barr, Executive Vice President, Research, Performance Measurement, and Analysis National Committee for Quality Assurance, in Washington, D.C. Dr. Barr's presentation is titled "Measuring Quality in Patient-Centered Care—Challenges and Opportunities." In addition, he will review the "big-picture framework" for quality measurement in the evolving U.S. health care delivery system and its alignment with international efforts and measures in other advanced countries. He will discuss "what quality means" to patients, providers, payers, and policy-makers and lessons learned to date from the various quality measurement approaches that have been developed and deployed in various payer markets. Dr. Barr will also identify areas of quality measurement in the area of medication use that clinical pharmacists can directly affect, and that align with and support, broader health quality goals and efforts.

Because this is a global conference, portions of the programming will be focused on providing an international perspective on emerging issues and challenges faced by today's clinical practitioners. International and U.S.-based speakers will lead discussions centered on topics such as "Medication Safety: National and International Perspectives"; "Global Development of Clinical Pharmacy Education and Advancement of Clinical Pharmacy Practice"; and "Issues in International Research."

Therapeutic topic areas affecting the global community will also be highlighted. These include "Updates in the Management of Viral Infections"; "Optimal Management of Community- and Hospital-Acquired Methicillin-Resistant *Staphylococcus aureus* Infections"; and "Diabetes—A Global Pandemic." The Global Conference will also feature a series of Late Breaker topic sessions in a variety of therapeutic areas: Cardiology, Critical Care, Pediatrics, Endocrinology and Metabolism, Pharmacogenomics, Transplantation, Women's Health, Psychiatry, Vaccines/Immunizations, Geriatrics, Nephrology, and Neurology.

Sessions on pharmacy education will address topics on the latest innovations and the best practices/dilemmas in this area. In addition, sessions on "Innovations in Practice Technology" and "Advancing Clinical Pharmacy Practice: Innovative Models" will be featured.

This year's Global Conference will offer a unique variety of educational programming sessions with exciting speakers and topics that will appeal to clinical pharmacy practitioners, educators, and researchers from around the world. We hope you'll be able to join us, and we look forward to seeing you in San Francisco this fall.

PRN NEWS BRIEFS



Adult Medicine PRN

Introduction:

Since its inception in 1999, the ACCP Adult Medicine PRN (AMED) has become one of the largest PRNs. We have members practicing in a variety of inpatient and outpatient settings, as well as in academia and the pharmaceutical industry. The Adult Medicine PRN consists of practitioners, residents, and students who share interest in shaping the practice of adult medicine through research and practice.

The 2014 ACCP Annual Meeting was well represented by the Adult Medicine PRN with more than 100 attendees at the business meeting. Awards were presented to exceptional members, including funding for a student and resident (see below). The Adult Medicine PRN Programming Committee developed a well-attended and well-received focus session on dual antiplatelet therapy; the committee appreciates the efforts of the speakers: Drs. Joel Marrs, Julie Sease, and Ragini Bhakta. The Programming Committee continues to diligently prepare the focus session for the upcoming 2015 Global Conference.

The Adult Medicine PRN Archives Committee has been developing revised online content and ensuring that the content and format are best suited for our members, with a recent review of the online policy. The Adult Medicine PRN Training and Travel Awards and Nominations committees continue to select applicants and award exceptional members. A newly formed Adult Medicine PRN committee is focusing on research efforts. This committee is exploring ways to support and encourage collaboration between PRN members and with the ACCP Research Institute.

Our members are very active within the PRN and ACCP, with many holding leadership positions. Our PRN is committed to the practice of evidence-based medicine and promotes active involvement in scholarly and research activities. Joining the Adult Medicine PRN is an excellent way for practitioners, residents, and students to get actively involved in advancing the practice of Adult Medicine and collaborating with other like-minded individuals. Any questions should be directed to the PRN officers.

Promotions:

- Jacqueline Olin, Pharm.D., M.S., BCPS: Received a promotion to Professor of Pharmacy
- J. Andrew Woods, Pharm.D., BCPS: Received a promotion to Associate Professor of Pharmacy

Awards:

- Jennifer Austin: Received the Adult Medicine PRN Practitioner Registration Award, October 2014
- Brittany L. Good: Received the Adult Medicine PRN Resident Travel Award, October 2014
- Jennie Jarrett, Pharm.D., BCPS: Received the New Faculty Scholar Award from the Society of Teachers of Family Medicine (STFM)
- Elizabeth Moore: Received the Adult Medicine PRN Resident Travel Award, October 2014
- Abigail Yancey, Pharm.D., BCPS: Received the Adult Medicine PRN Mentoring Award, October 2014

Grants: (None)

Publications:

- **Abazia DT.** The mail: stopping drug deaths [letter]. *The New Yorker*. September 29, 2014.
- **Al-Shaer MH,** Ibrahim T. Safety and efficacy of fondaparinux in renal impairment. *J Pharm Technol*. 2015 Jan 14. [Epub ahead of print]
- **Al-Shaer M,** Nazer LH, Kherallah M. Rifampicin as adjunct to colistin therapy in the treatment of multidrug-resistant *Acinetobacter baumannii*. *Ann Pharmacother* 2014;48:766-71.
- Nazer L, Alnajjar T, **Al-Shaer M,** et al. Evaluating the effectiveness and safety of hydrocortisone therapy in cancer patients with septic shock. *J Oncol Pharm Pract*. 2014 Apr 29. [Epub ahead of print]
- **Anderson SL.** Dapagliflozin efficacy and safety: a perspective review. *Ther Adv Drug Saf* 2014;5:242-54.
- Fosmire Rundgren EW, **Anderson SL, Marrs JC.** Evaluation of aspirin use in patients with diabetes receiving care in community health. *Ann Pharmacother* 2015;49:170-7.
- Fosmire Rundgren EW, **Anderson SL, Marrs JC.** Response to comment "evaluation of aspirin use for primary prevention in diabetic patients." *Ann Pharmacother* 2015;49:262-3.
- **Armbruster A,** Buehler K, Min S, Riley M, Daly MW. Evaluation of dabigatran for appropriateness of use and bleeding events in a community hospital setting. *Am Health Drug Benefits* 2014;7:1-8.
- **Dobesh PP,** Fanikos J. New oral anticoagulants for the treatment of venous thromboembolism: understanding the differences and similarities. *Drugs* 2014;74:2015-32.
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- **Hemstreet B.** Improving your public speaking skills. *Experts in Training: News for Resident, Fellow, and Graduate Student Members of the American College of Clinical Pharmacy*. Published online: December 2014 (<http://www.accp.com/resfel/newsletter.aspx>).
- **Hemstreet B.** Vitamin B12 deficiency and use of acid suppressive drugs: the association revisited. *Pharmacy Today* July 2014;20:20.
- Krinsky D, Ferreri SP, **Hemstreet BA,** Hume AL, Newton GD, Rollins CJ, Tietze KJ. *Handbook of Nonprescription Drugs*, 18th ed. Washington, DC: American Pharmacists Association, 2015.
- **Jenkins AT, Marshall JL.** Chapter 7: Cardiovascular exam. In: Hardy YM. *Patient Assessment in Pharmacy: A Culturally Competent Approach*. Burlington, MA: Jones & Bartlett, 2016:129-53.
- Erwin BL, **Kyle JA,** Allen LN. Time to guideline-based empiric antibiotic therapy in the treatment of pneumonia in a community hospital: a retrospective review. *J Pharm Pract*. 2015 Jan 19. [Epub ahead of print]. Available at <http://jpp.sagepub.com/content/early/2015/01/19/0897190014566303.abstract>.
- Lewis T, Kirby E, **Kyle JA.** Infection in kidney transplantation. *US Pharm* 2014;39:HS10-HS16.
- Mercadel CJ, Skelley JW, **Kyle JA,** Elmore LK. Dolutegravir: an integrase strand transfer inhibitor (INSTI) for the treatment of human immunodeficiency virus 1 (HIV-1) in adults. *J Pharm Technol* 2014;30:216-26.
- Bulloch MN, **Olin JL.** Instruments for evaluating medication use and prescribing in older adults. *J Am Pharm Assoc* 2014;54:530-7.
- **Mohammad RA,** Bulloch MN, Chan J, Deming P, Love B, Smith L, Dong BJ. Provision of clinical pharmacist services for individuals with chronic hepatitis C viral infection: joint opinion of the GI/Liver/Nutrition and Infectious Diseases Practice and Research Networks of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014;34:1341-54.
- **Olin JL,** St. Pierre M. Aromatase inhibitors in breast cancer prevention. *Ann Pharmacother* 2014;48:1605-10.
- Smith MA, Chan J, **Mohammad RA.** Ledipasvir-sofosbuvir: interferon-/ribavirin-free regimen for chronic hepatitis C virus infection [review]. *Ann Pharmacother*. 2014 Dec 16. [Epub ahead of print]
- Smith MA, **Mohammad RA.** Vedolizumab: an $\alpha 4\beta 7$ integrin inhibitor for inflammatory bowel diseases. *Ann Pharmacother* 2014;48:1629-35.

- Smith MA, **Mohammad RA**, Benedict N. Use of virtual patients in an advanced therapeutics pharmacy course to promote active, patient-centered learning. *Am J Pharm Educ* 2014;78:125.
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- Salvatore DJ, **Resman-Targoff BH**. Treatment options for urinary tract infections caused by extended-spectrum β -lactamase-producing *Escherichia coli* and *Klebsiella pneumoniae*. *J Acad Hosp Med* 2015;7(1).
- **Trujillo T, Dobesh PP**. Clinical use of rivaroxaban: pharmacokinetic and pharmacodynamics rationale for dosing regimens in different indications. *Drugs* 2014;74:1587-603.
- **Wall GC**, Bryant GA, **Bottenberg MM, Maki ED, Miesner AR**. Irritable bowel syndrome: a concise review of current treatment concepts. *World J Gastroenterol* 2014;20:8796-806.
- **Wargo KA, Edwards JD**. Aminoglycoside-induced nephrotoxicity. *J Pharm Pract* 2014;27:573-7.

New ACCP Fellows:

- Craig D. Cox, Pharm.D., BCPS: Texas Tech University
- Joel C. Marrs, Pharm.D., BCPS, CLS: University of Colorado Anschutz Medical Campus
- Rocsanna Namdar, Pharm.D., BCPS: Denver, Colorado
- Jacqueline L. Olin, Pharm.D., M.S., FASHP, BCPS, CPP, CDE: Wingate University School of Pharmacy
- Jessica A. Starr, Pharm.D., BCPS: Auburn University
- Sheila M. Wilhelm, Pharm.D., BCPS: Wayne State University

Other Notable Achievement:

- Elizabeth A. Stone was credentialed as an Allied Health Professional in December and will be performing CDTM in a hepatitis C clinic.

Ambulatory Care PRN

Introduction:

The committees have been working hard on their charges for the 2014–2015 year. This year, the Ambulatory Care PRN has continued to see an increase in membership, with total membership exceeding 2100 members. The

committee chairs and members are collaborating to improve PRN benefits for all of our members. The PRN will be providing tuition support for either one or two candidates to the FIT or MeRIT program this upcoming year. In addition, the PRN officers and committee chairs have continued meeting periodically to provide updates to the PRN regarding committee activities, and these business minutes can be found on the ACCP Ambulatory Care PRN webpage.

Promotions:

- Jack J. Chen, Pharm.D.: Appointed as Founding Chair and Professor, Department of Pharmacy Practice, Marshall B. Ketchum University, Fullerton, California
- Suzanne Higginbotham: Director of residency and fellowship programs at Duquesne University School of Pharmacy

Awards:

- Catherine Bourg: ACCP Research and Scholarship Academy Graduate, October 2014
- Candice Garwood: The Michigan Society of Health-System Pharmacists President's Choice Award
- Karen Gunning: American Association of Medical Colleges (AAMC) Learning Health System Research Learner Award
- Mary Beth O'Connell: Fellowship with the National Academies of Practice
- Marissa Salvo: Received the Distinguished Young Pharmacist Award from the Connecticut Pharmacists Association and Lambda Kappa Sigma

Grants:

- Rachel Chandra: Merit Award for New Researchers from VISN 10 (RFP for \$10,000) for exploratory work on "Efficacy of Chlorthalidone vs. Torsemide in Advanced CKD"
- Jack J. Chen, Pharm.D.: Awarded a grant of \$58,087.50 for "Evaluating Droxidopa for the Management of Neurogenic Orthostatic Hypotension in Parkinsonism"
- Dave L. Dixon: 2015 American Association of Colleges of Pharmacy New Investigator Award (\$10,000). "Nighttime Dosing of Amlodipine versus Lisinopril in Non-dipping African Americans." Role: PI
- Jennifer D'Souza: American Society of Health-System Pharmacists Foundation Boot Camp Grant of \$5000. "Evaluating the Impact of Pharmacist Interventions on Statin Adherence"
- Suzanne Higginbotham: American Medical Association Foundation "Healthy America Healthy People" grant

and Tobacco Free Allegheny Smoking Cessation Class funding

- Sweta Patel: Patel S, Ryan G, Haomiao Jia. "Closing Communication Gap About Medication Utilization: Evaluation of Patient-Specific Behaviors for Not Bringing Medication Bottles to Clinic." 2014 ACCP Ambulatory Care PRN seed grant, \$2000
- Marissa Salvo: "State Public Health Actions to Prevent and Control Diabetes, Heart Disease, Obesity and Associated Risk Factors and Promote School Health – Pharmacy Initiative." CDC grant
- Vivian W. Tang: Thomas H. Nimick Jr. Competitive Research Fund with the University of Pittsburgh Medical Center Shadyside Hospital Foundation. "Management of Chronic Hepatitis C: A Mixed Methods Study of Family Medicine Physicians." Amount funded: \$6225

Publications:

- **Anderson SL**, Christensen S. Hypersensitivity reaction to omeprazole in a patient treated for *Helicobacter pylori*. *Ther Adv Gastroenterol* 2015;8:101-4.
- Fosmire Rundgren EW, **Anderson SL**, Marrs JC. Response to comment "evaluation of aspirin use for primary prevention in diabetic patients." *Ann Pharmacother* 2015;49:262-3.
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- **Crowl A**, Lounsbery J. What are effective treatments for medication overuse headache? *Evid Based Pract* 2014;17:E10-11.
- **Crowl A**, Schullo-Feulner A, Moon J. A review of warfarin monitoring in antiphospholipid syndrome and lupus anticoagulant. *Ann Pharmacother* 2014;48:1479-83.
- Abbate A, Van Tassel BW, Canada JM, **Dixon DL**, Arena RA, Biondi-Zoccai G. Pharmacologic and surgical interventions to improve functional capacity in heart failure. *Heart Fail Clin* 2015;11:117-24.
- **Fasanella D**. Overview of the AACE comprehensive diabetes algorithm – 2013. *The Lobbyist: District of Columbia College of Clinical Pharmacy Newsletter*. October 2013;2:3-4.
- Tejada F, **Fasanella D**. Faculty and students' opinions on team assessments in a three year accelerated pharmacy curriculum [abstract]. *Am J Pharm Educ* 2014;78:Article 111.
- **Goldman-Levine JD**. Insulin pen problem. Expert questions and answers. *Diabetes Self Manag* 2014; Oct: 75.
- Dinsmore S, Grams K, **Goldman-Levine JD**, Couris RR. An overview of glycemic goals and medications used to manage type 2 diabetes. *Nutrition Today* 2015;50:40-8.
- Shaikh N, **Goldman-Levine JD**. Ready, aim, inject! All about needles and syringes. *Diabetes Self Manag* 2014; Dec: 16-23.
- Shaikh N, **Goldman-Levine JD**. Insulin injection technique for adults and children with diabetes. *Pract Diabetol* 2014;33:19-21.
- Sparkes S, **Goldman-Levine JD**. Breaking down barriers: a second attempt at inhaled insulin. *AADE Pract* 2015;3:44-7.
- Farrell TW, Tomoiaia-Cotisel A, Scammon DL, Brunisholz K, Kim J, Day J, Gren LH, Wallace S, **Gunning K**, Tabler J, Magill MK. Impact of an integrated transition management program in primary care on hospital readmissions. *J Healthcare Qual* 2015;37:81-92.
- Pippitt K, **Gunning K**. Lidocaine for pain control during IUD placement. *Am Fam Physician* 2014;90:612.
- Unni S, Yao Y, Milne N, **Gunning K**, Curtis JR, LaFleur J. An evaluation of clinical risk factors for estimating fracture risk in postmenopausal osteoporosis using an electronic medical record database. *Osteoporos Int*. 2014 Oct 7. [Epub ahead of print]

- Koerner PH, Miller RT, **Higginbotham SK**. Development of a community residency program with a focus on specialty pharmacy. *Am J Health Syst Pharm* 2014;71:2067-72.
- Ho J, Bidwal MK, Lopes IC, Shah BM, **Ip EJ**. Implementation of an accelerated physical examination course in a doctor of pharmacy program: a flipped approach. *Am J Pharm Educ* 2014;78:182.
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- Lyons W, Cook K, **Sobeski Farho L**. Interprofessional collaboration with pharmacists. *Portal of Geriatrics Online Education (POGOe)*, 2014. Available at www.pogoe.org/productid/21689.
- Saleem SA, Ammannagari N, **Winans ARM**, Leonardo J. Diffuse alveolar hemorrhage: a fatal complication of rituximab. *Global J Hematol Blood Transfus* 2015;2:1-3.

Other Notable Achievements:

- Jack J. Chen, Pharm.D.: Appointed as the American Academy of Neurology member delegate to the United States Pharmacopeial Convention

- Dave L. Dixon: Appointed to a 3-year term on the Credentialing and Membership Committee, American College of Cardiology
- Dave L. Dixon: Appointed to the Prevention of Cardiovascular Disease section's Diabetes Work Group, American College of Cardiology
- Grace Earl, Pharm.D., BCPS, Assistant Professor in the Department of Pharmacy Practice and Administration, Philadelphia College of Pharmacy at the University of the Sciences: Appointed Guest Editor for the "Rx and OTC Update" column published in *Advance for Nurses*. *Advance for Nurses* is a print and digital publication from Merion Matters, Inc., King of Prussia, Pennsylvania. The publication provides concise summaries of new drugs and emphasizes practical implications for dose administration and monitoring. Available at <http://nursing.advanceweb.com/>.
- Eric J. Ip: Awarded Fellow of the California Society of Health-System Pharmacists (FCSHP)
- Jennie Broders Jarrett: Awarded New Faculty Scholar Award from the Society of Teachers of Family Medicine (STFM)
- Renee Koski: Received merit promotion
- Megan Malone: Board Certified Ambulatory Care Pharmacist
- Alicia Spence: Board Certified Ambulatory Care Pharmacist

Presentations:

- **Fasanella D**: "Type 2 Diabetes Mellitus: Pharmacotherapy Targeting Alternative Pathways." ACPE-accredited continuing education program for pharmacists and nurses presented as a live webinar at FreeCE.com
- **Fasanella D**: Three presentations given August, September, and October 2014. Financial support provided by Pharmaceutical Education Consultants, Inc.
- Galiano B, Freeman R, Saad L, Dang Y, **Fasanella D**. Design and implementation of a patient assessment tool to measure diabetes knowledge and willingness to engage in self-care behaviors. American Society of Health-System Pharmacists Midyear Clinical Meeting; December 2014; Anaheim, CA.
- Tejada F, **Fasanella D**. "Faculty and Students' Opinions on Team Assessments in a Three Year Accelerated Pharmacy Curriculum." American Association of Colleges of Pharmacy Annual Meeting; July 2014; Grapevine, TX.
- **Sobeski LM**: Testosterone replacement in cardiovascular disease. Session: Drug Therapy Controversies:

Clinical Pearls for Your Practice. Presented at: American Geriatrics Society 2014 Annual Meeting; May 15, 2014; Orlando, FL.

- **Sobeski LM**, Corn CE, Klepser DG. Antidementia drug prescribing patterns in a comprehensive geriatric assessment program. Poster presented at: American Geriatrics Society 2014 Annual Scientific Meeting; May 15, 2014; Orlando, FL.
- **Winans ARM**: Elected as Secretary/Treasurer of the New York State Chapter of ACCP, 2015
- **Winans ARM**, Engle A. Impact of intensive pharmacotherapeutics on emergency department medication reconciliation: a novel clinical pharmacy practice model. Poster presented at: 2014 American College of Clinical Pharmacy National Meeting; Austin, TX.

Cardiology PRN

The Cardiology PRN is pleased to report this year:

Promotions:

- Craig J. Beavers was promoted to Director of Cardiovascular Services for HCA, in addition to being Cardiovascular Clinical Pharmacist at TriStar Centennial.
- Sandra L. Chase was promoted to Senior Medical Science Liaison, Otsuka America Pharmaceutical, Inc.

Awards:

- Heba Awadallah received the Excellence Award by Catamaran.
- Rhonda Cooper-DeHoff was awarded the 2015 Distinguished Associate Member Award by the American College of Cardiology, the first time the award was presented to a pharmacist.

Grant:

- Dave L. Dixon is the PI on a \$10,000 grant from the 2015 American Association of Colleges of Pharmacy New Investigator Award titled "Nighttime Dosing of Amlodipine versus Lisinopril in Non-dipping African Americans."

Publications:

- Azim S, **Baker WL**, White WB. Evaluating cardiovascular safety and novel therapeutic agents for the treatment of type 2 diabetes mellitus. *Curr Cardiol Rep* 2014;16:541.
- Gale AM, Kaur R, **Baker WL**. Hemodynamic and electrocardiographic effects of acai berry in healthy

volunteers: a randomized controlled trial. *Int J Cardiol* 2014;174:421-3.

- Limone BL, **Baker WL**, Mearns ES, et al. Common flaws exist in published cost-effectiveness models of pharmacologic stroke prevention in atrial fibrillation. *J Clin Epidemiol* 2014;67:1093-102.
- **Beavers CJ**, Alburikan KA, Rodgers JE, Dunn SP, Reed BN. Distinguishing anemia and iron deficiency of heart failure: signal for severity of disease or unmet therapeutic need? *Pharmacotherapy* 2014;34:719-32.
- Clark MG, **Beavers CJ**, Osborne J. Managing the acute coronary syndrome patient: evidence based recommendations for anti-platelet therapy. *Heart Lung J Acute Crit Care*. 2015 Jan 12. [Epub ahead of print]
- **Cheng JW**, Cooke Ariel H. Pharmacists' role in the care of patients with heart failure: review and future evolution. *J Manag Care Pharm* 2014;20:1-8.
- **Cheng JWM**. Congestive heart failure. In: Singleton JK, DiGregorio RV, eds. *Primary Care*, 2nd ed. Philadelphia: Lippincott-Raven, 2014.
- **Cheng JWM**. Atrial fibrillation. In: Singleton JK, DiGregorio RV, eds. *Primary Care*, 2nd ed. Philadelphia: Lippincott-Raven, 2014.
- **Cheng JWM**. Hypertension. In: Singleton JK, DiGregorio RV, eds. *Primary Care*, 2nd ed. Philadelphia: Lippincott-Raven, 2014.
- Gubbins PO, Micek ST, Badowski M, **Cheng J**, Gallagher J, et al. Innovation in clinical pharmacy practice and opportunities for academic-practice partnership. *Pharmacotherapy* 2014;34:e45-e54.
- **Clark NP**, Delate T, Riggs CS, Witt DM, Hylek EM, Garcia DA, Ageno W, Dentali F, Crowther MA. Warfarin-Associated Research Projects and Other Endeavors Consortium. Warfarin interactions with antibiotics in the ambulatory care setting. *JAMA Intern Med* 2014;174:409-16.
- Cho Se, Delate T, Witt DM, **Clark NP**. Thromboembolic and bleeding outcomes of extended duration low-intensity warfarin following elective total knee arthroplasty. *Thromb Res* 2014 Dec 13. [Epub ahead of print]
- Riggs CS, Delate T, **Clark NP**. Supratherapeutic international normalized ratios in warfarin-treated patients who receive a highly potentiating antimicrobial course—reply. *JAMA Intern Med* 2014;174:1200-1.
- Wood MD, Delate T, Clark M, **Clark NP**, Horn JR, Witt DM. An evaluation of the potential drug interactions between warfarin and levothyroxine. *J Thromb Haemost* 2014;12:1313-9.
- Jentzer JC, **Coons JC**, Link CB, Schmidhofer M. Pharmacotherapy update on the use of vasopressors

- and inotropes in the intensive care unit. *J Cardiovasc Pharmacol Ther.* 2014 Nov 28. [Epub ahead of print]
- Schwier NC, **Coons JC**, Rao SK. Pharmacotherapy update of acute idiopathic pericarditis. *Pharmacotherapy* 2015;35:99-111.
 - **DiDomenico RJ, Bress AP**, Na-Thalang K, Tsao YY, **Groo VL**, Deyo KL, Patel SR, Bishop JR, **Bauman JL**. Use of a simplified nomogram to individualize digoxin dosing versus standard dosing in patients with heart failure. *Pharmacotherapy* 2014;34:1121-31.
 - Prieto-Centurion V, Markos MA, Ramey NI, Gussin H, Nyenhuis S, Joo MJ, Prasad B, Bracken N, **DiDomenico R**, Godwin PO, Jaffe HA, Kalhan R, Pickard AS, Pittendrigh B, Schatz B, Sullivan JL, Thomashow BM, Williams MV, Krishnan JA. Interventions to reduce rehospitalizations following COPD exacerbations: a systematic review. *Ann Am Thorac Soc* 2014;11:417-24.
 - **Dobesh PP**, Fanikos J. New oral anticoagulants for the treatment of venous thromboembolism: understanding the differences and similarities. *Drugs* 2014;74:2015-32.
 - **Dobesh PP**, Oestreich JH. Ticagrelor: pharmacokinetic, pharmacodynamics, clinical efficacy, and safety. *Pharmacotherapy* 2014;34:1077-90.
 - **Dobesh PP**, Olsen KM. Statins role in the prevention and treatment of sepsis. *Pharmacol Res* 2014;88:31-40.
 - Trujillo T, **Dobesh PP**. Clinical use of rivaroxaban: pharmacokinetic and pharmacodynamics rationale for dosing regimens in different indications. *Drugs* 2014;74:1587-603.
 - **Finks SW, Ripley TL**. Sorting it out: what JNC8 is and what JNC8 is not. *J Manag Care Spec Pharm* 2015;21:110-2.
 - **Hollis IB, Jennings DL, Oliphant CS, Baker WL, Davis EM, Allender JE, Zemrak WR, Ensor C**. Key articles and guidelines in the management of patients undergoing cardiac surgery. *J Pharm Pract* 2015;28:67-85.
 - **Horn JR**, Hansten PD. Hyperkalemia from drug interactions: new data. *Pharmacy Times* 2014;80(July):42.
 - **Horn JR**, Hansten PD. Statins and OATP interactions. *Pharmacy Times* 2014;80(June):42.
 - Hansten PD, **Horn JR**. Top 100 Drug Interactions 2015: A Guide to Patient Management. H&H Publications, 2015.
 - **Jackevicius CA**, Co MJ, Warner A. Predictors of erythropoietin use in patients with cardio renal anemia syndrome. *Int J Pharm Pract.* 2014 Jul 2. [Epub ahead of print]
 - **Jackevicius CA**, Glassman P. Laboratory monitoring for pharmaceuticals: familiarity does not breed contempt [editorial]. *J Gen Intern Med* 2014;29:1574-6.
 - **Jackevicius CA**, Wong J, Aroustamian I, Gee M, Mody FV. Rates and predictors of angiotensin-converting enzyme inhibitor discontinuation subsequent to elevated serum creatinine: a retrospective study. *BMJ Open* 2014;4:8 e005181.
 - Mulla SM, Scott IA, **Jackevicius CA**, You JJ, Guyatt GH. How to use a non-inferiority trial. In: Guyatt G, Rennie D, Meade MO, Cook DJ, et al. *Users' Guide to the Medical Literature – A Manual for Evidence-Based Clinical Practice*, 3rd ed. New York: McGraw-Hill, 2014.
 - Ross JS, Frazee SG, Garavaglia SB, Levin R, Novshadian H, **Jackevicius CA**, Stettin G, Krumholz HM. Trends in use of ezetimibe after the ENHANCE trial, 2007-2010. *JAMA Intern Med* 2014;174:1486-93.
 - **Jenkins AT, Marshall JL**. Chapter 7: cardiovascular exam. In: Hardy YM. *Patient Assessment in Pharmacy: A Culturally Competent Approach*. Burlington, MA: Jones & Bartlett, 2016:129-53.
 - **Jennings DL, Ensor CR**. Pharmacotherapy considerations before and after cardiac surgery. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program, 2014 Book 2. Cardiology Care*. Lenexa, KS: American College of Clinical Pharmacy, 2014:224-41.
 - **Jennings DL**, Wagner JL, **Nemerovski CW**, Kalus JS, Morgan JA, Lanfear DE. Epidemiology and outcomes associated with anemia during long-term continuous-flow left ventricular assist device support. *J Card Fail* 2014;20:387-91.
 - **Jennings DL, Weeks P**. Thrombosis in continuous-flow left-ventricular assist devices: pathophysiology, prevention, and pharmacologic management. *Pharmacotherapy* 2015;35:79-98.
 - **Jennings DL**, Jacob M, Chopra A, Nemerovski C, Morgan JA, Lanfear DE. Safety of anticoagulation reversal in patients supported with continuous-flow left-ventricular assist devices. *ASAIO J* 2014;60:381-4.
 - **Lalama JT**, Feeney ME, Vandiver JW, et al. Assessing an enoxaparin dosing protocol in morbidly obese patients. *J Thromb Thrombolysis.* 2014 Aug 2. [Epub ahead of print]
 - Oni-Orisan A, Alsaleh N, **Lee CR**, Seubert JM. Epoxyeicosatrienoic acids and cardioprotection: the road to translation. *J Mol Cell Cardiol* 2014;74:199-208.
 - Schuck RN, Zha W, Edin ML, Gruzdev A, Vendrov KC, Miller TM, Xu Z, Lih FB, DeGraff LM, Tomer KB, Jones HM, Makowski L, Huang L, Poloyac SM, Zeldin DC, **Lee CR**. The cytochrome P450 epoxygenase pathway

regulates the hepatic inflammatory response in fatty liver disease. *PLoS One* 2014;9:e110162.

- Zha W, Edin ML, Vendrov KC, Schuck RN, Lih FB, Jat JL, Bradbury JA, DeGraff LM, Hua K, Tomer KB, Falck JR, Zeldin DC, **Lee CR**. Functional characterization of cytochrome P450-derived epoxyeicosatrienoic acids (EETs) in adipogenesis and obesity. *J Lipid Res* 2014;55:2124-36.
- **Lose J, Dorsch MP, DiDomenico RJ**. Differences in practice patterns between inpatient cardiology pharmacists with Board of Pharmaceutical Specialties Added Qualifications in Cardiology compared to pharmacists without this distinction. *Hosp Pharm* 2015;50:51-8.
- **McConnell KJ, Stadler SL**. Update on the therapeutic management of hypertension. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program, 2014 Book 2. Cardiology Care*. Lenexa, KS: American College of Clinical Pharmacy, 2014:10-32.
- Meyer MR, **McConnell KJ**. The role of new PAH therapies. *Pharmacology Consult. Cardiology Today* 2014;17:36-8.
- **Nutescu EA**, Bathija S, Chan J, Engle J, Grim S, Mucksavage J, Ohler K, **Shapiro NL**, Tesoro E, **DiDomenico RJ**. Balance of academic responsibilities of clinical track pharmacy faculty. *Pharmacotherapy* 2014;34:1239-49.
- Kimmons L, Davis M, Segars B, Kabra R, **Oliphant CS**. Dabigatran use in the real world: a multi-hospital system experience. *J Pharm Pract* 2014;27:384-8.
- Self TH, **Oliphant CS**, Reaves AB, Richardson AM, Sands CW. Fever as a risk factor for increased response to vitamin K antagonists: a review of the evidence and potential mechanisms. *Thromb Res* 2015;135:5-8.
- Billups SJ, Moore L, **Olson KL**, Magid DJ. Cost-effectiveness evaluation of a home blood pressure monitoring program. *Am J Manag Care* 2014;20:e380-7.
- Irwin A, Gerrity T, Heilmann R, Kroner B, **Olson KL**. Use of a pharmacy technician to facilitate post-fracture care provided by clinical pharmacy specialists in a primary care setting. *Am J Health Syst Pharm* 2014;71:2054-9.
- McGinnis B, Kauffman Y, **Olson KL**, Witt DM, Raebel MA. Interventions aimed at improving performance on medication adherence metrics. *Int J Clin Pharm* 2014;36:20-5.
- **Ripley TL, Brenner M, Finks SW, Hough A, McConnell KJ, Parker M, Dobesh P**. Key articles and guidelines in the management of hypertension: 2014 update. *J Pharm Pract*. 2015 Feb 8. [Epub ahead of print]

- **Smythe MA**, Forsyth L, Warkentin TE, Smith M, Sheppard JI, Shannon F. Progressive, fatal thrombosis associated with heparin-induced thrombocytopenia following cardiac surgery despite "therapeutic" anticoagulation with argatroban: potential role for PTT and ACT confounding. *J Cardiovasc Vasc Anesth*. In press. Published online before print: August 26, 2014.
- **Smythe MA**, Koerber JM, Forsyth LL, Tuchscherer RM. Implications of heparin-induced thrombocytopenia overdiagnosis. *Ann Pharmacother* 2014;48:1394-5.
- Frenzl G, Sodickson AC, Chung MK, Waldo AL, Gersh BJ, **Tisdale JE**, Calkins H, Aranki S, Kaneko T, Cassivi S, Smith SC Jr, Darbar D, Wee JO, Waddell TK, Amar D, Adler D. 2014 AATS guidelines for the prevention and management of perioperative atrial fibrillation and flutter for thoracic surgical procedures. Executive summary. *J Thorac Cardiovasc Surg* 2014;148:772-91.
- Frenzl G, Sodickson AC, Chung MK, Waldo AL, Gersh BJ, **Tisdale JE**, Calkins H, Aranki S, Kaneko T, Cassivi S, Smith SC Jr, Darbar D, Wee JO, Waddell TK, Amar D, Adler D. 2014 AATS guidelines for the prevention and management of perioperative atrial fibrillation and flutter for thoracic surgical procedures. *J Thorac Cardiovasc Surg* 2014;148:e153-193.
- Abbate A, **Van Tassel BW**, Canada JM, **Dixon DL**, Arena RA, Biondi-Zoccai G. Pharmacologic and surgical interventions to improve functional capacity in heart failure. *Heart Fail Clin* 2015;11:117-24.

Poster/Abstract Presentations:

- Mathew S, McNeely EB, **Beavers CJ**. Evaluation of the impact of the heparin purge solution when added to full systemic heparin with the Impella® device. American Society of Health-System Pharmacists Midyear Clinical Meeting; December 2014; Anaheim, CA.
- Kim K, Ardati A, **DiDomenico R, Cavallari L**, Touchette DR. Cost-effectiveness of genotype/phenotype driven ticagrelor versus clopidogrel selection in the patients with acute coronary syndrome. *J Am Coll Cardiol* 2014;63:[Abstract A24]. Presented at: 63rd Annual American College of Cardiology Scientific Session and Expo; March 2014; Washington, DC.
- **Jackevicius CA, Lu L**, Lee T, Cho J, Ghaznavi Z, Warner A. Association of alpha-blocker use and heart failure hospitalization. Abstract presented at: American Heart Association Scientific Session 2014; November 2014; Chicago, IL.
- **Jennings DL**, Horn E, Lyster H, Panos A, Teuteberg JJ, Lehmkuhl H, Wolowich W, Shullo M. Assessing anticoagulation practice patterns in patients on durable mechanical circulatory support devices: an international survey. Presented at: International Society of

Heart and Lung Transplantation, 35th Annual Meeting and Scientific Sessions; April 2015; Nice, France.

- **Lu L**, Krumholz HM, Tu J, Ko DK, Ross J, **Jackevicius CA**. Impact of drug policy on regional trends in ezetimibe use. Invited representation in: Best of AHA Specialty Conferences at AHA Scientific Session; November 2014; Chicago, IL. Poster originally presented at: American Heart Association Quality of Care and Outcomes Research (AHA/QCOR) meeting; May 2014; Baltimore, MD.
- **Tisdale JE**, Jaynes HA, Overholser BR, Sowinski KM, Flockhart DA, Kovacs RJ. Influence of oral progesterone administration on QT interval response to I_{Kr} inhibition. Session: Treatment of Arrhythmias: Pharmacological—Antiarrhythmic Therapy. *Circulation* 2014;130:A18740.

Presentation:

- Jennings DL: Pharmacy Practice Module – Advanced Learning Series 3 (Pharmacotherapy of heart failure and atrial fibrillation). Presented at: Shri Vishnu College of Pharmacy/Indian Association of Colleges of Pharmacy; Vishnupur, Bhimavaram, West Godavari District, Andhra Pradesh, India.

Other Notable Achievements:

- Jessica Allender was appointed as Director of the Cardiology PGY2 Residency Program at WakeMed, in addition to her responsibilities as Director of the Critical Care PGY2 Residency Program.
- William L. Baker was appointed to a 3-year term on the Academic Cardiology Section Leadership Council, American College of Cardiology.
- Craig J. Beavers started a PGY2 Cardiology Residency at TriStar Centennial Medical Center.
- Craig J. Beavers received Additional Qualifications in Cardiology from BPS.
- Craig J. Beavers was elected as a Fellow of the American Heart Association.
- Craig J. Beavers has advanced to Associate of the American College of Cardiology.
- Craig J. Beavers was appointed as an inaugural committee member for the Cardiovascular Professionals Committee for the Society for Cardiac Angiography and Interventions.
- William E. Dager received recognition as an MCCM (Master of Critical Care Medicine) from the Society of Critical Care Medicine, one of only a few pharmacists who have been so acknowledged.
- Dave L. Dixon was appointed to a 3-year term on the Credentialing and Membership Committee, American College of Cardiology.

- Dave L. Dixon was appointed to the Prevention of Cardiovascular Disease Section's Diabetes Work Group, American College of Cardiology.
- Mona Fiuzat was named the HFSA Program Scientific Sessions Co-chair (2014–2016), the first pharmacist to serve in this role.
- Mona Fiuzat was named the HFSA Membership Committee Co-chair.
- Jeffrey T. Lalama was awarded Teacher of the Year for 2014 by the P2 class of Regis University School of Pharmacy.
- Tien M.H. Ng was appointed as an Associate Editor for the *Journal of Cardiac Failure*.
- Chris Paciullo received recognition as a Fellow of the Society of Critical Care Medicine (FCCM).
- C. Michael White, Craig I. Coleman, and William L. Baker: The University of Connecticut/Hartford Hospital received designation as one of 13 Evidence-Based Practice Centers by the Agency for Healthcare Research and Quality, the only program run by pharmacists.

Central Nervous System PRN

Introduction:

The Central Nervous System PRN Programming Committee has been collaborating with the Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN to develop an exciting joint focus session, "An Update of Psychotropic Pharmacogenomics," for the upcoming ACCP Global Conference in beautiful San Francisco.

Promotions:

- Jack J. Chen, Pharm.D., FASCP, FCCP, BCPS, CGP: Professor and Chair of Pharmacy Practice – School of Pharmacy – Marshall B. Ketchum University, Fullerton, CA
- James L. Roerig, Pharm.D., BCPP: Director, Undergraduate Medical Education in Psychiatry, & Psychiatry Clerkship and Assistant Director, Psychiatry Residency Program – School of Medicine and Health Sciences – University of North Dakota

Grants:

- Jack J. Chen: \$58,000 for "Systematic Review of Droxidopa for Neurogenic Orthostatic Hypotension in Parkinsonism"
- Tracy L. Skaer: \$27,546 from Washington State University Alcohol and Drug Abuse Research Program: "Multiple Family Groups, Mindfulness, and the Management of Chronic Pain and High-Risk Opioid Use"

- Tracy L. Skaer: \$4000 from Washington State University Alcohol and Drug Abuse Research Program: Undergraduate Research Fellowship: "Complementary and Alternative Medicine Use Among Chronic Pain Patients." Student: A.L. Male Ervik, Pharm.D. Candidate 2015; Faculty Adviser: Tracy L. Skaer
- Tracy L. Skaer: \$4000 from Washington State University Alcohol and Drug Abuse Research Program: Undergraduate Research Fellowship: "Management of Chronic Pain in Patients with High-Risk Opioid Use Through Narcotic Education." Student: A. Nwude, Pharm.D. Candidate 2015; Faculty Adviser: Tracy L. Skaer, Pharm.D., BPharm

Publications:

- **Schneiderhan ME**, Nelson LA, Dellenbaugh T. Assessment of mental illness. In: DiPiro JT, Talbert RL, Yee GC, et al., eds. *Pharmacotherapy: A Pathophysiological Approach*, 9th ed. McGraw-Hill, 2014. (eChapter)
- **Schneiderhan ME**, Shuster S, Davey CS. 12-month prospective randomized study of pharmacists utilizing point-of-care screenings for metabolic syndrome and related conditions in subjects prescribed antipsychotics. *Prim Care Companion CNS Disord* 2014;16(5). Available at www.psychiatrist.com/PCC/article/Pages/2014/v16n05/14m01669.aspx.
- **Skaer TL**. Fibromyalgia: disease synopsis, medication cost-effectiveness, and economic burden. *Pharmacoeconomics* 2014;32:457-66.
- **Skaer TL**. Dosing considerations with transdermal formulations of fentanyl and buprenorphine for the treatment of cancer pain. *J Pain Res* 2014;7:495-503. Online Open Access: <http://dx.doi.org/10.2147/JPR.S36446>.
- **Skaer TL**, Male Ervik AL, Nwude A. Mindfulness-based therapy for chronic insomnia. *J Sleep Med Disord* 2014;1:1007. Online Open Access: www.jsccimedcentral.com/SleepMedicine/sleepmedicine-1-1007.pdf.
- **Skaer TL**, Nwude A, Male Ervik AL. Sleep disturbance and suicide risk in the elderly. *J Sleep Med Disord* 2014;3:181. Online Open Access: <http://dx.doi.org/10.4172/2167-0277.1000181>.

Other Notable Achievements:

- Jack J. Chen: Appointment to the American Academy of Neurology as the National Representative to the US Pharmacopeia
- Tracy L. Skaer: Editorial Board Member, *Journal of Sleep Medicine and Disorders*
- Tracy L. Skaer, Pharm.D., FASHP, FABFE: Editorial Board Member: *Pain Studies and Treatment*

- Tracy L. Skaer: Grant Reviewer, Washington State University Alcohol and Drug Abuse Research Program
- Tracy L. Skaer: Reviewer, *Journal of Addiction Medicine and Therapy*
- Tracy L. Skaer: Reviewer, *Pain Practice*
- Tracy L. Skaer: Reviewer, *International Clinical Psychopharmacology*
- Tracy L. Skaer: Faculty Adviser, Collaborations in Integrative and Allopathic Medicine Interest Group (CIAM) for professional students, Washington State University – Spokane
- Tracy L. Skaer: Member, Campus Wellness Collaborative, Washington State University – Spokane

Clinical Administration PRN

Introduction:

The Clinical Administration PRN (CADM) has worked to develop a topic for the 2015 ACCP Annual Meeting and has submitted a proposal addressing pharmacy productivity and metrics in electronic health record systems. The CADM committees are creating a competency module and developing a way to distribute travel stipends for qualified resident members, and they will create and distribute a newsletter for members. The CADM will support a member by providing a scholarship for investigator training to either the FIT or the MeRIT program.

Promotions:

- Andrew Donnelly: Appointed Assistant Dean for Clinical Affairs at the University of Illinois at Chicago College of Pharmacy in November 2014
- Angela Smith: Promoted to Director of Pharmacy, North Carolina Department of Health and Human Services, Division of State Operated Healthcare Facilities

Award:

- Andrew Donnelly: Received the Amy Lodolce Mentorship award from the Illinois Council of Health-System Pharmacists in September 2014

Publications:

- Andrew Donnelly: Balance of academic responsibilities of clinical track pharmacy faculty in the United States: a survey of select American College of Clinical Pharmacy Practice and Research Network members. *Pharmacotherapy*. December 2014.
- Nicolas Forcade: Impact of empiric weight-based vancomycin dosing on nephrotoxicity and

mortality in geriatric patients with methicillin-resistant *Staphylococcus aureus* bacteraemia. *J Clin Pharm Ther* 2014;39:653-7.

- Nicolas Forcade: Empiric weight-based vancomycin in intensive care unit patients with methicillin-resistant *Staphylococcus aureus* bacteremia. *Am J Med Sci* 2014;348:371-6.

New ACCP Fellow:

- Scott Soefje, Pharm.D., MBA, FCCP, BCOP: Austin, Texas

Other Notable Achievements:

- Richard J. Artymowicz, Pharm.D., MBA, FCCP, BCPS, received his MBA degree from Rutgers University in 2014.
- Nicolas Forcade joined St. David's South Austin Medical Center as Pharmacy Clinical Manager (September 2014).

Critical Care PRN

Introduction:

The Critical Care PRN remains one of the largest PRNs within ACCP, with more than 2200 members. Our PRN is currently developing a webinar, together with the Infectious Diseases and Emergency Medicine PRNs, on Ebola management, and is exploring additional webinar activities. In addition, the PRN is working on initiatives targeting PGY2 critical care residency directors and helping our members gain fellowship in the College.

Promotions:

- Michael Bentley: Adjunct Associate Professor, Virginia Tech Carilion Research Institute, and Adjunct Associate Professor of Health Sciences, Virginia Tech
- Carinda Field: Assistant Dean and Campus Director at University of Florida College of Pharmacy, St. Petersburg Campus
- Heather Personett: Assistant Professor of Pharmacy for the Mayo Clinic College of Medicine

Awards:

- Mitchell Buckley: American Society of Health-System Pharmacists Best Practices – "Impact of a Clinical Pharmacist Acid Suppression Therapy Management Program on Inappropriate Use in Intensive Care Unit and General Ward Patients"
- Tara Posey: Award for Commitment to Excellence in Service

- Pamela Smithburger: Society of Critical Care Medicine Clinical Pharmacy and Pharmacology Section Medication Safety Award

Publications:

- **Anger KE**, Belisle C, Colwell MB, Dannemiller R, Alawadhi B, Wilkocki A, Szumita PM. Safety of compounded calcium chloride admixtures for peripheral intravenous administration in the setting of a calcium gluconate shortage. *J Pharm Pract* 2014;27:474-7.
- Gillis CM, Poyant JO, Degrado JR, Ye L, **Anger KE**, Owens RL. Inpatient pharmacological sleep aid utilization is common at a tertiary medical center. *J Hosp Med* 2014;9:652-7.
- Reardon DP, Degrado JR, **Anger KE**, Szumita PM. Early vasopressin reduces incidence of new onset arrhythmias. *J Crit Care* 2014;29:482-5.
- **Bentley ML**, Hollister AS, Hansen AC, Smith JA, Cain JS. Peramivir pharmacokinetics in a patient receiving continuous veno-venous hemodiafiltration during the 2009 H1N1 influenza A pandemic. *Int J Clin Pharmacol Ther* 2014;52:1105-11.
- **Bolesta S**, Chmil JV. Interprofessional education among student health professionals using human patient simulation. *Am J Pharm Educ* 2014;78:Article 94. Available at www.ajpe.org/doi/full/10.5688/ajpe78594.
- **Buckley MS**, Berry AJ, Kazem NH, Patel SA, Librodo PA. Clinical utility of treprostinil in the treatment of pulmonary arterial hypertension: an evidence-based review. *Core Evid* 2014;9:71-80.
- **Flannery AH**, Adams VR, Burgess DS. Optimizing PGY3 training [letter]. *Am J Health Syst Pharm* 2014;71:1924-5.
- **Flannery AH**, Kane SP, Coz-Yataco A. A word of caution regarding proposed benefits of albumin from ALBIO: a dose of healthy skepticism. *Crit Care* 2014;18:509.
- **Flannery AH**, Kruger PS. POINT: should patients receiving statins prior to ICU admission be continued on statin therapy? *Chest* 2014;146:1431-3. [invited]
- **Flannery AH**, Kruger PS. Rebuttal from Drs Flannery and Kruger. *Chest* 2014;146:1435-6. [invited]
- **Flannery AH**, Winstead PS, Smith KM. Transforming the curriculum vitae as a new practitioner. *Am J Health Syst Pharm* 2014;71:2115-7.
- **Groth CM**, Acquisto NM. Pharmacists as members of the rapid response team. *J Pharm Pract* 2014; Aug 8:1-5.
- **Groth CM**, Acquisto NM. 2014. H1-Blockers. In: Wexler P, ed. *Encyclopedia of Toxicology*, 3rd ed. Elsevier, Academic Press, 2014:809-12.

- **Hamilton LA**, Lockhart NR, Crain MR. *Candida glabrata* and *Candida tropicalis* in an immunocompetent patient: a case report. J Pharm Pract 2015. In press.
 - Elmore LK, **Hamilton LA**. Argatroban for the treatment of heparin-induced thrombocytopenia in end-stage renal disease and acute kidney injury. Tenn Med. In press.
 - **Hammond DA**, DeRemer CE, Killough DM, Berman A. Intermediate-dose enoxaparin after cardiac ablation procedures. JHC 2014;1:1-8.
 - **Hammond DA**, Tan S, Smotherman C, Jankowski CA, Ocean O, Kraemer D, DeLosSantos M. Short course of ranolazine prevents post-operative atrial fibrillation following coronary artery bypass grafting and valve surgeries. Clin Res Cardiol. Accepted for publication.
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 - **Kruer RM**, Jarrell AS, Latif A. Reducing medication errors in critical care: a multi-modal approach. Clin Pharmacol 2014;6:117-26.
 - **Leedah DD**, Frazee EN, Schramm GE, Dierkhising RA, Bergstralh EJ, Chawla LS, Kashani KB. Derivation of urine output thresholds that identify a very high risk of AKI in patients with septic shock. Clin J Am Soc Nephrol 2014;9:1168-74.
 - **Leedah DD**, Personett HA, Gajic O, Kashyap R, Schramm GE: Predictors of mortality among bacteremic patients with septic shock receiving appropriate antimicrobial therapy. BMC Anesthesiol 2014;14:21.
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 - **Smithburger PL**, Smith RB, Kane-Gill SL, Empey PE. Patient predictors of dexmedetomidine effectiveness for sedation in intensive care units. Am J Crit Care 2014;23:160-5.
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 - Holliday SF, Kane-Gill SL, Empey PE, Buckley MS, **Smithburger PL**. Interpatient variability in dexmedetomidine response: a survey of the literature [review]. ScientificWorldJournal. 2014;2014:805013. eCollection 2014.
 - Kane-Gill SL, Rubin EC, **Smithburger PL**, Buckley MS, Dasta JF. The cost of opioid-related adverse drug events. J Pain Palliat Care Pharmacother 2014;28:282-93.
 - Kloet MA, Lohr BR, **Smithburger PL**, Seybert AL, Kane-Gill SL. Prospective assessment of inpatient boxed warning prescriber adherence. J Patient Saf. 2014 Mar 18. [Epub ahead of print]
 - Rivosecchi RM, Rice MJ, **Smithburger PL**, Buckley MS, Coons JC, Kane-Gill SL. An evidence based systematic review of remifentanyl associated opioid-induced hyperalgesia. Expert Opin Drug Saf 2014;13:587-603.
 - Hill DM, **Wood GC**, Hickerson WL. Linezolid bladder irrigation as adjunctive treatment for a vancomycin-resistant *Enterococcus faecium* catheter-associated urinary tract infection: a case report. Ann Pharmacother 2015;49:250-3.
- New ACCP Fellows:**
- Mitchell Buckley: Fellow of the American College of Clinical Pharmacy
 - Tony Gerlach: Fellow of the American College of Clinical Pharmacy
- Other Notable Achievements:**
- Kevin Anger: Board Certified Pharmacotherapy Specialist
 - Kara L. Birrer: Founding member, ACCP Perioperative PRN

- Scott Bolesta: Society of Critical Care Medicine Presidential Citation and Secretary/Treasurer, ACCP Critical Care PRN
- Mason Bucklin: Board Certified Pharmacotherapy Specialist and ACCP Emergency Medicine PRN Secretary/Treasurer
- Carinda Field: American College of Critical Care Medicine
- Alexander Flannery: Chair, Professional Practice Advisory Group, American Society of Health-System Pharmacists
- Tony Gerlach: Chair, Society of Critical Care Medicine (SCCM) Chapter Alliance; Ex Officio Member, SCCM Council; and Chair, SCCM Membership Committee
- Christine Groth: Received CCPTN (Critical Care Pharmacotherapy Trials Network) support for a study looking at RSI practices across the country
- Leslie Hamilton: American Association of Colleges of Pharmacy: Chair of the Pharmacy Practice Awards Committee
- Drayton A. Hammond: Chair of the ACCP Critical Care PRN Student/Resident/Fellow Committee
- Judi Jacobi: Society of Critical Care Medicine Master of Critical Care Medicine and ACCP President
- Sandra Kane-Gill, Steven Martin, Anthony Gerlach: Society of Critical Care Medicine Executive Committee and Council
- Rachel Kruer: Certified Nutrition Support Clinician and Chair-Elect, Society of Critical Care Medicine Patient Safety Committee
- Stacey Moultrie: Chair, ACCP Perioperative Care PRN
- Chris Paciullo: Fellow of the American College of Critical Care Medicine
- Heather Personett: Society of Critical Care Medicine (SCCM) Presidential Citation and SCCM Clinical Pharmacy and Pharmacology Research Committee, Chair-Elect
- Nick Peters: Board Certified Pharmacotherapy Specialist
- Tara Posey: Board Certified Pharmacotherapy Specialist
- Pamela Smithburger: Society of Critical Care Medicine highest scoring abstract, Patient Safety Category, and ACCP Critical Care PRN Secretary/Treasurer and Research Committee Chair

Drug Information PRN

Introduction:

During the 2014 ACCP Annual Meeting in Austin, Texas, the Drug Information PRN had its annual business meeting, where our new PRN officers were in attendance to continue leadership. For 2014–2015, the Drug Information PRN

officers are Cathy Ficzero, Pharm.D., BCPS (Chair), Dianne May, Pharm.D., BCPS (Chair-Elect), Andrew Abe, Pharm.D. (Secretary/Treasurer), and Sabrina Cole, Pharm.D., BCPS (Immediate Past Chair). In addition, at this meeting, the second annual Distinguished Drug Information Practitioner Award was presented to Russell May, Pharm.D., FASHP, for his dedication and continued contribution to the specialty of Drug Information in clinical pharmacy.

Promotion:

- Mandy Leonard: Pharmacology Thread Course Director and Assistant Professor

Awards:

- Jamie Brown: Hospital Practice Preceptor of the Year Award – Campbell University College of Pharmacy and Health Sciences; Distinguished Young Pharmacist Award – North Carolina Association of Pharmacists
- Evelyn Hermes-DeSantis: Alumni of the Year, Ernest Mario School of Pharmacy, Rutgers, the State University of New Jersey

Publications:

- **Abe A**, Kaye AD, Gritsenko K, Urman R, Kaye AM. Perioperative analgesia and the effects of dietary supplements. *Best Pract Res Clin Anaesthesiol* 2014;28:183-9.
- Pon D, **Abe A**, Gupta EK. A review of statin use and prostate cancer. *Curr Atheroscler Rep* 2015;17:474.
- Cruz JL, Wolff ML, Vanderman AJ, **Brown JN**. The emerging role of tacrolimus in myasthenia gravis. *Ther Adv Neurol Disord* 2015.
- Naples JG, Rothrock-Christian T, **Brown JN**. Characteristics of post-graduate year 1 pharmacy residency programs at Veterans Affairs Medical Centers. *J Pharm Pract* 2015.
- Vanderman AJ, Moss JM, Bailey JK, Melnyk SD, **Brown JN**. Inhaler misuse in an older adult population. *Consult Pharm* 2015;30:92-100.
- Kendall RE, **Gosser RA**, Schultz LT, Trapskin PJ, Caponi B, Safdar N. Anti-diarrheal medication use in the treatment of Ebola virus-induced diarrhea. *Travel Med Infect Dis* 2015.
- Brunetti L, **Hermes-DeSantis E**. Patient tolerability and acceptability of colesevelam hydrochloride: focus on type 2 diabetes mellitus. *P T* 2015;40:1-6.
- Cruz JE, Cocchio C, Lai PT, **Hermes-DeSantis ER**. Prescription drug gluten content and treating patients with celiac disease in a university teaching hospital. *Am J Health Syst Pharm* 2015;72:54-60.

- Cruz JE, Saksena R, Jabbour SK, Noshier JL, **Hermes-DeSantis ER**, Moss RA. The power of genes: a case of unusually severe systemic toxicity after localized hepatic chemoembolization for metastatic colon cancer. *Ann Pharmacother* 2014;48:1646-50.
- Jackson W, Park B, Toscani M, **Hermes-DeSantis E**. Analysis of social media interactions between pharmaceutical companies and consumers: the power of the “like.” *Ther Innov Regul Sci*. Published online before print: December 15, 2014.
- Teng K, DiPiero J, Meese T, Doerr M, **Leonard MC**, Daly T, Lacbawan F, Chalmers J, Stowe D, Knoer S, Hicks JK. Cleveland Clinic’s Center for personalized healthcare: setting the stage for value-based care. *Pharmacogenomics* 2014;15(5).
- **Phillips J**, Gettig JP, McLaughlin MM, Fajiculay JR, Advincula MR. An analysis of motivation factors for pursuit of leadership positions by students. *Am J Pharm Educ* 2015;79(1).

Poster Presentations:

- Howard A, **Brown S**, Smith C. Impact of pharmacy student involvement at urban American Indian health clinic wellness classes on cardiovascular risk. Presented at: American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting; Anaheim, CA.
- McDonald K, Kobos E, **Brown S**. Shadow a pharmacy student program at the University of Montana. Presented at: ASHP Midyear Clinical Meeting; Anaheim, CA.
- Buchman CR, **Brown SJ**, Carter JT, Allington DR. Impact of a faculty-led mock interview and residency preparation course on American Society of Health-System Pharmacists Match results. Presented at: ASHP Midyear Clinical Meeting, Anaheim, CA.
- Carter JT, Beall DG, Beall HD, **Brown SJ**, Hudgins GA, Morin LJ, Procacci K, Venuti LL. Student pharmacist engagement with communities and populations in Montana. School poster presented at: American Association of Colleges of Pharmacy 2014 Annual Meeting; July 2014; Grapevine, TX.
- Kenes MT, **Leonard MC**, Bauer SR, Wyman MJ. Liposomal bupivacaine versus elastomeric continuous infusion bupivacaine pump. Presented at: OCCP Spring Meeting, May 2014; Cleveland, OH.
- Wai MC, Stabi KL, **Leonard MC**. Transmucosal immediate-release fentanyl (TIRF) products and risk evaluation and mitigation strategy (REMS) program. Presented at: The Ohio College of Pharmacy (OCCP) Spring Meeting; May 2014; Cleveland, OH.

Other Publications:

- **Phillips J**, Secord A. Promoting situational awareness and a culture of safety. *KeePosted*. February 2015.
- **Phillips J**, Ward K. Chapter 8: Descriptive statistics. In: *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Bartlett, 2015:141-52.

Other Notable Achievements:

- Sherrill Brown: Chair-Elect of Library and Information Science section of American Association of Colleges of Pharmacy
- Mandy Leonard: Three international presentations given in Saudi Arabia: “The role of pharmacy and therapeutics committees on regulating off-label use of medications: special considerations in pediatrics, risk evaluation and mitigation strategy programs: implementation in the real world, and handling sensitive issues pertaining to formulary management systems.” An ACPE-accredited seminar given to pharmacists at: Drug Formulary Management Concept, Theory, and Practice: Beyond Drug Selection Symposium, King Faisal Hospital and Research Centre; November 2014; Riyadh, Kingdom of Saudi Arabia.
- Jennifer Phillips: President-Elect, Illinois Council of Health-System Pharmacists; American Society of Health-System Pharmacists Delegate for Illinois

Education and Training PRN

Introduction:

The Education and Training PRN (EDTR) has grown to 615 members, 102 of whom are students and 18 of whom are residents. Our mission is to promote dialogue and interaction to develop programs that enhance the knowledge and skills needed to provide education and training within clinical pharmacy. The PRN is happy to share the many accomplishments of its members as we look forward to another productive year.

The EDTR once again hosted mock interviews for students and residents attending the 2014 Annual Meeting in Austin, Texas. Seventy-three interviewees, both residents and students, took part in this opportunity to learn key interviewing skills from clinical faculty and practitioners in preparation for residency or initial career position interviews. Sixty-two interviewees graciously volunteered their time to make this event a success. Most participants were able to complete at least three rounds of mock interviews to receive valuable feedback from several interviewees. We look forward to offering this activity at the 2015 Global Conference and ask that you encourage the students and residents who attend to take advantage of this opportunity.

The PRN also held its silent auction during the annual business meeting for the second year in a row. More than \$400 was raised, which will be used to continue funding the EDTR PRN Student/Resident Travel Scholarships. The PRN would like to thank the following members for their generous donations: Sandra Benavides, Joshua Caballero, Allison Chung, Andrea Franks, Bobby Helmer, Kristi Kelley, Kena Lanham, Sarah Nisly, Cynthia Phillips, Beth Resman-Targoff, Lindsay Saum, Jim Scott, Laura Siemianowski, Rebecca Sleeper, and Lynn Stevenson.

The Student and Postgraduate Trainee Support Committee worked with the PRN membership to increase the EDTR travel awards to three (two students and one postgraduate trainee) for the meeting last year, which will be continued for the 2015 Global Conference. Watch the EDTR e-mail list for additional information as well as the Student and Resident sections of ACCP's Web site.

The ACCP Updates in Therapeutics® meeting will host PRN breakfasts, as in past years. If you are attending the Updates in Therapeutics® or Academy sessions, please stop by Saturday or Sunday from 7:00 to 8:30 a.m. to say hello to PRN committee officers and members. Please also encourage nonmembers to join us for this networking session to learn more about the PRN. Consult the meeting programming calendar for more information regarding location.

Members of the EDTR are proud of the PRN's growing membership and would like the PRN's growth to continue. We encourage ACCP members who are interested in promoting our mission to join the EDTR and take an active role on a committee. A call for committee participation occurs around the time of the ACCP Annual Meeting; however, committee charges can be viewed on our ACCP site at any time.

Promotion:

- Renee Koski, Pharm.D., FMPA, CACP: Merit promotion to Professor of Pharmacy Practice at Ferris State University College of Pharmacy in February 2015

Awards:

- Kelly Cochran, Pharm.D., BCPS: Faculty Member of the Year from the Missouri Pharmacy Association
- Erica Crannage, Pharm.D., BCPS, BCACP: Volunteer Recognition Award in November 2014 for her work with the Gateway College of Clinical Pharmacy Local Chapter in St. Louis, Missouri
- Christina Madison, Pharm.D., BCACP, AAHIVP: Silver Syringe Award for Outstanding Pharmacy Immunization Program awarded by the Southern Nevada Immunization and Health Coalition in August 2014

- Christina Madison, Pharm.D., BCACP, AAHIVP: Public Health Leader of the year for 2014 by the Nevada Public Health Association

Grant:

- Kelly Cochran, Pharm.D., BCPS: Collaborator on a \$180,000 grant from the U.S. Department of Agriculture – National Institute of Food and Agriculture on the Missouri AgrAbility Project

Publications:

- **Al-Shaer MH**, Ibrahim T. Safety and efficacy of fondaparinux in renal impairment. *J Pharm Technol.* 2015 Jan 14. [Epub ahead of print]
- **Al-Shaer M**, Nazer LH, Kherallah M. Rifampicin as adjunct to colistin therapy in the treatment of multidrug-resistant *Acinetobacter baumannii*. *Ann Pharmacother* 2014;48:766-71.
- Nazer L, Alnajjar T, **Al-Shaer M**, et al. Evaluating the effectiveness and safety of hydrocortisone therapy in cancer patients with septic shock. *J Oncol Pharm Pract.* 2014 Apr 29. [Epub ahead of print]
- Simasek ME, **Ballard SL**, Phelps P, et al. Meeting resident scholarly activity requirements through a longitudinal quality improvement curriculum. *J Grad Med Educ.* 2015 (online Jan 2015 <http://dx.doi.org/10.4300/JGME-D-14-00360.1>).
- **Caballero J**, Wolowich WR, Benavides S, Marino J. Difficulty and discrimination indices of multiple-choice examination items in a College of Pharmacy Pathophysiology & Therapeutic course sequence. *Int J Pharm Pract* 2014;22:76-83.
- Jacobs RJ, **Caballero J**, Ownby RL, Kane MN. Development of a culturally and linguistically appropriate computer-based health literacy intervention for Spanish-dominant Hispanics living with HIV. *BMC Med Inform Dec Mak* 2014;14:103.
- Jacobs RJ, Lou JQ, Ownby RL, **Caballero J**. A systematic review of eHealth interventions to improve health literacy. *Health Inform J* 2014. [Epub ahead of print]
- Jacobs RJ, Ownby RL, **Caballero J**, Acevedo A. Motivational factors related to medication adherence in Spanish-dominant Hispanics living with HIV. *Hispanic J Behav Sci.* In press.
- **Challen L**, Kelso C, Gandhi B. Association between prescription drug benefit and hospital readmission rates. *Hosp Pharm* 2014;49:449-54.
- Peters GL, Drew A, Kebodeaux C, **Challen LM**. Clinical management of peptic ulcer disease. *US Pharm* 2014;39(12).

- **Cheng JW**, Barillari G. Non-vitamin K antagonist oral anticoagulants in cardiovascular disease management: evidence and unanswered questions. *J Clin Pharm Ther* 2014;39:118-35.
- **Cheng JW**, Cooke Ariel H. Pharmacists' role in the care of patients with heart failure: review and future evolution. *J Manag Care Pharm* 2014;20:1-8.
- **Cheng JWM**. Congestive heart failure. In: Singleton JK, DiGregorio RV, eds. *Primary Care*, 2nd ed. Philadelphia: Lippincott-Raven, 2014.
- **Cheng JWM**. Atrial fibrillation. In: Singleton JK, DiGregorio RV, eds. *Primary Care*, 2nd ed. Philadelphia: Lippincott-Raven, 2014.
- **Cheng JWM**. Hypertension. In: Singleton JK, DiGregorio RV, eds. *Primary Care*, 2nd ed. Philadelphia: Lippincott-Raven, 2014.
- Gubbins PO, Micek ST, Badowski M, **Cheng J**, Gallagher J, et al. Innovation in clinical pharmacy practice and opportunities for academic-practice partnership. *Pharmacotherapy* 2014;34:e45-e54.
- **Davis LE**. A workshop series using peer-grading to build drug information, writing, critical-thinking, and constructive feedback skills. *Am J Pharm Educ* 2014;78:191.
- **Hammond DA**, DeRemer CE, Killough DM, Berman A. Intermediate-dose enoxaparin after cardiac ablation procedures. *JHC* 2014;1:1-8.
- **Hammond DA**, Tan S, Smotherman C, Jankowski CA, Ocean O, Kraemer D, DeLosSantos M. Short course of ranolazine prevents post-operative atrial fibrillation following coronary artery bypass grafting and valve surgeries. *Clin Res Cardiol*. Accepted for publication.
- Springer S, **Hume AL**, Orr KK. Public service announcements to facilitate dietary supplement education. *Curr Pharm Teach Learn* 2015;7:214-23.
- Rafie S, McIntosh J, Shealy KM, Borgelt LM, Forinash A, Shrader SP, Koepf ER, McClendon KS, Griffin BL, Horlen C, **Karaoui LR**, Rowe EL, Lodise NM, Wigle PR. Roles of the pharmacist in the use of safe and highly effective long-acting reversible contraception: an opinion of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014;34:991-9.
- Stone RH, Rafie S, El-Ibiary SY, **Karaoui LR**, Shealy KM, Vernon VP. Oral contraceptive pills and possible adverse effects. *J Symptoms Signs* 2014;3:282-91.
- Smith KP, **Madison CM**, Milne NM. Gonadal suppressive and cross-sex hormone therapy for gender dysphoria in adolescents and adults. *Pharmacotherapy* 2014;34:1282-97.
- **Nisly SA**, **Isaacs AN**, Merkel KM. Use of Web-based learning modules for a general medicine advanced pharmacy practice experience. *Curr Pharm Teach Learn* 2014;6:502-6.
- **Nisly SA**, Howard ML, **Isaacs AN**, Trujillo TN. Association between application scores and positive onsite interviews of pharmacy residency applicants. *Am J Health Syst Pharm* 2014;71:2110-3.
- **Peeters MJ**, Gundrum TE, Murphy JA. A method for pharmacy resident candidate screening prior to interviews. *Pharmacotherapy* 2014;34:e193.
- **Peeters MJ**, Kelly CP, Cor MK. Summative evaluations when using an objective structured teaching exercise (OSTE) [letter]. *Am J Pharm Educ* 2015. In press.
- Castleberry A, **Peeters M**, Jenkins T. Ways of knowing: quantitative and qualitative methods. In: Fulford MJ, Souza J, eds. *Are You CAPE-A.B.L.E.? 2014*. Available at www.aacp.org/resources/education/cape/Pages/default.aspx.
- Cor MK, **Peeters MJ**. Using generalizability theory for reliable learning assessments in pharmacy education. *Curr Pharm Teach Learn* 2015;7(3). [Review, online and in press]
- Hoover MJ, **Peeters MJ**. Does discussion of learning assessments belong in postgraduate teaching and learning curricula [letter]? *Am J Health Syst Pharm* 2015. In press.
- Jakimczuk PJ, Verlinden NJ, **Peeters MJ**. Basic numeracy ability of final-year Pharmacy students. *Am J Pharm Educ* 2014;78:Article 111.
- King PK, Salama H, Schneiderman JW, **Peeters MJ**. Simulation-based interprofessional education and collaboration: residents and students. *Am J Pharm Educ* 2014;78:Article 111.
- King PK, Schneiderman JW, **Peeters MJ**. Pharmacy resident perceptions of involvement in code skills simulation training. *Pharmacotherapy* 2014;34:e256-7.
- **Seifert CF**, Brown AT. IDSA or ACG guidelines for treatment for *Clostridium difficile* infection: which one to follow? [author reply]. *Am J Med* 2015. In press.
- **Seifert CF**, Brown AT. Proton pump inhibition may promote *Clostridium difficile* recurrences [author reply]. *Am J Med* 2015. In press.
- Brown AT, **Seifert CF**. Effect of treatment variation on outcomes in patients with *Clostridium difficile*. *Am J Med* 2014;127:865-70.
- Hong MT, **Seifert CF**. Clinical impact of discordant prescribing of fluoroquinolones and alternative treatment in *E. coli* pyelonephritis. *J Pharm Pract*. 2015 Feb 8. [Epub ahead of print]

- Robles J, Gutierrez A, **Seifert CF**. Impact of a pilot pharmacy healthcare professional out-of-school time physical activity and nutrition education program with exercise on fourth and fifth graders in a rural Texas community. *SAGE Open Medicine* 2014. Published online before print: August 26, 2014. Available at <http://smo.sagepub.com/content/2/2050312114547956>.
- Lyons W, Cook K, **Sobeski Farho L**. Interprofessional collaboration with pharmacists. *Portal of Geriatrics Online Education (POGOe)*, 2014. Available at www.pogoe.org/productid/21689.

Other Notable Achievements:

- Laura Challen, Pharm.D., MBA, BCPS, BCACP, earned BPS certification as an Ambulatory Care Specialist.
- Lindsey Davis, Pharm.D., BCPS, is serving as Chair for the Teacher's Seminar Program at the 2015 American Association of Colleges of Pharmacy Annual Meeting in Washington, D.C., and will also be a speaker.
- Alex Isaacs, Pharm.D., BCPS, accepted a position as a Clinical Assistant Professor at Purdue University College of Pharmacy in August 2014.
- Thaddeus McGinness, Pharm.D., BCPS, earned BPS certification as a Pharmacotherapy Specialist.
- Michael Peters, Pharm.D., MEd, FCCP, BCPS, graduated from the ACCP Academy Leadership Certificate program.
- Linda Sobeski, Pharm.D., BCPS, was an invited speaker at the American Geriatrics Society 2014 meeting in Orlando, Florida, and presented on "Drug Therapy Controversies: Clinical Pearls for Your Practice."

Emergency Medicine PRN

Grants:

- Asad (Sid) Patanwala, Pharm.D., BCPS: Effect of acetaminophen on the prevention of acute kidney injury in patients with severe sepsis. *Mallinckrodt Pharmaceuticals*. 2014–2016 (Role: PI)
- Asad (Sid) Patanwala, Pharm.D., BCPS: Pain control during the transition from intensive care unit to general ward. Sponsored by: Critical Care section of the American College of Clinical Pharmacy. 2014–2016 (Role: PI)

Publications:

- **Groth ME**, McMillian WD, Wolfson DL. Pharmacist input into statewide treatment protocols for emergency medical services. *Am J Health Syst Pharm* 2015;72:61-3.

- **Patanwala AE**. Emergency pharmacy practice and medication reconciliation. *Am J Health Syst Pharm* 2014;71:2167-8.
- **Patanwala AE**, Erstad BL. Comparison of dexmedetomidine versus propofol on hospital costs and length of stay. *J Intensive Care Med*. 2014 Jul 24. [Epub ahead of print]
- **Patanwala AE**, Slack MK, Martin JR, Basken RL, Nolan PE. Effect of epinephrine on survival after cardiac arrest: a systematic review and meta-analysis. *Minerva Anesthesiol* 2014;80:831-43.
- Bakhsh HT, Perona SJ, Shields WA, Salek S, Sanders AB, **Patanwala AE**. Medication errors in psychiatric patients boarded in the emergency department. *Int J Risk Saf Med* 2014;26:191-8.
- Bogari H, **Patanwala AE**, Cosgrove R, Katz M. Risk-assessment and pharmacological prophylaxis of venous thromboembolism in hospitalized patients with chronic liver disease. *Thromb Res* 2014;134:1220-3.
- Johnson-Clague M, DiLeo J, Katz MD, **Patanwala AE**. Effect of full correction versus partial correction of elevated blood glucose in the emergency department on hospital length of stay. *Am J Ther*. 2014 Sep 1. [Epub ahead of print]
- Sakles JC, Mosier J, **Patanwala AE**, Dicken J. Learning curves for direct laryngoscopy and GlideScope® video laryngoscopy in an emergency medicine residency. *West J Emerg Med* 2014;15:930-7.
- Sakles JC, Mosier J, **Patanwala AE**, Dicken J. Improvement in GlideScope® video laryngoscopy performance over a seven-year period in an academic emergency department. *Intern Emerg Med* 2014;9:789-94.
- Sakles JC, Mosier JM, **Patanwala AE**, Dicken JM, Kalin L, Javedani PP. The C-MAC® video laryngoscope is superior to the direct laryngoscope for the rescue of failed first-attempt intubations in the emergency department. *J Emerg Med*. 2014 Dec 11. [Epub ahead of print]
- **Rech MA**, Day SA, Kast, JA, et al. Major publications in the critical care pharmacotherapy literature: January 2013 through December 2013. *Am J Health Syst Pharm* 2015;72:224-36.
- **Rech MA**, Donahey E, Cappiello-Dziedzic J, et al. New illicit drugs of abuse. *Pharmacotherapy*. 2014 Dec 4. [Epub ahead of print]
- **Rech MA**, Hunsaker T, Rodriguez J. 25-Hydroxyvitamin D deficiency predicts 30-day mortality in patients with severe sepsis and septic shock. *Am J Crit Care* 2014;23:e72-9.

- **Weant KA, Bailey AM, Fleishaker EL, Baker SN.** Being prepared: bioterrorism and mass prophylaxis: part II. *Adv Emerg Nurs J* 2014;36:307-17.

Other Notable Achievement:

- Mason H. Bucklin, Pharm.D., BCPS, attained Pharmacotherapy board certification.

Endocrine and Metabolism PRN

Introduction:

The Endocrine and Metabolism PRN is composed of members from a variety of practice settings. The PRN was formed to achieve the following goals and objectives. (1) Provide an opportunity for pharmacists with an interest in endocrine and metabolic disorders to promote practice, research, and education in these areas. (2) Provide a mechanism for members with similar interests to meet during ACCP meetings to network, problem solve, and discuss professional issues and opportunities. (3) Promote practice involvement; educational needs of health care professionals, students, and patients; and research activities in the areas of endocrinology and metabolism that may be favorably affected by this ACCP PRN effort.

During the past 6 months, some notable member accomplishments are as follows.

Award:

- Cavanaugh J, Hawes E, **Pinelli NR**, Eckel S, Pignone M, Gwynne M, Daniels R. "Advancing Pharmacy Practice Through an Innovative Ambulatory Care Transitions Program": American Society of Health System Pharmacists Best Practices Award

Grants:

- Benjamin N. Gross: Incorporation of continuous glucose monitoring training into Ambulatory Care elective
- Benjamin N. Gross: "Pharmacist-Driven Continuous Glucose Monitoring in a Family Practice Clinic." Funded (1/2015): \$7500 – Lipscomb University College of Pharmacy Dean's Grant
- Nicole R. Pinelli: "Early Clinical Immersion as Inpatient Psychiatry Medication Education Group Leaders." Funded (1/2015): \$10,000 – American Association of Colleges of Pharmacy New Investigator Award (Co-I; PI, McLaughlin J)
- Nicole R. Pinelli: "Intravenous Exenatide Infusion in Critically Ill Patients with Acute Brain Injury." Funded (11/2014): Continuous Blood Glucose Monitors and Supplies – Medtronic MiniMed, Inc.

Publications:

- **Goldman-Levine JD.** Insulin pen problem. Expert questions and answers. *Diabetes Self Manag* 2014; Oct: 75.
- Dinsmore S, Grams K, **Goldman-Levine JD**, Couris RR. An overview of glycemic goals and medications used to manage type 2 diabetes. *Nutrition Today* 2015;50:40-8.
- Shaikh N, **Goldman-Levine JD.** Ready, aim, inject! All about needles and syringes. *Diabetes Self Manag* 2014; Dec: 16-23.
- Shaikh N, **Goldman-Levine JD.** Insulin injection technique for adults and children with diabetes. *Pract Diabetol* 2014;33:19-21.
- Sparkes S, **Goldman-Levine JD.** Breaking down barriers: a second attempt at inhaled insulin. *AADE Pract* 2015;3:44-7.
- **Mukherjee SM**, Coppenrath VA, Dallinga BA. Pharmacologic management of type 1 and type 2 diabetes and their complications in women of childbearing age. *Pharmacother J Hum Pharmacol Drug Ther.*
- Horton ER, Morin A, Pervanas HC, **Mukherjee SM**, Belliveau P. A novel structured format for engaging pharmacy students in bioethics discussions. *Am J Pharm Educ* 2014;78:Article 171.
- **Pinelli NR,*** Clark LM, Carrington AC, Carrington JL, Malinzak L, Patel A. Pharmacist-managed diabetes and cardiovascular risk reduction clinic in kidney transplant recipients: bridging the gap in care transition. *Diabetes Res Clin Pract* 2014;106:e64-7.
- **Pinelli NR,*** Sikora A, Witherspoon L, Rao K, Rhoney DH. Impact of pharmacy residency research training on residents' actual versus perceived ability and interest to identify and solve practice-related problems. *J Pharm Pract* 2014. In press.
- **Segal AR**, El Sayed N. Are you ready for more insulin concentrations? *J Diabetes Sci Technol.* 2014 Nov 10. [Epub ahead of print]
- Costa MD, Henriques T, Munshi MN, **Segal AR**, Goldberger AL. Dynamical glucometry: use of multiscale entropy analysis in diabetes. *Chaos* 2014;24:033139.
- **Schneiderhan ME**, Shuster S, Davey CS. 12-month prospective randomized study of pharmacists utilizing point-of-care screenings for metabolic syndrome and related conditions in subjects prescribed antipsychotics. *Prim Care Companion CNS Disord* 2014;16(5). Available at www.psychiatrist.com/PCC/article/Pages/2014/v16n05/14m01669.aspx.
- **Singh-Franco D.** Potential for dipeptidyl peptidase-4 inhibitor and sodium glucose cotransporter 2 inhibitor single-pill combinations. *Expert Rev Endocrinol Metab.* Posted online: January 21, 2015.

- **Williams CD.** Clopidogrel for smokers and aspirin for nonsmokers?: not so fast. *Clin Pharmacol Ther* 2014;95:585-7.
- Lee DSH, Markwardt S, Goeres L, **Williams CD**, et al. Statins and physical activity in older men, the osteoporotic fractures in men study. *JAMA Intern Med* 2014;174:1263-70.

Book Chapters:

- **Gross BG.** Hypertension. In: Gourley DR, Eoff JE III, eds. *American Pharmacists Association Complete Review of Pharmacy*, 11th ed. Washington, DC: American Pharmacists Association, 2015:195-221.
- **Schneiderhan ME,** Nelson LA, Dellenbaugh T. Assessment of mental illness. In: DiPiro JT, Talbert RL, Yee GC, et al., eds. *Pharmacotherapy: A Pathophysiological Approach*, 9th ed. New York: McGraw-Hill, 2014. (eChapter)
- Beaser R, **Segal AR.** Chapter 8: Pharmacotherapy of type 2 diabetes: medications to match the pathophysiology. In: *Joslin's Diabetes Deskbook*, 3rd ed. Boston: Joslin Diabetes Center, 2014:211-314.
- Hamdy O, Abrahamson MA, **Segal AR.** Management of U-500 insulin in hospitalized patients. In: Matfin G, ed. *Endocrine and Metabolic Medical Emergencies*. Washington, DC: Endocrine Society, 2014:295-300.

Research Abstract – Published in Academic Journals:

- McLaughlin JE,* Poppe LB, Chen S, Luter DN, Arnall J, Smith S, Roth MT, Rodgers PT, Williams DM, **Pinelli NR.*** Improved organizational and student outcomes in an early immersion program at an academic medical center. *Am J Pharm Educ* 2014;78:Article 111.

Presentation:

- McLaughlin JE,* Poppe LB, Chen S, Luter DN, Arnall J, Smith S, Roth MT, Rodgers PT, Williams DM, **Pinelli NR.*** Improved organizational and student outcomes in an early immersion program at an academic medical center. Poster presented at: 115th Annual Meeting of the American Association of Colleges of Pharmacy; July 2014; Grapevine, TX.

Other Notable Achievement:

- Samantha Karr, Pharm.D., FCCP, BCPS, BCACP, BC-ADM, was selected a new Fellow at the 2014 ACCP Annual Meeting in October.

Resident and Student Travel Scholarships:

The Endocrine and Metabolism PRN Resident and Student Travel Scholarship is intended to provide

financial support for a resident- or student-level member to attend the ACCP Global Conference or Updates in Therapeutics®. The applicant must be a resident member (PGY1 or PGY2) or a student member in the ACCP Endocrine and Metabolism PRN. The applicant must provide a statement of why he or she is involved with the Endocrine and Metabolism PRN and how attending the meeting will assist in the applicant's career and/or residency goals. A current copy of the applicant's CV, highlighting professional organizations and community service, and one letter of recommendation are required to complete the application.

Congratulations to Dr. Barakha Yadav, a PGY2 ambulatory care specialty resident at Texas Tech University HSC School of Pharmacy, who received this year's ACCP Endocrine and Metabolism PRN Resident Scholarship. She received \$500 to attend the ACCP Annual Meeting.

Congratulations to Kimberly Zitko, BSPS, Pharm.D. Candidate 2015, University of Toledo College of Pharmacy and Pharmaceutical Sciences, who received this year's ACCP Endocrine and Metabolism PRN Student Scholarship. She received \$500 to attend the ACCP Annual Meeting.

Geriatrics PRN

Promotion:

- Joseph P. Vande Griend: Promoted to Associate Professor

Awards:

- Trista Bailey: ASCP Presidential Coin Award
- Amy DeWein: Primaris, Inc. (Missouri's Quality Improvement Organization) Excellence Award – 2014 for "Building Collaboration Among Providers and Improving Medication Management of Medicare Beneficiaries Statewide"
- Jeff Hughes: 2014 Australasian Pharmaceutical Sciences Association Medal
- Jeannie Lee: Innovations in Teaching Honorable Mention, American Association of Colleges of Pharmacy
- Jeannie Lee: American Society of Health-System Pharmacists (ASHP) Foundation Pharmacy Practice Research Literature Award, ASHP Research and Education Foundation
- Joseph P. Vande Griend: American Association of Medical Colleges Clinical Innovation Challenge Award 2013 for a project titled "Development, Evaluation, and Refinement of an Offsite Clinical Pharmacist Service Within a University Family Medicine System"

Grants:

- “Chronic Disease Health Beliefs, Medication Adherence, and Health Literacy”; NIH – NHLBI. To quantitatively assess medication adherence among patients with chronic disease, explore the impact of chronic disease health beliefs and health literacy on medication adherence, and develop recommendations for primary care providers to improve medication adherence. Co-I (PI, Susan Shaw, Anthropology); \$1,580,411; 15% effort (**Jeannie Lee**)
- Center for Integrative Medicine in Primary Care; Department of Health and Human Services, Health Resources and Services Administration. To create the infrastructure to support incorporating competency and evidence-based integrative medicine into existing educational programs and disseminating best practices of integrative medicine in primary care; Co-I (PI, Victoria Maizes, University of Arizona Center for Integrative Medicine); \$1,700,000; 5% in year 1; 3% in year 2–3 effort (**Jeannie Smith**)
- “Drug-Safety Analysis of Antimuscarinics in Older Adults: Risk for Dementia, Dementia-Associated Prescribing-Cascade, and Falls and Fall-Related Fractures” – Washington University Institute of Clinical and Translational Sciences (ICTS) KL2 Career Development Awards Program – ICTS KL2 TR00450. Funded, July 2015. Role: PI \$75,000 (**Scott Vouri**)
- “A Clinical, Functional, and Pharmacologic Profile of OAB in Nursing Home Residents.” Astellas, **Barbara Zarowitz** (PI), Terry O’Shea, Carrie Allen, Eric Tangalos, Joseph Ouslander. \$196,694: June 1, 2013 – January 30, 2014
- “Addendum to Characteristics of Newly-Admitted Nursing Home Residents with and without Parkinson Disease.” AbbVie Pharmaceuticals, **Barbara Zarowitz** (PI), Terry O’Shea, Carrie Allen. \$79,095: October 7, 2013 – June 30, 2014
- “Demographic and Clinical Characteristics Associated with 30-Day Rehospitalizations in Nursing Home Residents with a Diagnosis of COPD.” GlaxoSmithKline Pharmaceuticals, **Barbara Zarowitz** (PI), Terry O’Shea, Carrie Allen. \$152,775: October 13, 2013 – July 31, 2014

Publications:

- **Cantrell M**, Kelly M, **Vouri SM**. Chapter 65: Urology: urinary incontinence. In: Sutton SS. McGraw-Hill’s NAPLEX Review Guide, 2nd ed. New York: McGraw-Hill, 2014.
- Cohen L, **Eisenhower C**, Hume AL. Chapter 10: Endocrine disorders. In: Sleeper R, Hutchison L, eds. Fundamentals of Geriatric Pharmacotherapy, 2nd ed. 2015.
- **Hughes GJ**, Cassagnol M, Wu W, Howland MA, Sym D, El-Chaar G, Smith CJ. Modification of a pharmacokinetic course design and its impact on student performance. *Am J Pharm Educ* 2014;78(5).

- **Hughes GJ**, Olga H. Edoxaban: an investigational factor Xa inhibitor. *P T* 2014;39:686-90.
- **Hughes GJ**, Patel PN, Mason C. Medical resident choices of electronic drug information resources. *J Pharm Pract*. 2014 Aug 17. [Epub ahead of print]
- **Hughes GJ**, Rosen L. Management of postpartum depression. *N J J Pharm* 2014;88:18-22. Continuing Education Article.
- Mazzola N, **Hughes GJ**. An update on the management of peripheral artery disease. *US Pharm* 2014;39:8-11.
- Singh A, **Hughes GJ**, Mazzola N. New changes in pregnancy and lactation labeling. *US Pharm* 2014;39:40-3.
- Abukres S, Hoti K, **Hughes J**. Patient attitudes towards a new role for pharmacists: continued dispensing. *Patient Prefer Adherence* 2014;8:1143-51.
- Lee K, **Hughes J**, Hoti K, Emmerton L. “Dr. Google” and the consumer: a qualitative study exploring the needs and online health information-seeking behaviors of consumers with chronic health conditions. *J Med Internet Res* 2014;16:e262.
- Miller T, Hendrie D, Bloor P, Hoti K, **Hughes J**. Cost-effectiveness of reducing glycaemic episodes through community pharmacy management of patients with type 2 diabetes mellitus. *J Prim Prev* 2014;35:439-49.
- Omar M, Crowe M, Tay CY, **Hughes J**. Expressions of P-glycoprotein in treatment-resistant *Helicobacter pylori* patients. *J Applied Biomed* 2014;12:262-8.
- Pihau-Tulo S, Parsons R, **Hughes J**. An evaluation of patients’ adherence with hypoglycemic medications among Papua New Guineans with type 2 diabetes: influencing factors. *Patient Prefer Adherence* 2014;8:1229-37.
- Stupans I, Krass I, Clifford R, Woulfe J, Owen S, McAllister S, Marsh G, **Hughes J**. Nationwide collaborative development of learning outcomes and exemplar standards for Australian pharmacy programs. *Int J Pharm Pract*. 2014 Nov 13.
- Zayegh I, Charrois T, **Hughes J**, Hoti K. Antibiotic repeat prescriptions: how do patients fill them? *J Pharm Policy Pract* 2014;7:17.
- **Hughes JD**, Barr D, Lewis JR, Prince RL. Commonly prescribed medications and falls. *Eur J Public Health* 2014. (published August 22)
- Ernawati DK, Lee YP, **Hughes JD**. Indonesian students’ participation in an interprofessional workshop: influence on attitudes toward interprofessional education. *J Interprof Care* 2014; Dec 12:1-3. [Epub ahead of print]

- Ramadaniati HU, Lee YP, **Hughes JD**. The difference in pharmacists' interventions across the diverse settings in a children's hospital. *PLoS One* 2014;9:e110168.
- Ramadaniati HU, Lee YP, **Hughes JD**. Snapshot versus continuous documentation of pharmacists' interventions: are snapshots worthwhile? *J Pharm Pract Res* 2014;44:205-12.
- **Hutchison L**, Berryman S, Bilbruck T, Johnson S. Saving red's toe: fostering interprofessional collaboration in assessment and care planning. *MedEdPORTAL*, 2014. Available at www.mededportal.org/publication/9768.
- **Hutchison LC, Sleeper RB**, eds. *Fundamentals of Geriatric Pharmacotherapy: An Evidence-Based Approach*, 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists, 2015.
- Berryman SN, **Hutchison LC**, Bilbruck TJ, Ragsdale PS, Huff DC, Jennings JE, Lofton T. Integrating interprofessional simulation into pre-licensure healthcare programs. *Nurs Educ Perspect*. In press.
- **Jenkins AT**, Marshall JL. Chapter 7: cardiovascular exam. In: Hardy YM. *Patient Assessment in Pharmacy: A Culturally Competent Approach*. Burlington, MA: Jones & Bartlett, 2016:129-53.
- **Peron EP**, Ogbonna KC, Donohoe KL. Antidiabetic medications and polypharmacy. *Clin Geriatr Med* 2015;31:17-27.
- **Segal AR**, El Sayed N. Are you ready for more insulin concentrations? *J Diabetes Sci Technol*. 2014 Nov 10. [Epub ahead of print]
- Beaser R, **Segal AR**. Chapter 8: Pharmacotherapy of type 2 diabetes: medications to match the pathophysiology. In: *Joslin's Diabetes Deskbook*, 3rd ed. Boston: Joslin Diabetes Center, 2014:211-314.
- Costa MD, Henriques T, Munshi MN, **Segal AR**, Goldberger AL. Dynamical glucometry: use of multiscale entropy analysis in diabetes. *Chaos* 2014;24:033139.
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- Lyons W, Cook K, **Sobeski Farho L**. Interprofessional collaboration with pharmacists. *Portal of Geriatrics Online Education (POGOe)*, 2014. Available at www.pogoe.org/productid/21689.
- Bragg R, Hebel D, **Vouri SM**, Pitlick JM. Mirabegron: a beta-3 agonist for overactive bladder. *Consult Pharm* 2014;29:823-37.
- Peters GL, **Vouri SM**. Use of onabotulinumtoxinA for overactive bladder with concomitant warfarin. *Consult Pharm* 2014;29:480-6.
- **Zarowitz B**, Cheung LI, Allen C, O'Shea T, Stolshek B. Prevalence and clinical characteristics of treated and untreated osteoporosis in nursing home residents. *J Am Med Dir Assoc* 2014. Accepted for publication.
- **Zarowitz BJ**, Allen C, O'Shea T, Strauss M. Risk factors, clinical characteristics and treatment differences between residents with and without nursing home and non-nursing-acquired *Clostridium difficile* infection. *JMCP* 2014. Accepted for publication.
- **Zarowitz BJ**, O'Shea T, Nance M. Clinical, demographic and pharmacologic features of nursing home residents with Huntington disease. *J Am Med Dir Assoc* 2014;15:423-8.
- Stevenson D, O'Malley AJ, Dusetzina SB, Mitchell SL, **Zarowitz BJ**, Chernew ME, Newhouse JP, Huskamp HA. Effect of Part D coverage restrictions for antidepressants, antipsychotics and cholinesterase inhibitors on related nursing home resident outcomes. *J Am Geriatr Soc* 2014;62:1666-74.
- Stevenson DG, Dusetzina SB, O'Malley AJ, Mitchell SL, **Zarowitz BJ**, Chernew ME, Newhouse JP, Huskamp HA. High-risk medication use by nursing home residents before and after hospitalization. *Med Care* 2014. Accepted for publication.

Abstract/Poster Presentations:

- Ngune I, Jiwa M, McManus A, **Hughes J**, Parsons R, Hodder R. Predicting attendance of post-treatment cancer care patients in general practice: the role of concomitant health conditions in the theory of planned behaviour [abstract of electronic poster]. *Eur J Cancer Care* 2014;23.
- Ngune I, Jiwa M, McManus A, **Hughes J**, Parsons R, Hodder R, Anriken F. Development of a self-assessment tool (SATp) for follow-up of colorectal cancer patients in primary care setting [abstract of electronic poster]. *Eur J Cancer Care* 2014;23.
- Oberoi DV, Jiwa M, McManus A, **Hughes J**. Do men know which patients with lower bowel symptoms should seek medical advice? A web-based video-vignette survey of lay men in Western Australia [abstract of electronic poster]. *Eur J Cancer Care* 2014;23.
- **Lee JK**, Cooley J, Herrier R. Developing a pharmacy capstone course from focus groups to advanced patient care. *Am J Pharm Educ* 2014;78:Article 156.
- Augustine J, **Lee JK**,* Armstrong EP. Health outcomes and cost-effectiveness of certolizumab pegol in the treatment of Crohn's disease. *Expert Rev Pharmacoecon Outcomes Res* 2014;14:599-609.

- Augustine J, Shah A, Makadia N, Shah A, **Lee JK**.* Knowledge, attitudes, and beliefs regarding geriatric care among student pharmacists. *Curr Pharm Teach Learn* 2014;6:226-32.
- Leonetti G, **Lee JK**.* Awareness of medication-related fall risk: a survey of community-dwelling older adults. *Healthy Aging Res* 2014;3:10.
- **Sobeski LM**. Testosterone replacement in cardiovascular disease. Session: Drug Therapy Controversies: Clinical Pearls for Your Practice. Presented at: American Geriatrics Society 2014 Annual Meeting; May 15, 2014; Orlando, FL.
- **Sobeski LM**, Corn CE, Klepser DG. Antidementia drug prescribing patterns in a comprehensive geriatric assessment program. Poster presented at: American Geriatrics Society 2014 Annual Scientific Meeting; May 15, 2014; Orlando, FL.

New ACCP Fellow:

- Alissa Segal

Other Notable Achievements:

- Trista Bailey: Earned Certified Geriatric Pharmacist (CGP) credential
- L.C. Hutchison: Served on the American Geriatrics Society Expert Panel on Post-operative Delirium in Older Adults, which recently published a full-text version of the guideline on the American Geriatrics Society Web site, the abstracted clinical practice guideline in the *Journal of the American Geriatrics Society*, and the best practices statement in the *Journal of the American College of Surgeons*.

GI/Liver/Nutrition PRN

Introduction:

The GI/Liver/Nutrition PRN (GILN) would like to congratulate members on the following accomplishments from September 2014 to February 2015. We hope to see you at the ACCP Updates in Therapeutics® meeting if you are planning to attend!

Publications:

- **Bounda GA**, Zhou W, Wang D, Yu F. Rhein elicits in vitro cytotoxicity in primary human liver L-02 (HL-7702) cells by inducing apoptosis via mitochondria-mediated pathway. *Clin Pharmacol Ther* 2015;97(suppl 1):S65.
- **Gura KM**. Aluminum contamination in parenteral products. *Curr Opin Clin Nutr Metab Care* 2014;17:551-7.
- Carlson SJ, Nandivada P, Chang MI, Mitchell PD, O'Loughlin A, Cowan E, **Gura KM**, Nose V, Bistran

BR, Puder M. The addition of medium-chain triglycerides to a purified fish oil-based diet alters inflammatory profiles in mice. *Metabolism* 2015;64:274-82.

- Chang MI, Carlson SJ, Nandivada P, O'Loughlin AA, Potemkin AK, Cowan E, Mitchell PD, **Gura KM**, Puder M. Challenging the 48-hour rule-out for central line-associated bloodstream infections in the pediatric intestinal failure population: a retrospective pilot study. *J Parenter Enteral Nutr*. 2015 Jan 7 [Epub ahead of print]
- Nandivada P, Chang MI, Potemkin AK, Carlson SJ, Cowan E, O'Loughlin AA, Mitchell PD, **Gura KM**, Puder M. The natural history of cirrhosis from parenteral nutrition-associated liver disease after resolution of cholestasis with parenteral fish oil therapy. *Ann Surg* 2015;261:172-9.
- **Martin MT**, McNicholl I. Advances in hepatitis C therapy. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2015 Book 1. Infectious Diseases*. Lenexa, KS: American College of Clinical Pharmacy, 2015:167-88.
- **Mohammad RA**, **Bulloch MN**, **Chan J**, **Deming P**, **Love B**, **Smith L**, **Dong BJ**. Provision of clinical pharmacist services for individuals with chronic hepatitis C viral infection: joint opinion of the GI/Liver/Nutrition and Infectious Diseases Practice and Research Networks of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014;34:1341-54.
- Brown AT, **Seifert CF**. Effect of treatment variation on outcomes in patients with *Clostridium difficile*. *Am J Med* 2014;127:865-70.
- Hong MT, **Seifert CF**. Clinical impact of discordant prescribing of fluoroquinolones and alternative treatment in *E. coli* pyelonephritis. *J Pharm Pract* 2015 Feb 8. [Epub ahead of print]
- Robles J, Gutierrez A, **Seifert CF**. Impact of a pilot pharmacy healthcare professional out-of-school time physical activity and nutrition education program with exercise on fourth and fifth graders in a rural Texas community. *SAGE Open Medicine* 2014;2:1-10.
- **Smith MA**, **Mohammad RA**. Vedolizumab: an $\alpha 4\beta 7$ integrin inhibitor for inflammatory bowel diseases. *Ann Pharmacother* 2014;48:1629-35.
- **Thompson JR**. Emerging therapeutic options for the management of hepatitis C infection. *World J Gastroenterol* 2014;20:7079-88.
- **Thompson JR**, Lee JT. The price of progress in hepatitis C management. *Am J Manag Care* 2014;20(SP15):SP442-4.

Award:

- Kathleen Gura, Pharm.D., FASHP, FPPAG, FASPEN, BCNSP, was awarded Fellow, American Society of Parenteral and Enteral Nutrition (A.S.P.E.N.), in February 2015.

Other Notable Achievement:

- Elizabeth A. Stone, Pharm.D., AE-C, was credentialed as an Allied Health Professional in December 2014, which means she will soon be performing CDTM in her hepatitis C clinic.

Presentations:

- Martin MT. Practice model utilizing pharmacy technician and fourth-year pharmacy students for hepatitis C virus specialty medication benefit verification enables clinical pharmacist to focus on clinical responsibilities. Management case study presented at: American Society of Health-System Pharmacists Midyear Meeting; December 8, 2014; Anaheim, CA.
- Martin MT. Introduction to liver disease, cirrhosis, hepatitis C virus, and irritable bowel syndrome. Invited speaker at: Indian Association of Colleges of Pharmacy (IACP) Pharmacy Practice Module – Advanced Learning Series; November 6–7, 2014; Kerala, India.
- Martin MT. Going viral! Hepatitis C treatment in the age of direct-acting antivirals. Invited speaker and moderator at: Illinois Council on Health-System Pharmacists (IHP) 2014 Annual Meeting; September 12, 2014; Oakbrook Terrace, IL.
- Smith A. Drug absorption challenges post-bariatric surgery. Invited faculty/speaker at: Obesity Week (combined annual meeting of the Obesity Society and the American Society for Metabolic & Bariatric Surgery); November 3, 2014; Boston, MA.
- Smith A. Integrated Health Pharmacology Course. Moderator and Course Developer. Invited faculty at: Obesity Week (combined annual meeting of the Obesity Society and the American Society for Metabolic & Bariatric Surgery); November 3, 2014; Boston, MA.
- Smith A. Medication issues in the post-bariatric surgery patient. Invited speaker at: 6th Annual Bariatric Symposium presented by Alegant Health Weight Management; September 12, 2014; Omaha, NE.

Global Health PRN

Introduction:

During the past several months, the Global Health PRN has been working to build and recognize its membership. During the 2014 ACCP Annual Meeting, there was a very engaging discussion about shaping the PRN's activities. Mainly, this discussion focused on developing focus session topics for the Global Conference on Clinical Pharmacy, and the Programming Task Force was successful in submitting two joint proposals, together with the Pharmaceutical Industry and Health Outcomes PRNs.

The Scholarship Task Force has submitted a poster abstract for the Global Conference describing the PRN's formation and is developing methods of identifying and recognizing ACCP and PRN members engaged in global research. The Recruitment Task Force has organized and is evaluating membership growth and composition to help us identify the needs of our PRN and members. The Nominations Committee has reviewed the activities of our colleagues, has submitted several nominations on their behalf, and will soon be announcing a call for officer nominations.

Current members of the Global Health PRN will be available during all of the PRN networking sessions at Updates in Therapeutics® in Chicago, so we encourage current or prospective members to stop by and say hello!

Health Outcomes PRN

Award:

- S.J. Billups: The 2014 Pharmacy Performance Improvement Triple Aim Award

Publications:

- **Billups SJ**, Moore LR, Olson KL, Magid DJ. Cost-effectiveness evaluation of a home blood pressure monitoring program. *Am J Manag Care* 2014;20:e380-7.
- Debenito JM, **Billups SJ**, Tran TS, Price LC. Impact of a clinical pharmacy anemia management service on adherence to monitoring guidelines, clinical outcomes, and medication utilization. *J Manag Care Spec Pharm* 2014;20:715-20.
- Delate T, Block A, Kurz D, **Billups S**. Out-of-plan pharmacy use: insights into patient behavior. *Am J Manag Care* 2014;20:995-1001.
- Olson KL, Irwin AN, **Billups SJ**, Delate T, Johnson SG, Kurz D, Witt DM. Impact of a clinical pharmacy research team on pharmacy resident research. *Am J Health Syst Pharm* 2015;72:309-16.

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. We have grown to 948 members, a significant portion of whom are trainees (389 students; 70 residents/fellows). Because student interest has continued to grow steadily each year, the Trainee Committee is currently working to expand mentoring and networking opportunities.

Several other PRN committee efforts are well under way. A topic for the 2015 Hematology/Oncology PRN focus session was proposed, and the Focus Session Committee plans to develop a session titled "Confronting the Global Epidemic of HPV and Associated Malignancies," with discussions on the prevention and treatment of HPV-related cancers.

The Hematology/Oncology PRN Paper Committee has made significant progress on a manuscript that evaluates the current types of clinical practices being used by hematology/oncology pharmacists in our PRN in an effort to contribute to the literature documenting pharmacist involvement in the care of patients with cancer.

Promotion:

- Scott Soefje, Pharm.D., MBA, FCCP, BCOP, was promoted to Director of Pharmacy, University Medical Center Brackenridge, Austin, Texas.

Awards:

- David DeRemer, Pharm.D., BCOP: 2014 ACCP Annual Meeting – Best Paper Award
- **Okumura LM**, Baruel PC, Carlotto J, Veroneze C. What should we do if an intubated patient with promyelocytic leukemia needs tretinoin? Best Case Report at: "VII Internal Medicine Journey from Clinical Hospital," Federal University of Paraná, Brazil.
- Dias GM, **Okumura LM**, Carlotto J, Santos RR. A multiprofessional care plan for a metastatic Ewing sarcoma adult patient. Best Oral Presentation at: "II Multiprofessional Journey of Adult and Elderly Health from Clinical Hospital," Federal University of Paraná, Brazil.

Grants:

- David DeRemer, Pharm.D., BCOP, received a grant from the University of Georgia College of Pharmacy R.C. Wilson Fund for the project titled "Evaluation of the Effects of Obesity on the Epigenome in Acute Myeloid Leukemia Patients: Correlation with Clinical Outcome and Drug Response." Project period is 2014–2015 (PI, 75% effort). Total award: \$4500
- Jane Pruemer, Pharm.D., FASHP, BCOP, received a grant from Interact for Health for the project titled "An Interprofessional Education Program Using a Screening, Brief Intervention & Referral to Treatment (SBIRT) Approach for Smoking Cessation." It will involve pharmacy, medicine, nursing, and allied health students at the University of Cincinnati Academic Health Center. The grant awarded is \$60,000.

Publications:

- **Bubalo J**, Carpenter PA, Majhail N, Perales MA, Marks DI, Shaughnessy P, Pidala J, Leather HL, Wingard J, Savani BN; American Society for Blood and Marrow Transplantation practice guideline committee. Conditioning chemotherapy dose adjustment in obese patients: a review and position statement by the American Society for Blood and Marrow Transplantation practice guideline committee. *Biol Blood Marrow Transplant* 2014;20:600-16.
- **Bubalo J**, Warden BA, Wiegel JJ, Nishida T, Handel E, Svoboda LM, Nguyen L, Edillo PN. Does applying technology throughout the medication use process improve patient safety with antineoplastics? *J Oncol Pharm Pract* 2014;20:445-60.
- Affronti ML, **Bubalo J**. Palonosetron in the management of chemotherapy-induced nausea and vomiting in patients receiving multiple-day chemotherapy. *Cancer Manag Res* 2014;6:329-37.
- Diaz AH, **Bubalo JS**. Evaluation and implementation of chemotherapy regimen validation in an electronic health record. *J Oncol Pharm Pract* 2014;20:461-8.
- **Buie LW**, Moore J, van Deventer H. Successful use of octreotide as a chemoprotectant for prevention of PEG-asparaginase-induced pancreatitis. *Pharmacotherapy* 2014;34:e149-51.
- Cicci JD, **Buie L**, Bates J, van Deventer H. Denosumab for the management of hypercalcemia of malignancy in patients with multiple myeloma and renal dysfunction. *Clin Lymphoma Myeloma Leuk* 2014;14:e207-11.
- Morgan KP, Snavelly AC, Wind LS, **Buie LW**, Grilley-Olson J, Walko CM, Weiss J. Rates of renal toxicity in cancer patients receiving cisplatin with and without mannitol. *Ann Pharmacother* 2014;48:863-9.
- **DeRemer DL**. Leukemias. In: Sutton SS. McGraw-Hill's NAPLEX Review Guide, 2nd ed. New York: McGraw-Hill, 2014.
- **DeRemer DL**. Drug and food interactions with tyrosine kinase inhibitors. In: Ustun C, Popat UR, eds. *Chronic Myeloid Leukemia: From Daily Management to Complicated Issues*. New York: Nova Science, 2014:251-62.
- Bradley A, Evans S, **DeRemer DL**, Awan F. Busulfan dosing (Q6 or Q24) with adjusted or actual body weight, does it matter? *J Oncol Pharm Pract*. 2014 Jul 1. [Epub ahead of print]
- Goc A, Al-Husein B, Katsanevas K, Steinbach A, Lou U, Sabbineni H, **DeRemer DL**, Somanath PR. Targeting Src-mediated Tyr216 phosphorylation and activation of GSK-3 in prostate cancer cells inhibit prostate cancer progression in vitro and in vivo. *Oncotarget* 2014;5:775-87.

- **Goldspiel B**, Sewell G, Chan A. Happy 20th birthday to JOPP. *J Oncol Pharm Pract*. 2015 Jan 16. [Epub ahead of print]
- **Goldspiel BR**, Flegel WA, DiPatrizio G, Sissung T, Adams SD, Penzak SR, Biesecker LG, Fleisher TA, Patel JJ, Herion D, Figg WD, Lertora JJ, McKeeby JW. Integrating pharmacogenetic information and clinical decision support into the electronic health record. *J Am Med Inform Assoc* 2014;21:522-8.
- **Griffith N**, McBride A, Stevenson JG, Green L. Formulary selection criteria for biosimilars: considerations for US health-system pharmacists. *Hosp Pharm* 2014;49:813-25.
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New ACCP Fellows:

- Scott Soefje, Pharm.D., MBA, FCCP, BCOP
- Christine M. Walko, Pharm.D., FCCP, BCOP

Immunology/Transplantation PRN

Publications:

- **Doligalski CT**, Benedict K, Cleveland AA, Park B, Derado G, Pappas PG, Baddley JW, Zaas DW, Harris MT, Alexander BD. Epidemiology of invasive mold infections in lung transplant recipients. *Am J Transplant* 2014;14:1328-33.
- **Doligalski CT**, Liu E, Sammons C, Logan AT, Silverman D. Sublingual administration of tacrolimus: current trends and available evidence. *Pharmacotherapy* 2014;34:1209-11.
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- **Maldonado AQ, Tichy E, Rogers CC, Campara M, Ensor C, Doligalski C, Gabardi S, Descourouez J, Doyle I, Trofe-Clark J.** Assessing pharmacologic and non-pharmacologic risk in kidney transplant recipients. *Am J Health Syst Pharm.* Accepted for publication.
- **Meaney CJ,** Arabi Z, Venuto RC, Consiglio J, Wilding G, Tornatore KM. Validity and reliability of a novel immunosuppressive adverse effect scoring system. *BMC Nephrol* 2014;15:88.
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- Sawinski D, Forde KA, **Trofe-Clark J,** Patel P, Olivera B, Goral S, Bloom RD. Persistent BK viremia does not increase intermediate-term graft loss but is associated with de novo donor-specific antibodies. *J Am Soc Nephrol.* 2014 Sep 25. [Epub ahead of print]
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- **Tsapepas DS,** Martin ST, Miao J, Shah S, Fester K, Scheffert J, Ma K, Lat A, Egan R, McKeen J. *Clostridium difficile* infection, a descriptive analysis of solid organ transplant recipients at a single center. *Diagn Microbiol Infect Dis.* In press, available online.

Presentations at Professional Meetings:

All presentations listed below are for the American Transplant Congress Meeting, May 2015.

- **Aldag E,** Farrell S, Pedersen R, Sahajpal A, Clendenon J, Gunabushanam V, Kramer DJ. Evaluation of the effects of *N*-acetylcysteine treatment in adult liver transplant recipients.
- **Bedard R.** The correlation between donor-specific antibodies and heart transplant rejection.
- **Benken J,** Akkina S, Benedetti E. The use of bortezomib for desensitization in ABO incompatible and positive crossmatch kidney transplant. University of Illinois-Chicago, Chicago, IL.
- **Bowman L.** Short- and long-term outcomes of mycophenolate versus azathioprine in a large cohort of renal transplant recipients.

- **Bowman L.** Once-daily dosing is as effective as twice-daily dosing of immediate-release tacrolimus.
- Piccicacco N, **Doligalski CT.** Variability in incidence of *Clostridium difficile* infections and associated mortality among solid organ transplant recipients.
- **Hagopian J.** Renal function following basiliximab induction in liver transplant recipients.
- **Horwedel T.** Pharmacist-led renal-sparing conversion to everolimus after liver transplantation.
- **Horwedel T.** Vitamin D supplementation and acute rejection following kidney transplantation.
- **Jonchhe S, Alvey N, Jensik S, Olaitan O, Hodowanec A, Fayek S, Chan E, Pullum C, Hollinger E.** Evaluation of the use of leflunomide for the prevention of BK nephropathy in renal transplant recipients – a single center experience.
- Hsu T, Yin J, Awdishu L, **Kerr K, Steiner R.** Increasing tacrolimus exposure to minimize chronic rejection: how can we do it? What are the risks?
- **Kuten S.** Impact of positive crossmatch due to non-HLA antibodies on graft outcomes in renal transplantation.
- **Kuten S.** Significance of an isolated elevated PRA in renal transplantation.
- **Lin S.** Improved renal function post-liver transplant with earlier everolimus conversion.
- **Liu E, Doligalski CT.** Does prophylaxis strategy matter? CMV reactivation in moderate risk (R+) heart transplant recipients.
- **Mariski M, Dar W, DeGolovine A, Bynon JS, Hobeika M, Adroque HE.** Reduced-intensity immunosuppression protocol lowers drug costs and may decrease incidences of BK viremia and readmissions after kidney and kidney/pancreas transplant.
- **Meaney CJ, Venuto RC, Brazeau D, Consiglio JD, Cooper LM, Wilding GE, Tomatore KM.** ABCB1 haplotypes, sex, calcineurin inhibitors, and lipid profiles post-renal transplant.
- **Patel SJ, Knight RJ, Loucks JM, Kuten SA, Gaber AO.** Safety and efficacy of 3-month ciprofloxacin for BK prophylaxis in kidney transplantation.
- **Patel SJ, Kuten SA, Everett JB, Loucks-DeVos JM, Gaber LW, Gaber AO, Knight RJ.** Characteristics and consequences of renal allograft rejections due to nonadherence.
- **Patel SJ, Kuten SA, Loucks-DeVos JM, Knight RJ, Gaber AO.** African American race is an independent risk factor for cytomegalovirus infection in renal transplant recipients on low-dose valganciclovir prophylaxis.
- **Patel SJ, Loucks-DeVos JM, Knight RJ, Kuten SA, Gaber LW, Gaber AO.** Impact of donor-specific antibodies in the older kidney transplant recipient.
- **Rago J.** Impact of early urinary tract infections on renal graft function.
- **Rago J.** The effect of influenza vaccination on hospital admission in solid organ transplant recipients.
- **Sirandas B, Smith L, Truax C, Carlson A, Kenyon N.** Risk stratification in tailoring induction therapy in kidney transplant recipients (KTR): is it cost-effective?
- **Staino C.** Incidence of de novo donor-specific antibodies in kidney transplant recipients.
- **Staino C.** Protocol donor-specific antibody monitoring after kidney transplantation: what is the utility?
- **Tasnif Y.** Organ donation attitudes of Hispanic college students in the Rio Grande Valley: analysis of free responses.
- **Thielke J, West-Thielke P, Benedetti E.** Incidence of CMV viremia in obese and morbidly obese kidney transplants under a low-dose valganciclovir prophylaxis protocol. University of Illinois-Chicago, Chicago, IL.
- Janusek M, Patel S, Galen K, West-Thielke P, Benedetti E, **Thielke J.** A comparison of alemtuzumab and antithymocyte globulin induction in high-risk, non-sensitized African American renal transplant recipients. University of Illinois-Chicago, Chicago, IL.
- **Ticehurst E, Blumberg E, Vyas F, Olthoff K, Shaked A, Bruno S, Butcavage K, Knight E, Smith G, Gill S.** Etanercept for graft-versus-host-disease following liver transplantation.
- **Trofe-Clark J, Brennan D, West-Thielke P, Milone MC, Lim MA, Bloom R.** Comparison of pharmacokinetics and pharmacogenomics of once-daily extended-release MeltDose® tacrolimus tablets (Envarsus® XR) vs. twice-daily tacrolimus capsules in stable African American kidney transplant patients: a randomized cross-over study.
- **Trofe-Clark J, Brennan D, West-Thielke P, Milone MC, Lim MA, Bloom RD.** A randomized cross-over phase 3b study of the pharmacokinetics of once-daily extended-release MeltDose® tacrolimus (Envarsus® XR) versus twice-daily tacrolimus in African-Americans (ASERTAA).
- Reese PP, Bloom RD, **Trofe-Clark J, Mussell A, Leidy D, Levsky S, Zhu J, Lin Y, Troxel A, Feldman H, Volpp K.** Customized reminders and provider notification to improve adherence to immunosuppression.
- **West-Thielke PM, Campara M, Ladik A, Terranova E, Benedetti E, Thielke JJ.** Outcomes of Hispanic kidney transplant recipients under a cyclosporine versus tacrolimus based immunosuppression regimen. University of Illinois-Chicago, Chicago, IL.

Other Presentations:

- Zervos XB, **Beltran D**, Najafian N, Watson M, Agrawal N, Sears D, Tzakis A. Treatment of chronic hepatitis C virus infection by direct acting antivirals: beginning of a new era in kidney transplantation. Presented at: Cutting Edge of Transplantation Meeting.
- Zervos XB, **Beltran D**, Watson M, Sears D, Tzakis A. Sofosbuvir therapy in early and late post liver transplant setting: a single center experience. Presented at: Cutting Edge of Transplantation Meeting.
- **Hurtik ML**, Bag R, Neujahr DC. Achieving therapeutic posaconazole levels for fungal prophylaxis after lung transplantation: oral suspension versus delayed-release tablets. Presented at: International Society of Heart and Lung Transplantation.
- **Latran M**, Lane K, Shen C, Baz M, Duncan M, Hage C, Roe D, Hashmi Z, Wozniak T, Wang I. Impact of age and BMI on survival in lung transplant recipients. Presented at: International Society of Heart and Lung Transplantation.
- **Meaney CJ**, Sudchada P, Consiglio JD, Wilding GE, Venuto RC, Tornatore KM. Differences in mycophenolic acid and metabolite, mycophenolic acid glucuronide exposures between calcineurin inhibitor regimens post-renal transplant. Presented at: American Society for Clinical Pharmacology and Therapeutics; March 7, 2015; New Orleans, LA.
- **Tspepas D**. Best practices to optimize healthcare information technology in transplantation: the electronic future of transplant is now. Presented at: Sunrise Symposium: The American Society of Transplantation; May 2015; Philadelphia, PA.

Grants:

- Samantha Kuten was accepted to the São Paulo School of Advanced Science on Transplant Infectious Diseases conference that was held in São Paulo, Brazil, in October 2014.
- Yasar Tasnif, Pharm.D., BCPS: Valley Baptist Legacy Foundation (\$25,000). "Culture-Specific Interventions to Increase Organ Donation Advocacy"

Promotion:

- Nadia Hellenga, Pharm.D., BCPS, was promoted to Clinical Pharmacy Specialist in kidney transplantation.

Infectious Diseases PRN

Introduction:

The Infectious Diseases PRN (ID-PRN) continues to grow, with more than 2300 members, including 877

trainees. The ID-PRN has four active committees (Programming, Nominations, Awards, and Publications) that are working diligently to support and encourage membership involvement through meeting schedules, development of new awards and recognition categories for our members, and development of a PRN newsletter. The ID-PRN continues to support research and scholarly activity, and we look forward to supporting members this year with scholarships to the Focused Investigator Training (FIT) Program and/or the Mentored Research Investigator Training (MeRIT) Program.

Promotions:

- Samuel Aitken: Completed Fellowship – now Clinical Pharmacy Specialist in infectious diseases at UT MD Anderson Cancer Center
- Daryl Schiller: Pharmacy Director, Nyack Hospital, Nyack, New York

Awards:

- Jim Beardsley: American Society of Health-System Pharmacists Best Practices Award in Health-System Pharmacy for "Code Sepsis: Improving Sepsis Care, Saving Patients' Lives." December 2014
- Raymond Cha: 2014 ID-PRN FIT Scholarship Recipient
- Christopher Frei: 2014 July, Supervisor and Mentor, NIH/NCATS (National Center for Advancing Translational Science) Loan Repayment Award, Clinical Research (Kelly Reveles, Participant), L30 TR000604 (competitive renewal), "Prevention of Catheter-Related Bloodstream Infections"
- Christopher Frei: 2014 July, Supervisor and Mentor, NIH/NIAID (National Institute of Allergy and Infectious Diseases) Loan Repayment Award, Clinical Research (Grace Lee, Participant), L30 AI113836, "Molecular Epidemiology and Virulence of *Staphylococcus aureus*"
- Christopher Frei: July 2014, Academic Research Fellow, American Association of Colleges of Pharmacy
- Christopher Frei: May 2014, Mentor, Recipient (Grace Lee), Predoctoral Fellowship in Pharmaceutical Science, American Foundation for Pharmaceutical Education
- Crystal Howell: 2014 Travel Award to the 49th American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition 2014 in Anaheim, California
- Crystal Howell: 2014 Infectious Diseases PRN Student Travel Award to the 2014 ACCP Annual Meeting in Austin, Texas
- Crystal Howell: 2014 Baptist Health Foundation of San Antonio Scholarship

- Michael E. Klepser: 2014 ACCP Clinical Practice Award
- Emi Minejima: 2014 ID-PRN FIT Scholarship Recipient
- Emi Minejima: 2015 American Association of Colleges of Pharmacy New Investigator Award Recipient
- Lucas Miyake Okumura: Best Posters at “XIV Brazilian Congress of Infection Control and Hospital Epidemiology.” Winners: **Lucas Miyake Okumura**, Bruno Salgado Riveros, Monica Maria Gomes da Silva, and Izelandia Veroneze
- Lucas Miyake Okumura: Second Place, Jayme Torres Award, Brazilian Board of Pharmacists Brazil
- Kayla Stover: 2014 ID-PRN FIT Scholarship Recipient

Grants:

- Christopher Frei: NIH/NCATS (National Center for Advancing Translational Sciences), 5UL1 TR001120, Competitive Sub-Award: “A Rapid, Low-Cost Device for MRSA Identification and Drug Susceptibility.” Role: Co-PI
- Christopher Frei: National Library of Medicine (NLM), National Institutes of Health (NIH) under Contract HHSN-276-2011-00007-C with the Houston Academy of Medicine-Texas Medical Center Library: “What Is CA-MRSA? A Community Engagement Partnership to Heighten Awareness of Skin Infection.” Role: Co-I
- Christopher Frei: University of the Incarnate Word Feik School of Pharmacy Competitive Intramural Scientific Research Award: “Risk Factors for Selected Pathogens in Community-Dwelling Pneumonia Patients.” Role: Co-I
- Crystal Howell: 2014 C.A.B. Bond Memorial Grant from the TSHP Research and Education Foundation: “Epidemiology and Risk Prediction of Methicillin-Resistant *Staphylococcus aureus* Diabetic Foot Infections in a Large Academic Health System”

Publications:

- **Aitken SL**, Altshuler J, **Guervil DJ**, **Hirsch EB**, Ostrosky-Zeichner, Ericsson CD, Tam VH. Cefepime free minimum concentration to minimum inhibitory concentration (fCmin/MIC) ratio predicts clinical failure in patients with gram-negative bacterial pneumonia. *Int J Antimicrob Agents*. 2015 Jan 19. [Epub ahead of print]
- **Aitken SL**, Hemmige VS, Koo HL, **Vuong NN**, Lasco TM, **Garey KW**. Real-world performance of a microarray-based rapid diagnostic for Gram-positive bloodstream infections and potential utility for antimicrobial stewardship. *Diagn Microbiol Infect Dis* 2015;81:4-8.
- **Al-Shaer M**, Ibrahim T. Safety and efficacy of fondaparinux in renal impairment. *J Pharm Technol*. 2015 Jan 14. [pub ahead of print]

- **Al-Shaer M**, Nazer LH, Kherallah M. Rifampicin as adjunct to colistin therapy in the treatment of multidrug-resistant *Acinetobacter baumannii*. *Ann Pharmacother* 2014;48:766-71.
- Nazer L, Alnajjar T, **Al-Shaer M**, et al. Evaluating the effectiveness and safety of hydrocortisone therapy in cancer patients with septic shock. *J Oncol Pharm Pract*. 2014 Apr 29. [Epub ahead of print]
- **Bland CM**, **Bookstaver PB**, Lu ZK, Dunn BL, Rumley KF; Southeastern Research Group Endeavor (SERGE-45). Musculoskeletal safety outcomes of patients receiving daptomycin with HMG-CoA reductase inhibitors. *Antimicrob Agents Chemother* 2014;58:5726-31.
- **Bland CM**, Sutton SS, Dunn BL. What are the latest recommendations for managing severe sepsis and septic shock? *JAAPA* 2014;27:15-19.
- **Bookstaver PB**, Felder TM, Quidley AM, Ragucci K, Nappi J, Draper HM. Barriers to the pursuit of scholarly activities by pharmacy residents. *Curr Pharm Teach Learn* 2014;7:40-6.
- Hall RG II, Blaszczyk AT, Thompson KA, **Brouse SD**, Giuliano CA, **Frei CR**, **Forcade NA**, Mortensen EM, Bell T, Bedimo RJ, Alvarez CA. Impact of empiric weight-based vancomycin dosing on nephrotoxicity and mortality in geriatric patients with methicillin-resistant *Staphylococcus aureus* bacteraemia. *J Clin Pharm Ther* 2014;39:653-7.
- **DePestel DD**, Eiland E III, **Lusardi K**, **Destache CJ**, **Claude-Mercier R**, McDanel P, Lamp KC, **Chung TJ**, Hermsen ED. Assessing appropriateness of antimicrobial therapy: in the eye of the interpreter. *Clin Infect Dis* 2014;59(suppl 3):S154-S161.
- **Destache CJ**. Aminoglycoside-induced nephrotoxicity – a focus on monitoring: a review of the literature. *J Pharm Pract*. Published online before print: August 14, 2014.
- Date AA, Shibata A, Bruck P, **Destache CJ**. Development and validation of a simple isocratic reverse-phase HPLC method for the determination of rilpivirine from tablets, nanoparticles, and cell lysates. *Biomed Chromatogr*. 2014 Oct 9. [Epub ahead of print]
- Date AA, Shibata A, McMullen E, La Bruzzo K, Bruck P, Belshan M, Zhao Y, **Destache CJ**. Thermosensitive gel containing cellulose acetate phthalate-efavirenz nanoparticles for prevention of HIV-1 infection. *J Biomed Nanotech* 2015;11:416-27.
- Hermsen ED, McDanel P, Eiland E III, **Destache CJ**, **Lusardi K**, **Estrada S**, **Mercier RC**, **DePestel D**, **Lamp K**, **Anderson E**, **Chung T**, McKinnon P. Breaking down the barriers: challenges with

- development and implementation of an industry-sponsored antimicrobial stewardship data collection and analysis tool. *Clin Infect Dis* 2014;59(suppl 3):S179-S184.
- **Dilworth TJ**, Ibrahim OM, **Mercier RC**. Impact of an intravenous trimethoprim/sulfamethoxazole shortage on treatment outcomes among HIV-infected patients with *Pneumocystis jirovecii* pneumonia. *J Manag Care Spec Pharm* 2014;20:1246-54.
 - **Dilworth TJ**, Leonard SN, Vilay AM, **Mercier RC**. Vancomycin and piperacillin-tazobactam against methicillin-resistant *Staphylococcus aureus* and vancomycin-intermediate *Staphylococcus aureus* in an in vitro pharmacokinetic/pharmacodynamic model. *Clin Ther* 2014;36:1334-44.
 - **Dull RB**, Friedman SK, Risoldi AM, **Destache CJ**. A systematic review of antimicrobial use for asymptomatic bacteriuria in non-catheterized adults. *Pharmacotherapy* 2014;34:941-60.
 - **Frei CR**, Lee GC (Script Supervisors). MRSA The Movie: It's Not a Spider Bite. YouTube: July 2014. Available at www.youtube.com/watch?v=uvM1mKx_cNQ. Last accessed 7/12/14. This project has been funded in whole or in part with federal funds from the National Library of Medicine, National Institutes of Health, under Contract HHSN-276-2011-00007-C with the Houston Academy of Medicine-Texas Medical Center Library.
 - Lilly SM, Mortensen EM, **Frei CR**, Pugh MJ, Mansi IA. Comparison of the risk of psychological and cognitive disorders between persistent and nonpersistent statin users. *Am J Cardiol* 2014;114:1035-9.
 - Magulick JP, **Frei CR**, Ali SK, Mortensen EM, Pugh MJ, **Oramasionwu CU**, Daniels KR, Mansi IA. The effect of statin therapy on the incidence of infections: a retrospective cohort analysis. *Am J Med Sci* 2014;347:211-6.
 - Mansi I, Mortensen EM, **Frei CR**. Statins and musculoskeletal adverse events—reply [letter]. *JAMA Intern Med* 2014;174:303-4.
 - Mortensen EM, Halm EA, Pugh MJ, Copeland LA, Metersky M, Fine MJ, Johnson CS, Alvarez CA, **Frei CR**, Good C, Restrepo MI, Downs JR, Anzueto A. Association of azithromycin with mortality and cardiovascular events among older patients hospitalized with pneumonia. *JAMA* 2014;311:2199-208.
 - Rangel LB, Taraba JL, **Frei CR**, Smith L, Rodriguez G, Kuhn JG. Pharmacogenomic diversity of tamoxifen metabolites and estrogen receptor genes in Hispanics and non-Hispanic whites with breast cancer. *Breast Cancer Res Treat* 2014;148:571-80.
 - **Garey KW**, **Aitken SL**, Dima-Ala A, **Beyda ND**, **Kuper K**, Xie Y, Koo HL. Echinocandin use in hospitalized patients: a multi-institutional study. *Am J Med Sci*. 2015 Jan 20. [Epub ahead of print]
 - **Gross AE**, Van Schooneveld TC, **Olsen KM**, Rupp ME, Bui T, Forsung E, Kalil AC. Epidemiology and predictors of multidrug-resistant community-acquired and healthcare-associated pneumonia. *Antimicrob Agents Chemother* 2014;58:5262-8.
 - **Hirsch EB**, **Raux BR**, Lancaster JW, Mann RL, Leonard SN. Surface microbiology of the iPad tablet computer and the potential to serve as a fomite in both inpatient practice settings as well as outside of the hospital environment. *PLoS One* 2014;9:e111250.
 - **Justo JA**, **Bookstaver PB**. Antimicrobial lock solutions: technology update and logistical concerns. *Infect Drug Resist* 2014;7:343-63.
 - **Justo JA**, Gauthier TP, **Scheetz MH**, **Chahine EB**, **Bookstaver PB**, **Gallagher JC**, **Hermesen ED**, **DePestel DD**, **Ernst EJ**, Jacobs DM, **Esterly JS**, Suda K, **Olsen KM**, Abbo LM, **MacDougall C**. Knowledge and attitudes of doctor of pharmacy students regarding the appropriate use of antimicrobials. *Clin Infect Dis* 2014;59(suppl 3):S162-9.
 - **Kisgen J**. Chapter 37: principles of antimicrobial therapy. In: Whalen K, Finkel R, Panavelil TA, eds. *Lippincott Illustrated Reviews: Pharmacology*, 6th ed. Philadelphia: Lippincott Williams & Wilkins, 2014.
 - **Kisgen J**. Chapter 38: cell wall synthesis inhibitors. In: Whalen K, Finkel R, Panavelil TA, eds. *Lippincott Illustrated Reviews: Pharmacology*, 6th ed. Philadelphia: Lippincott Williams & Wilkins, 2014.
 - **Kisgen J**. Chapter 42: antifungal drugs. In: Whalen K, Finkel R, Panavelil TA, eds. *Lippincott Illustrated Reviews: Pharmacology*, 6th ed. Philadelphia: Lippincott Williams & Wilkins, 2014.
 - Cain S, **Kohn J**, **Bookstaver PB**, Albrecht H, Al-Hasan M. Stratification of the impact of inappropriate empirical antimicrobial therapy for gram-negative bloodstream infections by predicted prognosis. *Antimicrob Agents Chemother*. 2014 Oct 27. [Epub ahead of print]
 - **McClung KA**, **Stover KR**, **Cleary JD**. Drug-laboratory interaction between beta-lactam antibiotics and the galactomannan antigen test used to detect mould infections. *Braz J Infect Dis* 2014;18:544-7.
 - **Pappa K**, Baumgarten A, Felizarta F, Florence E, Portilla J, Walmsley S, Granier G, Wong D, Wynne B. Once-daily dolutegravir + abacavir/lamivudine vs. tenofovir/emtricitabine/efavirenz in treatment-naive HIV subjects: 144-week results-SINGLE (ING114467).

Presented at: 54th Interscience Conference on Antimicrobial Agents and Chemotherapy; September 5–9, 2014; Washington, DC.

- Granier C, Cuffe R, Martin-Carpenter L, Smith K, Brennan C, **Pappa K**, Wynne B, Almond S, Givens N, Aboud M. Consistency of dolutegravir treatment difference in HIV+ treatment naives at week 96. Presented at: 22nd Conference on Retroviruses and Opportunistic Infections; February 23–26; Seattle, WA.
- Raffi F, Rachlis A, Brinson C, Arasteh K, Gorgolas M, Brennan C, **Pappa K**, Almond S, Granier C, Nichols G, Cuffe R, Eron J, Walmsley S. Dolutegravir efficacy at 48 weeks in key subgroups of treatment-naive HIV-infected individuals in three randomized trials. *AIDS* 2015;29:167-74.
- **Pike M**, Saltiel E. Colistin- and polymyxin-induced nephrotoxicity: focus on literature utilizing the RIFLE classification scheme of acute kidney injury. *J Pharm Pract* 2014;27:554-61.
- **Reveles KR**, Lee GC, Boyd NK, **Frei CR**. The rise in *Clostridium difficile* infection incidence among hospitalized adults in the United States: 2001-2010. *Am J Infect Control* 2014;42:1028-32.
- Lee GC, **Reveles KR**, Attridge RT, Lawson KA, Mansi IA, Lewis JS II, **Frei CR**. Outpatient antibiotic prescribing in the United States: 2000 to 2010. *BMC Med* 2014;12:96.
- Teshome BF, **Reveles KR**, Lee GC, Ryan L, **Frei CR**. How gaps in regulation of compounding pharmacy set the stage for a multistate fungal meningitis outbreak. *J Am Pharm Assoc* 2014;54:441-5.
- **Rhodes NJ**, MacVane SH, **Kuti JL**, **Scheetz MH**. Impact of loading doses on the time to adequate predicted beta-lactam concentrations in prolonged and continuous infusion dosing schemes. *Clin Infect Dis* 2014;59:905-7.
- Peris J, **Rhodes N**, McCullough B, Aramini R, Zharikova A. Intermittent high-dose ethanol exposure increases ethanol preference in rats. *J Stud Alcohol Drugs* 2015;76:165-73.
- **Schiller DS**. Medication use evaluations as a research tool. *Pharmacotherapy* 2014;34(suppl 1):3S-4S.
- Kelly JS, Opsha Y, Costello J, **Schiller D**, Hola ET. Opioid use in knee arthroplasty after receiving intravenous acetaminophen. *Pharmacotherapy* 2014;34(suppl 1):22S-26S.
- **Stover KR**, Warrington L, Riche D, Bloodworth L, Sherman JJ. Impact of a residency interest group on residency knowledge and preparedness. *Am J Pharm Educ* 2014;78:127.
- **Tennant SJ**, Hester EK, Caulder CR, Lu ZK, **Bookstaver PB**. Adherence among rural HIV-infected

patients in the Deep South: a comparison between single-tablet and multi-tablet once daily regimens. *J Int Assoc Provid AIDS Care*. 2014 Oct 20. [Epub ahead of print]

- **Vakil N**, Fujinami N, Shah P. Pharmacotherapy of leishmaniasis in the United States: focus on miltefosine. *Pharmacotherapy*. TBD.
- **Zasowski E**, **Bland CM**, Tam VH, Lodise TP. Identification of optimal renal dosage adjustments for high-dose extended-infusion cefepime dosing regimens in hospitalized patients. *J Antimicrob Chemother* 2015;70:877-81.

New ACCP Fellows:

- P. Brandon Bookstaver, Pharm.D., BCPS-AQ (ID): South Carolina College of Pharmacy, USC, Columbia, South Carolina
- Mitchell Buckley, Pharm.D., FCCM, BCPS: Banner Good Samaritan Medical Center, Phoenix, Arizona
- Renee-Claude Mercier, Pharm.D., BCPS: University of New Mexico, Albuquerque, New Mexico
- Rocanna Namdar, Pharm.D., BCPS: Denver, Colorado
- Mary E. Temple Cooper, Pharm.D., M.S., BCPS: Chagrin Falls, Ohio

Other Notable Achievements:

- Amber Castle, Pharm.D.: Recognized in ACCP Member Spotlight, January 20, 2014
- Brandon Dionne: Board Certified Pharmacotherapy Specialist
- Daryl Schiller: Board Certified Pharmacotherapy Specialist recertification, Added Qualifications in Infectious Diseases recertification
- Tyler Vest, Pharm.D. Candidate: Recognized in ACCP Member Spotlight, November 2014

Nephrology PRN

Introduction:

The Nephrology PRN Programming Committee is planning a session for the 2015 Global Conference on Clinical Pharmacy on the treatment of kidney disease in special populations. We continue to stay active in the Kidney Health Initiative through the American Society of Nephrology. Several PRN members were able to gather and network at the annual American Society of Nephrology meeting in November and hope to have a similar opportunity at the upcoming National Kidney Foundation Spring clinical meetings.

Promotions:

- Francine Salinitri: Promoted to Associate Professor (clinical) at Wayne State University Eugene Applebaum College of Pharmacy and Health Sciences

Award:

- Timothy Nguyen: Awarded the New Jersey Pharmacists Association's 2014 Donald J. Wernik Academic Achievement Award

Grants:

- Melanie Joy: "A Novel Imatinib Dosage Form to Target the Kidney in Lupus Nephritis." Seed grant through the University of Colorado
- Melanie Joy and Thomas Nolin: "Drug-Metabolizing Enzymes and Transporter Function in Chronic Kidney Disease" (NIH R01)

Publications:

- **Joy MS**, Frye R, Nolin R, Roberts B, La M, Wang J, Brouwer KLR, Dooley MA, Falk RJ. In vivo alterations in drug metabolism and transport pathways in glomerulonephritis. *Pharmacotherapy* 2014;34:114-22.
- **Joy MS**, Roberts BV, Wang J, Hu Y, Hogan SL, Falk RJ. A pilot study of leukocyte expression patterns for drug metabolizing enzyme and transporter transcripts in autoimmune glomerulonephritis. *Int J Clin Pharmacol Ther* 2014;52:303-13.
- Margaiilan G, Fouleau M, Fallon J, Caron P, Villeneuve L, Turcotte V, Smith PC, **Joy MS**, Guillemette C. Quantitative profiling of human renal UGTs and glucuronidation activity: a comparison of normal and tumoral kidney tissues. *Drug Metab Dispos*. 2015 Feb 3. [Epub ahead of print]
- Trinkley K, Nikels M, Page RL, **Joy MS**. Automating and estimating glomerular filtration rate for dosing medications and staging chronic kidney disease. *Int J Gen Med* 2014;7:211-8.
- Wen X, Thorne G, Longqin H, **Joy MS**, Aleksunes LM. Activation of NRF2 signaling in HEK293 cells by a first-in-class direct KEAP1-NRF2 inhibitor. *J Biochem Mol Toxicol*. 2015 Feb 12. [Epub ahead of print]
- **Lewis SJ**, Mueller BA. Antibiotic dosing in patients with acute kidney injury: "enough but not too much." *J Intensive Care Med* 2014. [Epub ahead of print]
- **Lewis SJ**, Mueller BA. Antibiotic dosing in critically ill patients receiving CRRT: underdosing is overprevalent. *Semin Dial* 2014;27:441-5.

- **Meaney CJ**, Arabi Z, Venuto RC, Consiglio J, Wilding G, Tornatore KM. Validity and reliability of a novel immunosuppressive adverse effect scoring system. *BMC Nephrol* 2014;15:88.
- **Meaney CJ**, Hynicka L, Tsoukleris M. Vancomycin associated nephrotoxicity in adult medicine patients: Incidence, outcomes, and risk factors. *Pharmacotherapy* 2014;34:653-61.
- Baur BP, **Meaney CJ**. Tolvaptan for autosomal dominant polycystic kidney disease. *Pharmacotherapy* 2014;34:605-16.
- Tornatore KM, **Meaney CJ**, Chaing S, Wilding G, Gundroo A, Nainani N, Cooper LM, Gray V, Prey J, Clark K, Fetterly G, Venuto RC. Influence of sex and race on mycophenolic acid pharmacokinetics in stable African American and Caucasian renal transplant recipients. *Clin Pharmacokinet*. 2014 Dec 16. [Epub ahead of print]
- **Nekidy WE**, Dziemarski N, Soong D, Donaldson C, Ibrahim M, Kadri A. Cloxacillin-induced seizure in a hemodialysis patient. *Hemodial Int*. 2015.
- **Nguyen T**, Ahmed S, Venigalla S, Mullokandov E. Using beta blockers to treat heart failure. *JAAPA* 2014;27:50-5.
- **Nguyen T**. Knowing opioid medication formulations and eliminating confusion. *J Nurs Pract* 2014;10:865-7.
- **Pai AB**. Keeping kidneys safe: the pharmacist's role in NSAID avoidance in high-risk patients. *J Am Pharm Assoc* (2003). 2015;55:e15-25.
- **Pai AB**. Evaluating plasma pharmacokinetics of IV iron formulations: judging books by their covers? *Clin Pharmacokinet*. 2014 Dec 2. [invited editorial]
- Charytan DM, **Pai AB**, Chan CT, Coyne DW, Hung AM, Kovesdy CP, Fishbane S; on behalf of the American Society of Nephrology Dialysis Advisory Group. Considerations and challenges in defining the optimal utilization of iron in dialysis-dependent chronic kidney disease. *J Am Soc Nephrol*. 2014 Dec 26. [invited commentary]
- Cho S, Prokopienko AJ, Grabe DW, Cerulli J, Fox C, Vassalotti J, **Pai AB**. NSAID-avoidance education in community pharmacies for patients at high risk for acute kidney injury, Upstate New York, 2011. *Prev Chronic Dis* 2014;11:E220.
- **Schwenk MH**, Hirsch JS, Bomback AS. Aldosterone blockade in CKD: emphasis on pharmacology. *Adv Chronic Kidney Dis* 2015;22:123-32.
- **Wazny L**; the Anemia Review Panel. Anemia Guidelines for Family Medicine, 3rd ed. Toronto: MUMS Guideline Clearinghouse, 2014. (www.mum-shealth.com)

- **Wazny L**, Moist L. Chronic kidney disease. In: Gray, J, ed. Compendium of Therapeutic Choices, 7th ed. (CTC 7). Ottawa, Ontario, Canada: Canadian Pharmacists Association, 2014:chap 100.
- Harwood L, **Wazny L**, Wilson J. Recent changes in anemia management: the Kidney Disease Improving Global Outcomes (KDIGO) anemia guideline versus the Canadian Society of Nephrology (CSN) anemia commentary. CANNT J 2014;24:12-8.

Other Notable Achievements:

Abstract Presentations

- Roque-Atilano A, **Joy MS**. Effect of statins on the regulation of transport genes in human kidney and heart. Presented at: SOT Annual Meeting; March 2015; San Diego, CA.
- Roque-Atilano A, **Joy MS**. Differential effects of simvastatin and pravastatin on growth, expression, and transport in human kidney and heart. Presented at: Translational Science Meeting; April 2015; Washington, DC.
- **Meaney CJ**, Cooper L, Venuto R, Consiglio J, Wilding G, Tomatore K. Leukocyte patterns and mycophenolic acid pharmacokinetics in African American and Caucasian renal transplant recipients. Presented at: 2014 World Transplant Congress; July 28, 2014; San Francisco, CA. Abstract B993. Am J Transplant 2014;14(suppl 3):548.
- Tomatore KM, **Meaney CJ**, Sudchada P, Consiglio J, Wilding G, Chang S, Gundroo A, Leca N, Venuto R. Influences of sex and calcineurin inhibitors on mycophenolic acid pharmacokinetics post-renal transplant. Presented at: 2014 World Transplant Congress. July 28, 2014; San Francisco, CA. Abstract B986. Am J Transplant 2014;14(suppl 3):546.

Poster/Abstract Presentations at the American Society of Nephrology Annual Meeting

- Linda Awdishu: Urinary exosome biomarkers of AKI in patients with liver disease
- Linda Awdishu: Rationale and design of the genetic contribution to Drug Induced Renal Injury Study (DIRECT)
- Linda Awdishu: Phenotype of drug-induced renal injury: initial results from the DIRECT study
- Linda Awdishu: Frequency of nephrotoxicity in patients receiving intravenous vancomycin
- Joanna Hudson: Evaluation of antibiotic dosing in patients receiving sustained low-efficiency dialysis
- Joanna Hudson: Incidence of thromboembolism and use of antithrombotic primary prophylaxis in nephrotic syndrome patients

- Melanie Joy: Charkoftaki G, Atilano-Roque A, Ellison L, Nolin TD, **Joy MS**. Vitamin D exposure can influence drug metabolism and transport pathways. Presented at: ASN Annual Meeting; November 2014; Philadelphia, PA.
- Melanie Joy: **Joy MS**, Ellison L, Gomez MM, Johnston N, Jarvis C, Wright B, Kleeberger S, Aleksunes L. Pharmacogenetics of cisplatin acute kidney injury (AKI). Presented at: ASN Annual Meeting; November 2014; Philadelphia, PA.
- Melanie Joy: Roque-Atilano A, Aleksunes L, **Joy MS**. Evaluation of bardoxolone methyl (BARD) as a modulator of human kidney cell injury. Presented at: ASN Annual Meeting; November 2014; Philadelphia, PA.
- Calvin Meaney and Kathleen Tornatore: Comparison of mycophenolic acid exposure and gastrointestinal adverse effects in stable renal transplant recipients: association to calcineurin inhibitor therapy

National Presentation

- Melanie Joy: Alterations in transporter expression and function in in vitro and in vivo models of kidney disease. Invited lecture at: ASPET Annual Meeting; March 30, 2015; Boston, MA.

Presentations at the American Society of Nephrology Annual Meeting

- Katie Cardone: Drug clearance and dosing in patients receiving peritoneal dialysis
- William Dager: Is it a house of cards? Utilizing anticoagulants across the spectrum of kidney function and in patients receiving dialysis
- Rachel Eyler: Comparison of drug clearance and dosing during intermittent and continuous renal replacement therapy
- Melanie Joy: What should the clinical researcher know about drug development tools for developing kidney disease therapeutics? Invited lecture presented at: ASN Annual Meeting; November 2014; Philadelphia, PA.
- Melanie Joy: Targeting therapy for atrial fibrillation using pharmacogenomics. Invited lecture presented at: ASN Annual Meeting; November 2014; Philadelphia, PA.
- Gary Matzke: Turing the Titanic: improving data on drug disposition and dosing in IHD
- Bruce Mueller: Kidney Health Initiative's Open House and Workshop: Utility of in vitro approaches to help inform dosing
- Bruce Mueller: Critical Care Nephrology: 2014 update – Drug dosing in AKI

- Thomas Nolin: DAM! It's not all about excretion: distribution, absorption, and metabolism/transport can also change in kidney disease
- Wendy St. Peter: Why bother? Estimating kidney function for purposes of drug dosing

Other:

- Timothy Nguyen: Currently serves as Editor of the "Prescription Pad" column for the *Journal for Nurse Practitioners*

Pain and Palliative Care PRN

Introduction:

Pain and Palliative Care PRN members continue to receive recognition for their accomplishments in publications, promotions, and other areas of achievement.

Promotions and New Positions:

- Nina Cimino, Pharm.D.: New position: Assistant Professor, Department of Pharmacy Practice and Science, University of Maryland School of Pharmacy
- Renée Holder, Pharm.D., BCPS: Accepted a position as a Clinical Specialist in Palliative Care Services at Washington Hospital Center in Washington, D.C.

Grants:

- Leah Sera, Pharm.D., BCPS: \$6040 from Cumberland Pharmaceuticals Faculty Grant Program: "Management of Opioid-Induced Constipation in Advanced Illness: A Survey of Hospice Organizations." **PI: Leah Sera**
- Tracy L. Skaer, Pharm.D., FASHP, FABFE: \$27,546 from Washington State University Alcohol and Drug Abuse Research Program: Multiple Family Groups. "Mindfulness and the Management of Chronic Pain and High-Risk Opioid Use." **Co-PI: Tracy L. Skaer**
- Tracy L. Skaer, Pharm.D., FASHP, FABFE: \$4000 from Washington State University Alcohol and Drug Abuse Research Program: Undergraduate Research Fellowship: "Complementary and Alternative Medicine Use Among Chronic Pain Patients." Student: A.L. Male Ervik, Pharm.D. Candidate 2015; **Faculty Adviser: Tracy L. Skaer**
- Tracy L. Skaer, Pharm.D., FASHP, FABFE: \$4000 from Washington State University Alcohol and Drug Abuse Research Program: Undergraduate Research Fellowship: "Management of Chronic Pain in Patients with High Risk Opioid Use Through Narcotic Education." Student: A. Nwude, Pharm.D. Candidate 2015; **Faculty Adviser: Tracy L. Skaer, Pharm.D., BPharm**

Publications:

- **Cimino NM**, Lockman K, Grant M, McPherson ML. Knowledge, skills and attitudes in caring for older adults with advanced illness among staff members of long-term care and assisted living facilities: an educational needs assessment. *Am J Hosp Palliat Med*. Published online before print: December 2014.
- **Cimino NM**, McPherson ML. Evaluating the impact of palliative of hospice care provided in nursing homes. *J Gerontol Nurs* 2014;40:10-4.
- **DePriest AZ**, Black DL, Robert TA. Immunoassay in health-care testing applications. *J Opioid Manag* 2015. In press.
- **DePriest A**, Puet B, Heltsley R, Robert T, Black D. Uncertainty in assessing impact of drug-drug interactions on oxycodone metabolite patterns. *J Anal Toxicol* 2014;38:462.
- Cone EJ, **DePriest AZ**, Gordon A, Passik SD. Risks and responsibilities in prescribing opioids for chronic noncancer pain, part 2: best practices. *Postgrad Med* 2014;126:129-38.
- Cone EJ, **DePriest AZ**, Heltsley R, Black DL, Mitchell JM, LoDico C, Flegel R. Prescription opioids. III. Disposition of oxycodone in oral fluid and blood following controlled single dose administration. *J Anal Toxicol* 2015.
- Gordon A, Cone EJ, **DePriest AZ**, Axford-Gatley RA, Passik SD. Prescribing opioids for chronic noncancer pain in primary care: risk assessment. *Postgrad Med* 2014;126:159-66.
- **Fudin J**. Hydrocodone metabolism [letter to the editor]. *Pract Pain Manag* 2014;14:12-4.
- Gudín J, Laitman A, **Fudin J**, Kominek C. Combating opioid-induced constipation: new and emerging therapies. *Pract Pain Manag* 2014;14:41-8.
- Linares OA, Daly D, **Fudin J**, Daly-Linares A, Stefanovski D, Boston RC. Individualized Hydrocodone Therapy Based on Phenotype, Pharmacogenetics, and Pharmacokinetic Dosing. *Clin J Pain*. In print.
- Linares OA, **Fudin J**, Schiesser WE, Daly-Linares AL, Boston RC. CYP2D6 phenotype-specific codeine population pharmacokinetics. *J Pain Palliat Care Pharmacother*. 2015 Jan 6. [Epub ahead of print]
- Tennant F, Guess S, Gudín J, **Fudin J**. Rationale for medical management. *Pract Pain Manag* 2015;15:36-44.
- **Hutchison RW Jr**. Preoperative oral gabapentin provides no difference in pain scores postoperatively. *J Clin Pharm* 2014;1:1002.
- **Skaer TL**. Fibromyalgia: disease synopsis, medication cost-effectiveness, and economic burden. *Pharmacoeconomics* 2014;32:457-66.

- **Skaer TL.** Dosing considerations with transdermal formulations of fentanyl and buprenorphine for the treatment of cancer pain. *J Pain Res* 2014;7:495-503. Online Open Access: <http://dx.doi.org/10.2147/JPR.S36446>.
- **Skaer TL, Male Ervik AL, Nwude A.** Mindfulness-based therapy for chronic insomnia. *J Sleep Med Disord* 2014;1:1007. Online Open Access: www.jscimedcentral.com/SleepMedicine/sleepmedicine-1-1007.pdf.
- **Skaer TL, Nwude A, Male Ervik AL.** Sleep disturbance and suicide risk in the elderly. *J Sleep Disord Ther* 2014;3:181. Online Open Access: <http://dx.doi.org/10.4172/2167-0277.1000181>.
- Dennis VC, Britton ML, **Wheeler RE**, Carter SM. Practice experiences at a single institutional practice site to improve advanced pharmacy practice examination performance. *Am J Pharm Educ* 2014;78:Article 60.
- Saleem SA, Ammannagari N, **Winans ARM**, Leonardo J. Diffuse alveolar hemorrhage: a fatal complication of rituximab. *Global J Hematol Blood Transfus* 2015;2:1-3.

Textbook Chapters:

- **Fudin J, Perkins RJ, Lipman AG.** Practical pharmacokinetics of opioids. In: Cohen H. *Casebook in Pharmacokinetics*. New York: McGraw-Hill, 2015:131-51.
- **Fudin J.** Pain. In: Shapiro K, Brown SA, McNatty D, et al. *RxPrep Course Book*. 2015 Ed. RxPrep Inc. 2015:572-98.

Poster/Abstract Presentations:

- **DePriest AZ, Puet B, Heltsley R, Robert T, Black DL, Caplan YH.** Oral fluid testing of pain patients: illicit prevalence and regional patterns. Abstract presented at: Society of Forensic Toxicologists 2014 Annual Meeting; October 2014; Grand Rapids, MI.
- **DePriest AZ, Miller K, Puet B, Knight J, Roberts A, Black DL, Caplan YH.** Interpreting test results for pain management practitioners utilizing clinical pharmacy services. Abstract presented at: Society of Forensic Toxicologists 2014 Annual Meeting; October 2014; Grand Rapids, MI.
- Miller K, **DePriest AZ**, Robert T, Black DL, Caplan YH. Prescription and illicit drug trends in buprenorphine positive oral fluid specimens. Abstract presented at: Society of Forensic Toxicologists 2014 Annual Meeting; October 2014; Grand Rapids, MI.
- Roberts A, Puet B, **DePriest A**, Robert T, Black DL. Prevalence of clinically aberrant urine drug test results in an obstetric and gynecologic patient population. Abstract

presented at: Society of Forensic Toxicologists 2014 Annual Meeting; October 2014; Grand Rapids, MI.

- **Wheeler R, Kohorst J, Burch K, Lakamp J.** Improving PCA safety in a multi-hospital system using CPOE and smart pump technology. Poster presented at: 2014 American Society of Health-System Pharmacists Midyear Clinical Meeting; December 9, 2014; Anaheim, CA.

Presentations:

- **DePriest AZ.** Pain management, interpretation, and clinical implications. Workshop presentation at: Oral Fluid Testing: Basic Science and Practical Applications. Society of Forensic Toxicologists Annual Meeting; October 2014; Grand Rapids, MI.
- **DePriest AZ, Caplan YH, co-chairs.** Oral fluid testing: basic science and practical applications. Workshop presentation at: Society of Forensic Toxicologists Annual Meeting; October 2014; Grand Rapids, MI.
- **Fudin J.** October 10, 2014 – Medical Grand Rounds. Interpreting and responding to unexpected urine drug testing (UDT) results. Presented by: Videoconference for Department of Veterans Affairs Medical Systems at the Aleda E. Lutz VA Medical Center; Saginaw, MI.
- **Fudin J.** October 20, 2014 – Joint Federal Pharmacy Seminar at the Gaylord National Resort and Convention Center; National Harbor, MD:
- **Fudin J.** November 5, 2014 – Pharmacogenomics: personalizing medication management with pharmacogenetic testing (PGT) in pain. Northeast Chapter: NYS Council of Health-system Pharmacists. Normanside Country Club; Delmar, NY.
 - Personalizing medication management: a demystifying focus on pharmacogenetic testing (PGT) and managing unexpected urine drug test (UDT) results
 - Opioid-induced constipation: the science, the struggle and a new treatment option
- **Fudin J.** November 6, 2014 – Primer on inconspicuous and miscalculated risks of chronic opioid therapy. Central Chapter: NYS Council of Health-System Pharmacists. St. Joseph's Hospital; Syracuse, NY.
- **Fudin J.** November 14, 2014 – Dodging inconspicuous and miscalculated opioid risks in chronic noncancer pain. As part of daylong symposium, Controversies in Pain Management Opioids: On the Horns of a Dilemma. Presented at: Quillen College of Medicine Millennium Center; November 2014; Johnson City, TN.
- November 7, 2014 – New York State Society of Health-System Pharmacists (NYSCHP).
- **Fudin J.** December 8–12, 2014 – The Great Debates: Evidence-Based Management of Chronic Noncancer Pain. (1) Method for converting methadone (M.L.

McPherson v. J. Fudin). (2) Using urine or blood as the preferred medium for opioid drug monitoring (J. Strickland v. J. Fudin). Presented at: American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition; December 10, 2014; Anaheim, CA.

- **Fudin J.** Pain Management Practice-Based Certificate Program. Program moderator for 10-hour live and home study course development. Instructor for Acute and Chronic Opioid Therapy in Cancer and Noncancer Pain, Examining the Balance Between Pain Management and Abuse: A Primer on REMS, Neuropathy, Pathophysiology, A Contemporary Approach to Pre-emptive Analgesia in the Acute Pain Model and Pharmacy, and Pain Jeopardy Course Review. St. John Fisher College of Pharmacy; Rochester, NY.
- **Winans ARM, Engle A.** Impact of intensive pharmacotherapeutics on emergency department medication reconciliation: a novel clinical pharmacy practice model. Poster presented at: 2014 American College of Clinical Pharmacy National Meeting; 2014; Austin, TX.

Other Notable Achievements:

- Anne Z. DePriest, Pharm.D., BCPS: Received Certificate in Management Fundamentals, Vanderbilt University Owen Graduate School of Management, Nashville, Tennessee
- Anne Z. DePriest, Pharm.D., BCPS: Approved for membership in the Society of Forensic Toxicologist
- Renée Holder, Pharm.D., BCPS: Certified Pain Educator
- Leah Sera, Pharm.D., BCPS: Received graduate certificate in Instructional Systems Development from the University of Maryland, Baltimore County
- Tracy L. Skaer, Pharm.D., FASHP, FABFE: Editorial Board Member, *Journal of Sleep Medicine and Disorders*
- Tracy L. Skaer, Pharm.D., FASHP, FABFE: Editorial Board Member, *Pain Studies and Treatment*
- Tracy L. Skaer, Pharm.D., FASHP, FABFE: Grant Reviewer, Washington State University Alcohol and Drug Abuse Research Program
- Amanda McFee Winans, Pharm.D., BCPS: Elected as Secretary/Treasurer of the New York State Chapter of ACCP, 2015

Pediatrics PRN

Introduction:

The Pediatrics PRN has been working hard to develop programs and resources for members. We currently have

1100 members, 523 of whom are students, residents, or fellows. This is a drastic increase from previous years. We have enhanced the infrastructure of the PRN to include a Social Media Committee and a Professional Practice Committee. The Research Committee is currently designing a PRN-based research project with anticoagulation. The Education Committee is designing a great session for the 2014 ACCP Annual Meeting on the theme of global pharmacy. We have expanded student and resident involvement to include at least one resident and one student on each of our committees. We also offer travel awards for students and residents to attend the Annual Meeting and encourage them to apply. We are extremely happy with the progress the PRN has made during the past year and will continue to provide and enhance the benefits to members.

Check us out on Facebook! (www.facebook.com/accppediprn)

Awards:

- Lee Dupuis: Valued Contribution Award from the Pediatric Oncology Group of Ontario (POGO)
- Robert J. Kuhn: American Society of Health-System Pharmacists Outstanding Preceptor Award, December 2014

Publications:

- Lloyd AE, Honey BL, **John BM**, Condren M. Treatment options and considerations for intestinal helminthic infections. *J Pharm Technol* 2014;30:130-9.
- **Parrish RH, Benavides S**, Malak JT, **Potts AL**, Guirguis M, **Hagemann T**. Optimizing effectiveness in electronic prescriptions for pediatric outpatients: a call for responsive action. *Pharmacy* 2014;2:260-9.
- May ME, **So TY**. Overview of probiotics use in the pediatric population. *Clin Pediatr (Phila)* 2014;53:1231-8.
- Yang M, **So TY**. Revisiting the safety of over-the-counter cough and cold medication in the pediatric population. *Clin Pediatr (Phila)* 2014;53:322-6.
- Flank J, **Thackray J**, Nielson D, August A, Schechter T, Alexander S, Sung L, Dupuis LL. Olanzapine for treatment and prevention of acute chemotherapy-induced vomiting in children: a retrospective, multi-center review. *Pediatr Blood Cancer* 2015;62:496-501.
- Paskovaty A, Lucarelli CD, Patel P, Ryan M, Seyboth B, **Thackray J**, Pozotrigio M, Orsini N, Seo SK. Antimicrobial stewardship efforts to manage a pentamidine shortage. *Am J Health Syst Pharm* 2014;71:2014-8.
- Putnam LR, Levy SM, Johnson E, **Williams K**, Taylor K, Kao LS, Lally KP, Tsao K. Impact of a 24-hour discharge pathway on outcomes of pediatric appendectomy. *Surgery* 2014;156:455-61.

New ACCP Fellows:

- Sandra Benavides
- Allison Chung
- Mary Temple Cooper

Other Notable Achievements:

Members of the Board of Pharmacy Specialties, Specialty Council on Pediatric Pharmacy:

- Kimberley W. Benner
- Sandra Benavides Caballero
- Katherine Hammond Chessman
- Elizabeth A. Farrington
- Mark Haase
- Robert J. Kuhn
- Stephanie J. Phelps
- Michael D. Reed

Members of the Planning Committee of the Pediatric Pharmacy Preparatory Review Course:

- Alison Chung
- Joseph M. LaRochelle
- Kirsten H. Ohler
- Kalen Porter

Perioperative Care PRN

Introduction:

The Perioperative Care PRN, which was approved last year, has been accepting membership since October 2014. To date, the group has 31 members and is rapidly growing. A Facebook group (ACCP Perioperative Care Practice and Research Network) was recently established and is available to all pharmacists, students, and interdisciplinary professionals interested in perioperative care, patient safety, and collaboration across the care continuum. The Facebook group currently has 173 members from diverse professional backgrounds. Everyone is encouraged to join and participate in the posted discussions.

In addition, the Perioperative Care PRN Formation and Focus Session Development Committee members have been working diligently on the PRN's inaugural focus session, "Perioperative Care: Blood, Guts, and Pain," for the October 2015 ACCP Global Conference in San Francisco, California. Committee members are as follows: Stacey Bortlik Moultrie, Pharm.D., PRS (Chair); Richard Parrish, Ph.D., FCCP, BCPS; Kara Birrer, Pharm.D., BCPS; Marion Gaviola, Pharm.D.; Herbert Matthews,

Pharm.D.; and April Smith, Pharm.D., BCPS. The session should be very informative and exciting, and we hope to see you all there!

Formation Committee Welcomes

NEW MEMBERS:

- Daniel Aistrope, Pharm.D.
- Leah Bensimon, Student Pharmacist
- William Calhoun, RPh
- Renee Ford, Pharm.D., BCPS
- Rachel Foster, Pharm.D.
- Erin Gaffney, Pharm.D.
- S. Diane Goodwin, Pharm.D., FCCP, BCPS
- Ibrahim Hawash, Ph.D.
- Stacey Hollen, Pharm.D.
- Rebecca Huggins, Pharm.D.
- Eric Johnson, Pharm.D.
- Sara Jordan
- Lela King, Pharm.D., BCPS
- Jodi Meier, Pharm.D.
- Lauren Min, Pharm.D., M.S.
- Bhavik Nana, Pharm.D.
- Suzanne Nesbit, Pharm.D., BCPS, CPE
- Ellen Nickel, Pharm.D., BCPS
- Julia Schimmelpfennig, Pharm.D., M.S., BCPS
- Maria Seta Pusnik, Pharm.D., BCPS
- Kari Stanislaw, Pharm.D.
- Wendy Toler, Pharm.D.
- C. Edwin Webb, Pharm.D., MPH
- Kendra Whalen, Pharm.D.
- Ann Yapel, Pharm.D.

Recent Member Promotion:

- Stacey Bortlik Moultrie, Pharm.D., PRS, was named as copreceptor for the UF Health Shands Hospital "Transitions of Care" APPE rotation (pediatric).

Recent Member Publication:

- **Parrish RH**, Benavides S, Malak JT, Potts AL, Guirguis M, Hagemann T. Optimizing effectiveness in electronic prescriptions for pediatric outpatients: a call for responsive action. *Pharmacy* 2014;2:260-9. Available open access at <https://www.researchgate.net/>

publication/266258909_Optimizing_Effectiveness_in_Electronic_Prescriptions_for_Pediatric_Outpatients_A_Call_for_Responsive_Action.

Recent Notable Achievements:

- Stacey Bortlik Moultrie established the first ACCP Perioperative Care Practice and Research Network Facebook Group in November 2014, recruits and accepts interested members, maintains the site, and facilitates/oversees all posted discussions. In addition, she and four other members (Brett Hodgson, Pharm.D.; Ken Kormony, Pharm.D., BCPS; Kendra Buckmaster, CPhT; and Dianne Lockard, CPhT) of the UF Health Shands Pharmacy team, "It Takes All Types," completed their first relay marathon for the *Five Points of Life* LifeSouth 26.2-mile marathon in Gainesville, Florida, on February 15, 2015.
- Congratulations to Richard Parrish for his membership with the Alberta Health Services Surgical Quality Measures Working Group and for his ACCP Board of Regents candidacy.

Pharmacokinetics/Pharmacogenomics/ Pharmacodynamics PRN

Award:

- Mary H.H. Ensom was awarded the Canadian Society of Hospital Pharmacists BC Branch's highest honor, the Distinguished Service Award (2014). The Distinguished Service Award is given to an individual "who has shown significant and extensive contribution to hospital pharmacy at the local, provincial, and national levels."

Publications:

Papers:

- **Ensom MHH**, Decarie D. Stability of extemporaneously compounded dexamethasone in glass and plastic bottles and plastic syringes. *Can J Hosp Pharm* 2014;67:274-9.
- **Ensom MHH**, Decarie D. Stability of extemporaneously compounded clonidine in glass and plastic bottles and plastic syringes. *Can J Hosp Pharm* 2014;67:308-10.
- **Ensom MHH**, Decarie D. Stability of extemporaneously compounded pyridoxine in glass and plastic bottles and plastic syringes. *Can J Hosp Pharm* 2014;67:394-6.
- **Ensom MHH**. Forty-five years of the CJHP: never closed, always renovating. *Can J Hosp Pharm* 2014;67:405-6.
- Borttorff JL, Haines-Saah R, Kelly M, Oliffe JL, Torchalla I, Poole N, Greaves L, Robinson CA, **Ensom**

MHH, Okoli CTC, Phillips JC. Gender, smoking and tobacco reduction and cessation: a scoping review. *Int J Equity Health* 2014;13:114.

- Burgess S, Mabasa VH, Chow I, **Ensom MHH**. Evaluating outcomes of alternative dosing strategies for cefepime: a qualitative systematic review. *Ann Pharmacother* 2015;49:311-22.
- Egan G, **Ensom MHH**. Measuring anti-factor Xa activity to monitor low molecular weight heparin in obesity: a critical review. *Can J Hosp Pharm* 2015;68:33-47.
- Kanji S, Hayes M, Ling A, Shamseer L, Chant C, Edwards DJ, Edwards S, **Ensom MHH**, Foster DR, Hardy B, Kiser T, La Porte C, Roberts J, Shulman R, Walker S, Zelenitsky S, Moher D. Reporting guidelines for clinical pharmacokinetic studies: the ClinPK statement. *Clin Pharmacokinet*. 2015 Jan 31. [Epub ahead of print]
- Lo E, Wilby KJ, **Ensom MHH**. Use of proton pump inhibitor in management of gastro-esophageal varices – a systematic review. *Ann Pharmacother* 2015;49:207-19.
- Paiva M, **Ensom MHH**. Applying the principles of disease screening to the prostate cancer debate. *UBC Pharm Sci Student J (PSSJ)* 2014;2:38-42.
- Paquette VC, Culley C, Greanya E, **Ensom MHH**. Lacosamide as adjunctive therapy in refractory epilepsy in adults: a systematic review. *Seizure* 2015;25:1-17.
- Pawluk SA, Roels CA, Wilby KJ, **Ensom MHH**. A review of pharmacokinetic drug-drug interactions with the anthelmintic medications albendazole and mebendazole. *Clin Pharmacokinet*. 2015 Feb 18. [Epub ahead of print]
- Turgeon RD, Wilby KJ, **Ensom MHH**. Antiviral treatment of Bell's palsy based on baseline severity: a systematic review and meta-analysis. *Am J Med* 2015.
- Wang EH, Bolt JL, Decarie D, Semchuck W, **Ensom MHH**. A study of dabigatran stability in 3 clinically relevant environments: manufacturer's blister pack, unit-dose packaging, and community pharmacy blister pack. *Can J Hosp Pharm* 2015;68:16-21.
- Wilby KJ, **Ensom MHH**, Marra F. Review of evidence for measuring drug concentrations of first-line tuberculosis agents in adults. *Clin Pharmacokinet* 2014;53:873-90.

Books:

- **Caudle KE**, Rettie AE, Whirl-Carrillo M, Smith LH, Mintzer S, Lee MT, Klein TE, Callaghan JT. Clinical Pharmacogenetics Implementation Consortium guidelines for CYP2C9 and HLA-B genotypes and phenytoin dosing. *Clin Pharmacol Ther* 2014;96:542-8.

- Dunnenberger HM, Crews KR, Hoffman JM, **Caudle KE**, Broeckel U, Howard SC, Hunkler RJ, Klein TE, Evans WE, Relling MV. Preemptive clinical pharmacogenetics implementation: current programs in five US medical centers. *Annu Rev Pharmacol Toxicol* 2015;55:89-106.
- Ramsey LB, Johnson SG, **Caudle KE**, Haidar CE, Voora D, Wilke RA, Maxwell WD, McLeod HL, Krauss RM, Roden DM, Feng Q, Cooper-DeHoff RM, Gong L, Klein TE, Wadelius M, Niemi M. The Clinical Pharmacogenetics Implementation Consortium (CPIC) guideline for SLCO1B1 and simvastatin-induced myopathy: 2014 update. *Clin Pharmacol Ther* 2014;58:4534.
- Relling MV, McDonagh EM, Chang T, **Caudle KE**, McLeod HL, Haidar CE, Klein T, Luzzatto L. Clinical Pharmacogenetics Implementation Consortium (CPIC) guidelines for rasburicase therapy in the context of G6PD deficiency genotype. *Clin Pharmacol Ther*. 2014 May 2. [Epub ahead of print]
- Whaley SG, **Caudle KE**, Vermitsky JP, Chadwick SG, Toner G, Barker KS, Gyax SE, Rogers PD. UPC2A is required for high-level azole antifungal resistance in *Candida glabrata*. *Antimicrob Agents Chemother* 2014;58:4543-54. PMC J. In process.
- **Kiang TKL**, Wilby KJ, **Ensom MHH**. Clinical Pharmacokinetic and Pharmacodynamic Drug Interactions Associated with Antimalarials. Cham, Switzerland: Springer International, 2015.

Women's Health PRN

Introduction:

The Women's Health PRN now has 316 members, including 179 students, 6 residents, and 1 fellow. We have contributed to the pharmacy and women's health literature and plan to continue doing so, together with contributions to lay media publications, this year. We will be continuing our trainee travel awards and developing a scholarship/research award program for full members. For the 2015 Global Conference, the Women's Health PRN focus session theme is "Healthy Mom, Healthy Baby: Pharmacist Role in Optimizing Pregnancy Outcomes." We are planning a fantastic lineup of speakers and topics for the session.

Award:

- Christina Madison: Southern Nevada Immunization and Health Coalition Silver Syringe Award – Outstanding Pharmacy Immunization Program and the Public Health Leader of the Year Award by the Nevada Public Health Association

Grants:

- Tracy L. Skaer: \$27,546 from Washington State University Alcohol and Drug Abuse Research Program: "Multiple Family Groups, Mindfulness, and the Management of Chronic Pain and High-Risk Opioid Use"
- Tracy L. Skaer: \$4000 from Washington State University Alcohol and Drug Abuse Research Program: Undergraduate Research Fellowship: "Complementary and Alternative Medicine Use Among Chronic Pain Patients"
- Tracy L. Skaer: \$4000 from Washington State University Alcohol and Drug Abuse Research Program: Undergraduate Research Fellowship: "Management of Chronic Pain in Patients with High-Risk Opioid Use Through Narcotic Education"

Publications:

- **Briggs G**. Drugs in Pregnancy and Lactation, 10th ed. Released August 2014. [now completely available online]
- Clements JN, Hartzler M, Franks A, Sprunger T, **Karaoui LR**, Steinke D, Denetclaw TH. Perceived skill challenges for ACCP EDTR PRN members accomplishing scholarly activity. Poster presented at: 2014 ACCP Annual Meeting; 2014; Austin, TX.
- Smith KP, **Madison CM**, **Milne NM**. Gonadal suppressive and cross-sex hormone therapy for gender dysphoria in adolescents and adults: review of therapeutics. *J Hum Pharmacol Drug Ther* 2014;34(12).
- **Rafie S**, **McIntosh J**, **Shealy KM**, **Borgelt LM**, **Forinash A**, **Shrader SP**, **Koepf ER**, **McClendon KS**, **Griffin BL**, **Horlen C**, **Karaoui LR**, **Rowe EL**, **Lodise NM**, **Wigle PR**. Roles of the pharmacist in the use of safe and highly effective long-acting reversible contraception: an opinion of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014;34:991-9.
- **Skaer TL**. Fibromyalgia: disease synopsis, medication cost-effectiveness, and economic burden. *Pharmacoeconomics* 2014;32:457-66.
- **Skaer TL**. Dosing considerations with transdermal formulations of fentanyl and buprenorphine for the treatment of cancer pain. *J Pain Res* 2014;7:495-503.
- **Skaer TL**, Male Ervik AL, Nwude A. Mindfulness-based therapy for chronic insomnia. *J Sleep Med Disord* 2014;1:1007.
- **Skaer TL**, Nwude A, Male Ervik AL. Sleep disturbance and suicide risk in the elderly. *J Sleep Disord Ther* 2014;3:181.
- **Stone RH**, Hong J, Hyunyoung J. Pharmacokinetics of monoclonal antibodies used for inflammatory bowel diseases in pregnant women. *J Clin Toxicol* 2014;4:209.

- **Stone RH, Lodise NM, Morin A, Rafie S.** What is the restriction on over-the-counter EC access today? *J Adolesc Health* 2014;55:148.
- **Stone RH, Rafie S, El-Ibiary SY, Karaoui LR, Shealy KM, Vernon VP.** Oral contraceptive pills and possible adverse effects. *J Symptoms Signs* 2014;3:282-91.
- Perry R, **Stone RH**, Haider S. Contraceptive agents and drug interactions. In: Allen RH, Cwiak CA, eds. *Contraception for the Medically Challenging Patient*. Springer, 2014.

New ACCP Fellows:

- Sarah P. Shrader, Pharm.D., BCPS: Prairie Village, Kansas
- Mary E. Temple Cooper, Pharm.D., M.S., BCPS: Chagrin Falls, Ohio

Other Notable Achievements:

- Gerald Briggs: Sponsoring a pharmacist resident at a hospital in Spokane, Washington, who is specializing in obstetric pharmacotherapy and working closely with a group of maternal-fetal medicine specialists
- Christina Madison: Chair-Elect, California Society of Health-System Pharmacists Continuing Education Committee
- Mary Beth O'Connell: Fellow of the National Academies of Practice
- Tracy L. Skaer: Editorial Board Member, *Journal of Sleep Medicine and Disorders*
- Tracy L. Skaer: Editorial Board Member, *Pain Studies and Treatment*
- Tracy L. Skaer: Grant Reviewer, Washington State University Alcohol and Drug Abuse Research Program
- Tracy L. Skaer: Reviewer, *Journal of Addiction Medicine and Therapy*
- Tracy L. Skaer: Reviewer, *Pain Practice*
- Tracy L. Skaer: Reviewer, *International Clinical Psychopharmacology*
- Tracy L. Skaer: Faculty Adviser, Collaborations in Integrative and Allopathic Medicine Interest Group (CIAM) for professional students, Washington State University – Spokane; Member, Campus Wellness Collaborative, Washington State University – Spokane

RESEARCH INSTITUTE (RI) UPDATE

2015 INVESTIGATOR TRAINING PROGRAMS APPLICATION PERIOD OPEN

The Research Institute will offer the Focused Investigator Training (FIT) and Mentored Research Investigator

Training (MeRIT) programs this summer at the University of Georgia College of Pharmacy in Athens, Georgia, from July 9 to 13, 2015.

Scholarships available for 2015 Investigator Training Programs:

- Adult Medicine: One full-tuition scholarship to FIT and one full-tuition scholarship to MeRIT
- Ambulatory Care: One half-tuition scholarship to FIT and one half-tuition scholarship to MeRIT or one full-tuition scholarship to either program
- Clinical Administration: One \$500 scholarship for either FIT or MeRIT tuition
- Critical Care: Up to \$7500 in scholarships for either FIT or MeRIT tuition
- Drug Information: One \$500 scholarship for either FIT or MeRIT tuition
- Education and Training: One half-tuition scholarship to FIT
- Geriatrics: One half-tuition scholarship to FIT
- Health Outcomes: One \$1500 scholarship for FIT tuition
- Hematology/Oncology: One full-tuition scholarship to FIT
- Immunology/Transplantation: One full-tuition scholarship to FIT
- Pharmacokinetics/Pharmacodynamics/Pharmacogenetics: One half-tuition scholarship to MeRIT

The application period for the FIT and MeRIT programs closes on March 31, 2015. To access more information about the FIT or MeRIT program or to download an application form, please visit www.accpri.org/investigator/. All inquiries about these programs and completed applications may be sent by e-mail to Carla Scarborough at cscarborough@accp.com.

REQUEST FOR APPLICATIONS

2015 ACCP RI Futures Grants: Mentored Research Awards

Online Notice of Intent to Apply Due: April 1, 2015
Online Application Due: June 1, 2015

All students, trainees, and junior investigators who are members of ACCP are encouraged to apply. Futures grants may range from **\$5000 to \$40,000**, depending on applicant eligibility and the proposal's requisite budget. It is anticipated that up to \$100,000 in mentored, developmental research awards will be granted through the Futures Grants program in 2015.

To access detailed instructions and complete the online notice of intent and application, visit www.accpri.org/futuresapp. For all other questions, contact:

Carla Scarborough
ACCP Research Institute
(913) 492-3311
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ACCP RESEARCH INSTITUTE SPRING 2015 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 Web site to read the overview of the Research Institute’s strategic plan (www.accpri.org/about/plan.aspx). Thank you for supporting the ACCP Research Institute.

Who Joins the ACCP PBRN?

Do you routinely provide direct patient care? Are you frequently pondering 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 sample sizes to answer important clinical questions.

The ACCP PBRN continues to grow since its launch in February 2009. We have more than 1000 members to date, including members who belong to existing PRNs and whose data are shown below. We encourage each of you to join!

ACCP PBRN Members	PRN Code	PRN Name
104	AMED	Adult Medicine
203	AMBU	Ambulatory Care
117	CARD	Cardiology
21	CNSY	Central Nervous System
35	CADM	Clinical Administration
123	CRIT	Critical Care
7	DINF	Drug Information
88	EDTR	Education and Training
28	EMED	Emergency Medicine
44	ENDO	Endocrine and Metabolism
40	GERI	Geriatrics

19	GILN	GI/Liver/Nutrition PRN
9	GLBL	Global Health
24	OCEC	Health Outcomes
46	HMON	Hematology/Oncology
10	HIV	HIV
43	IMTR	Immunology/Transplantation
130	INFD	Infectious Diseases
23	NEPH	Nephrology
24	PAIN	Pain and Palliative Care
54	PEDI	Pediatrics
4	PERI	Perioperative Care
6	INDU	Pharmaceutical Industry
23	PKPD	Pharmacokinetics/ Pharmacodynamics/ Pharmacogenomics
23	WOMN	Women’s Health

2/27/2015

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 <http://www.accpri.org/pbrn/registration.aspx>. We invite you to browse our “Now Recruiting” and “Ongoing” studies by visiting our Web site (<http://www.accpri.org/pbrn/researchProjects.aspx>) or share your idea for a potential PBRN study at any time (<http://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 members of 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.

From the Desk of the ACCP PBRN Network Director:

Practice-based research networks (PBRNs) link relevant clinical questions with rigorous research methods in real-life settings and produce scientific information that is not only externally valid, but also easily assimilated into practice. The described mission of the American College of Clinical Pharmacy (ACCP) PBRN is “to facilitate collaborative research that promotes the safe, efficacious,

and cost-effective use and delivery of medications and clinical pharmacy services.” Emphasizing the words “collaborative research,” the ACCP PBRN has developed an inclusive and collaborative publication policy that both meets the requirements of top medical and health policy journals and provides opportunities for clinical pharmacist site investigators or participants to engage in research as an author in certain research studies.

Depending on the funding source for the study, site investigators and participants may be offered, or may request, opportunities for authorship. For research funded through mechanisms supported by the ACCP Research Institute and for studies requested by ACCP leadership, opportunities for authorship will typically be greater for site investigators and participants. For research funded by external granting agencies and conducted within the ACCP PBRN, investigators will be encouraged, but not required, to involve interested site investigators as coinvestigators and potential authors in the study. Although opportunities for these types of studies may be fewer, site investigators are usually offered greater monetary compensation for their participation.

Criteria for authorship are the same for all studies involving site investigators or participants and are consistent with recommendations published by most major journals. Specifically, all authors must contribute meaningfully to the development of the study methods, participate in the development and conduct of the analysis, or interpret the study’s results. In addition, authors must be actively involved in preparing or editing the manuscript. Finally, all authors must accept responsibility for some or all of the publication or presentation.

Regardless of the study’s funding source, all study site investigators who are not authors will receive an acknowledgment in any publication of the study. Study participants will not be named in an acknowledgment for ethical reasons.

We strongly encourage site investigators and participants to become more actively involved in the ACCP PBRN. The PBRN was developed with the shared goal of answering questions crucial to clinical pharmacists’ practices and providing research opportunities for clinical pharmacists interested in participating in research who might not have sufficient time or support to lead research. Help us realize the full potential of the ACCP PBRN!

For more information about the ACCP PBRN publication policy or about how you can get involved with PBRN projects, please contact us by e-mail (pbm@accp.com) or telephone (913) 492-3311.

Daniel Touchette, Pharm.D., M.A.
Network Director, ACCP PBRN



WASHINGTON UPDATE

ACCP Washington Office: PRN Update, March 2015

ACCP considers the PRNs one of the College’s main strengths. PRNs provide a means for communication and networking among members, facilitate the timely dissemination of information related to the College’s activities, and coordinate members who share common professional goals to support the College’s strategic mission to develop, advance, and position clinical pharmacists.

For 2 years, ACCP has been engaged in 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. Since the Medicare Initiative was formally launched, ACCP’s Washington office has made a concerted effort to improve our collaboration with the College’s PRNs to advance our advocacy agenda.

The response from the PRNs has been impressive. PRN chapter officers and leaders have led efforts to raise funds from PRN members for ACCP’s Political Action Committee (PAC) and have used PRN meetings and communications to stimulate discussion and interest in our Medicare Initiative.

As we go forward with our efforts to move this issue forward on Capitol Hill, the leadership of our PRNs is even more important. Just as PRN members collectively possess a depth of clinical knowledge and expertise that significantly contributes to ACCP’s success, so too are PRN members essential to our advocacy efforts. There are no better advocates for this effort than the clinical leaders who deliver these services to patients across the country.

Medicare Initiative Recap: What Are We Trying to Achieve?

ACCP’s initiative aims to enact legislative and regulatory changes to the Medicare program and relevant sections of the Social Security Act (42 USC and relevant sections, primarily [section 1861](#)) to recognize the direct patient care services of qualified clinical pharmacists (defined as CMM (comprehensive medication management) as a covered benefit under the Medicare program.

Medicare Initiative Recap: How Does Our Proposal Define Comprehensive Medication?

Working in formal collaboration with physicians and other members of the patient’s health care team, qualified clinical pharmacists:

- identify and document medication-related problems of concern to the patient and all members of the care team, using a consistent care process that ensures medication appropriateness, effectiveness, and safety;
- initiate, modify, monitor, and discontinue drug therapy to resolve the identified problems and achieve medication-related outcomes that are aligned with the overall care plan and goals of therapy; and
- engage and educate patients and families in fully understanding their medication regimen, supporting active patient engagement in the successful use of their medicines to achieve desired health outcomes.

Medicare Initiative Recap: How Does Our Proposal Define “Qualified Clinical Pharmacist”?

A qualified clinical pharmacist:

- has a Pharm.D. degree or possesses equivalent clinical training/experience;
- has a formal collaborative drug therapy management (CDTM) agreement with a physician/medical group or has been granted clinical privileges to provide the service by the care setting in which he or she practices; and
- is certified or eligible for certification in a pharmacy practice specialty recognized by the Board of Pharmacy Specialties (BPS).

2013–2014 Progress Report

During the 113th Congress, ACCP made considerable progress in advancing its Medicare Initiative, which resulted in meaningful interest, particularly on the Senate side, from a bipartisan group of lawmakers who recognize the value of a truly team-based, patient-centered approach to health care and understand that “getting the medications right” through a consistent process of CMM is a vital component of evolving payment and delivery models, both in Medicare and across all payers and delivery systems.

Legislative Tactics

Even as we recognize the value of the introduction of a stand-alone bill in terms of building momentum and support for the issue among our members and within Congress, we understand that stand-alone legislation advancing our initiative will never receive meaningful consideration on the House or Senate floor. In reality, any action on our issue will ultimately come as part of a much broader health care reform package. In practical terms, our goal is to influence the broader debate on Medicare payment and delivery reform to ensure that language

incorporating the key provisions of our policy platform is included in a meaningful legislative vehicle.

Several congressional offices have emphasized the importance of securing the support of other health professionals, particularly physicians. Beyond Capitol Hill, ACCP has been engaged in an ongoing dialogue with several organizations representing the physician community, notably through our ongoing work with the Patient-Centered Primary Care Collaborative (PCPCC), an organization representing more than 1300 stakeholders dedicated to advancing an effective and efficient health system built on a strong foundation of primary care and the patient-centered medical home (PCMH). ACCP continues to build strategic relationships with senior government affairs staff from a diverse range of health professions, including the American College of Physicians (ACP), American Academy of Family Physicians (AAFP), American Osteopathic Association (AOA), and American Congress of Obstetricians and Gynecologists (ACOG).

We are confident that the underlying structure of our Medicare Initiative will help secure the vital support of other professions on the health care team. For example, the requirement that in order to deliver care under our proposal, qualified clinical pharmacists must have in place an active CDTM agreement not only ensures that the necessary systems are in place to facilitate the process of care and optimize efficiency, but also reassures physicians that the initiative does not encroach on their work as diagnosticians and prescribers.

2015 Outlook

After 2 years of conversations on Capitol Hill, we are confident that ACCP’s strategic approach is the right one. Throughout the 114th Congress, we will maintain our rigorous schedule of lobbying visits and maintain a visible presence on Capitol Hill to help elected officials better understand what CMM is and why a CMM benefit under Part B is essential if Medicare is to achieve its goals of better care, better outcomes, and lower costs. At the same time, we will continue to monitor emerging issues in the ongoing health care debate to identify potential legislative “vehicles” to which our proposal could be attached.

ACCP’s Medicare Initiative is consistent with the College’s core principles and is in keeping with the priorities laid out in the College’s strategic plan. Our policy materials clearly define a process of care that differentiates the practice of the clinical pharmacist (CMM) from the practices of other members of the health care team and fills a need that is unmet through the existing processes of care. We strongly believe that by remaining true to our advocacy platform and the College’s core values, we can influence health policy discussions and ultimately secure inclusion of legislative language that incorporates

Medicare Part B coverage for a team-based, patient-centered CMM delivered by qualified clinical pharmacists.

Advancing Our Medicare Initiative Through Grassroots Action

We believe that our investment in our Washington office and advocacy activities during the past 12 years leaves us well placed to advance our Medicare Coverage Initiative. But our success ultimately lies in the engagement of ACCP members to help their elected officials understand the importance of “getting the medications right” as part of patient-centered, team-based models of care delivery.

With its more than 15,000 members, not to mention their professional colleagues and patients, ACCP has the potential to exert considerable influence on Capitol Hill. But to realize this potential, we need the active participation of all our members as grassroots advocates.

Identifying Political Champions

In seeking to identify potential champions to advance our initiative in Congress, we need to identify elected officials who share our vision of a more patient-centered, team-based, and quality-focused approach to Medicare who also sit on the congressional committees of jurisdiction over the Medicare program itself.

In the House of Representatives, jurisdiction over Medicare is shared between the Energy and Commerce Committee and the Committee on Ways and Means. In the Senate, the Finance Committee oversees Medicare issues. Members who sit on these committees are best placed to introduce legislation on behalf of ACCP and work to ensure its passage into law.

- [Click here](#) to view the members of the Senate Finance Committee.
- [Click here](#) to view the members of the House Energy and Commerce Committee.
- [Click here](#) to view the members of the House Ways and Means Committee.

To determine whether your elected officials sit on a committee of jurisdiction, visit our [Legislative Action Center](#) and enter your zip code to view your congressional delegation. Check your work zip codes as well as your home address – especially if you practice in multiple sites. Members of Congress will be interested to learn about innovative, cost-saving care delivery going on in their district, even if you are not a constituent residing in that district.

ACCP’s Guide to Hosting a Visit of Elected Officials to Your Practice

Hosting a visit of your elected officials to your practice is perhaps the single most important thing you can do to

help lawmakers understand what team-based, patient centered clinical practice is all about—and to generate their support for recognition and payment for clinical pharmacists’ services.

A visit also serves as a means to establish an ongoing constructive dialogue with your congressman or senator, and their staff, on issues important to the delivery of team-based, patient-centered care.

A comprehensive guide to inviting a member of Congress to tour your practice site is available on our [Legislative Action Center](#). If you would like to discuss the process of hosting a lawmaker at your practice site, please contact John McGlew at (202) 621-1820 or jmcglew@accp.com.

All ACCP members are urged to consider inviting their elected officials to learn more about their practice through a tour of their practice site.

Advancing Our Medicare Initiative Through the ACCP Political Action Committee (ACCP-PAC)

Political contributions are an essential component of our grassroots advocacy toolkit, helping to raise our profile on Capitol Hill and show our support for members of Congress who share our vision for clinical pharmacists in an evolving Medicare program.

A well-funded PAC can be used to demonstrate the support within the profession for our legislative initiative and the importance that ACCP members attach to moving it forward in Congress.

ACCP-PAC depends entirely on the support of ACCP members. Although several PACs represent various segments of the pharmacy profession, ACCP has the only PAC dedicated to advancing the practice of clinical pharmacy.

We call on the PRNs to reach out to their members to encourage participation in the PAC. If each ACCP member contributed just \$25, ACCP-PAC would raise more than \$300,000. All ACCP members should consider donating at least \$25 to ACCP-PAC. [CLICK HERE](#) to support your PAC today!

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

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1455 Pennsylvania Avenue NW
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Washington, DC 20004-1017
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ACCP Student Chapters

Because of the growing interest in clinical pharmacy, ACCP expanded opportunities for student involvement in the College by formally recognizing student chapters in October 2013. Since then, more than 50 [student chapters](#) have been formed.

Benefits of Student Membership

Students can benefit from ACCP membership in many ways, including:

- Leadership development experiences (as student liaisons and as members of the National Student Network Advisory Committee);
- Options to explore clinical pharmacy specialties (by taking advantage of complimentary student membership in up to two PRNs);
- Opportunities to expand and showcase their knowledge (through Scientific Poster Presentations and the Clinical Pharmacy Challenge); and
- Career development guidance (through the CV Review Service, the “Emerge from the Crowd: How to Become a Standout Residency Candidate” sessions, and career development programming at national meetings).

Creating a student chapter is a great way to help pharmacy students learn about clinical pharmacy and get involved in ACCP. Any ACCP College of Pharmacy Faculty Liaison can establish a formally recognized student chapter by submitting an official chapter application. If the application is approved, the liaison will be invited to serve as the primary faculty adviser for the student chapter. For complete information on establishing a student chapter, and to download a New ACCP Chapter Application, please visit www.accp.com/stunet/studentliaisons.aspx. For more information about student chapters, e-mail us at membership@accp.com.



2015 ACCP CLINICAL PHARMACY CHALLENGE: THE EXCELLENCE CONTINUES

ACCP’s national pharmacy student team competition returns in 2015. The Clinical Pharmacy Challenge offers eligible teams the opportunity to compete in up to four online rounds, with the top

eight teams advancing to the live quarterfinal competition at the 2015 ACCP Global Conference on Clinical Pharmacy in San Francisco, California. Plan now to participate this fall. Team registration opens April 6, 2015.

Competition Overview

The ACCP Clinical Pharmacy Challenge is a team-based competition. Teams of three students will compete against teams from other schools and colleges of pharmacy in a “quiz bowl”-type format. Only one team per institution can enter the competition. Institutions with branch campuses, distance satellites, and/or several interested teams are encouraged to conduct a local competition.

Preliminary rounds of the national competition will be conducted virtually in September. The quarterfinal, semi-final, and final rounds will be held live at the ACCP Global Conference on Clinical Pharmacy in San Francisco, October 17–19, 2015.

Each round will consist of questions offered in the three distinct segments indicated below. Item content used in each segment has been developed and reviewed by an expert panel of clinical pharmacy practitioners and educators.

- Trivia/Lightning
- Clinical Case
- Jeopardy-style

Each team advancing to the quarterfinal round held at the ACCP Global Conference will receive three complimentary student full-meeting registrations. Each team member will receive an ACCP gift certificate for \$125 and a certificate of recognition. Semifinal teams not advancing to the final round will receive a semifinal team plaque for display at their institutions. The second-place team will receive a \$750 cash award (\$250 to each member) and a commemorative team plaque.

The winning team will receive a \$1500 cash award (\$500 to each member), and each team member will receive a commemorative plaque. A team trophy will be awarded to the winning institution.

Students are not required to be members of ACCP to participate. [Team registration](#) may 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, any faculty member from the institution can initiate the registration process. The registering faculty member must confirm the eligibility of all team members and/or alternates online before a team will be permitted to compete. **The deadline for completing your team registration is September 8, 2015.**

ACCP NATIONAL STUDENT NETWORK ADVISORY COMMITTEE (SNAC)

Now Accepting Applications for 2015–2016

Initiated as a working group in 2006, the National Student Network Advisory group became a standing committee of the College in 2007 whose members are appointed by the ACCP president-elect. The present 11-member committee serves in an advisory capacity to the ACCP Board of Regents and staff, providing feedback and assistance in developing new programs and services for students.

Student members who are interested in serving on the ACCP SNAC, either as a member-at-large or in a leadership role, may apply for appointment. All applicants must submit a CV, a personal essay, and a letter of recommendation from a professor, a preceptor, or an academic dean or his or her designee. [Application for appointment](#) to the 2015–2016 SNAC is available online. Applications are due **June 12, 2015**.

POSTGRADUATE TRAINEE UPDATE

All resident, fellow, and graduate student members of ACCP currently receive a monthly electronic newsletter titled [Experts in Training](#). The newsletter primarily highlights membership benefits of ACCP, but it also addresses individual questions in greater detail through the Q&A section. You may view the archives through the link above. If there are topics you'd like to see covered in future editions, submit your ideas to ksims@accp.com.

Educational programming for our resident members continues to increase. In addition to the “Chart the Course of Your Professional Future” presentation and the Career Path Roundtables at the Annual Meeting, resident-specific webinars are offered twice yearly. In November 2014, “Residents Precepting Students: From Trainees to Trainers” was presented by Dr. Brianne Dunn, assistant clinical professor in the Department of Clinical Pharmacy and Outcomes Sciences at the South Carolina College of Pharmacy, clinical pharmacy specialist in cardiology at the Wm. Jennings Bryan Dorn VA Medical Center, and the 2014 ACCP New Educator Award recipient. In May 2015, Dr. Brian Cross will present “On Your Own: Developing and Sustaining a Collaborative Pharmacy Practice.” Residents can receive continuing pharmacy education credit for these live or recorded webinars.

Fifty-three postgraduate trainee members of ACCP currently participate in the 2014–2015 Mentoring Program. Mentors are ACCP members who have at least 5 years of professional experience and have volunteered to participate in the program. Mentor/mentee pairs are encouraged to correspond at least monthly and are provided with timely topics of discussion. A call for mentors goes out each year in August.

The College is currently accepting applications for all positions on the 2015–2016 National Resident Advisory Committee. The committee is a working group composed of resident, fellow, or graduate student members of ACCP. Applications for chair, vice chair, and member-at-large positions are due by June 12, 2015.

PRN MEMBERSHIP TOTALS

PRN Membership Totals

Practice and Research Network	TOTAL
Ambulatory Care PRN (AMBU)	2187
Adult Medicine PRN (AMED)	1153
Clinical Administration PRN (CADM)	466
Cardiology PRN (CARD)	1312
Central Nervous System PRN (CNSY)	282
Critical Care PRN (CRIT)	2219
Drug Information PRN (DINF)	432
Education and Training PRN (EDTR)	588
Emergency Medicine PRN (EMED)	802
Endocrine and Metabolism PRN (ENDO)	322
Geriatrics PRN (GERI)	438
GI/Liver/Nutrition PRN (GILN)	234
Global Health PRN (GLBL)	103
HIV PRN (HIV)	156
Hematology/Oncology PRN (HMON)	931
Immunology/Transplantation PRN (IMTR)	486
Pharmaceutical Industry PRN (INDU)	357
Infectious Disease PRN (INFD)	2258
Nephrology PRN (NEPH)	212
Health Outcomes PRN (OCEC)	251
Pain and Palliative Care PRN (PAIN)	373
Pediatrics PRN (PEDI)	1075
Perioperative Care PRN (PERI)	32
Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN (PKPD)	337
Women's Health PRN (WOMN)	304
TOTAL:	17,310

PRN CONTACT INFORMATION

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

Adult Medicine	Jacqueline L. Olin, Pharm.D., M.S., BCPS
Ambulatory Care	Brian K. Irons, Pharm.D., FCCP, BCACP
Cardiology	Douglas L. Jennings, Pharm.D., BCPS
Central Nervous System	Ronald C. Reed
Clinical Administration	Kyle H. Townsend, Pharm.D., BCPS
Critical Care	Christopher Paciullo, Pharm.D., BCPS
Drug Information	Cathy H. Ficzere, Pharm.D., BCPS
Education and Training	Sarah Nisly, Pharm.D., BCPS
Emergency Medicine	Kyle A. Weant, Pharm.D., BCPS
Endocrine and Metabolism	Jessica Trompeter, Pharm.D.
Geriatrics	Jena Ivey Burkhart, Pharm.D., BCPS, CPP
GI/Liver/Nutrition	Edward Scott Lozano, Pharm.D., BCNSP
Global Health	Renee Holder, Pharm.D.
Health Outcomes	Kari L. Olson, Pharm.D., FCCP, BCPS
Hematology/Oncology	Christine M. Walko, Pharm.D., BCOP
HIV	Melissa Badowski, Pharm.D.
Immunology/Transplantation	Reed Hall, Pharm.D., BCPS
Infectious Diseases	P. Brandon Bookstaver, Pharm.D., BCPS-AQ (ID)
Nephrology	Anne Marie Liles, Pharm.D., BCPS
Pain and Palliative Care	Amanda R. McFee Winans, Pharm.D., BCPS
Pediatrics	Joseph M. LaRochelle, Pharm.D.
Perioperative Care	Stacey Bortlik Moultrie, Pharm.D.
Pharmaceutical Industry	Margaret E. Murphy, Pharm.D.
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics	Gamal Hussein
Women's Health	Sally Rafie, Pharm.D., BCPS