

ACCP PRN Report

American College of Clinical Pharmacy

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PRESIDENT'S COLUMN

Judith Jacobi, Pharm.D., FCCP, MCCM, BCPS



What Does PRN Membership Offer?

Even though ACCP has a phenomenal level of engagement with its members—as evidenced by your outpouring of applications to join committees—yet there is always more to be done professionally than can be accomplished. President-Elect Terry Seaton, Pharm.D., FCCP, BCPS, has done his best to match your skills to the available committees and task forces, but many will be left without that opportunity this year. Don't let your sense of volunteerism go to waste. For the majority of members, it is PRNs that provide individuals that you connect with most throughout the year. For those already active in your PRN, my thanks for your service. For those looking for more involvement, this is a great place to contribute to our professional organization.

I started with ACCP in the Critical Care PRN and in parallel with the Society of Critical Care Medicine, Clinical Pharmacy section. I learned about the organization, worked on many projects with these groups, and honed my leadership skills. Younger members should not hesitate to ask PRN leaders how they got started in organizational volunteerism—you might find that it is easier than you think.

The title "PRN" (Practice and Research Network) indicates that there is something for everyone. Practitioners often connect through the e-mail list—seeking advice on difficult patient problems and procedures or identifying trends in practice or drug shortages. There are some very committed members who routinely answer these calls for assistance. Although you have probably not thought of it as a mentoring situation, these exchanges illustrate 2 of the 10 powerful principles for effective mentoring, as described by David Stoddard (The Heart of

Mentoring: Ten Proven Principles for Developing People to Their Fullest Potential. Colorado Springs: NavPress, 2009). He suggests that "effective mentors understand that living is about giving" and "effective mentors open their world to their mentoring partners." Although an e-mail list hardly gives the type of close professional and personal relationship that characterizes a true mentoring relationship, it clearly serves a developmental role for our members. I must admit that some e-mail list questions give me occasional pause regarding the level of expertise in some settings. But then I remember that there are new clinical pharmacists at the bedside every day, many without residency training or a strong local mentor. More experienced practitioners who respond help contribute to members' development when their responses prompt the questioner to do some additional research or reading and then suggest appropriate citations. Hopefully, some professional mentoring relationships have developed as a result of these exchanges.

Within the PRNs, there are many other mentoring relationships. Some of these are formal and arranged by the PRN, whereas others develop from the valuable networking that occurs when groups share a common interest. Projects, white papers, and other publications have arisen from PRN activities. These represent another opportunity to be involved in a portion of ACCP, network with others, and identify potential mentors. I would like to ask that PRNs start to define what makes their providers unique. How have you affected patient care, how have you implemented comprehensive medication management (CMM)—and importantly, how do you make it work on a daily basis? How and what do you document? What do you measure within your process of care or quantify the impact on patient outcomes? These important components of implementation are inadequately defined, and the PRN is an optimal clearinghouse for the refinement of this information. Share your success stories with each other, and perhaps it will open the door to a greater focus around the "R" component of PRN—that of research. ACCP is focused on the agenda of "practice

advancement” through the work of new staff member Daniel Aistrope, Pharm.D., BCACP, our director of clinical practice advancement. He has already provided new resources to PRN leaders and welcomes feedback from your groups.

In the next year, there will be an increasing focus on research within ACCP. Most of it will not be of the same magnitude as our large grant for research into the process and impact of CMM in primary care to be awarded this fall, but other opportunities exist for research funding within ACCP. We are awarding the 2015 Futures Grant to three junior investigators and two student investigators. All of these are mentored research activities that will contribute to members’ further skill development and interest in research. Forty applications were received, and we are excited by this level of interest. The PRNs could provide a home for further development of research proposals by providing a mentorship and proposal review service, if one does not already exist.

ACCP is also increasing resources within the Practice-Based Research Network (PBRN). PRN members are encouraged to define important research topics and practice-related questions and to discuss them with the interim director of the PBRN, Rachel Chennault, Ph.D., at the Global Conference or by phone or e-mail. For PRNs with a research committee, I would ask that you consider developing a project in conjunction with the PBRN. Many of our members desire the opportunity to be involved in a relevant project, and the PRNs could provide that structure.

Many of the PRNs have sponsored members to attend the Focused Investigator Training (FIT) program or the new Mentored Research Investigator Training (MeRIT) program. Consider giving these members a forum to discuss their experiences during your business meetings. These programs provide a high level of research mentoring, and it is important for the PRN to know whether their investment was fruitful. More information about the 2016 programs will be available at the Global Conference or at www.accpri.org/investigator. The research discussions at your PRN business meetings could also include participants in the ACCP Research and Scholarship Development Certificate Program. Practitioners who are not yet ready for a MeRIT experience can strengthen their research fundamentals through this program, and many of your colleagues have experience with our certificate training programs.

If there are other needs (educational, mentoring, research, etc.) that ACCP has not addressed in other forums, the PRNs may serve as a starting point. Members should engage with their PRN leaders, volunteer for committees, and participate throughout the year ahead. You will be helping yourself and other ACCP members.

2015 GLOBAL CONFERENCE TO FEATURE AN EXTENSIVE LINEUP OF EDUCATIONAL PROGRAMMING



Plan now to attend ACCP’s Global Conference on Clinical Pharmacy, October 17–21, 2015, in San Francisco, California. This year’s meeting will offer an extensive lineup of

educational programming on the most topical issues ranging from emerging therapies to national and international advancement and development of clinical pharmacy practice and education. Register now at www.accp.com/gc.

The meeting schedule of events will feature nine core educational sessions that provide a global perspective on the emerging issues and challenges facing practitioners:

- Advancing Clinical Pharmacy Practice: Innovative Models
- Best Practices/Dilemmas in Pharmacy Education
- Diabetes – A Global Pandemic
- Innovations in Pharmacy Education
- Innovations in Practice Technology
- Issues in U.S.-Based International Research
- Medication Safety: National and International Perspectives
- Optimal Management of Community- and Hospital-Acquired Methicillin-Resistant *Staphylococcus aureus* Infections
- Updates in the Management of Viral Infections

Global Conference programming will also include 23 highly specialized Practice and Research Network (PRN) focus sessions, the scientific paper and platform presentations, the international poster presentations, the Town Hall Meeting, the exciting live semifinal and final rounds of the ACCP Clinical Pharmacy Challenge, ACCP Academy core programming, the increasingly popular Residency and Fellowship Forum, and much more!

Visit the ACCP website at www.accp.com/gc to view the complete meeting schedule, register for the meeting, and begin planning your San Francisco itinerary.

PRN ELECTION RESULTS ANNOUNCED



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

2015–2016 PRN OFFICERS

Adult Medicine: Sarah Anderson, Chair; Kurt Wargo, Chair-Elect; Leigh Anne Gravatt, Secretary/Treasurer

Ambulatory Care: Daniel M. Riche, Chair; Emily McCoy Armstrong, Chair-Elect; Jennifer Clements, Treasurer; Gregory Castelli, Secretary

Cardiology: Toni L. Ripley, Chair; Rob DiDomenico, Chair-Elect; Craig J. Beavers, Secretary/Treasurer

Central Nervous System: Jeffrey Bishop, Chair; William Klugh Kennedy, Chair-Elect; Stephanie Nichols, Secretary/Treasurer

Clinical Administration: Angela Smith, Chair; Venita Papillion, Chair-Elect; Elizabeth Michalets, Secretary/Treasurer

Critical Care: Pamela Smithburger, Chair; Scott Bolesta, Chair-Elect; Drayton Hammond, Secretary/Treasurer

Drug Information: Dianne May, Chair; Andrew Abe, Chair-Elect; Janine Douglas, Secretary/Treasurer

Education and Training: Joshua Caballero, Chair; Andrew J. Smith, Chair-Elect; Laura Tsu, Secretary/Treasurer

Emergency Medicine: Asad (Sid) Patanwala, Chair; Megan Musselman, Chair-Elect; Molly Mason, Secretary/Treasurer

Endocrine and Metabolism: Amy Calabrese Donihi, Chair; Michelle Rager, Chair-Elect; Christie Schumacher, Secretary/Treasurer

Geriatrics: Amber N. McLendon, Chair; Scott Martin Vouri, Chair-Elect; Emily Peron, Secretary/Treasurer

GI/Liver/Nutrition: Michael Smith, Chair; Michelle T. Martin, Chair-Elect; Johnathan Voss, Secretary/Treasurer

Global Health: Renee Holder, Chair; Michelle Holm, Chair-Elect; Kristin Darin, Secretary/Treasurer

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

Hematology/Oncology: David DeRemer, Chair; Bojana Stevich-Heemer, Chair-Elect; Larry Buie, Secretary/Treasurer

HIV: Melissa Badowski, Chair; Kimberly Scarsi, Chair-Elect; Neha Sheth Pandit, Secretary/Treasurer

Immunology/Transplantation: Christopher Ensor, Chair; Barrett Crowther, Chair-Elect; Timothy A. Horwedel, Secretary/Treasurer

Infectious Diseases: Christopher Bland, Chair; Kayla R. Stover, Chair-Elect; Katie Lusardi, Secretary/Treasurer

Nephrology: Mary Vilay, Chair; Rebecca Maxson, Chair-Elect

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

Pediatrics: Christina Cox, Chair; Kalen B. Manasco, Chair-Elect; Jim Thigpen, Secretary/Treasurer

Perioperative Care: Stacey Bortlik (Moultrie), Chair; Kara Birrer, Chair-Elect; Richard H. Parrish II, Secretary; Herbert “Matt” Mathews, Treasurer

Pharmaceutical Industry: Dave Luke, Chair; Kay Uttech, Chair-Elect; Sandra Chase, Secretary/Treasurer

**Pharmacokinetics/Pharmacodynamics/
Pharmacogenomics:** Keith A. Moore, Chair; Gamal Hussein, Chair-Elect; Lauren Tesh, Secretary/Treasurer

Women’s Health: Brooke Griffin, Chair; Kathleen Vest, Chair-Elect; Rebecca Stone, Secretary/Treasurer; Jennifer Tussey, Public Policy Liaison

RECERTIFICATION PROGRAMS APPROVED

ACCP’s Recertification Programs to Offer More Formats, Greater Flexibility

ACCP will launch two new educational programs for specialty recertification in 2016 as well as enhancements to current programs that will provide more learning opportunities and a new mix of live and home study options. For added convenience, educational activities for recertification will be offered throughout the year. No more waiting for the next program to be presented—you will have a chance to earn recertification credits year-round.

The Board of Pharmacy Specialties (BPS) approved ACCP’s proposal for redesigned recertification programs in ambulatory care pharmacy, oncology, and pharmacotherapy, in addition to new programs in critical care pharmacy and pediatric pharmacy, for a 7-year period beginning in 2016. ACCP has partnered with the American Society of Health-System Pharmacists (with ASHP on the oncology recertification program and with the Society of Critical Care Medicine [SCCM] on the critical care pharmacy recertification program).

Choose from Self-Assessment Programs and New Resources

Many board-certified pharmacists use the Pharmacotherapy Self-Assessment Program (PSAP) and the Ambulatory Care Self-Assessment Program (ACSAP) for recertification credits. To these will be added the Critical Care Self-Assessment Program (CCSAP) and the Pediatric Self-Assessment Program (PedSAP). Each of the self-assessment programs will provide ample hours needed to recertify as well as the convenience of

having access to the eBooks and online formats all at one affordable price.

Want more? In addition to ACCP's highly regarded self-assessment programs for recertification, ACCP will offer a variety of other cutting-edge and high-quality educational programs for recertification. You will be able to choose from Updates in Therapeutics® Preparatory Review courses (full course or selected modules), Updates Plus Webinars, Clinical Reasoning Series (live and home study), and other live programs presented at our national meetings. ACCP's new recertification programs offer the convenience of live or home study learning, a choice among a range of quality educational experiences, and the flexibility to earn credits throughout the year.

To learn more about ACCP's new expanded professional development programs for recertification, visit the following links:

[Ambulatory Care Pharmacy](#)

[Critical Care Pharmacy](#) (in collaboration with the Society of Critical Care Medicine)

[Oncology Pharmacy](#) (in collaboration with the American Society of Health-System Pharmacists)

[Pediatric Pharmacy](#)

[Pharmacotherapy](#)

Additional information, including release dates, pricing, and specific number of credit hours, will be released at www.accp.com during the next few months.

ACCP Recertification Planning Tool

As a busy professional, keeping a record of your recertification credit status shouldn't be time-consuming. Simplify this task with the new [ACCP Recertification Dashboard](#), a convenient way to track all of your recertification needs. This unique tool allows you to enter previously earned recertification credits, track new ACCP credits as they are earned, and earmark future opportunities by selecting the ACCP program offerings aligned with your professional goals. Start using the ACCP Dashboard to get on the road to recertification today.

PRN FOCUS SESSIONS

PRNs to Present Educational Focus Sessions at the 2015 Global Conference on Clinical Pharmacy



ACCP PRNs consistently deliver high-quality educational activities at each Annual Meeting. That tradition of excellence will continue this month during the Global Conference

on Clinical Pharmacy in San Francisco, California. The schedule and topics for all PRN focus sessions follow.

Monday, October 19, 2015

1:30 p.m. to 3:00 p.m. (PDT)

- Clinical Administration PRN Focus Session—Patient Monitoring Prioritization and Productivity Measurement to Grow and Sustain Pharmacy Services
- Emergency Medicine PRN Focus Session—High-Risk, High-Reward Interventions in Emergency Medicine
- Infectious Diseases PRN Focus Session—Antimicrobial Stewardship in Unique Practice Settings
- Nephrology PRN Focus Session—Treatment and Complications of Chronic Kidney Disease in Special Populations
- Pharmaceutical Industry PRN and Global Health PRN Focus Session—Globalization of the Pharmaceutical Industry: Drug Development and Ethical Considerations
- Women's Health PRN Focus Session—Healthy Mom, Healthy Baby: Best Practices in Optimizing Preconception Health and Pregnancy Outcomes

3:15 p.m. to 4:45 p.m. (PDT)

- Cardiology PRN Focus Session—Making Bloody Sense of Antithrombotic Therapy During Percutaneous Coronary Intervention
- Endocrine and Metabolism PRN Focus Session—New Tools in the Diabetes Toolbox
- Hematology/Oncology PRN Focus Session—Confronting the Global Epidemic of Human Papillomavirus (HPV) and Associated Malignancies
- Immunology/Transplantation PRN Focus Session—Novel Approaches to Immunomodulation After Transplantation
- Pediatrics PRN Focus Session—A Global Approach to Pediatric Patient Care: Unifying Scope of Practice, Pharmacokinetic/Pharmacodynamics, and Medication Safety

Tuesday, October 20, 2015

10:15 a.m. to 11:45 a.m. (PDT)

- Drug Information PRN Focus Session—Drug Information for Busy Practitioners: Time-saving Tips for Finding and Evaluating Medical Literature

1:30 p.m. to 3:00 p.m. (PDT)

- Adult Medicine PRN and Ambulatory Care PRN Focus Session—Transitions of Care Management: Best Practices

- Critical Care PRN Focus Session—Drowsy, but Not Dead: Waking Up to New Research and Practice
- GI/Liver/Nutrition PRN Focus Session—Pharmacotherapy Advances and Nutrition in the Management of Patients with IBD and IBS
- Perioperative Care PRN Focus Session—Perioperative Care: Balancing the Scales Between Bleeding and Clotting
- Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN and Central Nervous System PRN Focus Session—An Update of Psychotropic Pharmacogenomics

3:15 p.m. to 4:45 p.m. (PDT)

- Ambulatory Care PRN Focus Session—Best Billing Practices in Ambulatory Care Pharmacy
- Education and Training PRN Focus Session—Maximizing Learner Assessment: Focus on Developing Metacognitive Skills
- Geriatrics PRN Focus Session—The Beers Criteria: A Focus on the 2015 Update
- Global Health PRN and Health Outcomes PRN Focus Session—Challenges of Global Health: Fostering Education and Innovative Research to Advance and Sustain Global Health Initiatives
- HIV PRN Focus Session—HIV Across the Ages
- Pain and Palliative Care PRN Focus Session—Best Practices in Prevention and Treatment of Opioid Overdose

PRN BUSINESS AND NETWORKING MEETINGS

PRNs to Host Business Meetings and Networking Forums at 2015 Global Conference on Clinical Pharmacy

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

Monday, October 19, 2015

6:00 p.m. to 9:00 p.m. (PDT)

Ambulatory Care PRN – Participants will join colleagues for an interactive, informative, yet fun-filled time, including

several activities designed to provide updates on the state of affairs of the PRN while you network and share with fellow PRN colleagues. Members will not want to miss this forum. Grab a friend and come on out to connect with the Ambulatory Care PRN!

Central Nervous System PRN – The CNS PRN will hold its annual business meeting and networking event, and a select therapeutic topic will be presented.

Clinical Administration PRN – The Clinical Administration PRN business meeting and networking forum is an opportunity for pharmacy clinical administrators and pharmacy informaticists to network with other professionals. Please join us for an interactive evening, full of options to become engaged in planning for next year's activities. Light appetizers and beverages will be provided.

Education and Training PRN – In addition to the business meeting, the main focus of the forum will be providing mock interviews to student and postgraduate trainee attendees. Light appetizers and beverages will be provided.

GI/Liver/Nutrition PRN – Current and prospective members are encouraged to attend. Appetizers and beverages will be provided. Please come prepared to share ideas for next year's annual meeting focus session topics. We hope to honor our travel awardees, and they will give a brief presentation of their project. New officers will be introduced, and we will hold an open forum for any other issues the membership would like to discuss.

Global Health PRN – Please join us for an evening of networking and planning during our second annual business meeting. We will welcome the first group of elected officers, review PRN and member accomplishments from the past year, prepare activities and committee assignments for 2016, and discuss ways to engage and educate our colleagues in matters of global health.

Health Outcomes PRN – This meeting will cover health outcomes issues as identified by participants. Membership survey results will be discussed, including how the PRN can support membership. Roles identified in the survey will be discussed and assigned as appropriate. A PRN member project will be presented to demonstrate the value of the PRN, and potential workshops and collaborations will be discussed.

Hematology/Oncology PRN – The business meeting will consist of discussions about committee accomplishments, PRN student/resident travel awards, PRN paper status, and additional general PRN business. The new officers will be introduced, and volunteers for committees will be solicited. In addition, the latter part of the meeting will be dedicated to networking opportunities between students, residents, fellows, and graduate students.

HIV PRN – Join the HIV PRN for its annual business meeting and networking forum. Current and prospective members will have an opportunity to meet, sign up for committees, and exchange ideas. In addition, we will discuss current and future PRN initiatives. Appetizers and beverages will be provided.

Immunology/Transplantation PRN – During this event, the PRN will review the business of the PRN from the 2014–2015 year and provide opportunities for those interested in immunology/transplantation to network.

Infectious Diseases PRN – Current and prospective members of the ID PRN are welcome and encouraged to attend the annual business meeting and networking forum. Appetizers and beverages will be provided.

Perioperative Care PRN – Please join us for our first-ever business meeting and networking forum. You will have the opportunity to meet both current and prospective members who share your practice focus and interest. During the meeting, you will learn more about the new PRN, upcoming activities, and ways to get involved.

Women's Health PRN – Please join us for our business meeting and networking forum.

Tuesday, October 20, 2015

6:00 p.m. to 9:00 p.m. (PDT)

Drug Information PRN – The business of the PRN will be addressed, and new officers will be installed. The recipient of the Resident Travel Award will deliver a presentation, and the recipient of the Distinguished Drug Information Practitioner Award will be announced.

Adult Medicine PRN – Please join the Adult Medicine PRN officers and current and prospective members during our business meeting and networking reception. During the meeting, you will have the opportunity to interact with meeting attendees, learn about the PRN, and sign up for committees. We look forward to meeting you!

Cardiology PRN – The Cardiology PRN annual business meeting serves as a networking opportunity for meeting attendees who share a practice focus or specific interest in cardiovascular pharmacotherapy practice and/or research. After a brief business meeting, an informal reception will follow to facilitate networking among new and seasoned members, collaboration on PRN-related projects, and poster presentations from select PRN members.

Critical Care PRN – Join us to interact with colleagues while you enjoy appetizers and beverages. Presentations will include a summary of PRN activities, reports from PRN officers, and the Resident/Fellow Research Travel Award.

Emergency Medicine PRN – Please join us for our annual business meeting and networking forum. All

members and interested meeting attendees are welcome. The meeting will include an update of PRN activities and initiatives, presentations by our Student and Resident Travel Award recipients, and presentations of ways to become involved in the PRN. This is a wonderful opportunity to meet others with shared interests and those who practice in the field of emergency medicine. Light appetizers and beverages will be provided.

Endocrine and Metabolism PRN – Interested and current members of the PRN are invited to attend our networking forum and annual business meeting. A planned networking event with appetizers and beverages will follow.

Geriatrics PRN – Please join us for our annual business meeting and informal reception of networking, planning, and socializing. All meeting attendees who are interested in the care of older adults are welcome to attend. Students and residents are encouraged to attend as well. Appetizers and beverages will be served.

Nephrology PRN – Meeting attendees interested in nephrology are invited to participate in this networking forum. A brief business report of current and future initiatives will be followed by research presentations from the Nephrology PRN Travel Award recipient. The meeting closes with an open forum and networking opportunities. Snacks and beverages will be provided.

Pain and Palliative Care PRN – This event will introduce the new officers, discuss the PRN's activities during the past year, and make plans for the upcoming year. Student and resident recipients of travel awards will each make a brief presentation, followed by round-table discussions and networking opportunities.

Pediatrics PRN – This is your opportunity to meet with other pediatric pharmacists! We will discuss the activities of the PRN during the past year as well as discuss what the future holds. The winners of the student and resident research scholarships will give brief presentations on their research. The best part of the meeting is kicking back and having some snacks and drinks with others in pediatrics. Students and residents interested in pediatrics are extremely welcome.

Pharmaceutical Industry PRN – Meeting attendees interested in the pharmaceutical industry, including students and residents who may be considering a career in the pharmaceutical industry, are invited to participate in this networking forum. We will present a brief business report of current and future initiatives within our PRN, including the vision for the 2015–2016 year, followed by a question-and-answer forum and networking opportunities. Appetizers and beverages will be provided to all attendees.

Pharmacokinetics/Pharmacodynamics/

Pharmacogenomics PRN – All current and prospective PK/PD/PG PRN members are welcome to attend. Appetizers and beverages will be provided.

PRN NEWS BRIEFS



Adult Medicine PRN

Introduction (recent activities, etc.)

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. AMED consists of practitioners, residents, and students who share interest in shaping the practice of adult medicine through research and practice.

At the 2015 ACCP Global Conference, be sure to attend the AMED and Ambulatory Care PRN combined focus session. This program is an application-based activity covering Transitions of Care Management: Best Practices. After attending this session, you will be able to better strategize transitions of care medication reconciliation and patient education into the workflow at your practice site.

The AMED committees have been busy all year: the Archives Committee has been revising online content to ensure that the content and format are best suited to our members. The Training and Travel and Nominations committees have been reviewing applications for student, resident, and practitioner awards to be given at the 2015 Global Conference. The PBRN Research Committee has developed a collaborative project being reviewed by the ACCP Research Institute – more details to be discussed at the 2015 Global Conference. Be sure to attend the AMED PRN business meeting and networking forum at the 2015 Global Conference—we want you to be involved, too!

Promotions

- Renee Koski: Merit Promotion, following her promotion to Professor
- Sharon See: Clinical Professor at St. John's University College of Pharmacy and Health Sciences
- Mate Soric: Associate Professor, Northeast Ohio Medical University College of Pharmacy
- Jon Wietholter: Associate Professor

Awards

- Rebeccah J. Collins: Received the VCU School of Pharmacy Preceptor of the Year Award
- Onor Ifeanyi: 2015 AACP Walmart Scholars Program Faculty Mentor
- Jacqueline L. Olin: 2015 Wingate University Graduate Faculty Member of the Year

- Mate Soric: P4 Preceptor of the Year, Northeast Ohio Medical University College of Pharmacy

Grants

- Jon Wietholter. Coinvestigator of a five-person team that was awarded a \$1.39 million grant for 3 years from HRSA for a project titled "Interprofessional Collaboration for Vulnerable Acute Care Patients: An Academic-Service Partnership"

Publications

- Toussaint-Miller K, **Andres J**. A special touch: treatment considerations for unique patient populations with HCV genotype 1 infection. *Ann Pharmacother*. Published online: 2 July 2015. Available at <http://aop.sagepub.com/content/early/2015/06/24/1060028015592015.full.pdf+html>.
- Okogbaa JI, **Onor IO**, Arije OA, Harris MB, Lillis RA. Phenytoin-induced purple glove syndrome: a case report and review of the literature. *Hosp Pharm* 2015;50:391-5.
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- **Treadway S**, Helmer RS, Farland MZ, Ray SM. A pilot study to assess patient adherence to new chronic medications following the use of a novel adherence tool and individualized counseling. J Pharm Technol April 30, 2015.
- **Wargo KA, McCreary EK**, Englism TM. Vancomycin combined with clindamycin for the treatment of acute bacterial skin and skin-structure infections. Clin Infect Dis. Published online: 16 June 2015.

New 2015 ACCP Fellows

- Eli N. Deal
- Dianne W. May

Other Notable Achievements

- Beth Resman-Targoff. Optimizing clinical outcomes in rheumatoid arthritis therapy. Invited talk at: American Pharmacists Association Annual Meeting and Exposition; March 30, 2015; San Diego, CA.
- Beth Resman-Targoff. Appointed to the American College of Rheumatology Quality of Care Committee as a representative of the Association of Rheumatology Health Professionals. The only pharmacist serving on that committee
- April Smith: Invited faculty/speaker at the American Society for Metabolic and Bariatric Surgery (ASMBS) Weekend Meeting; June 25–28, 2015; Las Vegas, NV. Presentations: (1) Pharmacological Treatment of Obesity; (2) Perioperative Pharmacology in the Bariatric Surgery Patient: Who, What, Where, Why All the Prep?

Ambulatory Care PRN

Introduction

This has been another busy year for the Ambulatory Care PRN. Each of the committees has been hard at work to fulfill the charges outlined for the 2014–2015 year. The Education Committee has been working to schedule programming for the 2015 Global Conference, and the Budget Committee has been working closely with each committee to allocate funds as necessary. The Communications Committee published a newsletter in the spring and will publish a fall newsletter before the Global Conference, and the members are currently updating the Resource Guide and preparing a poster for the Global Conference. The Communications and Resident committees have been working together to increase the PRN's activity on social media by posting weekly topics for discussion. The

Advocacy Committee has been working diligently to improve communication with the PRN to provide updates on ACCP's efforts at the federal level regarding provider status, and they sent a template to the PRN encouraging communication with the state legislators. The Membership Committee has been working to improve members' awareness of PRN benefits, as well as to fund members' ACCP Academy Certificate program registration and the Innovation Grant. The Nominations Committee worked to identify members for open officer positions for 2015–2016, while the Research and Scholarship Committee decided to fund two 50% scholarship for members to attend the MeRIT program. The Resident and Student committees are planning to help fund five travel awards to the Global Conference and are working to improve networking with students, residents, and fellows. Overall, the members of the PRN have been very active this year and have continued to improve the PRN as a whole.

Promotions

- Emily McCoy Armstrong: Associate Clinical Professor, Auburn University Harrison School of Pharmacy
- Ginelle Bryant: Associate Professor, Drake University College of Pharmacy and Health Sciences
- Kira Harris: Associate Professor, Wingate University
- Molly Graham Minze: Associate Professor, Texas Tech University Health Sciences Center School of Pharmacy
- Karen Gunning: Interim Department Chair of Pharmacotherapy, University of Utah College of Pharmacy
- Diana Isaacs: Clinical Associate Professor, Chicago State University College of Pharmacy
- Renee Koski: Merit Promotion
- Ann Philbrick: Associate Professor, University of Minnesota
- Matthew Pitlick: Associate Professor, St. Louis College of Pharmacy
- Krystal Riccio: Associate Professor of Pharmacy Practice, Roseman University of Health Sciences
- Mate Soric: Associate Professor, Pharmacy Practice Northeast Ohio Medical University College of Pharmacy
- Ashley Vincent: Clinical Associate Professor of Pharmacy Practice, Purdue University

Awards

- Debra Barnette: APhA Pinnacle award – 2015 Group Practice—Health System—Corporation Award; The

Ohio State University College of Pharmacy and Division of General Internal Medicine. (Stuart Beatty, Pharm.D., Kelli Barnes, Pharm.D., Laura Hall, Pharm.D., **Debra Barnette, Pharm.D.**)

- Catherine A. Bourg: Teacher of the Year 2015, University of Georgia College of Pharmacy
- Kajua B. Lor: Student National Pharmaceutical Association Advisor of the Year 2015
- Nicole Slater: Auburn University Harrison School of Pharmacy Hargreaves Award and Student Advocate Award

Grants

- Catherine A. Bourg: UGA College of Pharmacy FACT grant (internal, \$2000) for development and implementation of video enhanced case-based learning modules
- Tyler Harris Gums, Pharm.D.: ASHP New Investigator Grant
- Celia Lu: HRSA-15-054 Primary Care Training and Enhancement Program
- Cory Nelson and Kyle Turner: "Improving Transitions of Care Through Medication Management" grant from the Cardinal Health Foundation, \$45,000
- Sweta Patel: **Patel S**, Shogbon A, Klein C, Ryan G. "A Step-wise Approach to Developing Information Gathering Skills Necessary to Create Patient-Specific Care Plans – Focus on Third Professional Year." 2015 Mercer CATAL Grant, \$1340
- Evan Williams: NACDS Foundation Grant – \$20,000

Publications

- Brill SB, **Barnette D**. The use of pharmacogenomic testing in the management of adolescent depression. Accepted for publication by American Academy of Pediatrics (SOYP Newsletter).
- **Bourg CA**, May DB. Peptic ulcer disease. In: Chisholm-Burns MA, Schwinghammer TL, Wells BG, Malone PM, Kolesar JM, DiPiro JT, eds. Pharmacotherapy Principles & Practice, 4th ed. New York: McGraw-Hill, 2016. In press.
- **Broders J**. Diving for PURLS: increased risk for pyloric stenosis with macrolides in newborns and with peripartum use. Evid Based Pract 2015;18:4.
- **Broders Jarrett J**. Diving for PURLS: mindfulness to reduce depression. Evid Based Pract 2015;18:5.
- Corbo J, **Broders Jarrett J**. Diving for PURLS: not so sweet: honey for acute cough in children. Evid Based Pract 2015;18:4.

- Koenig M, **Broders Jarrett J**. Diving for PURLS: allopurinol: an old drug revitalized for CKD? *Evid Based Pract* 2015;18:5.
- **Essex MN**, O'Connell MA, Behar R, Bao W. Efficacy and safety of nonsteroidal anti-inflammatory drugs in Asian patients with knee osteoarthritis: summary of a randomized, placebo-controlled study. *Int J Rheum Dis* 2015 May 20. [Epub ahead of print]
- **George CM**, Brujin LL, **Will K**, **Howard-Thompson A**. Management of blood glucose with noninsulin therapies in type 2 diabetes. *Am Fam Physician* 2015;92:27-34.
- **Hartzler ML**, Ballentine J, Kauflin M. Results of a survey to assess residency preceptor development methods and precepting challenges. *AJHP* 2015;72:1305-14.
- **Hester EK**, Carroll DG, Kelley KW, Westrick SC. Implementation and evaluation of evidence-based patient care application during a primary care advanced practice experience. *Curr Pharm Teach Learn* 2015;7:324-31.
- Shah BM, Mezzio DJ, Ho J, **Ip EJ**. Association of ABC (HbA1c, blood pressure, LDL-cholesterol) goal attainment with depression and health-related quality of life among adults with type 2 diabetes. *J Diabetes Complications*. 2015 Apr 24. [Epub ahead of print]
- **Kugler AJ**, Fabbio KL, Pham DQ, Nadeau DA. Inhaled Technosphere insulin: a novel delivery system and formulation for the treatment of type 1 and type 2 diabetes mellitus. *Pharmacotherapy* 2015;35:298-314.
- **Lor KB**, Moua S, **Ip EJ**. Frequency and perceptions of herbal medicine use among Hmong Americans: a cross sectional survey. *J Immigr Minor Health*. 2015 Mar 18 [Epub ahead of print]
- **Lor KB**, Truong J, **Ip EJ**, Barnett MJ. A randomized prospective study on outcomes of an empathy intervention among second-year student pharmacists. *Am J Pharm Educ* 2015;79:18.
- Young C, **Lor KB**, McCarter G, Ignoffo R. Survey of California pharmacists' awareness of and readiness for the new authorities granted by SB493: a pilot study. *CPhA J*. In press.
- Kelley KW, Carroll DG, **Meyer A**. A review of current treatment strategies for gestational diabetes mellitus. *Drugs Context* 2015;4:212282.
- **Prasad-Reddy L**, **Isaacs D**. A clinical review of GLP-1 receptor agonists: efficacy and safety in diabetes and beyond. *Drugs Context* 2015;4:212283.
- **Schartel A**, Rochester C. Novel oral anticoagulants: strategies for optimizing patient outcomes. *Pharmacy Practice News* 2015;42:8-12.
- **Slater NA**, Rager ML, Havrda DE, Harralson AF. Genetic variation in CYP2R1 and GC genes associated with vitamin D deficiency status. *J Pharm Pract* June 2, 2015.
- Bright DR, Adams AJ, Ulbrich TR, **Soric MM**. Coaching for success: a residency search primer and update for preceptors and faculty. *Hosp Pharm* 2015;50:467-76.
- Bright DR, Adams AJ, Ulbrich TR, **Soric MM**. Mentoring residency candidates: avoiding misinformation and employing best practices. *Innov Pharm* 2015;6:1-5.
- **Thurston MM**, **Bourg CA**, Phillips BB, Huston SA. Impact of health literacy level on aspects of medication nonadherence reported by underserved patients with type 2 diabetes. *Diabetes Technol Ther* 2015;17(3).
- **Winder M**, Johnson J, Planas L, Crosby K, Gildon B, Oberst-Walsh L. Impact of pharmacist-led educational and error notification interventions on prescribing errors in a family medicine clinic. *J Am Pharm Assoc* 2015;55:238-45.
- **Yuet WC**, Khine H, Ahmad Z. Statin-associated adverse events. *Clin Med Insights Ther* 2015;7:17-24.

New ACCP Fellows

- Debra Barnette: The Ohio State University
- Daniel Riche: University of Mississippi

Other Notable Achievements

- Celia Lu: ACCP Mentored Research Investigator Training (MeRIT) Program Mentee
- Christie Schumacher: Board Certification in Ambulatory Care Pharmacy
- Erin L. Thompson, University of Findlay College of Pharmacy: Board Certification in Ambulatory Care Pharmacy
- Kim Thrasher: Panelist for Family Medicine for America's campaign, "Health Is Primary"
- Marquita Winder: Certified Diabetes Educator
- Deniz Yavas: Board Certification in Ambulatory Care Pharmacy

Presentations

- Kelly Hester: Ask the experts: practice issues related to the management of patients with HIV in the ambulatory care setting. American Society of Health-System Pharmacists. CE Webinar Presentation. March 5, 2015.

Poster Presentations

- Carroll DG, **Armstrong EM**, Gaillard, PR, **Bellone J**. Student comfort and perception of women's health topics using lecture and TBL delivery methods. Presented at: American Association of Colleges of Pharmacy Annual Meeting; July 11–15, 2015; National Harbor, MD.
- Parrish K, **Hester EK**. Evaluation of appropriate statin therapy in HIV-infected patients in Central Alabama. Presented at: Alabama Society of Health-System Pharmacists Annual Meeting; May 31 – June 2, 2015; Pensacola Beach, FL. Second-place poster presentation
- Shah DM, Mezzio D, Ho J, **Ip EJ**. Impact of depression on ABC goal attainment & health-related quality of life among adults with type 2 diabetes. Presented at: ISPOR 20th Annual International Meeting; May 2015; Philadelphia, PA. [Poster awarded Finalist]
- **Slater N**, Shelton P, Marsh W. Examining pharmacy students' critical thinking abilities in the context of their learning styles. Presented at: American Association of Colleges of Pharmacy Annual Meeting; July 11–15, 2015; National Harbor, MD.

Other

- Courtney E. Gamston: Graduated from residency at Auburn and started a faculty position at the Edward Via College of Osteopathic Medicine (VCOM Auburn) on July 1 as the Discipline Chair for Pharmacology
- Nicole Wegrzyn: Offered a position as PGY2 Nephrology Resident with Albany College of Pharmacy and Health Sciences after spending 2 years as an Assistant Professor at Pacific University Oregon School of Pharmacy. As Assistant Professor, received Runner-Up for Teacher of the Year for AY 2014–2015

Cardiology PRN

Promotions

- Lindsay Davis: Associate Professor at Northwestern University College of Pharmacy – Glendale
- Rob DiDomenico: Clinical Professor at University of Illinois, Chicago
- Paul Dobesh: Full Professor at the University of Nebraska
- James Hollands: Vice Chair, Department of Pharmacy Practice and Pharmacy Administration,

Philadelphia College of Pharmacy at University of the Sciences

- Antoine Jenkins: Clinical Associate Professor at the Chicago State University – College of Pharmacy

Awards

- Sally Arif: 2015 Teacher of the Year by the Northwestern University Chicago College of Pharmacy Class of 2017
- Lindsay Davis: Inaugural Outstanding Educator Award from Northwestern-Glendale's Class of 2015

Grants

- Sally Arif: "Cardiovascular and Diabetes Screening Program for the Middle-Eastern Community of Chicagoland." American Heart Association Community Innovation Program. July 1, 2014.
- James Tisdale: "Influence of Testosterone Administration on Drug-Induced QT Interval Prolongation and Torsades de Pointes." American Heart Association Midwest Affiliate. July 1, 2015 – June 30, 2017.

Publications

- DeJongh B, Birkeland K, **Brenner M**. Managing comorbidities in patients with chronic heart failure: first, do no harm. *Am J Cardiovasc Drugs* 2015 Apr 3.
- Hale G, **Brenner M**. Atomoxetine for orthostatic hypotension in an elderly patient over 10 weeks: a case report. *Pharmacotherapy*. Accepted for publication.
- Hale G, **Brenner M**. Risks and benefits of low molecular-weight heparin and target-specific oral anticoagulant use for thromboprophylaxis in medically ill patients. *Am J Cardiovasc Drugs* 2015 May 9.
- Poon JL, Brenner AC, **Brenner MJ**. Comparison of amiodarone compliance monitoring: usual care, electronic prescribing template and pharmacist-managed clinic. *J Pharm Pharmacol* 2014;2:621-6.
- Arterburn D, Johnson EJ, **Butler MG**, et al. Predicting 90-day mortality after bariatric surgery: an independent, external validation of a prognostic risk score. *SOARD* 2014;10:774-9.
- Arterburn D, Powers JD, Toh S, Polsky S, **Butler MG**, et al. Comparative effectiveness of laparoscopic adjustable gastric banding versus laparoscopic gastric bypass in 10 health systems. *JAMA Surg* 2014;149:1279-87.
- Benitez GV, Desai JR, Xu S, Goodrich GK, Schroeder EB, Nichols GA, Segal J, Kimes TM, **Butler MG**, et al. Preventable major cardiovascular

- events associated with uncontrolled glucose, blood pressure, lipids and active smoking in adults with diabetes with and without cardiovascular disease: a contemporary analysis. *Diabetes Care* 2015;38:905-12.
- Feigelson HS, Carroll NM, Weinmann S, Habel L, Haque R, **Butler MG**, et al. Treatment patterns for ductal carcinoma in-situ (DCIS) from 2000-2010 across six integrated health plans. *Springer Plus*. 2015;4:24. eCollection 2015.
 - Lu CY, Zhang F, Lakoma MD, **Butler MG**, et al. Asthma treatments and mental health visits after a Food and Drug Administration label change for leukotriene inhibitors. *Clin Ther* 2015 Apr 25. [Epub ahead of print]
 - Nichols GA, Schroeder EB, Karter AJ, Gregg EW, Desai J, Lawrence JM, O'Connor PJ, Xu S, Newton KM, Raebel MA, Pathak RD, Waitzfelder B, Segal J, Elston-Lafata J, **Butler MG**, et al. Trends in diabetes incidence, 2006-2011, in seven million insured adults: the SUPREME-DM project. *Am J Epidemiol* 2015;181:32-9.
 - Reynolds K, **Butler MG**, et al. Relation of acute heart failure hospital length of stay to subsequent readmission and all-cause mortality. *Am J Cardiol* 2015 May 9.
 - Schmittiel JA, Adams AS, Dyer W, Beals J, Henderson W, Desai J, Morales LS, Nichols GA, Lawrence JM, Waitzfelder B, **Butler MG**, et al. Diabetes care and outcomes for American Indians and Alaska Natives in commercial integrated delivery systems: a SURveillance, PREvention, and ManagEment of Diabetes Mellitus (SUPREME-DM) Study. *BMJ Open Diabetes Res Care* 2014;2:e000043.
 - Schroeder EB, Powers JD, O'Connor PJ, Nichols GA, Xu S, Desai JR, Karter AJ, Morales LS, Newton KM, Pathak RD, Vazquez-Benitez G, Raebel MA, **Butler MG**, et al.; SUPREME-DM Study Group. Prevalence of chronic kidney disease among individuals with diabetes in the SUPREME-DM Project, 2005-2011. *J Diabetes Complications*. 2015 Apr 16. [Epub ahead of print]
 - Wu AC, **Butler MG**, et al. Primary adherence to controller medications for asthma is poor. *Ann Am Thorac Soc* 2015;2:161-6.
 - Wu AC, Li L, Fung F, Kharbanda EO, Larkin EK, Vollmer WM, **Butler MG**, et al. Leukotriene inhibitors may be more effective than inhaled corticosteroids in preventing asthma-related exacerbations. *J Allergy Clin Immunol* 2014;2:607-13.
 - Adams SM, Anderson K, **Coons JC**, et al. PGx Test2Learn™: advancing pharmacogenomics education in the core Pharm.D. curriculum through student personal genomic testing. *Am J Pharm Educ* 2015. In press.
 - Verlinden NV, **Coons JC**. Disopyramide for hypertrophic cardiomyopathy: a pragmatic reappraisal of an old drug. *Pharmacotherapy* 2015. In press.
 - **DiDomenico RJ**, Cavallari LH. Chapter 7: ischemic heart disease. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, Malone PM, Kolesar JM, Rotschafer JC, Dipiro JT, eds. *Pharmacotherapy Principles & Practice*, 4th ed. In press.
 - 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.
 - **Jackevicius C**, Rose A, Turakhia MP. Site-level variation in and practices associated with dabigatran adherence. *JAMA* 2015;313:1443-50.
 - Lee JA, **Lee CR**, Reed BN, Plitt DC, Polasek MJ, Howell LA, Cicci JD, Tasca KE, Weck KE, Rossi JS, Stouffer GA. Implementation and evaluation of a CYP2C19 genotype-guided antiplatelet therapy algorithm in high-risk coronary artery disease patients. *Pharmacogenomics* 2015;16:303-13.
 - **Lillyblad MP**. Dual angiotensin receptor and neprilysin inhibition in chronic systolic heart failure: understanding the new PARADIGM. *Ann Pharmacother* 2015 Jul 14. [Epub ahead of print]
 - Shore S, Ho PM, Lambert-Kerzner A, Glorioso TJ, Carey EP, Cunningham F, **Longo L**, **Morrill AM**, Ge D, Willett KC. Dosing of target-specific oral anticoagulants in special populations. *Ann Pharmacother* 2015 June 23 [Epub ahead of print]
 - Bomb R, **Oliphant CS**, Khouzam RN. Dual antiplatelet therapy after coronary artery bypass grafting in the setting of acute coronary syndrome. *Am J Cardiol* 2015;116:148-54.
 - **Rogers KC**, **Oliphant CS**, **Finks SW**. Clinical efficacy and safety of cilostazol: a critical review of the literature. *Drugs* 2015;75:377-95.
 - **Rogers KC**, **Oliphant CS**, **Finks SW**. Ischemic heart disease and acute coronary syndrome. In: Chyka PA, Boucher BA, Franks AS, Waddell JA, eds. *The APhA Complete Review for Pharmacy*, 11th ed. Washington, DC: American Pharmacists Association, 2015:267-97.
 - **Tisdale JE**, Allen MR, Overholser BR, Jaynes HA, Kovacs RJ. Influence of zoledronic acid on atrial electrophysiological parameters and electrocardiographic measurements. *J Cardiovasc Electrophysiol* 2015;26:671-7.

- Mo Y, **Yam FK**. Recent advances in the development of antidotes for target specific oral anticoagulants. *Pharmacotherapy* 2015;35:198-207.

Posters/Abstracts Presented

- **Baker WL**, Coleman CI. Impact of ascorbic acid on post-cardiothoracic surgery atrial fibrillation and length of stay: a meta-analysis of randomized controlled trials. Presented at: European Society of Cardiology Congress 2015; August 30, 2015; London, UK.
- **Baker WL**, Gale AM, Gluck JA, Radojevic JA, O'Bara LF, Murphy AD, Dougherty J, Martin ST. Evaluation of a sirolimus/tacrolimus-minimization strategy in heart transplant recipients: can we avoid further nephrotoxicity? Presented at: Heart Failure Society of America 19th Annual Scientific Session 2015; September 26, 2015; Washington, DC.
- Reale MC, Witt BA, Riche DM, **Baker WL**, Peeters MJ. Development of critical thinking among health professions students: a meta-analysis of longitudinal studies. Presented at: American Association of Colleges of Pharmacy 2015 Annual Meeting; July 12, 2015; Washington, DC.
- Harrington R, Kumar VM, Zueger PM, Rigoni G, Atwood AM, Ochieng W, **DiDomenico RJ**, Touchette DR. Cost-utility analysis of angiotensin receptor-neprilysin inhibitor LCZ696 to ACE inhibitors for the treatment of chronic heart failure in the United States. Presented at: Association of Managed Care Pharmacy (AMCP) Nexus 2015; October 2015; Orlando, FL.
- Kim K, Lee TA, Ardati AK, Touchette DR, **DiDomenico RJ**, Walton SM. Comparative effectiveness of ticagrelor vs. prasugrel in patients with acute coronary syndrome. Presented at: 18th Annual International Society of Pharmacoeconomic and Outcomes Research (ISPOR) European Congress; November 2015; Milan, Italy.

Other Notable Achievements

- Brittany Florczykowski: Additional Qualifications in Cardiology
- Craig Lee: Fellow of the American Heart Association (FAHA)
- Mary Parker: Fellow of ASHP (FASHP)
- Christie Schumacher: Board Certified Ambulatory Care Pharmacist (BCACP)
- Azita Talasaz: Additional Qualifications

Central Nervous System (CNS) PRN

Introduction

The CNS PRN members have been very active during the past 6 months, receiving promotions, publishing scholarly work, receiving local and national awards, and completing advanced research education! Of note, we have one CNS PRN member, Dr. Cherry Jackson, who will be named an ACCP Fellow at the upcoming meeting! Way to go!

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

Promotions

- Klugh Kennedy: From Associate to Full Professor of Pharmacy Practice and Psychiatry

Publications

- **Bishop JR**, Reilly JL, Harris MS, Patel SR, Kittles R, Badner JA, Prasad KM, Nimgaonkar VL, Keshavan MS, Sweeney JA. Pharmacogenetic associations of the type-3 metabotropic glutamate receptor (GRM3) gene with working memory and clinical symptom response to antipsychotics in first-episode schizophrenia. *Psychopharmacology (Berl)* 2015;232:145-54.
- Hicks JK, **Bishop JR**, Sangkuhl K, Müller DJ, Ji Y, Leckband SG, Leeder JS, Graham RL, Chiulli DL, Llerena A, Skaar TC, Scott SA, Stingl JC, Klein TE, Caudle KE, Gaedigk A. Clinical Pharmacogenetics Implementation Consortium (CPIC) guideline for CYP2D6 and CYP2C19 genotypes and dosing of selective serotonin reuptake inhibitors. *Clin Pharmacol Ther* 2015;98:127-34.
- Najjar F, Owley T, Mosconi MW, Jacob S, Hur K, Guter SJ, Sweeney JA, Gibbons RD, Cook EH, **Bishop JR**. Pharmacogenetic study of serotonin transporter and 5HT2A genotypes in autism. *J Child Adolesc Psychopharmacol* 2015;25:467-74.
- **Cates ME**, Clark A, Woolley TW, Saunders A. Sleep quality among pharmacy students. *Am J Pharm Educ* 2015;79:9.
- **Cates ME**, Hogue MD, Woolley TW. Effects of actual participation in drug testing on the attitudes of first-year pharmacy students toward a mandatory drug testing program. *Curr Pharm Teach Learn* 2015;7:224-30.
- **Cates ME**, Jackson CW. Posttraumatic stress disorder. In: Dong BJ, Elliott DP, eds. *Ambulatory Care*

Self-Assessment Program, 2015 Book 1. Neurologic and Psychiatric Care. Lenexa, KS: American College of Clinical Pharmacy, 2015:93-115.

- **Chen JJ**, Horne KE, Dutta AP. Faith-based colleges and schools of pharmacy in the United States: a taxonomic survey and results. *Pharm Pharmacol Int J* 2(2):00019.
- Dashtipour K, **Chen JJ**, Kani C, Bahjri K, Ghamsary M. Clinical outcomes in patients with Parkinson's disease treated with a monoamine oxidase type-B inhibitor: a cross-sectional, cohort study. *Pharmacotherapy* 2015;35:681-6.
- Dashtipour K, **Chen JJ**, Walker HW, Lee MY. Systematic literature review of abobotulinumtoxinA in clinical trials for adult upper limb spasticity. *Am J Phys Med Rehabil* 2015;94:229-38.
- Dashtipour K, Johnson EG, Kani, C, Kani K, Hadi E, Ghamsary M, Pezeshkian S, **Chen JJ**. Impact of exercise on motor and non-motor symptoms of Parkinson's disease: a pilot study. *Parkinson's Disease Vol 2015*, Article ID 586378. <http://dx.doi.org/10.1155/2015/586378>.

Other Notable Achievements

- Todd Brackins: Will graduate from ACCP's Research and Scholarship Academy
- Marshall E. Cates: Pharmacy Practice Faculty Member of the Year Award from McWhorter School of Pharmacy and the AACP Innovations in Teaching Award
- Jack J. Chen: Appointed as the American Academy of Neurology delegate to the 2015–2020 United States Pharmacopeial Convention
- Cherry W. Jackson: Newly designated ACCP Fellow
- Stephanie Nichols: Faculty Experiential Educator of the Year Award from Husson University School of Pharmacy.

Clinical Administration PRN

The CADM PRN will host a focus session at the 2015 ACCP Global Conference on Monday, October 19, from 1:30 to 3:00 p.m. The session will address patient monitoring prioritization and productivity measurement necessary to grow and sustain pharmacy services. Learners will come away with practical tools that can be carried back and used to demonstrate the valuable work of pharmacy departments and their impact on patient care in the world of electronic health records. We look forward to seeing you there!

The Education Committee of the CADM PRN has produced a module for education representing an

important topic for clinical administration members. Nitish Bangalore, clinical manager of St. Joseph's Hospital, Froedtert & The Medical College of Wisconsin, created a module titled "Effective Professional Conversations." This module will be available on ACCP's ClinPharmEd.com later this year with the assistance of Renato Cataldo, founder and CEO of Crazy for Education.

The CADM PRN Students and Residents Committee has held several meetings this year discussing topics of interest. In June, Curt Haas, director of pharmacy, University of Rochester Medical Center, gave a presentation on board certification. The committee is co-led by Tamara Malm, former PGY2 admin resident at Yale-New Haven Hospital, and Cindy Brasher, PGY2 admin resident at Mission Hospital in North Carolina. The group will host a meeting in September to discuss PGY1 and PGY2 admin and informatics residencies and announce the winner(s) of the student and resident travel stipends for the Global Conference in October. More details will be provided.

Dr. Tamara Malm will represent the CADM PRN as a facilitator during the Clinical Pharmacy Career Path Roundtable session at the upcoming Global Conference in San Francisco. This session will expose students, residents, and fellows to a variety of specialty career paths within clinical pharmacy.

The CADM PRN would like to congratulate the following newly elected officers:

Chair-Elect: Venita Papillion, Director, Catholic Health Initiatives, Denver, CO

Secretary/Treasurer: Elizabeth Michalets, Regional Asst. Dean of Clinical Affairs and Associate Professor, Mission Health System and UNC Eshelman School of Pharmacy

Our former chair-elect and new chair is Angela Black Smith, director of pharmacy, N.C. Department of Health and Human Services.

The roundtable session will be held on Sunday, October 18, from 2:15 p.m. to 4:00 p.m. The CADM PRN will hold its business meeting and networking forum on Monday, October 19, from 6:00 p.m. to 9:00 pm. PRN members and anyone interested in joining the CADM PRN are welcome to attend. There will be light refreshments followed by networking and planning for the new year.

Critical Care PRN

The Critical Care PRN continues to be one of the largest PRNs within ACCP. During the past few months, the PRN has been working with the Society of Critical Care Medicine and the American Society of Health-System Pharmacists on updating the Position Paper on Clinical Pharmacy Services published in 2000. This group plans to have its updated Position Paper ready for review sometime in 2016. The PRN also approved funding for two of its members to attend the

first-ever MeRIT program this year. The CC PRN will also conduct its second Professor Walk-Rounds for abstracts accepted to the ACCP Global Conference, and accepted member submissions may be selected for presentation of research during this venue. In addition, we would like to recognize the following individuals:

Promotions

- Kevin Anger: Manager, Investigation Drug Services at Brigham and Women's Hospital, and Associate Professor at the MGH Institute of Health Professions
- Bryan Bishop: Assistant Professor at the University of Toledo College of Pharmacy
- Pamela Smithburger: Associate Professor of Pharmacy and Therapeutics at the University of Pittsburgh
- Jodi Taylor: Chair, Department of Pharmacy Practice at Union University School of Pharmacy

Awards

- Pamela Smithburger: 2015 University of Pittsburgh Institute for Clinical Research Education Award for Outstanding Thesis in Clinical Research
- Pamela Smithburger: 2015 Society of Critical Care Medicine, Clinical Pharmacy and Pharmacology Section Medication Safety Award, "A Multicenter Evaluation of Off-Label Medication Use and Associated Adverse Drug Reactions in Adult Medical Intensive Care Units"
- Pamela Smithburger: 2015 Society of Critical Care Medicine 2015 Patient and Family Support Specialty Award for highest-scored abstract: Senior Author and Mentor
- Jodi Taylor: Faculty Preceptor of the Year (Local, Union University School of Pharmacy Class of 2015)

Grants

- Drayton Hammond: American Foundation for Pharmaceutical Education Research Scholarship

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.
- Forni AA, Chesnick M, Szumita PM, **Anger KE**, Aveyrey KR, Scirica B. Evaluation of glucose management during therapeutic hypothermia at a tertiary academic medical center. *Resuscitation* 2015;89C:64-9.

- Gillis CM, **Anger KE**, Cotugno M. Enhanced responsibilities for pharmacy interns at a teaching hospital. *J Am Pharm Assoc* 2015;55:14-8.
- 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.
- **Bishop BM**. Antimicrobial stewardship in the emergency department: challenges, opportunities, and a call to action for pharmacists. *J Pharm Pract* 2015 Jun 1. [Epub ahead of print]
- **Bishop BM**. Involving pharmacy technicians and students in the emergency department to expand care provided by clinical pharmacists. *Am J Health Syst Pharm* 2015;72:993-4.
- **Bishop BM**. Potential and emerging treatment options for Ebola virus disease. *Ann Pharmacother* 2015;49:196-206.
- **Bishop BM**. Riociguat for pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. *Am J Health Syst Pharm* 2014;71:1839-44.
- **Bishop BM**, Shumate L. Coping with death in the patient care setting. *Am J Health Syst Pharm* 2015;72:918-20.
- **Brandt K**, McGinn K, Quedado J. Low-dose systemic alteplase (tPA) for the treatment of pulmonary embolism. *Ann Pharmacother* 2015 Apr 9. [Epub ahead of print]
- **Flannery AH**, Bachmeier H. Vancomycin-associated nephrotoxicity: unintentional consequences of a loading dose? [letter]. *Crit Care Med* 2015;43:e154.
- **Flannery AH**, Kruger PS. Point: should patients receiving statins prior to ICU admission be continued on statin therapy? *Chest* 2014;146:1431-3.
- **Flannery AH**, Winstead PS, Smith KM. Transforming the curriculum vitae as a new practitioner. *Am J Health Syst Pharm* 2014;71:2115-7.
- Kido K, Adams VR, Morehead RS, **Flannery AH**. Capecitabine-induced ventricular fibrillation arrest: possible Kounis syndrome. *J Oncol Pharm Pract* 2015 Apr 13. [Epub ahead of print]
- **Hamilton LA**, Lockhart NR, Crain MR. *Candida glabrata* and *Candida tropicalis* in an immunocompetent patient: a case report. *J Pharm Pract* 2015;28:284-7.

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- Rinehart DR, Lockhart NR, **Hamilton LA**, et al. Management of apixaban-associated subdural hematoma: a case report on the use of factor eight inhibitor bypassing activity (FEIBA). *Crit Care Med* 2015;43:e203-7.
- **Kalabalik J**, Rattinger G, Sullivan J et al. Use of non-vitamin K antagonist oral anticoagulants in special patient populations with nonvalvular atrial fibrillation: a review of the literature and application to clinical practice. *Drugs* 2015.
- **Quidley AM**. Collateral damage: balancing the risks and benefits of antimicrobial prophylaxis. *Orthopedics* 2015;38:281-2.
- **Quidley AM**, Kaplow R. Pharmacologic support following cardiac surgery. In: Hardin SR, Kaplow R, eds. *Essentials in Cardiovascular Surgery*, 2nd ed. Burlington, MA: Jones & Bartlett.
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- **Smithburger PL**, Buckley MS, Sokol S, Culver MA, Lat I, Handler SM, Kirisci L, Kane-Gill SL. A multi-center evaluation of off label medication use and adverse drug reactions in adult medical intensive care units. *Crit Care Med* 2015. Accepted for publication.
- Hale GM, Kane-Gill SL, Groetzinger L, **Smithburger PL**. An evaluation of adverse drug reactions associated with antipsychotic treatment for delirium in the intensive care unit. *Pharm Pract* 2015.
- Kane-Gill SL, Rubin EC, **Smithburger PL**, Buckley MS, Dasta JF. The cost of opioid induced adverse drug events. *J Pain Palliat Care Pharmacother* 2014;28:282-93.
- Kane-Gil SL, **Smithburger PL**, Williams EA, Felton MA, Wang N, Seybert AL. Published

cases of adverse drug reactions: has the quality of reporting improved over time? *Ther Adv Drug Saf* 2015;6:38-44.

- Lyons P, Nery J, Rivosecchi R, **Smithburger PL**, Kane-Gill SL. Fentanyl induced hyperalgesia in acute pain management. *J Pain Palliat Care Pharmacother* 2015. In press.
- Rivosecchi R, Kane-Gill SL, Svec S, Campbell S, **Smithburger PL**. Giving your patients M.O.R.E: the implementation of a non-pharmacologic protocol to prevent intensive care delirium. *Intensive Care Medicine* 2015. Submitted.
- Rivosecchi R, **Smithburger PL**, Svec S, Campbell S, Kane-Gill SL. Nonpharmacological interventions to prevent delirium: an evidence-based review. *Crit Care Nurse* 2015;35:39-49.

Other Notable Achievements

- Kevin Anger: MSHP Board of Directors ASHP Section of Clinical Scientists and Specialists Educational Steering Committee
- Kevin Anger: Board Certified Pharmacotherapy Specialist
- Mason Bucklin: Board Certified Pharmacotherapy Specialist
- Mason Bucklin: Secretary/Treasurer of ACCP EMED PRN
- Michaelia Cucci: Institutional (Cleveland Clinic) Tier 4 Caregiver Celebration
- Michaelia Cucci: ACCP Critical Care PRN – Chair of Research Committee and SCCM CCP – Co-chair of Programming Committee
- Alexander Flannery: Chair, Professional Practice Advisory Group (ASHP New Practitioners Forum)
- Leslie Hamilton: University of Tennessee Health Science Center SGAEC Excellence in Teaching Award
- Leslie Hamilton: AACP: Pharmacy Practice Section Award Committee Chair
- Drayton Hammond: President-Elect of the Arkansas Colleges of Clinical Pharmacy
- Sarah Maryon Hayes: “Best Pharm.D. Seminar Presentation.” University of Minnesota, Class of 2015 – Hayes SM. “Sedative Exposure Reduction via Patient-Controlled Sedation (PCS) in Critically Ill Ventilated Patients”
- Judith Jacobi: Master of Critical Care Medicine
- Judith Jacobi: President, American College of Clinical Pharmacy

- Julie Kalabalik: President of the Central Chapter of the New Jersey Society of Health System Pharmacists
- April Miller Quidley: Society of Critical Care Medicine Presidential Citation
- April Miller Quidley: North Carolina Association of Pharmacists – Health-System Pharmacy Practice Forum Liaison
- Samantha Say: Graduated from MSHA program
- Pamela Smithburger: Residency Program Director for PGY2 Critical Care Residency at the University of Pittsburgh
- Jodi Taylor: Appointed to ASHP Council on Therapeutics (2015–2016); currently serves as Chair of the Educational Programming Committee (Tennessee Society of Health-System Pharmacists)
- Jodi Taylor: Selected to serve as faculty adviser for the AACP Walmart Scholar Program

Drug Information PRN

Introduction

The Drug Information PRN is looking forward to the ACCP Global Conference on Clinical Pharmacy in San Francisco. Our focus session this year, “Drug Information for the Busy Practitioners: Time-saving Tips for Finding and Evaluating Medical Literature,” is a presentation not to be missed. Two topics that will be covered are “Looking Beyond PubMed: Making the Most of Google Power Searching and Use of Grey Literature in Pharmacy Practice,” presented by Philip Gregory, Pharm.D., M.S., and “When Time Matters: Innovative Tools and Techniques to Evaluate the Quality of a Clinical Trial Quickly and Efficiently,” presented by Melissa Blair, Pharm.D., FCCP, BCPS.

In addition, please join us at our Drug Information PRN business meeting, where we will welcome in our new officers for 2015–2016: Dianne May, Pharm.D., BCPS (Chair), Andrew Abe, Pharm.D. (Chair-Elect), Janine Douglas, Pharm.D., BCPS (Secretary/Treasurer), and Cathy Ficzer, Pharm.D., BCPS (Immediate Past Chair).

Promotions

- Dianne May: Clinical Professor
- Jen Phillips: Associate Professor and Tenure
- Chris Wisniewski: Associate Professor

Awards

- Sherrill Brown: Kappa Epsilon National Fraternity Career Achievement Award

- Chris Wisniewski: SCCP Clinical Pharmacy and Outcome Sciences Excellence in Teaching Award

Publications

- **Abe A, Hein D, Gregory P.** Regulatory alerts for dietary supplements in Canada and the United States, 2005–13. *Am J Health Syst Pharm* 2015;72:966-71.
- American College of Clinical Pharmacy; McBane SE, Dopp AL, **Abe A**, et al. Collaborative drug therapy management and comprehensive medication management-2015. *Pharmacotherapy* 2015;35:e39-50.
- **Cruz JL, Brown JN.** Safety risks with investigational drugs: pharmacy practices and perceptions in the veterans affairs health system. *Ther Adv Drug Saf* 2015;6:103-9.
- **Cruz JL**, Wolff ML, Vanderman AJ, **Brown JN.** The emerging role of tacrolimus in myasthenia gravis. *Ther Adv Neurol Disord* 2015;8:92-103.
- Wolff M, **Cruz JL**, Vanderman AJ, **Brown JN.** The effect of angiotensin II receptor blockers on hyperuricemia. *Ther Adv Chronic Dis* 2015.
- **Gregory P, Jalloh M, Abe A**, Hu James, **Hein D.** Characterization of complementary and alternative medicine-related consultations in an academic drug information service. *J Pharm Pract* 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.
- Liu MT, Maroney ME, **Hermes-DeSantis ER.** Levomilnacipran and vortioxetine: review of new pharmacotherapies for major depressive disorder. *World J Pharmacol* 2015;4:17-30.
- Muglia C, Kar I, Gong M, **Hermes-DeSantis ER**, Montelone C. Anaphylaxis to medications containing meat by-products in an alpha-gal sensitized individual. *J Allergy Clin Immunol Pract* 2015.
- **Phillips J**, Bachenheimer B. The medication safety officer’s handbook (book review). *Curr Pharm Teach Learn* 2015;7:560-61.
- Koppen L, **Phillips J**, Papageorgiou R. Analysis of reference sources used in drug-related Wikipedia articles. *J Med Libr Assoc* 2015;103:140-4.
- Edwards KL, Salvo MC, **Ward KE**, et al. Assessment and revision of clinical pharmacy practice Internet websites. *Ann Pharmacother* 2014;48:258-67.
- Gomes DM, **Ward KE**, LaPlante KL. Clinical implications of vancomycin heteroresistant and

intermediately susceptible *Staphylococcus aureus*. *Pharmacotherapy* 2015;35:424-32.

- Landi M, Springer S, Estus E, **Ward K**. The impact of a student-run journal club on pharmacy students' self-assessment of critical appraisal skills. *Consult Pharm* 2015;30:356-60.

Poster Presentations

- Mantovani EH, Naples JG, Rothrock-Christian T, **Brown JN**. Assessment of postgraduate year two pharmacy residency programs within the Veterans Affairs health care system. ASHP National Residency Preceptors Conference; Washington, DC.
- Conner B, Wood H, **Brown S**. Shadow a pharmacy student program at the University of Montana. Presented at: Northwest Pharmacy Convention; May 28–31, 2015; Coeur d'Alene, ID.
- Buchman CR, **Brown SJ**, Carter JT, Allington DR. Impact of a faculty led mock interview and residency preparation course on ASHP Match results. Presented at: Northwest Pharmacy Convention; May 28–31, 2015; Coeur d'Alene, ID.
- **Wisniewski CS**. Impact of a minimalistic approach to didactic PowerPoint presentations performed in a drug information course. Presented at: American Association of Colleges of Pharmacy 2015 Annual Meeting; July 11, 2015; Washington, DC.
- Tong MC, **Wisniewski CS**, Bosso JA. Comparison of outcomes with linezolid- and vancomycin-treated MRSA pneumonia. To be presented at: IDWeek 2015; October 10, 2015; San Diego, CA.

Other Publications

- **Conrad JL**. Errors related to clinical research. In: Gabay M, ed. *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Bartlett, 2016.
- **Conrad JL**. Primary sources of information. In: Gabay M, ed. *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Bartlett, 2016.
- **Conrad JL**, Pace HA. Introduction to clinical study design. In: Gabay M, ed. *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Bartlett, 2016.
- Brunetti L, **Hermes-DeSantis ER**. Secondary resources. In: Gabay M. *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Bartlett, 2015.
- Kar I, Gong M, Muglia C, Montelone CA, **Hermes-DeSantis ER**. Alpha-Gal (Mammalian meat) allergy: implications for pharmacists. *Pharmacy Times*. 2015 May.

- **May DW**, Jacquelyn Bryant. How to prepare an effective journal club. In: Gabay M. *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Bartlett, 2015.
- **Phillips J**, Ward KE. Descriptive statistics. In: Gabay MP, ed. *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Bartlett, 2015:141-52.
- Anderson G, **Phillips J**. Use of a technician double check system to help reduce IV compounding errors. *KeePosted*. 2015; March/April (online only).
- **Wisiewski CS**. Adverse drug reactions: detection, reporting, and prevention webinar. Presented via Internet for United Health Consortium. August 11, 2015.

New ACCP Fellows as of October 2015

- Dianne May: Augusta, GA

Other Notable Achievements

- Sherrill Brown: Chair of Library and Information Science Section of AACP

Education and Training PRN

The Education and Training PRN has grown to more than 600 members who continue to advance the PRN's mission of promoting dialogue and interaction to develop programs that enhance knowledge and skills needed to provide education and training within clinical pharmacy. The PRN is happy to share the many accomplishments of its members and looks forward to another busy year.

First, we would like to welcome Andrew Smith, Pharm.D., BCPS-AQ Cardiology, as our incoming chair-elect. Andrew is an associate clinical professor at the University of Missouri-Kansas City School of Pharmacy. We look forward to working with Andrew! Josh Caballero, Pharm.D., BCPP, will move from chair-elect to serve as chair of the PRN, and Sarah Nisly, Pharm.D., BCPS, will serve an additional year as past-chair. Laura Tsu, Pharm.D., BCPS, CGP, will continue her 2-year term as secretary/treasurer for the 2015–2016 year. We want to thank Kristi Kelley, Pharm.D., FCCP, BCPS, CDE, BC-ADM, for her leadership and commitment to the PRN as she completes her service as past-chair. Thank you, Kristi, for all of your hard work!

The EDTR PRN will once again host the mock interviews for students and residents during the 2015 Global Conference on Clinical Pharmacy immediately after the business meeting and networking forum on Monday, October 19, at 6 p.m. During the 2014 Annual Meeting, 73 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 interviewers 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 multiple interviewers. We look forward to offering this activity at the upcoming meeting and ask that you encourage students and residents attending the meeting to take advantage of this opportunity.

The EDTR PRN will again host the third annual silent auction during the networking and business meeting. Donations from members of the PRN will be up for auction. This year, bidders will be able to peruse auction items online before the meeting and place bids. Proceeds from the auction will go to support student and resident travel awards. Please consider participating!

The EDTR PRN is proud of its growing membership and would like to continue to expand. We encourage ACCP members who are interested in promoting our mission to join the EDTR PRN.

Emergency Medicine PRN

The EMED PRN would like to acknowledge and congratulate all of its members on their accomplishments and achievements.

Awards

- Megan Musselman: 2015 ACCP New Clinical Practitioner Award
- Sid Patanwala: Alumni Achievement Award (Drake University, March 2015)

Publications

- Groth CM, **Acquisto NM**. Pharmacists as members of the rapid response team. *J Pharm Pract* 2014;8. [Epub]
- Kaucher KA, **Acquisto NM**, Rao GG, et al. Relative bioavailability of oral fosphenytoin sodium solution in healthy volunteers. *Pharmacotherapy* 2015;35:482-8.
- Vollman KE, Adams CB, **Acquisto NM**. Survey of emergency medicine education opportunities for pharmacy students and residents. *Hosp Pharm* 2015;50. In press.
- **Awad NI**. Cardiovascular risks associated with azithromycin: worth the hype? *J Nurse Pract* 2015;11:149-50.
- **Awad NI**, Brunetti L, Juurlink DN. Enhanced elimination of dabigatran through extracorporeal methods. *J Med Toxicol* 2015;11:85-95.

- **Awad NI, Cocchio C**. Assessment of hospital pharmacy preparedness for mass casualty events. *P T* 2015;40:264-7.
- **Awad NI, Cocchio C**. Use of Twitter at a major national pharmacy conference. *Am J Health Syst Pharm* 2015;72:65-9.
- Westrol MS, **Awad NI**, Bridgeman PJ, Page E, McCoy JV, Jeges J. Use of an intravascular HeatExchange catheter and intravenous lipid emulsion for hypothermic cardiac arrest after cyclobenzaprine overdose. *Ther Hypothermia Temp Manag* 2015. In press.
- Utkewicz MD, Brunetti L, **Awad NI**. Epistaxis complicated by rivaroxaban managed with topical tranexamic acid: case report and literature review. *Am J Emerg Med* 2015. In press.
- Zhang Y, Kim J, **Awad NI, Cocchio C**. Analysis of pharmacy student perceptions and attitudes toward web 2.0 tools for educational purposes. *J Pharm Technol* 2015;31:127-34.
- **Bailey AM**, Stephan M, **Weant KA**, Baker Justice S. Dosing of appropriate antibiotics and time to administration of first doses in the pediatric emergency department. *J Pediatr Pharmacol Ther* 2015;20(4). In press.
- Cruz JE, **Cocchio C**, Lai PT, Hermes-DeSantis E. Gluten content of medications. *Am J Health Syst Pharm* 2015;71:54-60.
- Altyar A, Bakhsh HT, Mohammed A, Skrepnek G, **Patanwala AE**. Administration of first dose antibiotic in the ED in patients with minor skin and soft tissue infections. *Am J Emerg Med* 2015 May 29. [Epub ahead of print]
- Amini R, Stolz LA, **Patanwala AE**, Adhikari S. Coronal axis measurement of the optic nerve sheath diameter using a linear transducer. *J Ultrasound Med* 2015 Aug 7. [Epub ahead of print]
- 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* 2015;48:280-6.
- **Thomas MC**. Health maintenance/public health I. In: Bainbridge JL, Branham A, Coyle EA, et al., eds. *Updates in Therapeutics®: The Ambulatory Care Pharmacy Preparatory Review and Recertification Course*, 2015 ed. Lenexa, KS: American College of Clinical Pharmacy, 2015:2-673-2-705.
- **Thomas MC**, Shewmaker J, **Musselman M**. Droperidol for the treatment of acute migraine headaches. *Ann Pharmacother* 2015;49:223-40.

- **Thomas MC**, Sun S. Advanced pharmacy practice experiences for pharmacy students in emergency department settings. *Curr Pharm Teach Learn* 2015;7:378-81.
- Macias-Moriarity LZ, Fetterman JW, **Thomas MC**, Stajich GV. Residency program director's perception of PGY-1 applicants: results of the national 35 ½ second survey. *Curr Pharm Teach Learn* 2015;7:465-9.
- Johnson EG, Meier A, Shirakbari A, **Weant K**, Baker Justice S. Impact of rocuronium and succinylcholine on sedation initiation after rapid sequence intubation. *J Emerg Med* 2015;49:43-9.
- Schultz AE, Lewis T, Reed BS, **Weant KA**, Baker Justice S. That's a phat antidote: intravenous fat emulsions and toxicological emergencies. *Adv Emerg Nurs J* 2015;37:1-14.
- **Wilson SS**, Ayaz SI, Levy PD. Relaxin: a novel agent for the treatment of acute heart failure. *Pharmacotherapy* 2015;35:315-27.
- O'Connor JM, Nefcy A, **Wilson SS**. Severe mucositis after acute substance ingestion. *Clin Toxicol* 2015;53:578-9.
- Raub JN, Thurston TM, Fiorvento AD, Mynatt RP, **Wilson SS**. Implementation and outcomes of a pharmacy residency mentorship program. *Am J Health Syst Pharm* 2015;72:S1-S5.

New ACCP Fellows

- Sid Patanwala
- Michael C. Thomas

Other Notable Achievements

- Sarah Barlow: Pharmacotherapy Board Certification
- Kyle Weant: Clinical Associate Professor in the Department of Clinical and Administrative Sciences at Sullivan University College of Pharmacy

Endocrine and Metabolism PRN

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 metabolism 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 and 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.

Promotions

- Molly Minze: Associate Professor at Texas Tech University Health Sciences Center School of Pharmacy
- Ann Philbrick: Associate Professor at the University of Minnesota College of Pharmacy
- Jamie Pitlick: Associate Professor of Pharmacy Practice at St. Louis College of Pharmacy
- Krystal Riccio: Associate Professor of Pharmacy Practice at Roseman University Health Sciences
- Jonathan White: Providence Medical Group Residency Program Director-PGY2 Ambulatory Care

Research Grants

- **Johnson JF**. Prescribing patterns for canagliflozin (Invokana) in a specialty endocrinology group practice: patient characteristics and outcomes. Retrospective record review project in collaboration with Iowa Diabetes and Endocrinology Center and Janssen Pharmaceuticals, Health Economics and Outcomes Research Division. Funded. July 1, 2015. \$30,200. Role: Principal Investigator.
- Dittman P, Kleier J, **Singh-Franco D**, Levin A, Colas M, Swann E, Petrosky S, Gordon AB, Hankinson M. A Community-Based, Inter-professional Diabetes Self-Management Education Project. Awarded May 2015. Nova Southeastern University, Health Professions Division Quality of Life Research Grant \$10,000.

Fellowships/Honors/Awards

- Jonathan White: Oregon Society of Health-System Pharmacists – New Practitioner of the Year 2015 (presented to pharmacist in first 10 years of practice)
- Jonathan White: Providence Portland Medical Center Chairman Award – Is awarded to an individual for extraordinary contributions to the faculty team and teaching the medical residents in the Department of Medical Education

Publications

- Benitez GV, Desai JR, Xu S, Goodrich GK, Schroeder EB, Nichols GA, Segal J, Kimes TM, **Butler MG**, Karter AJ, Steiner JS, Newton K, Morales LS, Pathak RD, Thomas A, Reynolds K, Kirchner HL, Waitzfelder BE, Lafata JE, Adibhatla R, Xu Z, O'Connor PJ.

Preventable major cardiovascular events associated with uncontrolled glucose, blood pressure, lipids and active smoking in adults with diabetes with and without cardiovascular disease: a contemporary analysis. *Diabetes Care* 2015;38:905-12.

- Feigelson HS, Carroll NM, Weinmann S, Habel L, Haque R, **Butler MG**, Waitzfelder BE, Yu C, Wrenn MG, McGlynn EA. Treatment patterns for ductal carcinoma *in-situ* (DCIS) from 2000-2010 across six integrated health plans. Springer Plus. 2015;4:24. eCollection 2015.
- Lu CY, Zhang F, Lakoma MD, **Butler MG**, Fung V, Larkin EK, Kharbanda EO, Vollmer WM, Lieu T, Soumerai SB, Chen Wu A. Asthma treatments and mental health visits after a Food and Drug Administration label change for leukotriene inhibitors. *Clin Ther* 2015 Apr 25. [Epub ahead of print]
- Nichols GA, Schroeder EB, Karter AJ, Gregg EW, Desai J, Lawrence JM, O'Connor PJ, Xu S, Newton KM, Raebel MA, Pathak RD, Waitzfelder B, Segal J, Elston-Lafata J, **Butler MG**, Kirchner HL, Ph.D., Thomas A, Steiner JF. Trends in diabetes incidence, 2006-2011, in seven million insured adults: the SUPREME-DM project. *Am J Epidemiol* 2015;181:32-9.
- Reynolds K, **Butler MG**, Kimes TM, Rosales AG, Chan W, Nichols GA. Relation of acute heart failure hospital length of stay to subsequent readmission and all-cause mortality. *Am J Cardiol* 2015 May 9.
- Schroeder EB, Powers JD, O'Connor PJ, Nichols GA, Xu S, Desai JR, Karter AJ, Morales LS, Newton KM, Pathak RD, Vazquez-Benitez G, Raebel MA, **Butler MG**, Lafata JE, Reynolds K, Thomas A, Waitzfelder BE, Steiner JF; SUPREME-DM Study Group. Prevalence of chronic kidney disease among individuals with diabetes in the SUPREME-DM Project, 2005-2011. *J Diabetes Complications*. 2015 Apr 16. [Epub ahead of print]
- Wu AC, **Butler MG**, Li L, Fung V, Kharbanda EO, Larkin EK, Vollmer WM, Miroshnik I, Davis RL, Lieu TA, Soumerai SB. Primary adherence to controller medications for asthma is poor. *Ann Am Thorac Soc* 2015;2:161-6.
- **Goldman JD**, Horn D. Overcoming challenges and barriers to insulin therapy in type 2 diabetes. *Pharmacy Times*. 2015;81:89-100. Published online May 2015. Available at www.pharmacytimes.com/publications/issue/2015/may2015/overcoming-challenges-and-barriers-to-insulin-therapy-in-type-2-diabetes.
- **Goldman JD**, White J. New insulin glargine 300 U/ml for the treatment of type 1 and type 2 diabetes mellitus. *Ann Pharmacother* 2015; published online ahead of print.
- Shaikh N, **Goldman JD**. Current therapy in diabetes. *On the Cutting Edge (OTCE) Diabetes Care*

and Education – Academy of Nutrition and Dietetics 2015;36:4-7.

- **Goldman-Levine JD**. Combination therapy when metformin is not an option for type 2 diabetes. *Ann Pharmacother* 2015;49:688-99.
- **Johnson JF**. Diabetes Case Studies (with Interprofessional Perspectives). Electronic book for instructional use as part of APhA PharmacyLibrary. Published July 2015.
- **Kugler AJ**, Fabbio KL, Pham DQ, Nadeau DA. Inhaled Technosphere insulin: a novel delivery system and formulation for the treatment of type 1 and type 2 diabetes mellitus. *Pharmacotherapy* 2015;35:298-314.
- **Reece SM**. Needles: the sticky details. *Practical Diabetology*.
- **Singh-Franco D**. Potential for dipeptidyl peptidase-4 inhibitor and sodium glucose cotransporter 2 inhibitor single-pill combinations. *Expert Rev Endocrinol Metab* 2015;10:305-17.
- Lai LL, Bleidt BA, **Singh-Franco D**, Elusma C, Hug G. Trends in benzodiazepine prescribing under Medicare Part D in USA: outpatient settings 2005–2009. *J Pharm Health Serv Res*. Article first published online: June 4, 2015.
- **Winder M**, Johnson J, Planas L, Crosby K, Gildon B, Oberst-Walsh L. Impact of pharmacist-led educational and error notification interventions on prescribing errors in a family medicine clinic. *J Am Pharm Assoc* 2015;55:238-45.

Abstracts/Poster Presentations

- **Singh-Franco D**, Harrington C, Tellez-Corrales E. Effect of dipeptidyl peptidase-4 inhibitors on hemoglobin a1c in patients with type 2 diabetes mellitus and renal impairment: a systematic review and meta-analysis. *Value Health* 2015;18:A55.
- Levin A, **Singh-Franco D**, Gershman J. Level of confidence and competence of immunization delivery by pharmacy interns who administer immunizations compared to pharmacy interns unable to immunize due to state law. Presented at: 2015 American Association of Colleges of Pharmacy (AACP) Annual Meeting; July 14, 2015; National Harbor, MD.

Other Notable Achievements

- Mandy Reece: Elected to the board of directors for the American Association of Diabetes Educators for the term 2016–2019
- Marquita Winder: Certified Diabetes Educator

GI/Liver/Nutrition PRN

Introduction

Please join us at the 2015 ACCP Global Conference on Clinical Pharmacy in San Francisco, California, from October 17 to 21, 2015!

The GILN PRN will host its annual business meeting and networking forum on Monday, October 19, 2015, 6:00 p.m. – 9:00 p.m. This meeting is open to current and prospective members. Appetizers and beverages will be provided.

During the meeting, the GILN PRN will present its focus session on [Pharmacotherapy Advances and Nutrition in the Management of Patients with IBD and IBS](#) from 1:30 p.m. to 3:00 p.m. on Tuesday, October 20, 2015.

Publications

- Toussaint-Miller K, **Andres J**. A special touch: treatment considerations for unique patient populations with HCV genotype 1 infection. *Ann Pharmacother*.
- **Bounda GA**, Yu F. Review of clinical studies of *Polygonum multiflorum* Thunb. and its isolated bioactive compounds. *Pharmacognosy Res* 2015;7:225-36.
- **Bounda GA**, Zhou W, Wang D, Yu F. Rhein elicits in vitro cytotoxicity in primary human liver HL-7702 cells by inducing apoptosis via mitochondria-mediated pathway [abstract]. *Pharmacotherapy* 2015;35:e70-e71.
- **Bounda GA**, Zhou W, Wang D, Yu F. Rhein elicits in vitro cytotoxicity in primary human liver HL-7702 cells by inducing apoptosis via mitochondria-mediated pathway. *Evid Based Complement Altern Med* 2015, Article ID: 329831.
- Bechard LJ, Gordon C, Feldman HA, Venick R, **Gura K**, Guinan EC, Duggan C. Bone loss and vitamin D deficiency in children undergoing hematopoietic cell transplantation. *Pediatr Blood Cancer* 2015;62:687-92.
- **Hemstreet B**. Inflammatory bowel disease. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program, 2015 Book 2. Women's and Men's Care*. Lenexa, KS: American College of Clinical Pharmacy, 2015:231-48.
- **Hemstreet B**. Vitamin D's role in the pathogenesis and treatment of IBD. *Pharmacy Today*. August 2015;21(8). Available at www.pharmacist.com/vitamin-d-s-role-pathogenesis-and-treatment-ibd.
- **Kale-Pradhan PB**, Mihaescu A, **Wilhelm SM**. Fluoroquinolone sequential therapy for *Helicobacter*

pylori: a meta-analysis. *Pharmacotherapy* 2015 Jul 15. [Epub ahead of print]

- **Seifert CF**, Brown AT. IDSA or ACG guidelines for treatment for *Clostridium difficile* infection: which one to follow? [author's reply]. *Am J Med* 2015;128:e19.
- **Seifert CF**, Brown AT. Proton pump inhibition may promote *Clostridium difficile* recurrences [author's reply]. *Am J Med* 2015;128:e15.
- **Smith A**. Chapter 14: gastrointestinal system. In: *Patient Assessment in Pharmacy Practice, 3rd ed*. Philadelphia: Wolters Kluwer, 2016:255-75.
- **Smith A**. Chapter 15: hepatic system. In: *Patient Assessment in Pharmacy Practice, 3rd ed*. Philadelphia: Wolters Kluwer, 2016:276-92.
- **Smith MA**, Benedict NJ. Effectiveness of educational technology to improve patient care in pharmacy curricula. *Am J Pharm Educ* 2015;79:Article 15.
- **Smith MA, Chan J, Mohammad RA**. Ledipasvir-sofosbuvir: interferon/ribavirin-free regimen for chronic hepatitis C virus infection. *Ann Pharmacother* 2015;49:343-50.

Presentations

- Hemstreet B. Gastrointestinal disorders. American College of Clinical Pharmacy Updates in Therapeutics®: Pharmacotherapy Preparatory Course; April 2015; Chicago, IL.
- Hemstreet B. Navigating the P4 year. American College of Clinical Pharmacy Emerge from the Crowd: How to Become a Standout Residency Candidate Program; April 2015; Chicago, IL.
- Hemstreet B. Endocrine disorders. American College of Clinical Pharmacy 2015 Clinical Pharmacy Summit; March 2015; Manila, Philippines.
- Hemstreet B. Pulmonary disorders. American College of Clinical Pharmacy 2015 Clinical Pharmacy Summit; March 2015; Manila, Philippines.
- Hemstreet B. Applying clinical skills for effective practice: Pre-conference Career Advancement Symposium: Developing the Competencies of an Effective Clinical Practitioner and Teacher. 15th Asian Conference on Clinical Pharmacy; June 2015; Bangkok, Thailand.
- Hemstreet B. The attributes of an effective clinician: Pre-conference Career Advancement Symposium: Developing the Competencies of an Effective Clinical Practitioner and Teacher. 15th Asian Conference on Clinical Pharmacy; June 2015; Bangkok, Thailand.

- Hemstreet B. Pharmacotherapy and Clinical Practice Workshop; King Saud Medical City; May 2015; Riyadh, Kingdom of Saudi Arabia.
- Martin MT. Top things to know about hepatitis C virus now. Illinois Council on Health-System Pharmacists (ICHP) Annual Meeting; September 11, 2015; Oakbrook Terrace, IL.
- Smith AN. Pharmacological treatment of obesity. American Society for Metabolic and Bariatric Surgery (ASMBS) Weekend Meeting; June 2015; Las Vegas, NV.
- Smith AN. Perioperative pharmacology in the bariatric surgery patient: who, what, where, why all the prep? American Society for Metabolic and Bariatric Surgery (ASMBS) Weekend Meeting; June 2015; Las Vegas, NV.
- Crabtree BL, Salinitri FD, **Wilhelm SM**, Riche DM. Training faculty and clinicians for small group facilitation. AACP & AFPC Annual Meeting; July 2015; National Harbor, MD.

Other Notable Achievements

- Guy-Armel Bounda received his Ph.D. degree in clinical pharmacy, China Pharmaceutical University, in June 2015. His thesis was titled “Herbal Medicines and Liver Damage: Mechanism of Hepatotoxicity induced by Rhein; a *Polygonum multiflorum* Bioactive Component.”
- Brian Hemstreet: Elected to the ACCP Board of Regents. His 3-year term starts in October 2015.

Geriatrics PRN

Promotions

- Antoine Jenkins: Clinical Associate Professor – Chicago State University – College of Pharmacy
- Jeannie K. Lee: Associate Professor – University of Arizona – College of Pharmacy
- Rebecca Sleeper: Professor – TTUHSC School of Pharmacy

Awards

- Jeannie Lee: Arizona Geriatric Education Center Certificate for Outstanding Contribution
- Emily Peron: Teacher of the Year Nominee, VCU School of Pharmacy, May 2015
- Emily Peron: Inducted as a faculty member of Phi Lambda Sigma Leadership Society, VCU School of Pharmacy, March 2015
- Barbara J. Zarowitz: 2015 Selection for the George M. Archambault Award

Grants

- “Caregiver Type and Knowledge of Medication Management for Geriatric Patients: A Prospective Study” – University of Houston New Faculty Research Program Grant (**Julianna Fernandez**)
- Sue Fosnight. Geriatrics Workforce Enhancement Program. Department of Health and Human Services Agency for Health Care Research and Quality. July 1, 2015 – June 30, 2018. Coinvestigator
- Sue Fosnight. Nurse Education, Practice, Quality, and Retention-Interprofessional Collaborative Practice. Department of Health and Human Services Agency for Health Care Research and Quality. July 1, 2015 – June 30, 2018. Coinvestigator
- Jeannie Lee: Arizona Geriatric Workforce Enhancement Program (AZ-GWEP) Source: HRSA (UIQHP28721). Goal: To develop a capable, diverse, and culturally competent Arizona health professions workforce focused on ensuring Arizona’s elders’ improved health outcomes including function and quality of life. Role: Coinvestigator (PI, Mindy Fain and Jane Mohler, Arizona Center on Aging). Amount: \$2,500,000 % Effort: 10%
- Zachary A. Marcum. Northwest Geriatric Workforce Enhancement Center (HRSA-15-057) (Vitiello/Phelan PI) – HRSA. July 1, 2015 – June 30, 2018. Role: Center Steering Committee
- Zachary A. Marcum. R34HL123500-01A1 (Morone/McTigue PI) – NHLBI. Minding GOALS: An Internet-Assisted Mind-Body-Behavior Program for Blood Pressure Control. May 15, 2015 – March 31, 2018. Role: Coinvestigator
- Magnet M, Shibley J, Kaefer T, **Peron EP**, Larson T, Helmke J. BreMO Transitions of Care Program (BreMO TOC): BreMO Bedside Medication Delivery and BreMO Transitions; February 11, 2015 – February 11, 2017. Virginia Pharmacists Association Foundation Incentive Grants Program: \$2480
- “Identification of Pseudobulbar Affect Symptomatology in the Nursing Facility: Pilot of a Screening Tool,” Avanir Pharmaceuticals, **Barbara Zarowitz** (Principal Inv.), Terry O’Shea, Carrie Allen. \$161,500 1/14/2015 – present
- “Characteristics and Outcomes of Opioid-Treated Residents with Constipation in the Nursing Home,” AstraZeneca Pharmaceuticals, LP, **Barbara Zarowitz** (Principal Inv.), Terry O’Shea, Carrie Allen \$193,600 3/2/2015 – present
- “Demographic and Clinical Characteristics of Residents with a Diagnosis of Seizure Disorder or Epilepsy in the Nursing Home Setting,” Eisai,

Barbara Zarowitz (Principal Inv.), Terry O'Shea, Carrie Allen, \$129,450; 4/14/2015 – present

Publications

- **Blaszczyk AT**, Sleeper RB, **Bailey TA**, Duncan NM, **McCarrel J**, Clifford KM. Workarounds during the transcription of medication orders in the long-term care setting. *Ann Longterm Care* 2015;23:33-7.
- Benitez GV, Desai JR, Xu S, Goodrich GK, Schroeder EB, Nichols GA, Segal J, Kimes TM, **Butler MG**, Karter AJ, Steiner JS, Newton K, Morales LS, Pathak RD, Thomas A, Reynolds K, Kirchner HL, Waitzfelder BE, Lafata JE, Adibhatla R, Xu Z, O'Connor PJ. Preventable major cardiovascular events associated with uncontrolled glucose, blood pressure, lipids and active smoking in adults with diabetes with and without cardiovascular disease: a contemporary analysis. *Diabetes Care* 2015;38:905-12.
- Lu CY, Zhang F, Lakoma MD, **Butler MG**, Fung V, Larkin EK, Kharbanda EO, Vollmer WM, Lieu T, Soumerai SB, Chen Wu A. Asthma treatments and mental health visits after a Food and Drug Administration label change for leukotriene inhibitors. *Clin Ther* 2015;37:1280-91.
- Reynolds K, **Butler MG**, Kimes TM, Rosales AG, Chan W, Nichols GA. Relation of acute heart failure hospital length of stay to subsequent readmission and all-cause mortality. *Am J Cardiol* 2015;116:400-5.
- Schroeder EB, Powers JD, O'Connor PJ, Nichols GA, Xu S, Desai JR, Karter AJ, Morales LS, Newton KM, Pathak RD, Vazquez-Benitez G, Raebel MA, **Butler MG**, Lafata JE, Reynolds K, Thomas A, Waitzfelder BE, Steiner JF; SUPREME-DM Study Group. Prevalence of chronic kidney disease among individuals with diabetes in the SUPREME-DM Project, 2005-2011. *J Diabetes Complications*. 2015;29:637-43.
- Wu AC, **Butler MG**, Li L, Fung V, Kharbanda EO, Larkin EK, Vollmer WM, Miroshnik I, Davis RL, Lieu TA, Soumerai SB. Primary adherence to controller medications for asthma is poor. *Ann Am Thorac Soc* 2015;2:161-6.
- **Essex MN**, O'Connell MA, Behar R, Bao W. Efficacy and safety of nonsteroidal anti-inflammatory drugs in Asian patients with knee osteoarthritis: summary of a randomized, placebo-controlled study. *Int J Rheum Dis* 2015 May 20. [Epub ahead of print]
- Wilford R, **Fosnight S**, Allen K. 3D-cam [letter to the editor]. *Ann Intern Med* 2015;162:527.
- Co-editor: **Lisa C. Hutchinson, Rebecca B. Sleeper**: *Fundamentals of Geriatric Pharmacotherapy*, 2nd ed. Bethesda, MD: ASHP, 2015.
- Gritsenko D, **Hughes GJ**. Ledipasvir/sofosbuvir (Harvoni): improving options for hepatitis C virus infection. *P T* 2015;40:256-76.
- Tran TH, **Hughes GJ**, Greenfeld C, Pham JT. Overview of current and alternative therapies for idiopathic membranous nephropathy. *Pharmacotherapy* 2015;35:396-411.
- **Marcum ZA**, Driessen J, Thorpe CT, Donohue JM, Gellad WF. Regional variation in use of a new class of antidiabetic medication among Medicare beneficiaries: the case of incretin mimetics. *Ann Pharmacother* 2015;49:285-92.
- **Marcum ZA**, Gurwitz JH, Colón-Emeric C, Hanlon JT. Pills and ills: methodologic issues in pharmacologic research. *J Am Geriatr Soc* 2015;63:829-30.
- **Marcum ZA**, Hardy S. Medication management skills in older skilled nursing facility residents transitioning home. *J Am Geriatr Soc* 2015;63:1266-8.
- **Marcum ZA**, Kisak A, Visoiu, Resnick N. Medication discrepancies and shared decision making. *J Am Geriatr Soc* 2015. In press.
- **Marcum ZA**, Kisak A, Visoiu, Resnick N. Medication reconciliation: will the real medication list please stand up? *J Am Geriatr Soc* 2015. In press.
- **Marcum ZA**, Perera S, Newman AB, Thorpe JM, Switzer GE, Gray SL, Simonsick EM, Shorr RI, Bauer DC, Castle NG, Studenski SA, Hanlon JT. Antihypertensive use and recurrent falls in community-dwelling older adults: findings from the Health ABC study. *J Gerontol A Biol Sci Med Sci* 2015. In press.
- **Marcum ZA**, Perera S, Thorpe JM, Switzer GE, Gray SL, Castle NG, Strotmeyer ES, Simonsick EM, Bauer DC, Shorr RI, Studenski SA, Hanlon JT. Anticholinergic use and recurrent falls in community dwelling older adults: findings from the Health ABC study. *Ann Pharmacother* 2015. In press.
- Culley CM, Perera S, **Marcum ZA**, Kane-Gill SL, Handler SM. Using a clinical surveillance system to detect drug-associated hypoglycemia in nursing home residents. *J Am Geriatr Soc* 2015. In press.
- Felton MA, Hanlon JT, Perera S, Thorpe JM, **Marcum ZA**. Racial differences in anticholinergic use among community-dwelling elders. *Consult Pharm* 2015;30:240-5.
- Lo-Ciganic WH, Donohue JM, Thorpe JM, Perera S, Thorpe CT, **Marcum ZA**, Gellad WF. Using machine learning to examine medication adherence thresholds and risk of hospitalization. *Med Care* 2015;53:720-8.

- Naples JG, **Marcum ZA**, Perera S, Gray SL, Newman AB, Simonsick EM, Yaffe K, Shorr RI, Hanlon JT. Concordance among anticholinergic burden scales. *J Am Geriatr Soc* 2015. In press.
- Radomski TR, Good CB, Thorpe CT, Zhao X, **Marcum ZA**, Glassman PA, Lowe J, Mor M, Fine MJ, Gellad WF. Variation in formulary management practices within the VA healthcare system. *J Manag Care Specialty Pharm* 2015. In press.
- Weiner DK, Fang M, Gentili A, Kochersberger G, **Marcum ZA**, Rossi MI, Semla TP, Shega J. Deconstructing chronic low back pain in the older adult—step by step evidence and expert-based recommendations for evaluation and treatment. Part I: hip osteoarthritis. *Pain Med* 2015;16:886-97.
- Cao Q, Lee T, Hayes S, **Nye AM**, Hamrick I, Shivajiro P, Steinweg K. Are geriatric medicine fellows prepared for the important skills of hospice and palliative care? *Am J Hosp Palliat Care* 2015;32:322-8.
- Fabo K, **Nye AM**, Gagliardi J, Nye AM, Dennis C, Muzyk A. Evaluation of changes in citalopram prescribing patterns following a US Food and Drug Administration Alert: a retrospective cohort study. *Prim Care Companion CNS Disord* 2015;17(1).
- Hamrick I, Schrager S, **Nye AM**. Treatment of osteoporosis: current state of the art. *Wien Med Wochenschr* 2015;165:54-64.
- **Peron EP**, Ogbonna KC, Donohoe KL. Antidiabetic medications and polypharmacy. *Clin Geriatr Med* 2015;31:17-27.
- Hobgood S, **Peron EP**, Collison E, Shamaskin-Garroway A, Sicat B, Bishop S. Interprofessional Team-Based Learning Module: Dementia, Depression, and Delirium. *MedEdPORTAL Publications*, 2015. Available at <https://www.mededportal.org/publication/10033>.
- Aspinall SL, Zhao X, Semla TP, Cunningham FE, Paquin AM, Pugh MJ, Schmader KE, Stone RA, Hanlon JT; the Veterans Affairs Community Living Center **Pharmacotherapy Research Group**. Epidemiology of drug-disease interactions in older Veteran nursing home residents. *J Am Geriatr Soc* 2015;63:77-84.
- **Sakely H**, Corbo J, Coley M, Thorpe C, Klatt P, Schleiden L, Zaharoff J, Cox-Vance L, Balestrino V, McGivney MS. Pharmacist-led collaborative practice for older adults. *Am J Health Syst Pharm* 2015;72:606-9.
- **Salvig BE**, Easterling JL, Moseley MV, Patel EL, Joppich MH, Bean JR. Improving antipsychotic use in a Veterans Affairs community living center. *Ann Longterm Care* 2015;23:35-9.
- **Zarowitz B**, Allen C, O'Shea T, Dalal M, Haumschild M, DiGenio A. Type 2 diabetes mellitus treatment patterns in US nursing home residents. *Postgrad Med* 2015; Early Online April 8; 1-9.
- **Zarowitz B**, Cheung LI, Allen C, O'Shea T, Stolshek B. Prevalence and clinical characteristics of treated and untreated osteoporosis in nursing home residents. *JAMDA* 2015;16:341-8.
- **Zarowitz B**, O'Shea T, Allen C, Tangalos E, Ouslander J, Berner T. Clinical burden and non-pharmacologic management of nursing home residents with urinary incontinence and/or overactive bladder. *Consult Pharm* 2015. Accepted for publication.
- **Zarowitz B**, O'Shea T, Allen C, Tangalos E, Ouslander J, Berner T. Challenges in the pharmacologic management of nursing home residents with urinary incontinence and/or overactive bladder. *J Am Geriatr Soc* 2015. 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* 2015;21:585-95.
- **Vouri SM, Crist SM**, Sutcliffe S, Austin S. Changes in mood in new enrollees at a program of all-inclusive care for the elderly (PACE). *Consult Pharm* 2015;30:463-71.

Abstracts/Posters/Presentations

- **Blaszczyk A, Estus E, Boumeester C, Emptage R, Lee J, Mahan R, Slattum P, Vouri S, Brodeur M, Niehoff K**. Developing a geriatric pharmacy curriculum guide, 3rd ed. *J Am Geriatr Soc* 2015;63:S194-S195.
- **Essex MN**, Hopps M, Udall M, Fu C, Bienen EJ, Mardekian J, Makinson G. Relationship of serum uric acid levels with hypertension and hyperlipidemia in patients with gout. *Internal Society for Pharmacoeconomics and Outcomes Research 20th Annual International Meeting*; May 16–20, 2015; Philadelphia, PA.
- **Essex MN**, Hopps M, Udall M, Fu C, Bienen EJ, Mardekian J, Makinson G. Relationship of serum uric acid levels with cardiovascular disease in patients with gout: a retrospective analysis of electronic health records data. *EULAR* 2015; June 10–13, 2015; Rome, Italy.
- **Essex MN**, Hopps M, Udall M, Fu C, Bienen EJ, Mardekian J, Makinson G. Does high serum uric

acid increase the risk of renal disease in patients with gout? Results from a retrospective analysis of electronic health records data. EULAR 2015; June 10–13, 2015; Rome, Italy.

- Rüdell K, Bobula J, Fu C, Mardekian J, Sadosky A, **Essex MN**, Taylor W. Comparing burden of illness of tophaceous with non-tophaceous gout patients using a large US electronic health records database. Internal Society for Pharmacoeconomics and Outcomes Research 20th Annual International Meeting, May 16-20, 2015, Philadelphia, PA.
- **Sakely H**. The impact of pharmacists caring for geriatric patients across the healthcare continuum on the identification, resolution, and prevention of drug therapy problems: a subset of the PIVOTS (Pharmacist-led Interventions on the Transitions of Seniors) Group. American Geriatrics Society Annual Meeting – 1st place awardee for Resident and Fellow Abstract, Models of Care Category.
- Breslin T, Durigan R, Payette N, Bacci J, Klatt P, McGivney M, Corbo J, Coley K, Thorpe C, Cox-Vance L, Zaharoff J, **Sakely H**. Physician perceptions of pharmacists integrated within their practice: a mixed methods analysis of effects on patient care and non-patient care activities. American Geriatrics Society Annual Meeting – 2nd place awardee for Resident and Fellow Abstract, Models of Care Category.
- Campbell A, Coley K, Thorpe C, Corbo J, McGivney M, Klatt P, Zaharoff J, Cox-Vance L, Higbea AM, Thorpe C, Cox-Vance L, McGivney M, Coley K, Schleiden L, Zaharoff J, Corbo J, Klatt P, **Sakely H**. Improving care of older adults within a novel practice: patient perceptions and self-efficacy analysis of Pharmacist-led Interventions on Transitions of Seniors (PIVOTS) by patient surveys. American Geriatrics Society Annual Meeting – 3rd place awardee for Resident and Fellow Abstract, Models of Care Category.
- Payette N, Breslin T, Durigan R, Klatt P, Bacci J, Coley K, McGivney M, Corbo J, Cox-Vance L, Driessen J, Thorpe C, Zaharoff J, **Sakely H**. Time-in motion analysis of the geriatric clinical pharmacist in four geriatric care settings: Pharmacist-led Interventions on Transitions of Seniors (PIVOTS). American Geriatrics Society Annual Meeting.

Other Notable Achievements

- Nicolette Centanni: Certification in Geriatric Pharmacy
- Christine Eisenhower: “Pharmacist-Initiated Optimization of Inhalers in High-Risk, Older Adults with COPD” – ACCP MeRIT Scholar

- Scott Vouri: MSCI degree from Washington University in St. Louis

Global Health PRN

Introduction

The Global Health PRN is celebrating its first year in residence with ACCP. We are now more than 130 members strong and growing. The 2015 PRN election slate showcased highly qualified members, and we are proud to welcome Michelle Holm as chair-elect and Kristin Darin as secretary/treasurer. Renee Holder will return as chair.

Through the efforts of the Programming Task Force, both joint PRN focus sessions submitted for presentation at the Global Conference on Clinical Pharmacy were accepted. In addition, the Scholarship Task Force submitted a poster describing the creation of the PRN that has been accepted. Please check the meeting schedule so that you don't miss these sessions. See you in San Francisco!

Promotions

- Katie Carls: Clinical Manager of International Content for Lexicomp at Wolters Kluwer
- Kevin O. Rynn: Vice Dean, Rosalind Franklin University of Medicine and Science College of Pharmacy

Awards

- Sally Arif: Class of 2017 Teacher of the Year, Midwestern University Chicago College of Pharmacy
- Susan Raber: Health Volunteers Overseas (HVO) Golden Apple Award (strong commitment to HVO's mission to improve global health through education, training, and professional development of the health workforce in resource-scarce countries)

Grants

- Cory Nelson: 2015 Cardinal Health E³ Grant, \$45,000
- Sonak Pastakia: NIH R01 Bridging Income Generation Through Group Integrated Care – Coinvestigator
- Sonak Pastakia: Medical Research Council UK – “Ethnic Specific Risk Stratification in Early Pregnancy for Identifying Mothers at Risk of Gestational Diabetes Mellitus in Kenya and India” – Co-PI

- Sonak Pastakia: Celgene – Pharmacy Infrastructure Development Grant – PI
- Sonak Pastakia: Abbott – Addressing diabetes care needs through rural western Kenya–Co-I
- Emily Peron: Improving School Meals Program; 06/01/2015-06/01/2016. VCU Global Education Office Global Health Funds: \$1800.

Publications

- **Pastakia SD**, Cheng SY, Kirui, et al. Dynamics, impact, and feasibility of self-monitoring of blood glucose in the rural, resource-constrained setting of Western Kenya. *Clin Diabetes* 2015.
- **Pastakia SD**, Njuguna B, Le P, Brock TB. To address emerging infections, we must invest in enduring systems: the kinetics and dynamics of health systems strengthening. *Clin Pharmacol Ther* 2015.
- Bhavadharini B, Mohanraj M, **Pastakia SD**, et al. Use of capillary blood glucose for screening for gestational diabetes mellitus in resource-constrained settings. *Acta Diabetol* 2015.
- Crowe S, Manyara S, **Pastakia SD**. Lessons still needing to be learned. *Curr Pharm Teach Learn* 2015;7:141-3.
- Park PH, Wambui CK, **Pastakia SD**, et al. Improving diabetes management and cardiovascular risk factors through peer-led self-management support groups in western Kenya. *Diabetes Care* 2015;38:e110-e111.
- Shirey K, Manyara S, **Pastakia SD** (corresponding author), et al. Symptoms of depression among patients attending a diabetes care clinic in rural western Kenya. *J Clin Transl Endocrinol* 2015;2:51-4.

New ACCP Fellows

- Katherine Smith: South Jordan, UT
- **Other Notable Achievements**
- Sonak Pastakia: Our Counterfeit Detection program was featured on BBC a few months ago. The story site has a link to the video clip toward the bottom, which they aired on TV: www.bbc.com/news/health-32938075.

Health Outcomes PRN

Grants

- **Baker WL** (PI): “Magnesium for Treatment of Atrial Fibrillation”: Connecticut Institute for Clinical

and Translational Science (CICATS) Pre-K Scholar Program

- **Baker WL** (PI): “Oral Treatments for Moderate-to-Severe Plaque Psoriasis: A Network Meta-analysis.” Pfizer.

Publications

- **Baker WL**, Coleman CI. Medication adherence and non-vitamin K antagonist oral anticoagulants: what do we really know? *Europace*. In press.
- **Baker WL**, Kluger J, Coleman CI, White CM. Impact of magnesium L-lactate on occurrence of ventricular arrhythmias in patients with implantable cardioverter defibrillators: a randomized, placebo-controlled trial. *Open Cardiovasc Med J* 2015. In press.
- **Baker WL**, Radojevik J, Gluck JA. Systematic review of phosphodiesterase-5 inhibitors for preventing right ventricular failure following left ventricular assist device implantation. *Artif Organs* 2015. In press.
- Chamberlin KW, **Baker WL**. Benefit-risk assessment of pitavastatin for the treatment of hypercholesterolemia in older patients. *Clin Interv Aging* 2015;10:733-40.
- Benitez GV, Desai JR, Xu S, Goodrich GK, Schroeder EB, Nichols GA, Segal J, Kimes TM, **Butler MG**, Karter AJ, Steiner JS, Newton K, Morales LS, Pathak RD, Thomas A, Reynolds K, Kirchner HL, Waitzfelder BE, Lafata JE, Adibhatla R, Xu Z, O'Connor PJ. Preventable major cardiovascular events associated with uncontrolled glucose, blood pressure, lipids and active smoking in adults with diabetes with and without cardiovascular disease: A contemporary analysis. *Diabetes Care* 2015;38:905-12.
- Feigelson HS, Carroll NM, Weinmann S, Habel L, Haque R, **Butler MG**, Waitzfelder BE, Yu C, Wrenn MG, McGlynn EA. Treatment patterns for ductal carcinoma in-situ (DCIS) from 2000-2010 across six integrated health plans. *Springer Plus*. 2015;4:24. eCollection 2015.
- Lu CY, Zhang F, Lakoma MD, **Butler MG**, Fung V, Larkin EK, Kharbanda EO, Vollmer WM, Lieu T, Soumerai SB, Chen Wu A. Asthma treatments and mental health visits after a Food and Drug Administration label change for leukotriene inhibitors. *Clin Ther* 2015 Apr 25. [Epub ahead of print]
- Nichols GA, Schroeder EB, Karter AJ, Gregg EW, Desai J, Lawrence JM, O'Connor PJ, Xu S, Newton KM, Raebel MA, Pathak RD, Waitzfelder B, Segal J, Elston-Lafata J, **Butler MG**, Kirchner HL, Ph.D., Thomas A, Steiner JF. Trends in diabetes incidence,

2006-2011, in seven million insured adults: the SUPREME-DM project. *Am J Epidemiol* 2015;181:32-9.

- Reynolds K, **Butler MG**, Kimes TM, Rosales AG, Chan W, Nichols GA. Relation of acute heart failure hospital length of stay to subsequent readmission and all-cause mortality. *Am J Cardiol* 2015 May 9.
- Schroeder EB, Powers JD, O'Connor PJ, Nichols GA, Xu S, Desai JR, Karter AJ, Morales LS, Newton KM, Pathak RD, Vazquez-Benitez G, Raebel MA, **Butler MG**, Lafata JE, Reynolds K, Thomas A, Waitzfelder BE, Steiner JF; SUPREME-DM Study Group. Prevalence of chronic kidney disease among individuals with diabetes in the SUPREME-DM Project, 2005-2011. *J Diabetes Complications*. 2015 Apr 16. [Epub ahead of print]
- Wu AC, **Butler MG**, Li L, Fung V, Kharbanda EO, Larkin EK, Vollmer WM, Miroshnik I, Davis RL, Lieu TA, Soumerai SB. Primary adherence to controller medications for asthma is poor. *Ann Am Thorac Soc* 2015;2:161-6.
- **Olson KL**, Stiefl M, Ross C, Stadler S, Hornak R, Sandhoff B, Merenich JA. Self-rated health among patients with coronary artery disease enrolled in a cardiovascular risk reduction service. *Popul Health Manage* August 3, 2015. In press.
- Adams J, Cymbala AC, Delate T, Kurz D, **Olson KL**, Youngblood M, Zadvorny E. Cluster randomized trial of clinical pharmacist tobacco cessation counseling among patients with cardiovascular disease. *Popul Health Manage* 2015;18:300-6.
- Delate T, Rader N, Rawlings J, **Smith K**, Herner S. Clinical outcomes of continuation of metformin titration instructions with electronic prescribing. *Drugs Real World Outcomes* April 2015.
- Sarker A, Ginn R, Nikfarjam A, O'Connor K, **Smith K**, Jayaraman S, Upadhaya T, Gonzalez G. Utilizing social media data for pharmacovigilance: a review. *J Biomed Inform* 2015;54:202-12.
- **Sobieraj DM**, Coleman CI, Pasupuleti V, Deshpande A, Kaw R, Hernandez AV. Comparative efficacy and safety of anticoagulants and aspirin for extended treatment of venous thromboembolism: a network meta-analysis. *Thromb Res* 2015;888-96.
- Hom L, **Sobieraj DM**. The impact of initiating rivaroxaban versus low-molecular weight heparin plus warfarin in patient admitted to the hospital for venous thromboembolism. *Int J Cardiol* 2015;198:87-8.
- Hurley C, Dai S, **Sobieraj DM**. The impact of rivaroxaban versus warfarin on hospital-based outcomes when used for stroke prevention in patients with anticoagulant

naïve, new-onset nonvalvular atrial fibrillation. *Int J Cardiol* 2015;192:1-2. [Epub ahead of print]

- Linder KE, **Sobieraj DM**. MTM essentials for asthma management: part 1. *Drug Top* April 2015.
- Mearns E, **Sobieraj DM**, White CM, Saulsberry WJ, Kohn CG, Doleh Y, Zaccaro E, Coleman CI. Comparative efficacy and safety of antidiabetic drug regimens added to metformin monotherapy in patients with type 2 diabetes: a network meta-analysis. *PLoS One* 2015;10:e0125879.
- Nigro SC, **Sobieraj DM**. MTM essentials for asthma management: part 2. *Drug Top* May 2015.

Promotions

- Yvonne Mai: From Pharmacy Fellow in Pharmacoeconomics and Health Outcomes to Assistant Professor of Pharmacy Practice and APPE Regional Coordinator at University of the Pacific, Thomas J Long School of Pharmacy and Health Sciences
- Karen Smith: Associate Professor, Pharmacy Practice, Regis University School of Pharmacy
- Snyder ME: Associate Professor of Pharmacy Practice (with Tenure), Purdue University College of Pharmacy

Other Achievements

- Yvonne Mai: Research titled "Frequency and Severity of Medication-Related Problems Identified in Community-Dwelling Medicare Beneficiaries: Three Year Analyses of Mobile Clinic Data" was selected for podium presentation at American Public Health Association Conference 2015 in Chicago

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 968 members, a significant portion of whom are trainees (402 students; 69 residents/fellows).

Because student interest has continued to grow steadily each year, the Trainee Committee is currently working on expanding mentoring and networking opportunities. One of these initiatives is a new networking session that will be part of the PRN business meeting at the ACCP 2015 Global Conference on Clinical Pharmacy.

Several other PRN committee efforts are well under way. The 2015 Hematology/Oncology PRN focus session

was approved, and the Focus Session Committee will develop a session titled “Confronting the Global Epidemic of HPV and Associated Malignancies.” The discussions on the prevention and treatment of HPV-related cancers will be led by three renowned guest speakers: **Joel Palefsky**, M.D. (Professor of Medicine) from the Department of Infectious Diseases at the USCF School of Medicine; **Judith Smith**, Pharm.D., FCCP, FISOPP, BCOP, CPHQ (Associate Professor) from the Department of Obstetrics, Gynecology, and Reproductive Sciences at the University of Texas Medical School; and **Sarah Scarpace**, Pharm.D., MPH, BCOP (Associate Professor) from the Department of Pharmacy Practice at Albany College of Pharmacy.

The Hematology/Oncology PRN Paper Committee has completed and submitted a manuscript to *Pharmacotherapy* 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.

Promotions

- John Bossaer: Associate Professor in the Department of Pharmacy Practice at the Bill Gatton College of Pharmacy, East Tennessee State University
- LeAnn B. Norris: Associate Professor in the Department of Clinical Pharmacy and Outcomes Sciences at the South Carolina College of Pharmacy, University of South Carolina Campus

Grants

- Becky Fahrenbruch: American Society of Health-System Pharmacists (ASHP) Research and Education Foundation Pharmacy Residency Expansion Grant for the PGY2 Oncology Residency at the University of Minnesota
- Ninh (Irene) La-Beck: Awarded a \$453,173 NIH R15 grant from the National Cancer Institute titled “Abrogating Nanoparticle-Induced Immunosuppression in Tumor Microenvironment.” This project aims to understand mechanisms by which nanoparticle carriers diminish antitumor immunity and to develop strategies to abrogate these effects using modified nanoparticles. This work will be carried out primarily in the Department of Immunotherapeutics and Biotechnology at the Texas Tech University Health Sciences Center School of Pharmacy.
- Christine Walko: Coinvestigator (PK) on a recently awarded \$1,500,000 grant from the Kay Yow Cancer Fund/V Foundation titled “Personalizing

the Care of Older Women with Ovarian Cancer” (Extermann M, Principal Investigator; May 2015 – April 2016)

Awards

- Saeed Alzghari: TEVA Outstanding Student Award (TEVA Pharmaceuticals USA, Inc.) and the Glenda Lawson McRee Pharmacy Student Award (Texas Society of Health-System Pharmacists)
- Alexandre Chan: Multinational Association of Supportive Care in Cancer (MASCC) 2015 Steven M. Grunberg Memorial Award in recognition of scientific excellence, leadership and mentoring in the field of supportive care in cancer
- Dave Henry: Hematology/Oncology Pharmacy Association (HOPA) Award of Excellence 2015
- Lucas Okumura: Best Paper Award in the Student/Resident/Fellow category at the American College of Clinical Pharmacy 2015 Virtual Symposium. The research poster presented was as follows: Okumura L, Riveros B, da Silva M, Veroneze I. Cost-effectiveness of different strategies of antimicrobial stewardship programs.
- Shoshanna Robinson: Concord Pharmacy Scholarship and Dean’s List Scholarship recipient

Publications

- **Bossaer JB**. Addressing potential interactions between antineoplastics and dietary supplements. *Am J Health Syst Pharm* 2015;72:915-6.
- **Bossaer JB**, Chakraborty K. Drug interaction between idelalisib and diazepam resulting in altered mental status and respiratory failure. *J Oncol Pharm Pract*. Accepted for publication.
- **Bossaer JB**, Panus PC, Stewart DW, Hagemeyer N. Student performance in a pharmacotherapy oncology module before and after flipping the classroom. *Am J Pharm Ed*. Accepted for publication.
- Cheung YT, Ng T, Shwe M, Ho HK, Foo KM, Cham MT, Lee JA, Fan G, Tan YP, Yong WS, Madhukumar P, Loo SK, Ang SF, Wong M, Chay WY, Ooi WS, Dent RA, Yap YS, Ng R, **Chan A**. Association of proinflammatory cytokines and chemotherapy-associated cognitive impairment in breast cancer patients: a multi-centered, prospective, cohort study. *Ann Oncol* 2015;26:1446-51.
- Cheung YT, Ong YY, Ng T, Tan YP, Fan G, Chan CW, Molassiotis A, **Chan A**. Assessment of mental health literacy in patients with breast cancer. *J Oncol Pharm Pract* 2015 Jun 4. [Epub ahead of print]

- Langbecker D, Ekberg S, Yates P, **Chan A**, Chan RJ. What are the barriers of quality survivorship care for haematology cancer patients? Qualitative insights from cancer nurses. *J Cancer Surviv*. 2015 May 30. [Epub ahead of print]
- **Holle LM**, Puri S, Clement JM. Physician–pharmacist collaboration for oral chemotherapy monitoring: insights from an academic genitourinary oncology practice. *J Oncol Pharm Pract* 2015. [Epub ahead of print]
- Mar N, **Holle L**, Wasser JS, Hook K. Hepatitis screening and management before rituximab administration. *J Clin Oncol*. 2015;33 (suppl; abstr e17747).
- Pherwani N, Ghayad JM, **Holle LM**, Karpiuk E. Outpatient treatment of febrile neutropenia in cancer patients: risk stratification and treatment review. *Am J. Health Syst Pharm* 2015;72:619-31.
- **La-Beck NM**, Jean GW, Huynh C, Alzghari SK, Lowe DB. Immune checkpoint inhibitors: new insights and current place in cancer therapy. *Pharmacotherapy*. Accepted for publication.
- Gabizon AA and **La-Beck NM**. Optimizing nanoparticle delivery of chemotherapeutics. In: *Cancer Nanotechnology Plan 2015*. National Cancer Institute. [Available Fall 2015, www.nano.cancer.gov]
- Golan T, Grenader T, Ohana P, Amitay Y, Shmeeda H, **La-Beck NM**, Tahover E, Berger R, Gabizon AA. Pegylated liposomal mitomycin-C prodrug enhances tolerance of mitomycin C: a phase 1 study in advanced solid tumor patients. *Cancer Med* 2015 Jul 14. [Epub ahead of print]
- Rajan R, Sabnani M, Karbowniczek M, Astrinidis A, **La-Beck NM**. Quantifying autophagosomes and autolysosomes in cells using imaging flow cytometry. *Cytometry A* 2015;87:451-8.
- Chhatwal J, **Mathisen M**, Kantarjian H. Are high drug prices for hematologic malignancies justified? A critical analysis. *Cancer* 2015 June 23. [Epub ahead of print]
- Kantarjian H, **Mathisen MS**, Lipton JH. Having skin in the game and allowing cross-border importation of drugs to lower high prices of cancer drugs. *JAMA Oncol* 2015 July 2. [Epub ahead of print]
- Wang E, Farmakiotis D, Yang D, McCue DA, Kantarjian HM, Kontoyiannis DP, **Mathisen MS**. The ever-evolving landscape of candidaemia in patients with acute leukemia: non-susceptibility to caspofungin and multidrug resistance are associated with increased mortality. *J Antimicrob Chemother* 2015;70:2362-8.
- **Norris LB**. Benign prostatic hyperplasia and prostate cancer. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program, 2015 Book 2. Women’s and Men’s Care*. Lenexa, KS: American College of Clinical Pharmacy, 2015:163-84.
- **Okumura LM**, Antunes VDC, Aguiar KS, Farias TF, Andrzejewski VMS, Funke VM. Tyrosine kinase inhibitors in patients with chronic myelogenous leukemia: defining the role of social risk factors and non-adherence to treatment. *Pharmacy Practice (Granada. Internet)* 2015;13:1-7.
- **Pherwani N**, Ghayad JM, Holle LM, Karpiuk EL. Outpatient management of febrile neutropenia associated with cancer chemotherapy: risk stratification and treatment review. *Am J Health Syst Pharm* 2015;72:619-31.
- **Saunders IM**, Lahoti A, Chemaly RF, et al. Topical cidofovir–induced acute kidney injury in two severely immunocompromised patients with refractory multidrug-resistant herpes simplex virus infections. *J Oncol Pharm Pract* 2014;0:1-7.
- Saliba RM, Rezvani K, Leen A, ... **Saunders IM**, Bollard CM, Shpall EJ. General and virus-specific immune cell reconstitution following double cord blood transplantation. *Biol Blood Marrow Transplant* 2015;21:1284-90.
- Do T, Niravath P, **Trivedi MV**. The risk of febrile neutropenia and need for G-CSF primary prophylaxis with the docetaxel and cyclophosphamide regimen in early-stage breast cancer patients: a meta-analysis. *Breast Cancer Res Treat*. Accepted.
- Giuliano M, Herrera S, Christiny P, Shaw C, Creighton CJ, Mitchell T, Bhat R, Zhang X, Mao S, Dobrolecki LE, Al-rawi A, Chen F, Veneziani BM, Zhang XH, Hilsenbeck SG, Contreras A, Gutierrez C, Jeselsohn RM, Rimawi MF, Osborne CK, Lewis MT, Schiff R, **Trivedi MV**. Circulating and disseminated tumor cells from breast cancer patient-derived xenograft-bearing mice as a novel model to study metastasis. *Breast Cancer Res* 2015;17:3.
- Giuliano M, Wang YC, Gutierrez C, Rimawi MF, Chang JC, Wang T, Hilsenbeck SG, **Trivedi MV**, Chamness GC, Osborne CK, Schiff R. Upregulation of estrogen receptor signaling in HER2-positive breast cancer patients treated with neoadjuvant lapatinib: a translational study. *Clin Cancer Res*. In press.
- Nardone A, De Angelis C, **Trivedi MV**, Osborne CK, Schiff R. The changing role of ER in endocrine resistance. *Breast*. In press.
- Hertz DL, Snavely AC, McLeod HL, **Walko CM**, Ibrahim JG, Anderson S, Weck KE, Magrinat G, Olajide O, Moore S, Raab R, Carrizosa DR, Corso S, Schwartz G, Peppercorn JM, Evans JP, Jones DR, Desta Z, Flockhart DA, Carey LA, Irvin WJ

Jr. In vivo assessment of the metabolic activity of CYP2D6 diplotypes and alleles. *Br J Clin Pharmacol* 2015 Apr 24. [Epub ahead of print]

- Shea T, **Walko C**, Chung Y, Ivanova A, Sheets J, Rao K, Gabriel D, Comeau T, Wood W, Coghill J, Armistead P, Sarantopoulos S, Serody J. Phase I/II trial of dose escalated busulfan delivered by prolonged continuous infusion in allogeneic transplant patients. *Biol Blood Marrow Transplant* 2015 Jul 22. [Epub ahead of print]

Invited Talks

- **Christine Walko**. Using multidisciplinary tumor board to augment the value of cancer sequencing. American Society of Clinical Oncology Annual Meeting; May 2015; Chicago, IL.

New ACCP Fellows

- David DeRemer

Other Notable Achievements

- Saeed K. Alzghari: Began an oncology-focused PGY1 Pharmacy Practice Residency at Baylor Scott & White, Temple, Texas
- Deborah A. Hass: Accepted a new position as an Oncology Pharmacist at Mt. Auburn Hospital, Cambridge, Massachusetts
- Scott Mosley: Began a fellowship with the Center for Pharmacogenomics at the University of Florida in Gainesville under the direction of Larisa Cavallari, Pharm.D., FCCP, BCPS.
- Fitri Yani: Now working as a Clinical Oncology Pharmacist at Banda Aceh, Indonesia

HIV PRN

The HIV PRN completed its inaugural year with more than 200 trainees and members with an interest in providing HIV services and sharing resources. Members of this PRN are encouraged to come together to share their diverse clinical practices, research, education, and training experiences in order to network with other members. As a new PRN, we hope to continue to recruit new trainees and members as well as expand education and networking opportunities.

The HIV PRN has been hard at work preparing for the ACCP Global Conference on Clinical Pharmacy. Our focus session will take a look at "HIV Across the Ages." This session will focus on perinatal, pediatric, and elderly management of HIV.

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

Promotions

- Agnes Cha: Associate Professor of Pharmacy Practice; Long Island University; Arnold & Marie Schwartz College of Pharmacy & Health Sciences

Awards

- Agnes Cha: New York State Council of Health-System Pharmacists (NYSCHP) Research and Education Foundation Infectious Diseases Research Award

Publications

- Ahmad I, Zhao X, Parameswaran S, **Destache CJ**, Rodriguez-Sierra J, Thoreson WB, Ahmad H, Sorrentino J, Balasubramanian S. [Direct differentiation of adult ocular progenitors into striatal dopaminergic neurons](#). *Int J Stem Cells* 2015;8:106-14.
- Au TH, **Destache CJ**, Vivekanandan R. [Hepatitis C therapy: looking toward interferon-sparing regimens](#). *J Am Pharm Assoc* (2003). 2015;55:e72-84; quiz e85-6.
- **Badowski M**. Infections in patients with malignancies. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2015 Book 1. Infectious Diseases*. Lenexa, KS: American College of Clinical Pharmacy, 2015:143-61.
- **Badowski M**, Patel M. Syphilis. In: Domino F, ed. *The 5-Minute Clinical Consult 2015, 23rd ed.* (print, website, mobile). Philadelphia: Lippincott, Williams, & Wilkins, 2015.
- Cope R, Berkowitz L, Arcebedo R, Yeh JY, Trustman N, **Cha A**. Evaluating the effects on an interdisciplinary practice model with pharmacist collaboration on HIV patient co-morbidities. *AIDS Patient Care STDS* 2015;29:445-53.
- **Chiampas TD**, Kim H, **Badowski M**. [Evaluation of the occurrence and type of antiretroviral and opportunistic infection medication errors within the inpatient setting](#). *Pharm Pract (Granada)* 2015;13:512.
- Date AA, Shibata A, Bruck P, **Destache CJ**. [Development and validation of a simple and isocratic reversed-phase HPLC method for the determination of rilpivirine from tablets, nanoparticles and HeLa cell lysates](#). *Biomed Chromatogr* 2015;29:709-15.
- Kovarova M, Council OD, Date AA, Long J, Nochii T, Belshan M, Shibata A, Vincent H, Baker CE, Thayer WO, Kraus G, Lachaud-Durand S, Williams P, **Destache CJ**, Garcia JV. Nanoformulations of rilpivirine for topical pericoital and systemic coital-independent administration efficiently prevent HIV transmission. *PLoS Pathogen* 2015.

- Li Q, Tso FY, Kang G, Fan W, Lu W, Li Y, Yuan Z, **Destache CJ**, Wood C. Early antiretroviral therapy prevents the establishment of HIV-1 infection in humanized-BLT mice. *JAIDS* 2015;69:519-27.
- Mandal S, Zhou Y, Shibata A, **Destache CJ**. [Confocal fluorescence microscopy: an ultra-sensitive tool used to evaluate intracellular antiretroviral nano-drug delivery in HeLa cells](#). *AIP Adv* 2015;5:084803.
- **Miller MM, Liedtke MD**, Lockhart SM, **Rathbun RC**. The role of dolutegravir in the management of HIV infection. Pineda LJ, Mercier RC, **Dilworth T**, landiorio M, Rankin S, **Jakeman B**. Evaluating community pharmacists' HIV testing knowledge: a cross-sectional survey. *J Am Pharm Assoc* (2003). 2015;55:424-8.
- Wang T, Hoag SW, Eng ML, Polli J, **Pandit NS**. [Quality of antiretroviral and opportunistic infection medications dispensed from developing countries and Internet pharmacies](#). *J Clin Pharm Ther* 2015;40:68-75.
- Tesh LD, Shaeer KM, Cho JC, Estrada SJ, Huang V, Bland CM, Paul DiMondi V, Potter AN, Hussein G, Brandon Bookstaver P. *Neisseria gonorrhoeae* and fosfomycin: past, present and future. [Int J Antimicrob Agents](#) 2015 Jun 19.

Poster Presentations

- Merker A, **Badowski M, Perez S**, Vu B, Vaughn P, Young J, Shicker L, Patel M. Evaluation of safety and efficacy of first-line antiretroviral single tablet regimens (STR) in the correctional setting: is one tablet once daily the best option? European Society of Clinical Microbiology and Infectious Diseases Annual Meeting; April 26, 2015; Copenhagen, Denmark. P0535.
- Patel M, **Badowski M**, Shicker L, Vaughn P, Young J. Efficacy and safety of an efavirenz-containing regimen in the management of human immunodeficiency virus (HIV) in a psychiatric prison population. European Society of Clinical Microbiology and Infectious Diseases Annual Meeting; April 26, 2015; Copenhagen, Denmark. P0570.
- Del Bello D, Bichoupan K, Levine C, **Cha A**, Perlman D, Salomon NH, Kotler D, Fierer DS, Dieterich DT, Branch AD. Real-world data on HIV-positive patients with HCV treated with sofosbuvir and/or simeprevir. Conference of Retroviruses and Opportunistic Infections; Seattle WA.

Immunology/Transplantation PRN

Publications

- **Dick TB**, Lindberg LS, Ramirez DD, Charlton MR. A clinician's guide to drug-drug interactions with direct

acting antiviral agents for the treatment of hepatitis C virus infection. *Hepatology* 2015 May 29. [Epub ahead of print]

- **Gabardi S**, Asipenko N, **Fleming J**, et al. Evaluation of low- versus high-dose valganciclovir for prevention of cytomegalovirus disease in high-risk renal transplant recipients. *Transplantation* 2015.
- **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* 2015;72:781-93.
- Pennington CA, **Park JM**. Sublingual tacrolimus as an alternative to oral administration for solid organ transplant recipients. *Am J Health Syst Pharm* 2015;72:277-84.
- Connelly J, **Pilch N**, Oliver M, Jordan C, **Fleming J**, et al. Prediction of medication non-adherence and associated outcomes in pediatric kidney transplant recipients. *Pediatr Transplant* 2015;19:555-62.
- **Rendulic T**, Ramon DS, Killen PD, Samaniego-Picota M, **Park JM**. Chapter 22. Beyond criteria and definitions: outcomes of a standardized antibody-mediated rejection protocol with a diagnostic schema different from the Banff 2009 criteria. In: Everly MJ, Terasaki PI, eds. *Clinical Transplants 2014*. Los Angeles: Terasaki Foundation Laboratory, 2015:179-87.
- Wang XX, Feng MR, Nguyen H, Smith DE, Cibrik DM, **Park JM**. Population pharmacokinetics of mycophenolic acid in lung transplant recipients with and without cystic fibrosis. *Eur J Clin Pharmacol* 2015;71:673-9.
- **Taber DJ, Pilch NA, Trofe-Clark J, Kaiser TE**. A national survey assessing the current workforce of transplant pharmacists across accredited U.S. solid organ transplant programs. *Am J Transplant* 2015 May 18. [Epub ahead of print]
- **Trofe-Clark J, Kaiser TK, Pilch N, Taber D**. Value of solid organ transplant-trained pharmacists in transplant infectious diseases. *Curr Infect Dis Rep* 2015;17:475.
- Stevens DR, Sawinski D, Blumberg E, Bloom RD, **Trofe-Clark J**. Response to: Lower-dose valganciclovir for prevention of cytomegalovirus after solid organ transplant: an important tradeoff. *Transplant Infect Dis* 2015 Apr 28. [Epub ahead of print]

Presentations

- **Boyle K, Fleming JN, Taber D**, et.al. Mycophenolate dose reductions contribute to suboptimal graft outcomes in kidney transplant recipients. Poster

presentation. American Transplant Congress; May 5, 2015; Philadelphia, PA.

- **Casale J, Fleming JN, Taber D**, et.al. Induction with interleukin-2 receptor antagonist in sensitized adult kidney transplant recipients is highly effective and safe. Poster presentation. American Transplant Congress; May 2, 2015; Philadelphia, PA.
- **Casale J, Fleming JN, Taber D**, et.al. Effectiveness of protocol-driven induction therapy in adult kidney transplant recipients. Oral presentation. American Transplant Congress; May 4, 2015; Philadelphia, PA.
- Travis Dick: Management case study: are you getting the most value from your decentralized staffing model? Midyear Clinical Meeting; 2015; New Orleans, LA.
- **Fleming JN, Taber D, Pilch N**, et.al. mTOR-based CNI minimization vs. withdrawal in African American kidney transplant recipients. Poster presentation. American Transplant Congress; May 5, 2015; Philadelphia, PA.
- **Fleming JN, Taber D, Pilch N**, et.al. Maximizing peri-operative value-based care in kidney transplant induction. Poster presentation. American Transplant Congress; May 2, 2015; Philadelphia, PA.
- Covert K, **Fleming JN, Taber D**, et.al. Patient and process-level factors associated with kidney transplant readmissions. Oral presentation. American Transplant Congress; May 4, 2015; Philadelphia, PA.
- Reese PR, 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. Accepted as a poster presentation at: American Transplant Congress Meeting; May 2015; Philadelphia, PA. Awarded as a Poster of Distinction.
- Jennifer Trofe-Clark: Invited presenter for Immunology/Transplantation PRN Focus Session: Novel Approaches to Immunomodulation: The future of immunosuppression is now! American College of Clinical Pharmacy Global Conference on Pharmacy; October 2015; San Francisco, CA.
- Trofe-Clark J, Brennan D, West-Thielke P, Milone MC, Lim MA, Bloom RD. 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. Accepted as a poster presentation at: American Transplant Congress Meeting; May 2015; Philadelphia, PA.

- 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). Accepted as a poster presentation at: American Transplant Congress Meeting; May 2015; Philadelphia, PA. Awarded as a Poster of Distinction.
- 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) quality of life and adherence. Accepted as a brief oral presentation at: 17th Congress of the European Society for Organ Transplantation; September 2015; Brussels, Belgium.
- Trofe-Clark J, Brennan D, West-Thielke P, Milone MC, Lim MA, Bloom RD. PK and pharmacogenomics of once-daily-Meltdose® tacrolimus (Envarsus® XR) vs twice-daily tacrolimus: a randomized cross-over study in stable African American kidney transplant patients (ASERTAA). Accepted as a brief oral presentation at: 17th Congress of the European Society for Organ Transplantation; September 2015; Brussels, Belgium.

Awards

- Jennifer Trofe-Clark: Fellow of American Society of Transplantation

Appointments

- James Fleming: Journal Editorial Board – Clinical Transplantation

Infectious Diseases PRN

Introduction

The Infectious Diseases PRN (ID-PRN) continues to grow, with more than 2300 members, including 843 trainees. The ID-PRN has four active committees (Programming, Nominations, Awards, and Publications), which 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 is excited to offer three awards this year: a Clinical Practice Award, a Distinguished Investigator Award, and Distinguished Research Trainee Travel Awards (two student awardees and two resident/fellow awardees) that will be announced before the Global Conference. The ID-PRN provided

partial tuition scholarships to three of its members (Ivy Ge, Merlin Punnoose, and Young Lee) to attend the Mentored Research Investigator Training (MeRIT) program.

Two ID-PRN members were elected Fellows of ACCP, and they will be honored during the Global Conference in San Francisco, California. The ID-PRN congratulates:

Kerry LaPlante, Providence, RI
R. Chris Rathbun, Oklahoma City, OK

Promotions

- Brandon Dionne: Completed PGY2 Pharmacy Residency in Infectious Diseases and started new position as Assistant Professor at Midwestern University College of Pharmacy – Glendale
- Chris Frei: Program Director, Translational Science Ph.D. Program, The University of Texas at Austin, The University of Texas Health Science Center, The University of Texas San Antonio, and The University of Texas School of Public Health San Antonio Regional Campus
- Kayla Stover: Tenured and Promoted to Associate Professor of Pharmacy Practice, University of Mississippi School of Pharmacy, Jackson, MS

Awards

- Chris Frei: P3 Class Teaching Excellence Award, College of Pharmacy, The University of Texas at Austin
- Chris Frei: Outstanding Faculty Member of the Year, Phi Lambda Sigma, College of Pharmacy, The University of Texas at Austin
- Ivy Ge: 2015 Mentored Research Investigator Training (MeRIT) Program ID-PRN Scholarship recipient
- Michael Klepser: Ferris State University Academic Scholar Award
- Michael Klepser: American College of Clinical Pharmacy Clinical Practice Award
- Michael Klepser: Excellence in Innovation Award. Michigan Pharmacists Association
- Young Lee: 2015 Mentored Research Investigator Training (MeRIT) Program ID-PRN Scholarship recipient
- Lucas Okumura: Best Paper, Student, Resident or Fellow Award, American College of Clinical Pharmacy (2015 Virtual Symposium)
- Merlin Punnoose: 2015 Mentored Research Investigator Training (MeRIT) Program ID-PRN Scholarship recipient

- Velliur Viswesh: Teacher of the Year Award (Infectious Diseases Pharmacotherapy), California Northstate University College of Pharmacy

Grants

- Chris Destache: Long-acting antiretroviral nanoparticles for HIV prophylaxis. National Institute of Allergy and Infectious Diseases (NIAID) R01AI117740-01 \$2,157,930. 2015–2019
- Michael Klepser: Implementation and evaluation of a community pharmacy-based pharmacist-physician collaborative hepatitis C screening program with linkage to care. National Association of Chain Drug Stores Foundation. \$25,000.00. December 2014
- Michael Klepser: Implementation and evaluation of an innovative community pharmacy-based HIV and HCV screening program and linkage to care. National Association of Chain Drug Stores Foundation. \$500,000. (Donald G. Klepser, Ph.D., Principal Investigator.) July 2015

Publications

- **Aitken SL**, Alam MJ, Khaleduzzaman M, Walk ST, Musick WL, Pham VP, Christensen J, Atmar RL, Xie Y, Garey KW. In the endemic setting, *Clostridium difficile* ribotype 027 is virulent but not hypervirulent. *Infect Control Hosp Epidemiol*. Accepted June 18, 2015. In press.
- **Aitken SL**, Altshuler J, Guervil DJ, Hirsch EB, Ostrosky-Zeichner LL, 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;45:541-4.
- **Aitken SL**, Tichy EM. Clinical use of rhesus immune globulin products to prevent alloimmunization during pregnancy: a primer for the health-systems pharmacist [review]. *Am J Health Syst Pharm* 2015;72:267-76.
- Argamany JR, **Aitken SL**, Lee GC, Boyd NK, Reveles KR. Regional and seasonal variation in *Clostridium difficile* infections among hospitalized patients in the United States, 2001 to 2010. *Am J Infect Control* 2015;43:435-40.
- 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;349:316-20.
- Pham VP, Luce AM, Ruppelt SC, Wei W, **Aitken SL**, Musick WL, Roux R, Garey KW. Age-stratified

treatment response rates in hospitalized patients with *Clostridium difficile* infection treated with metronidazole. Antimicrob Agents Chemother. [Epub ahead of print]

- Phe K, Cadle RM, Guervil DJ, Guzman OE, Lockwood AM, Perez KK, Vuong NN, **Aitken SL**. Significant publications on infectious diseases pharmacotherapy in 2014 (review). Am J Health Syst Pharm. In press.
- **Bland CM, Bookstaver PB**. Double gram-positive coverage for acute bacterial skin and skin structure infections: has the eagle landed? Clin Infect Dis 2015 Jun 16.
- Bookstaver DA, **Bland CM**, Arroyo MA. Evaluation of cefazolin as a surrogate marker for cefpodoxime susceptibility for urinary tract isolates. J Med Microbiol 2015.
- **Cho JC, Sharma RS**, Sutton DA, Wiederhold NP, Sanders C, Wickes BL, **Estrada SJ**. Fungal arthritis secondary to Colletotrichum gloeosporioides. JMM Case Rep 2015.
- **Cho JC**, Fiorenza MA, **Estrada SJ**. Ceftolozane/tazobactam: a novel cephalosporin/ β -lactamase inhibitor combination. Pharmacotherapy 2015;35:701-15.
- Tesh LD, Shaer KM, **Cho JC, Estrada SJ**, Huang V, **Bland CM**, Dimondi VP, Potter A, Hussein G, **Bookstaver PB**. *Neisseria gonorrhoeae* and fosfomycin: past, present, and future. Int J Antimicrob Agents 2015 Jun 19.
- Moise PA, Sakoulas G, McKinnell JA, Lamp KC, **DePestel DD**, Yoon MJ, Reyes K, Zervos MJ. Clinical outcomes of daptomycin for vancomycin-resistant *Enterococcus* bacteremia. Clin Ther 2015 May 14.
- Pettit NN, **DePestel DD**, Fohl AL, Eyer R, Carver PL. Risk factors for systemic vancomycin exposure following administration of oral vancomycin for the treatment of *Clostridium difficile* infection. Pharmacotherapy 2015;35:119-26.
- Li Q, Tso FY, Kang G, Fan W, Lu W, Li Y, Yuan Z, **Destache CJ**, Wood C. Early antiretroviral therapy prevents the establishment of HIV-1 infection in humanized-BLT mice. JAIDS 2015;69:519-27.
- Mandal S, Zhou Y, Shibata A, **Destache CJ**. Confocal fluorescence microscopy: an ultra-sensitive tool used to evaluate intracellular antiretroviral nano-drug delivery in HeLa cells. AIP Advances. 2015;8. <http://dx.doi.org/10.1063/1.4926584>.
- **Dionne B**, Neff L, Lee SA, Sutton DA, Wiederhold NP, Lindner J, Fan H, Jakeman B. Pulmonary fungal infection caused by *Neoscytalidium dimidiatum*. J Clin Microbiol. 2015;53:2381-84.
- Ali SK, Reveles KR, Davis R, Mortensen EM, **Frei CR**, Mansi I. The association of statin use and gonado-sexual function in women: a retrospective cohort analysis. J Sex Med 2015;12:83-92.
- Badillo R, Schmidt R, Mortensen EM, **Frei CR**, Mansi I. Statin therapy and gastrointestinal hemorrhage: a retrospective cohort study with propensity score-matching. Pharmacoepidemiol Drug Saf 2015;24:849-57.
- Davis R, Reveles KR, Ali SK, Mortensen EM, **Frei CR**, Mansi I. Statins and male sexual health: a retrospective cohort analysis. J Sex Med 2015;12:158-67.
- Khalil D, Boktor M, Mortensen EM, **Frei CR**, Mansi I. Comparison of frequency of inflammatory bowel disease and noninfectious gastroenteritis among statin users versus nonusers. Am J Cardiol 2015;115:1396-401.
- Mansi I, **Frei CR**, Wang CP, Mortensen EM. Statins and new-onset diabetes mellitus and diabetic complications: a retrospective cohort study of US healthy adults. J Gen Intern Med 2015.
- Walk ME, Mehta A, Katipally B, **Frei CR**, Du LC. Integrating a physical therapist into the urgent care team: an administrative case study of a collaborative, seamless, and cost-effective care pathway for neuromusculoskeletal problems. Phys Ther J Pol Admin Leadership 2015;15:J1-J13.
- Kitazono H, Rog D, **Grim SA**, Clark NM, Reid GE. *Acinetobacter baumannii* infection in solid organ transplant recipients. Clin Transplant 2015;29:227-32.
- Barber KE, **King ST, Stover KR**, Pogue JM. Therapeutic options for vancomycin-resistant enterococcal bacteremia. Expert Rev Anti Infect Ther 2015;13:363-77.
- **Klepser ME**, Adams AJ, Klepser DG. Antimicrobial stewardship in outpatient settings: leveraging innovative physician-pharmacist collaborations to reduce antibiotic resistance. Health Secur 2015;13:166-73.
- Akinwale TP, Adams AJ, Dering-Anderson AM, **Klepser ME**. Pharmacy-based point-of-care testing for infectious diseases: considerations for the pharmacy curriculum. Curr Pharm Teach Learn 2015;7:131-6.
- Darin KM, **Klepser ME**, Klepser DG, Klepser SA, Reeves A, Young M, Scarsi KK. Pharmacist-provided rapid HIV testing in two community pharmacies. J Am Pharm Assoc 2015;55:81-8.

- Duanis D, **Klepser ME**, Ogrin BJ. Assessment of pharmacy students' and licensed pharmacists' perceived knowledge, application, and interpretation regarding rapid diagnostic tests (RDTs) for infectious diseases. *Curr Pharm Teach Learn* 2015;7:100-5.
- Huang V, **Klepser ME**, Gubbins PO, Bergman SJ, Chahine EB, Halilovic J, Hidayat LK, Matthias KR, Tesh LD. Quantification of curricular content devoted to point-of-care testing for infectious diseases in schools and colleges of pharmacy in the United States. *Pharm Ed* 2015;15:1-6.
- Klepser DG, Corn CE, Dering-Anderson AM, Schmidt M, **Klepser ME**. Healthcare resource utilization and costs for influenza-like illness among Midwestern health plan members. *J Manag Care Spec Pharm* 2015;21:568-73.
- **Labreche MJ**, Graber CJ, Nguyen HM. Recent updates on the role of pharmacokinetics-pharmacodynamics in antimicrobial susceptibility testing as applied to clinical practice. *Clin Infect Dis* 2015 June. [Epub ahead of print]
- Reveles KR, Juday TR, **Labreche MJ**, et al. Comparative value of four measures of retention in expert care in predicting clinical outcomes and health care utilization in HIV patients. *PLoS One* 2015;10:e0120953.
- Reveles KR, Juday TR, **Labreche MJ**, Mortensent EM, Koeller JM, Seekins D, Oramasionwu SU, Bollinger M, Copeland LA, Jones X, Frei CR. Comparative value of four measures of retention in expert care in predicting clinical outcomes and health care utilization in HIV patients. *PLoS One* 2015;10:e0120953.
- **Lee GC**, Long SW, Musser JM, et al. Comparative whole genome sequencing of community-associated methicillin-resistant *Staphylococcus aureus* sequence type 8 from primary care clinics in a Texas community. *Pharmacotherapy* 2015;35:220-8.
- **Okumura LM**, Gomes-Da-Silva M, Veroneze I. Effects of a bundled antimicrobial stewardship program on mortality: a cohort study. *Braz J Infect Dis* 2015;19:246-52.
- Guarascio AJ, **Slain D**. Review of the new delayed-release oral tablet and intravenous dosage forms of posaconazole. *Pharmacotherapy* 2015;35:208-19.
- Turner RB, **Slain D**, Petros K, Keller LA, Sarwari AR. Clinical outcomes following hospital-wide implementation of prolonged-infusion cefepime and ceftazidime. *Int J Antimicrob Agents* 2015;46:129-30.
- **Stover KR, Cleary JD**. Cardiac response to centrally administered echinocandin antifungals. *J Pharm Pharmacol* 2015;67:1279-83.
- **Stover KR, Cleary JD**. The eagle-like effect of the echinocandins: is it relevant for clinical decisions? *Curr Fung Infect Rep* 2015;9:88-93.
- Chastain DB, Henderson H, **Stover KR**. Antiretroviral-associated cardiovascular disease. *Open AIDS J* 2015;9:23-37.
- **Viswesh V**, Yost SE, Kaplan B. The prevalence and implications of BK virus replication in non-renal solid organ transplant recipients: a systematic review. *Transplant Rev* 2015;29:175-80.

New ACCP Fellows

- Kerry LaPlante
- R. Chris Rathbun

Other Notable Achievements

- Chris Bland: Fellow of the Infectious Diseases Society of America (IDSA). Fellowship in IDSA honors those who have achieved professional excellence and provided significant service to the profession.
- Brandon Bookstaver: Named to the South Carolina Governor's Committee for Pharmacist Immunization Expansion
- Jason Gallagher: Fellow of the Infectious Diseases Society of America (IDSA). Fellowship in IDSA honors those who have achieved professional excellence and provided significant service to the profession.
- Michael Klepser: Co-developer of "Community Pharmacy-Based Point-of-Care Testing Certificate Program." The program was recently acquired by NACDS. Since May, more than 600 pharmacists have gone through the certificate program, and around 400 have become trained trainers.
- Kristi Kuper: Invited attendee at the White House's Forum on Antibiotic Stewardship, held in Washington, D.C., on June 2. The event brought together key representatives from the public and private sector to discuss the role of antimicrobial stewardship in reducing the national and global threat of antibiotic resistance.
- Tim Pasquale: Fellow of the Infectious Diseases Society of America (IDSA). Fellowship in IDSA honors those who have achieved professional excellence and provided significant service to the profession.

Nephrology PRN

Introduction

The Nephrology PRN Programming Committee has planned an excellent session for the 2015 Global Conference on Clinical Pharmacy on "Treatment of Kidney Disease in Special Populations" to be held Monday, October 19, 1:30 pm. – 3:00 p.m. Our business meeting and networking forum will be held the evening of Tuesday, October 20. We continue to stay active in the Kidney Health Initiative through the American Society of Nephrology and recently submitted a recommendation of Dr. Wendy St. Peter for appointment to the Board of Directors. Several PRN members were also able to gather and network at the National Kidney Foundation Spring Clinical Meetings in addition to doing several posters and platform presentations.

Promotions

- Melanie S. Joy: Associate Professor with Tenure at University of Colorado Anschutz Medical Campus Skaggs School of Pharmacy and Pharmaceutical Sciences

Awards

- Ifeanyi Onor: 2015 AACP Walmart Scholars Program Faculty Mentor
- Nicole M. Wegrzyn: Runner-up for Teacher of the Year for AY 2014–15 at Pacific University Oregon School of Pharmacy

Grants

- El-Masri M, **El Nekidy W**, Kadri A. A randomized double-blind controlled study to compare the effectiveness of 1.0 versus 2.0 mg alteplase (tPA) dosing in restoring hemodialysis catheter function. The Kidney Foundation of Canada. (\$91,960) Co-principal investigator – 2014–2016. <https://clinicaltrials.gov/ct2/show/NCT02225782>
- **St. Peter W**. Kam-Chen research grant for \$70,000 for "Refining Population Management Criteria to Optimize Return on Investment of Medication Management Services in Care Transitions"

Publications

- Malkinska M, **El Nekidy W**, El-Masri M, Kadri A, Donaldson C, Soong D. Traditional versus once weekly intravenous iron therapy in hemodialysis patients. Poster Presentation. 2014 Canadian Society of Nephrology Annual General Meeting. Vancouver, British Columbia, Canada.

- **Nyman HA**. Renal dosing in high-risk populations. *J Infus Nurs* 2015;38:210-5.
- Okogbaa JI, **Onor IO**, Arije OA, Harris MB, Lillis RA. Phenytoin-induced purple glove syndrome: a case report and review of the literature. *Hosp Pharm* 2015;50:391-5.

Other Notable Achievements

- Lori Wazny: Appointed to the board of the Canadian Society of Hospital Pharmacists Research and Education Foundation for a 3-year term
- Nicole M. Wegrzyn: Offered a position as PGY2 Nephrology Resident with Albany College of Pharmacy and Health Sciences

Pain and Palliative Care PRN

Introduction

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

Promotions

- Jayne Pawasauskas: Clinical Professor at the University of Rhode Island College of Pharmacy

Publications

- Rennick A, Atkinson TJ, **Cimino NM**, Strassels SA, **McPherson ML**, **Fudin J**. Variability in opioid equivalence calculations. *Pain Med* 2015. In press.
- **DiScala SL**, Lese M. Chronic pain. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2015 Book 2. CNS/Pharmacy Practice*. Lenexa, KS: American College of Clinical Pharmacy, 2015:99-124.
- **Fudin J**. New Naloxone Technologies to Reduce Opioid Overdose Fatalities in Medscape. July 31, 2015. Available at www.medscape.org/viewarticle/844947. Accessed August 3, 2015.
- **Fudin J**. The economics of opioids: abuse, REMS, and treatment benefits. Part 3 of Continuing education module – Use of Opioid Analgesics in Managed Care Practice: Challenges, Controversies, REMS, and Optimizing Patient Management for your review. August 2015;21:S165-S196.
- **Fudin J**. Hydrocodone metabolism [letter to the editor]. *Pract Pain Manage* 2014;14:12-4.
- **Fudin J**, Kominek C. Naloxegol descheduled. *Pract Pain Manage* 2015.

- Ahmed N, Horlacher RJ, Pham T, **Fudin J**. Adrenergic agonists and sympatholytic agents in the prevention or treatment of opioid withdrawal. *Pract Pain Manage* 2015;15(6). In press.
- Atkinson TJ, **Fudin J**, Pham TC. Combined fentanyl and methadone induced serotonin syndrome is called into question [letter to the editor]. *Pharmacotherapy* 2015;35:e111-e113.
- Gudin J, Laitman A, **Fudin J**, Kominek C. Combating opioid-induced constipation: new and emerging therapies. *Pract Pain Manage* 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* 2015 Jan 23. Early release.
- Linares OA, **Fudin J**, Daly-Linares A, Schiesser WE, Boston RC. Methadone recycling sustains drug reservoir in tissue. *J Pain Palliat Care Pharmacother* 2015. In press.
- Linares OA, **Fudin J**, Schiesser WE, Daly-Linares AL, Boston RC. CYP2D6 phenotype-specific codeine population pharmacokinetics. *J Pain Palliat Care Pharmacother* 2015; early online: 1-12.
- Linares O, Michel T, **Fudin J**, Boston RC, Daly AM. Integrating clinical pharmacokinetics, pharmacogenetics, and quantitative cytochrome P450 polymorphic gene drug-drug interactions (DDIs). *Pain Physician* 2015;18:E439-E446.
- Linares OA, Schiesser WE, **Fudin J**, Pham TC, Bettinger JJ, Mathew RO, Daly-Linares A. In silico ordinary differential equation/partial differential equation hemodialysis model estimates methadone removal during dialysis. *J Pain Res* 2015;8:417-29.
- Pham TC, **Fudin J**, Desai AP, Faxon JL. Neuropathy in HIV patients: pain concerns. *Pract Pain Manage* 2015;15:41-7.
- Pham TC, **Fudin J**, Raffa RB. Is levorphanol a better option than methadone? *Pain Med* 2015. In press.
- Tennant F, Guess S, Gudin J, **Fudin J**. Rationale for medical management. *Pract Pain Manage* 2015;15:36-44.
- Dispennette RS, **Hall LA**, Elliott DP. Activities of palliative care and pain management clinical pharmacists. *Am J Health Syst Pharm* 2015;72:999-1000.
- Matson KL, **Pawasauskas J**, Procopio F. Reported behaviors of prescription drug misuse and

medication safety among students attending a Rhode Island university. *R I Med* 2015;98:37-40.

- **Pruskowski J**, Arnold RM. Pregabalin in palliative care #288. *J Palliat Med* 2015;18:299-300.
- **Pruskowski J**, Arnold RM. A comparison of pregabalin and gabapentin in palliative care #289. *J Palliat Med* 2015;18:386-7.
- **Pruskowski J**, Arnold RM. Tramadol in palliative care #290. *J Palliat Med* 2015;18:461-2.
- Ventura MM, Brittain K, **Pruskowski J**, Hogan D, Walker T. Development of an age-dependent antibiogram in a veterans affairs community. *J Am Geriatr Soc* 2015;63:186-8.
- Afrane M, **Sera L**, Holmes HH, **McPherson ML**. Commonly prescribed medications among patients in hospice care for chronic obstructive pulmonary disease. *Am J Hospice Palliat Care* 2015; Early online publication.

Posters/Abstracts

- Rennick A, Atkinson TJ, **Cimino N**, **Fudin J**, Strassel S, **McPherson ML**. Variability in opioid equivalence. P44 at the International Conference on Opioids. Harvard Medical School; June 8, 2015; Boston, MA.
- **Fudin J**, Shahzad N, Jarrett NWD, Pham TC, Prouty E. Development of an immunoassay urine drug screen app for interpreting unexpected results. P15 at the International Conference on Opioids. Harvard Medical School; June 7, 2015; Boston, MA.
- Desai A, Pham T, **Fudin J**. Comparative retrospective to prospective analysis of clinician reliability and cost effectiveness for accurately interpreting urine drug screens (UDS) for patients receiving chronic opioid therapy. (Poster: 1-101). American Society of Health-System Pharmacists (ASHP) 2014 Midyear Clinical Meeting and Exhibition; Anaheim, CA.
- Mahatme S, Atkinson TJ, Spallone A, **Fudin J**. The preliminary impact of pain management integration into an HIV specialty clinic. P4 at the International Conference on Opioids. Harvard Medical School; June 7, 2015; Boston, MA.

Other Notable Achievements

- Jeffrey Fudin: Stratton VA Medical Center Pain and Palliative Care PGY2 Residency was accredited, spring 2015
- Fudin J. Interview: new app helps interpret urine drug test results. *Pract Pain Manage* 2015;15:84-7.

Pediatrics PRN

Introduction

What a great couple of months it has been for Pediatrics! Many of the PRN members have been involved in the review courses working hard with the upcoming board certification exam. The PRN has been developing strategies to increase its membership and increase its financial stability. We received a generous donation from the Mid-Atlantic Pediatric Pharmacotherapy Specialists for \$1399.80. This is very exciting, and the money will be used for various education activities throughout the year. We thank you for your generosity! We have been planning for the global conference in October and look forward to seeing everyone in San Francisco!

The Social Media Committee is continuing to post daily content to Facebook/Twitter, with up to 285 “likes” on Facebook and 60 “followers” on Twitter. As of July 1, we’ve designated specific days of the week to postings that relate to specific practice areas (Mondays = General Pediatrics, Tuesdays = NICU, and Thursdays = PICU). During the next several weeks, in addition to clinical content posts, we’ll be advertising for board exam preparation, pediatric content at the ACCP Global Conference, and PRN business (elections, business meeting at Global Conference, etc.)

The Nominations Committee put out a call for nominations for the PRN offices of chair-elect and secretary/treasurer on April 6, 2015, and received several nominations for each office. A slate was developed by the committee, and electronic balloting opened on July 10, 2015. Candidates for chair-elect are Kalen Manasco, Jennifer Hamner, and Rebecca Petitt, and candidates for secretary/treasurer are Deborah Raitzel, Nick Fusco, and Jim Thigpen. Those elected to office will be notified at the end of August 2015 and will be installed at the Global Conference in October.

The Research Committee has finalized its proposal to the PBRN to conduct a project on the use of LMWH in pediatrics. The proposal, which is undergoing review, will hopefully be submitted to the PBRN soon. Once approval is obtained, the research committee will be looking for interested individuals at several institutions to join the project. Keep an eye out for updates on e-mail and Twitter and Facebook!

The Travel Awards Committee issued a call for applications for the Pediatric PRN Student and Resident/Fellow Travel Awards during summer 2015. The PRN offers one student and one resident/fellow award (\$1000 per award) each year to support attendance to the ACCP Annual Meeting. Applications are under review, and the selected applicants will present their research as part of the Pediatrics PRN business meeting at the 2015 ACCP

Global Conference.

The Paper Committee is still in the editing phase of the paper titled “The Value of the Pediatric Clinical Pharmacist.” We hope to complete this phase soon. We are also in the development phase of an update to the 2005 pediatric education article.

The Education Committee has been hard at work planning the educational activities for the Global Conference in October. It will be a great session, and all are invited to attend. The Education Committee has also been restructured to begin working on educational sessions throughout the year.

The Professional Advancement Committee has been designing a brochure for students and residents to increase their involvement in organizations.

Awards

- Kimberly J. Novak: 2015 Pharmacist of the Year award by the Ohio Society of Health-System Pharmacists

Grants

- Peter N. Johnson: Pediatric Pharmacy Advocacy Group Neonatal Grant (2014–2015)—Primary investigator is Kaitlin Hughes: **Peter N. Johnson** – Coinvestigator. Grant title: “Comparison of Amikacin Pharmacokinetics in Neonates Pre- and Post- – A Dosing Protocol Change”
- **Allison Lardieri, Jill Morgan**: Cumberland Pharmaceuticals Grant: “Stability of Lactulose (Kristalose) Compared to Polyethylene Glycol (Miralax) at Varying Time Points and in Common Liquids”

Publications

- **Fusco NM**, Parbuoni KA, **Morgan JA**. Time to first antibiotic administration after onset of sepsis in critically ill children. *J Pediatr Pharmacol Ther* 2015;20:37-44.
- **Fusco NM**, Toussaint K, Prescott WA Jr. Antibiotic treatment of MRSA pulmonary exacerbations in pediatric and adult patients with cystic fibrosis. *Ann Pharmacother* 2015;49:458-68.
- **Hoff DS, Chicella M, Cies JJ**, Hansen L. Critical care. In: Chow J, Lubsch L, eds. *PPAG: Pediatric PharmPrep Advanced Guide* (book online). 2015. Available at <https://ppagu.benchprep.com/>.
- **Hoff DS, Lipnik PG**, Lissick JR. Congenital heart disease. In: Eiland L, Todd T, eds. *Advanced Pediatric Therapeutics*. Memphis: Pediatric

Pharmacy Advocacy Group, 2015.

- Taylor JL, Liu M, **Hoff DS**. Retrospective analysis of large-dose intrapleural alteplase for complicated pediatric parapneumonic effusion and empyema. *J Pediatr Pharmacol Ther* 2015;20:128-37.
- Wu TT, **Hoff DS**. Fish oil lipid emulsion associated sea-blue histiocyte syndrome in a pediatric patient. *J Pediatr Pharmacol Ther* 2015;20:217-21.
- Chandler C, Miller JL, Cunyningham C, **Johnson PN**. Propylene glycol-induced lactic acidosis in a child receiving a pentobarbital continuous infusion. *J Pediatr Intensive Care* 2014;3:73-7. [Case Report]
- Miller M, Burton MB, **Johnson PN**, Miller JL. "Once-daily" versus "extended-interval" administration of aminoglycosides in neonates: need for standard terminology. *Am J Health Syst Pharm* 2014;71:2108-9. [Letter]
- Miller MM, **Johnson PN**, Hagemann TM, Carter SM, Miller JL. Pseudohyperphosphatemia in pediatric patients prescribed liposomal amphotericin. *Am J Health Syst Pharm* 2014;71:1462-8. [Original Research]
- **Lardieri AB**, **Fusco NM**, Simone S, Walker K, **Morgan JA**, Parbuoni KA. Effects of clonidine on withdrawal from long-term dexmedetomidine in the pediatric patient. *J Pediatr Pharmacol Ther* 2015;20:45-53.
- **LaRoche JM**. PICU I. Pediatric Pharmacy Preparatory Review Course, Vol 1. American College of Clinical Pharmacy, 2015.
- **LaRoche JM**. Trauma. In: Eiland L, Todd T, eds. *Advanced Pediatric Therapeutics*. Memphis: Pediatric Pharmacy Advocacy Group, 2015.
- **LaRoche JM**, Desselle B. Critical care pharmacotherapy: description of an innovative pediatric residency elective experience utilizing clinical pharmacy faculty as preceptor. *Crit Care Shock* 2015;18:52-4.
- **Parrish RH II**, Cernak I. Creating a distinct medication-use system for children at the point of care: the time is now. *Pharmacy* 2015;3:72-8.
- **So TY**. Pediatric medication dosing. *Pediatrics for Parents* 2015;30:24-5.
- Saneeymehri S, Baker K, **So TY**. Overview of pharmacological treatment options for pediatric patients with refractory Kawasaki disease. *J Pediatr Pharmacol Ther* 2015;20:163-77.

Other Notable Achievements

- Kimberly Novak: Secretary of PPAG

Perioperative Care PRN

Introduction

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

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

The ACCP Perioperative Care PRN encourages members to interact through the e-mail list and the ACCP Perioperative Care PRN Facebook group available at <https://www.facebook.com/#!/groups/742181659164330/>. We will be hosting the PRN's introductory business meeting on Monday, October 19, and the first focus session titled "Perioperative Care: Balancing the Scales Between Bleeding and Clotting" on October 20 at the 2015 Global Conference in San Francisco, California. The Perioperative Care PRN's inaugural focus session aims to provide advanced information on the delicate balance between bleeding and adequate hemostasis in specialized surgical patient populations. The topics include hemostatic agents for hemophilic patients undergoing surgery, drug therapy concerns and controversies of the new oral anticoagulants throughout the surgical spectrum, and special considerations surrounding patients receiving neuroaxial analgesia. This program will use both didactic teaching and case studies to educate the audience. Please join us on Tuesday, October 20, from 1:30 p.m. to 3:00 p.m. For more information about the session, please visit www.accp.com/meetings/gc15/schedule.aspx?mode=detail&i=4850&from=schedule.

Promotions

- Marian Gaviola: Assistant Professor at UNT System College of Pharmacy

Grants

- Marian Gaviola: ACCP Critical Care PRN Resident Research Grant, October 2014

Awards

- Stacey Bortlik (Moultrie): UF Health Shands Children's Hospital Medication Safety Great Catch Award in April 2015. The great catch event was highlighted internally on the Bridge by <https://bridge.ufhealth.org/blog/safety/pharmacist-and-nurses-prevent-a-pediatric-patient-from-receiving-wrong-form-of-drug/>.

Publications

- **Parrish RH II**, Cernak I. Creating a distinct medication-use system for children at the point of care: the time is now. *Pharmacy (Special Issue – Pharmacy Paediatrics)* 2015;3:72-8 (refereed). Available at www.mdpi.com/2226-4787/3/3/72/htm.
- **April Smith**: Book chapters published in *Patient Assessment in Pharmacy Practice*, 3rd ed. Philadelphia: Wolters Kluwer, 2016: Chapter 14. Gastrointestinal system. 255-75; Chapter 15. Hepatic System. 276-92.

Other Notable Achievements

- Kara L. Birrer: Perioperative Care PRN Chair-Elect
- Stacey Bortlik (Moultrie): Florida Board of Pharmacy Consultant Pharmacist License
- Herbert "Matt" Mathews: Perioperative Care PRN Treasurer
- Richard Parrish: Perioperative Care PRN Secretary
- April Smith: Presented at the American Society for Metabolic and Bariatric Surgery (ASMBS) Weekend Meeting held June 25–28, 2015, in Las Vegas, Nevada. Dr. Smith's presentations were (1) Pharmacological Treatment of Obesity and (2) Perioperative Pharmacology in the Bariatric Surgery Patient: Who, What, Where, Why All the Prep?

PK/PD/PG PRN

Publications

- **Arwood MJ**, Cavallari LH, Duarte JD. Pharmacogenomics of hypertension and heart disease. *Curr Hypertens Rep* 2015;17:586.
- **Best BM**, Burchett SK, Li H, Stek A, Hu C, Wang J, Hawkins E, Byroads M, Watts DH, Smith E, Fletcher CV, Capparelli EV, Mirochnick M, P1026s Team.

Pharmacokinetics of tenofovir during pregnancy and postpartum. *HIV Med* 2015;16:502-11.

- Colbers A, **Best B**, Schalkwijk S, Wang J, Stek A, Tenorio CH, Hawkins D, Taylor G, Kreitchmann R, Burchett S, Haber A, Kabamba K, van Kasteren M, Smith E, Capparelli E, Burger D, Mirochnick M, the PANNA Network and the IMPAACT 1026s Study Team. Maraviroc pharmacokinetics in HIV-1 infected pregnant women. *Clin Infect Dis* 2015 Jul 22. [Epub ahead of print]
- Stek A, **Best BM**, Wang J, Capparelli EV, Burchett SK, Kreitchmann R, Rungruengthanakit K, Cressey TR, Mofenson LM, Smith E, Shapiro D, Mirochnick M, IMPAACT P1026s Protocol Team. Pharmacokinetics of once versus twice daily darunavir in pregnant HIV-infected women. *J Acquir Immune Defic Syndr* 2015 May 6. [Epub ahead of print]
- Birdwell KA, Decker B, Barbarino JM, Peterson JF, Stein CM, Sadee W, Wang D, Vinks AA, He Y, Swen JJ, Leeder JS, van Schaik R, Thummel KE, Klein TE, **Caudle KE**, MacPhee I. Clinical Pharmacogenetics Implementation Consortium (CPIC) guidelines for CYP3A5 genotype and tacrolimus dosing. *Clin Pharmacol Ther* 2015;98:19-24.
- Hicks JK, Bishop JR, Sangkuhl K, Müller DJ, Ji Y, Leckband SG, Leeder JS, Graham RL, Chiulli DL, Llerena A, Skaar TC, Scott SA, Stingl JC, Klein TE, **Caudle KE**, Gaedigk A. Clinical Pharmacogenetics Implementation Consortium (CPIC) guideline for CYP2D6 and CYP2C19 genotypes and dosing of selective serotonin reuptake inhibitors. *Clin Pharmacol Ther* 2015 May 13. [Epub ahead of print]
- Saito Y, Stamp LK, **Caudle KE**, Hershfield M, McDonagh EM, Callaghan JT, Tassaneeyakul W, Mushiroda T, Kamatani N, Goldspiel BR, Phillips EJ, Klein TE, Lee MT. Clinical Pharmacogenetics Implementation Consortium (CPIC) guidelines for human leukocyte antigen B (HLA-B) genotype and allopurinol dosing: 2015 update. *Clin Pharmacol Ther* 2015 Jun 10. [Epub ahead of print]
- **Crews KR**, **Caudle KE**, Dunnenberger HM, Sadhasivam S, Skaar TC. Considerations for the utility of the CPIC guideline for CYP2D6 genotype and codeine therapy. *Clin Chem* 2015;61:775-6.
- 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.
- Elewa H, El-Mekaty E, El-Bardissy A, **Ensom MHH**, Wilby KJ. Therapeutic drug monitoring of

voriconazole: a critical review of current evidence for measuring drug concentrations for treatment or prevention of invasive fungal infections. *Clin Pharmacokinet* 2015 Jun 13. [Epub ahead of print]

- 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;54:783-95.
- Kiang TKL, Wilby KJ, **Ensom MHH**. A comprehensive, critical review on the clinical pharmacokinetics, pharmacodynamics, and clinical trials of the novel 5th-generation cephalosporin, ceftaroline. *Clin Pharmacokinet* 2015 May 5. [Epub ahead of print]
- Rainkie D, **Ensom MHH**, Carr RR. Pediatric assessment of vancomycin empiric dosing (PAVED): a retrospective review. *Pediatr Drugs* 2015;17:245-53.
- Reardon J, Lau TTY, **Ensom MHH**. Vancomycin loading doses: a systematic review. *Ann Pharmacother* 2015;49:557-65.
- Wilby KJ, Shabana S, **Ensom MHH**, Marra F. A critical review of the current evidence for measuring drug concentrations of first-line agents used to treat tuberculosis in children. *Clin Pharmacokinet* 2015 Jul 16. [Epub ahead of print]
- **Hussein G**. Forensic toxicology. In: Rajat S, ed. *Toxicology: The Past, Present, and Future of Basic, Clinical, and Forensic Medicine*. Hauppauge, NY: Nova Science Publishers, 2015. Final draft accepted May 2015.
- **Hussein G**. Forensic analysis of medication errors, adverse drug events, and drug labeling changes. In: Rajat S, ed. *Toxicology: The Past, Present, and Future of Basic, Clinical, and Forensic Medicine*. Hauppauge, NY: Nova Science Publishers, 2015. Final draft accepted May 2015.
- Tesh LD, Shaer KM, Cho JC, Estrada SJ, Huang V, Bland CM, DiMondi CP, Potter AN, **Hussein G**, Bookstaver PB. *Neisseria gonorrhoeae* and fosfomycin: past, present, and future. *Int J Antimicrob Agents* 2015;46:292-8.

Abstracts Presented

- **Hussein G**, Khalil O. Analysis of prescription drug labeling changes from January 2004 to December 2013. American Pharmacists Association (APhA) Annual Meeting; March 27–30 2015; San Diego, CA.
- **Hussein G**, Lay K. Co-curricular activity to enhance patient assessment and pharmacy-physician

assistant (PA) telephonic interaction. Abstract presented at: AACP Annual Meeting; July 11–15, 2015; National Harbor, MD.

- **Hussein G**, Weller M, Redmond K, Kirby B, Grigsby C, Fathy R. Evaluation of drugs removed from the United States market from 2000 to 2013. 74th World Congress of Pharmacy and Pharmaceutical Sciences (FIP); August 31 – September 4, 2014; Bangkok, Thailand.
- Bond S, **Hussein G**. An analysis of over-the-counter products (OTC) products marketed in the United States with the inclusion of undeclared prescription ingredients from 2002 to 2013. ASHP Midyear Clinical Meeting; December 7–10, 2014; Anaheim, CA.
- Clubb B, Smyth N, **Hussein G**. Evaluation of prescription drugs that require individualized dosing and monitoring in patients with hepatic impairment. ASHP Midyear Clinical Meeting; December 7–10, 2014; Anaheim, CA.

Other Notable Achievements

- Mary H.H. Ensom: One of four individuals inducted into the inaugural class of the Hall of Distinguished Alumni, University of Kentucky College of Pharmacy. The other honorees were Drs. Bob Blouin, Bob Rapp, and Salomon Stavchansky. See <http://pharmacy.mc.uky.edu/display.php?id=1135>: College Inducts First Class in Hall of Distinguished Alumni John E. Murphy: Received the Robert K Chalmers Distinguished Educator award from AACP in July
- Keith Moore: Issued three patents recently (i.e., US Patent Nos. 9,060,939, 8,968,777, and 8,957,113), directed to modified release oral tranexamic acid formulations that preferably minimize or eliminate undesirable gastrointestinal side effects to improve patient compliance with therapy, and the methods of treatment with these formulations, for women with heavy menstrual bleeding when administered two or three times per day

Women's Health PRN

PRN Update

The Women's Health PRN now has 300 total members, including 160 students, 10 residents, and 1 fellow.

We would like to welcome the following new members:

Sarah Abel, Jessica Adamski, Daniel Aistrophe, Jennifer Bajoka, Sarah Derr, Kaylyn DesRosier, Christine Echtenkamp, Allison Englert, Randa

Fahim, Jamie Fery, Krista Gatto, Kristin Gramith, Sarah Hayes, Bonnie Hooten, Lindsay Jackson, Sefa Kploanyi, Anne Lau, Caitlin Leach, Jamie Lukasiewicz, Anthony Oladipo, Ijeoma Onyema, Sarah Payne, Penny Sarah, Sofia Shim, Abigail Taylor, Ariel Thurmer, Kevin Vu, Bethany Wattengel, C. Edwin Webb, Shannon White, and Nicole Williams.

We are continuing our trainee travel awards and developing additional awards, including the Vital Contributions to Women's Health Award, Research Mini-Grant, and Associate/Full Member Travel Award.

The Women's Health PRN focus session titled "Healthy Mom, Healthy Baby: Best Practices in Optimizing Preconception Health and Pregnancy Outcomes" will be held Monday from 1:30 p.m. to 3:00 p.m. We look forward to seeing current and prospective members at the Women's Health PRN business and networking meeting on Monday from 6 p.m. to 9 p.m.

Awards

- Nicole Cieri: Faculty Preceptor of the Year
- Nicole Cieri: Pharmacy Practice Faculty of the Year
- Nicole Cieri: The Spirit of Saint Marguerite Service Award in recognition of Healthy Buffalo
- Sarah McBane: National Community Pharmacists Association Leadership Award

Grants

- Sally Rafie: Research mini-grant from The National Campaign to Prevent Teen and Unplanned Pregnancies to study older teen attitudes toward access to birth control in pharmacies

Publications

- Ahmed N, Okoli C, **Ainsworth J**. Ineffective central nervous system HIV suppression of once-a-day maraviroc and ritonavir booster darunavir dual therapy: four case reports. *Int J STD AIDS* 2015. [Epub]
- Simasek M, **Ballard SL**, Phelps P, et al. Meeting resident scholarly activity requirements through a longitudinal quality improvement curriculum. *J Grad Med Educ* 2015;7:86-90.
- **Briggs GG**, Polifka JE, Wisner KL, Gervais E, Miller RK, Berard A, Koren G, **Forinash A**, Towers CV. Should pregnant women be included in phase IV clinical drug trials? *Am J Obstet Gynecol* 2015.
- DeMarco L, Panzarella K, Ferro H, Pownall L, Case A, Nowakowski P, Stewart M, Duszkiwicz

A, Verni C, Kennedy M, **Cieri N**, Dowd C, Dunford D. Outcomes of an interprofessional simulation curriculum. *J Appl Res Higher Educ* 2015.

- Scultz P, Fery J, Lampkin SJ, **Cieri NE**. Misoprostol patients misunderstood: how to manage patients with miscarriages. *Inside Patient Care Pharmacy and Clinics*. May 2015;15-9.
- McAdam-Marx C, Dahal A, Jennings B, Singhal M, **Gunning K**. The effect of a diabetes collaborative care management program on clinical and economic outcomes in patients with type 2 diabetes. *J Mang Care Spec Pharm* 2015;21:452-68.
- Pillai VC, Han K, Beigi RH, Hankins GD, Clark S, **Hebert MF**, et al. Population pharmacokinetics of oseltamivir in non-pregnant and pregnant women. *Br J Clin Pharmacol* 2015. [Epub]
- Der-Nigoghossian CA, Eldebs M, **Karaoui LR**, Saad A. Hints for success in ASHP's clinical skills competition. *Am J Health Syst Pharm* 2015;72:434-5.
- **McBane S**. Scheduling good health: pharmacists as primary immunizers. *Pharmacy Times, Directions in Pharmacy*. May 18, 2015. [Link](#).
- **McBane SE**, Dopp AL, Abe A, Benavides S, Chester EA, Dixon DL, Dunn M, Johnson MD, Nigro SJ, Rothrock-Christian T, Schwartz AH, **Thrasher K**, Walker S. Collaborative drug therapy management and comprehensive medication management – 2015. *Pharmacotherapy* 2015;35:e39-50.
- **McClendon KS**, Bell AM, Ellis A, et al. Pathways to improve student pharmacists' experience in research. *Am J Pharm Educ* 2015;79:58.
- **Rafie S**. Updates in contraception. *Ambulatory Care Self-Assessment Program (ACSAP) 2015, Book 2, Women's and Men's Care*.
- **Raney EC**. What new therapeutic options exist for the relief of menopausal symptoms? *JAAPA* 2015;28:14-6.
- **Shealy KM**. Are antidepressants safe in the first trimester of pregnancy? *JAAPA* 2015;28:16-7.
- Clements JN, **Shealy KM**. Liraglutide: an injectable option for the management of obesity. *Ann Pharmacother* 2015;49:938-44.
- **Shrader S**, Dunn B, Blake E, Phillips C. Incorporating standardized colleague simulations in a clinical assessment course and evaluating the impact on inter professional education. *Am J Pharm Educ* 2015;79:57.
- **Shrader S**, Mauldin M, Hammad S, Mitcham M, Blue A. Developing a comprehensive faculty development program to promote interprofessional

education, practice and research at a free-standing academic health science center. *J Interprof Care* 2015;29:165-7.

- Maxwell WD, **Shrader SP**, Moore KG, Lu ZK, White SF. Survey of pharmacists' subtherapeutic INR management and anticoagulation bridging practices. *J Clin Pharm Ther* 2015. [Epub]
- **Stone RH**. Management of chronic conditions in pregnancy. *Ambulatory Care Self-Assessment Program (ACSAP) 2015 Book 2, Women's and Men's Care*.

News Article Features

- McBane S. Over-the-counter birth control pills will soon be available in California. KPBS. July 22, 2015. [Link](#).
- McBane S. Pharmacists take on broader role. The San Diego Union-Tribune. June 15, 2015. [Link](#).
- Rafie S. 10 Surprising facts about contraception. *Everyday Health*. May 15, 2015. [Link](#).
- Rafie S. 10 Best birth control methods. *Lady Lux*. March 2, 2015. [Link](#).
- Rafie S. 12 secrets every pharmacist knows (and you should, too). *Prevention*. April 6, 2015. [Link](#).
- Rafie S. California to let pharmacists prescribe birth control pills. *Healthline*. June 26, 2015. [Link](#).

Other Notable Achievements

- Sarah McBane: President of the California Pharmacists Association
- Kim Thrasher: Panelist at "Health is Primary" event sponsored by Family Medicine for America's Health
- Kevin Vu: Poster titled "Pharmacist Intentions to Participate in Pharmacy Access to Hormonal Contraception in California" at the American Pharmacists Association Annual Meeting

SAVE THE DATE SPRING

Mark Your Calendar for ACCP Updates in Therapeutics® 2016

Taking place from April 8 to 10, 2016, at Phoenix's Sheraton Phoenix Downtown Hotel, Updates in Therapeutics® 2016 will feature the Ambulatory Care Pharmacy, Pediatric Pharmacy, and Pharmacotherapy Review and Recertification courses. All three courses offer a fast-paced, yet comprehensive review of the full scope of each specialty to help you reaffirm your areas

of strength and identify potential weaknesses. Each course offers a detailed workbook with 750–1500 pages, including 200+ case-based questions and explained answers, and provides access to a systematic series of review activities designed to help you ready yourself for the exam.

Registration for this premier preparatory review course experience will open at the end of November at www.accp.com/ut. Even if you are not planning to sit for the BPS examination, you may still be interested in assessing your knowledge and skills in the area by taking advantage of one of these advanced specialty programs. All three courses are an excellent review for ambulatory care, pediatric, or pharmacotherapy practitioners seeking to remain current in all aspects of their practice area.

Watch the ACCP website, www.accp.com, for complete meeting details.

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RESEARCH INSTITUTE UPDATE



ACCP Research Institute

Fall 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 website (www.accpri.org) for updates and program announcements from the Institute. Thank you for supporting the ACCP Research Institute.

Who Joins the ACCP PBRN?

Do you routinely provide direct patient care? Are you often 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
99	AMED	Adult Medicine
200	AMBU	Ambulatory Care
117	CARD	Cardiology
20	CNSY	Central Nervous System
35	CADM	Clinical Administration
125	CRIT	Critical Care
10	DINF	Drug Information
89	EDTR	Education and Training
28	EMED	Emergency Medicine
41	ENDO	Endocrine and Metabolism
37	GERI	Geriatrics
21	GILN	GI/Liver/Nutrition
12	GLBL	Global Health
23	OCEC	Health Outcomes
54	HMON	Hematology/Oncology
12	HIV	HIV
47	IMTR	Immunology/Transplantation
125	INFD	Infectious Diseases
23	NEPH	Nephrology
21	PAIN	Pain and Palliative Care
52	PEDI	Pediatrics
4	PERI	Perioperative Care
6	INDU	Pharmaceutical Industry
24	PKPD	Pharmacokinetics/ Pharmacodynamics/ Pharmacogenomics
23	WOMN	Women's Health

8/19/2015

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

Calling All Researchers!

The ACCP PBRN is interested in establishing collaborative research efforts with both the ACCP PBRN and other external investigators. If you have a funded project or are applying for funding and are interested in collaborating with

the ACCP PBRN, we invite you to complete our Project Concept Description Template at www.accpri.org/pbrn/partner.aspx. Please contact PBRN staff with any questions, or for assistance with developing a clinical question into a PBRN study, at (913) 492-3311 or pbrn@accp.com.

ACCP RI Announces 2015 Futures Grants Program Awardees

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

This year, the ACCP RI received 40 applications for its new mentored research funding program. Each application was reviewed by an expert panel of reviewers according to the program's core review criteria. The ACCP RI is pleased to announce the 2015 Futures Grants Program awardees.

Junior Investigator Awards:

- **Kyle Burghardt, Pharm.D.**, Wayne State (mentor: Vicki Ellingrod, Pharm.D., FCCP) – "Insulin Resistance Induced by Antipsychotic Medication in the Absence of Obesity: Impact of DNA Methylation and Lipids in the Skeletal Muscle"
- **Jason Karnes, Pharm.D., Ph.D., BCPS**, University of Arizona (mentors: Dan Roden, M.D., Kenneth Ramos, M.D., Ph.D., PharmB) – "Pharmacogenomics of Heparin-Induced Thrombocytopenia"
- **Kelly Reveles, Pharm.D., Ph.D.**, University of Texas at Austin (mentor: Christopher Frei, Pharm.D., FCCP, BCPS) – "Recurrent *Clostridium difficile* Infection Epidemiology and Clinical Risk Prediction in the United States Veterans Health Administration"

Student/Resident Awards:

- **Dina Ali**, University of Tennessee (mentor: Robert Parker, Pharm.D., FCCP) – "Mechanism of Altered Clopidogrel Metabolism in Diabetes"
- **Elizabeth Wood**, Auburn University (mentor: Allison Chung, Pharm.D., FCCP, BCPS) – "Vitamin D Supplementation in Critically Ill Children: A Prospective Trial and Dose Evaluation"

The ACCP RI Board of Trustees and staff would also like to express their sincere gratitude to the expert

reviewers who served on the Junior Investigator and Student/Resident award review committees. Members of the Junior Investigator award review committee were Michael Reed, Pharm.D., FCCP (Chair); Christina Aquilante, Pharm.D.; William Baker, Pharm.D., FCCP, BCPS; Edward Bednarczyk, Pharm.D., FCCP; Douglas Boggs, Pharm.D.; Karen Farris, Ph.D.; Judith Smith, Pharm.D., FCCP, BCOP; and Meghana Trivedi, Pharm.D., Ph.D., BCOP. Members of the Student/Resident award review committee were Jeffrey Fong, Pharm.D., BCPS (Chair); Varsha Bhatt-Mehta, Pharm.D., FCCP; Ninh (Irene) La-Beck, Pharm.D.; and David Martin, Pharm.D. For more information about the ACCP RI Futures Grants Program, please visit www.accpri.org/futures/.

Investigator Development Programs

Are you ready to accelerate your growth as a clinical pharmacy researcher—the Research Institute can meet your needs! Plan now to attend our next Mentored Research Investigator Training (MeRIT) or Focused Investigator Training (FIT) program, June 27, 2016 – July 1, 2016, on the campus of the University of Michigan College of Pharmacy.

MeRIT is an individualized, 2-year longitudinal program designed to mentor pharmacist-investigators from research idea through study design, IRB and funding application, data collection, results presentation, and manuscript submission.

FIT is an intensive 5-day grant enhancement and refinement program for experienced pharmacist-investigators pursuing NIH (National Institutes of Health) research funding. This proven combination of critical grant review, revision, and mentoring by experienced

DON'T MAKE EARLY DINNER PLANS FOR SUNDAY NIGHT!

Instead, take advantage of complimentary hors d'oeuvres at the Research Institute's Friend and FUNd Raiser during the Global Conference's Opening Reception!

SUNDAY, OCTOBER 18, 2015
6:00–9:00 P.M.

and funded faculty will maximize your submission's (or resubmission's) competitiveness.

MeRIT participants will present posters of their proposed research projects on Tuesday morning, October 20, during the ACCP Global Conference on Clinical Pharmacy in San Francisco, California, October 17–21, 2015. Please stop by to learn about their projects and their experiences in the program. You may also learn more about both programs during the Global Conference at the RI's Open House on the morning of Tuesday, October 20, or at any time on the RI website (www.accpri.org).

Research Institute & *Pharmacotherapy* Open House

Tuesday, October 20, 8:00 a.m. to 10:00 a.m.

Learn how to get more involved with the ACCP Research Institute (RI) or *Pharmacotherapy*, the official journal of ACCP. This open house event will provide you the opportunity to speak directly with board members from both the RI and *Pharmacotherapy*, specifically about:

1. Special Issues and Manuscripts of Interest – Lindsay DeVane and Vicki Ellingrod
2. Serving as a *Pharmacotherapy* Reviewer – James Tisdale
3. Information for International Authors and Reviewers – Bill Miller and Terry Schwinghammer
4. Becoming a *Pharmacotherapy* Editorial Board Member – Edith Nutescu and Stuart Haines
5. Researcher Development: Focused Investigator Training (FIT), Mentored Research Investigator Training (MeRIT), & ACCP Academy Research and Scholarship Certificate – Program Faculty/Mentors and Mentees
6. Research funding available through the RI Student/Resident and Junior Investigator Futures Grants – RI Trustees
7. Engaging in the ACCP Practice-Based Research Network (PBRN) as a clinician or researcher – PBRN Community Advisory Panel (CAP)
8. PRN/PBRN/RI collaborations and research development experiences and discussion of future opportunities – CAP, PRN/PBRN collaborators, and PBRN interim director

Handouts/Information Available for Pickup:

Guidelines for *Pharmacotherapy* special issues
Editorial Board member description
International Editorial Board member description
Scientific Editor description
Call for papers
Pharmacotherapy issues
Investigator training brochures
Futures Grants information
PBRN brochures and registration information

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

Many PRNs conduct “walk-rounds” during the Scientific Poster Presentations at ACCP’s Annual Meeting each year. In these “walk-rounds,” small groups of PRN members move through preselected posters and discuss the presentations’ findings and implications with the authors. The Research Institute is expanding the numbers and types of resources that it can offer to help PRNs plan their “walk-rounds” at this year’s ACCP Global Conference in San Francisco, California. In addition to poster hall maps and poster session schedules, the RI will provide each PRN with a list of posters for which members of their respective PRNs are named as presenting or coauthors. For more information on how PRNs can obtain their list of their members’ posters, please contact Carla Scarborough (cscarborough@accp.com).



WASHINGTON UPDATE

ACCP Washington Office: PRN Update, August 2015

ACCP-PAC PRN Participation Challenge

Consistent with the priorities set out in ACCP’s strategic plan and the College’s organization-wide commitment to clinical practice transformation, ACCP’s Washington, D.C., office has been focused for almost 3 years on an advocacy effort that calls on Congress to enact legislation to provide Medicare patients with coverage for comprehensive medication management (CMM) within the Part B medical benefit.

Central to our grassroots advocacy strategy, ACCP staff have worked to engage with our PRN leaders and identify opportunities through PRN meetings and communications to stimulate discussion, interest, and grassroots advocacy on behalf of our Medicare Initiative.

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

How the Challenge Works

ACCP-PAC has launched a competition (the ACCP-PAC PRN Participation Challenge) to determine which PRN provides the greatest PAC support. When PRN members make a PAC contribution online, they are provided with an option to designate a PRN to receive credit for their contribution. Over time, we will determine which PRN provides the greatest PAC support.

- The challenge will be measured with respect to the percentage of PRN members who contribute to the PAC, not the total dollars raised by each PRN.
- ACCP members who belong to several PRNs can make multiple contributions in the name of each PRN, but only one PRN can receive credit for any single contribution.

PRN officers are urged to encourage members of their PRNs to participate in the challenge and support ACCP-PAC. All contributions, no matter how small, count toward the challenge, but we suggest that PRN members contribute at least \$25 to this effort. Please take the time to highlight the challenge in PRN meetings and online communications to PRN members. The leading PRN will receive recognition on the ACCP website, in communications from the Washington office, and at the 2015 ACCP Global Conference on Clinical Pharmacy in San Francisco. For more information, contact John McGlew (jmcglew@accp.com or (202) 621-1820).

More About ACCP-PAC

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

ACCP-PAC is nonpartisan and supports elected officials, regardless of their political party affiliation. ACCP-PAC is regulated by the Federal Election Commission (FEC) based in Washington, D.C. The PAC files quarterly FEC reports declaring all PAC receipts and disbursements, which are publically available at <http://www.fec.gov/>.

Because of FEC regulations, PAC contributions are NOT deductible as charitable for federal tax purposes and must be made by personal funds and/or post-tax dollars. Unlike contributions to the Frontiers Fund, ACCP-PAC cannot accept contributions directly from PRNs. All PAC contributions must be made by individuals from personal funds.

Who Receives ACCP-PAC Support?

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

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

The key health care–related committees in Congress are the Appropriations, Ways & Means, and Energy & Commerce committees in the House of Representatives

and the Appropriations Committee, Finance Committee, and Health, Education, Labor & Pensions (H.E.L.P.) Committee in the Senate.

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

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

Why Support ACCP-PAC?

- The success of ACCP-PAC depends entirely on the support of our membership, because we can only solicit contributions from ACCP members.
- Because ours is the only PAC registered on behalf of clinical pharmacy, this is a unique opportunity to raise our political profile and advance our advocacy agenda.
- Political contributions help raise our profile in Washington, D.C., and attending fundraising events offers an additional opportunity to build relationships with members of Congress or congressional staff.
- ACCP members can also attend fundraising events on behalf of the PAC and help improve their relationships with elected officials.
- By combining individual contributions from ACCP members into a larger pool of money, ACCP-PAC can maximize the impact of the support we provide to candidates who fight on behalf of the profession.
- ACCP pays the administrative costs of running the PAC, so all money raised goes directly toward helping elect pro-clinical pharmacy candidates to federal office.

For more information, visit the ACCP-PAC website at www.accpaction.com.

Updates from Washington, D.C. – Health Care Legislation Picks Up Steam in Congress

Earlier this year, President Barack Obama signed into law legislation permanently repealing the flawed Medicare SGR (sustainable growth rate) formula. The passage of this legislation not only represents an important bipartisan success story in what appeared to be an otherwise hopelessly deadlocked Congress, but also opened the door to a new approach to Medicare payment policy that rewards quality and outcomes over value and supports alternative payment models such as accountable care organizations

and patient-centered medical homes. Under the new payment model, a merit-based incentive payment system (MIPS) will be established beginning in 2019, which includes a combined value-based payment program that assesses the performance of each eligible provider on the basis of quality, resource use, clinical practice improvement activities, and meaningful use of certified electronic health record technology.

The SGR was originally established in 1997 as a means for the Centers for Medicare & Medicaid Services (CMS) to regulate spending on Medicare physician services by linking payment levels to economic growth. In practice, cuts mandated under the formula were never implemented as Congress stepped in to defer or “patch” the payment methodology.

That congressional Democrats and Republicans were finally able to find common ground on a complicated and controversial policy area and produce a piece of legislation that met with the approval of a president who has been criticized for his inability to work with his congressional counterparts is, of course, an important development in its own right. But perhaps more important is the opportunity that the SGR repeal package offers for future health care policy developments, including ACCP’s Medicare Initiative.

ACCP is confident that its Medicare Initiative is consistent with the overall structure of this payment approach, and we will continue to work with our friends and allies on Capitol Hill to integrate coverage for CMM services within the evolving Medicare program.

21st Century Cures

Shortly after President Obama signed the SGR repeal package into law, health policy leaders in Congress refocused their efforts on an initiative aimed at accelerating the discovery, development, and delivery of promising new treatments and cures for patients and maintaining America’s standing as the biomedical innovation capital of the world. This initiative, called the “21st Century Cures Act,” is the culmination of more than a year’s worth of public conversation with patients, innovators, providers, regulators, consumers, and researchers about what steps Congress can take to bridge the gap between advances in science and medicine and how those therapies are regulated. Citing the fact that treatments exist for only 500 of the 10,000 known diseases (7000 of which are rare), 21st Century Cures aims to:

- Bolster resources for the National Institutes of Health and help encourage young and emerging scientists
- Develop policies to unlock the wealth of data available today to help further research and innovation

- Modernize clinical trials and fully realize the promise of personalized medicine
- The legislation was approved by a margin of 51-1 at a full hearing of the House Energy and Commerce Committee. Policy leaders are hopeful that the proposal will eventually be signed into law by the end of 2015.

[Click here](#) to view H.R. 6, the 21st Century Cures Act, in full.

[Click here](#) to read a one-page discussion draft.

Chronic Care Initiative

On May 22, Finance Committee Chairman Orrin Hatch (R-UT) and Ranking Member Ron Wyden (D-OR) issued a letter to health care stakeholders announcing the formation of a bipartisan congressional working group to begin exploring solutions that will improve outcomes for Medicare patients requiring chronic care. This announcement followed a May 15 Senate Finance Committee hearing on the issue. Senate Finance Committee members Johnny Isakson (R-GA) and Mark Warner (D-VA) have been nominated to lead the effort, which will examine the following issue areas:

- Improvements to Medicare Advantage for patients living with multiple chronic conditions
- Transformative policies that improve outcomes for patients living with chronic diseases either through modifications to the current Medicare Shared Savings ACO Program or piloted alternative payment models (APMs) currently under way at CMS, or by proposing new APM structures
- Reforms to Medicare's current fee-for-service program that incentivize providers to coordinate care for patients living with chronic conditions
- The effective use, coordination, and cost of prescription drugs
- Ideas to effectively use or improve the use of telehealth and remote monitoring technology
- Strategies to increase chronic care coordination in rural and frontier areas
- Options for empowering Medicare patients to play a greater role in managing their health and meaningfully engaging with their health care providers
- Ways to more effectively use primary care providers and care coordination teams in order to meet the goal of maximizing health care outcomes for Medicare patients living with chronic conditions

The response to the committee's request for input was overwhelming—more than 530 submissions from interested stakeholders across the country provided ideas on

ways the Medicare program can better deliver health care to beneficiaries with multiple chronic illnesses. Senate leadership reacted positively to the response from the health care community. In a statement released by Hatch and Wyden, the senators commented, "We appreciate the input from members of the health care community and are thrilled so many weighed in on this important bipartisan issue. We also applaud Senators Johnny Isakson and Mark Warner for their hard work in leading this initiative. Their efforts represent a strong bipartisan desire to find real solutions that provide high quality medical care to Medicare patients, at greater value and lower cost, without adding to the deficit. We look forward to partnering with our colleagues to review the submissions as we work toward a common goal of developing bipartisan legislative solutions this Congress."

ACCP Comments to the Bipartisan Working Group

In response to the request for input, ACCP, together with its Medicare Initiative partner, the College of Psychiatric and Neurologic Pharmacists (CPNP), submitted a joint statement to the committee. The statement addressed several key issue areas that outline specific policy categories the committee plans to consider as part of its chronic care reform efforts:

- The Effective Use, Coordination, and Cost of Prescription Drugs
- Ideas to Effectively Use or Improve the Use of Telehealth and Remote Monitoring Technology
- Strategies to Increase Chronic Care Coordination in Rural and Frontier Areas
- Ways to More Effectively Utilize Primary Care Providers in Order to Meet the Goal of Maximizing Health Care Outcomes for Medicare Patients Living with Chronic Conditions

In the comment letter, ACCP and CPNP urged the committee to focus on care delivery models that promote and incentivize a truly patient-centered and interprofessional approach to medication-related clinical care and medication safety. The comments called on the committee to advance a quality-focused, patient-centered, team-based approach to health care delivery that helps ensure the safety of medication use by patients and that achieves medication-related outcomes aligned with patients' overall care plans and goals of therapy through the provision of comprehensive medication management (CMM).

As part of the process of reforming the Medicare payment system, ACCP and CPNP urged Congress to enact reforms to the Medicare program that provide for coverage of CMM services provided by qualified clinical pharmacists as members of the patient's health care team within its broader payment reform efforts and extended an

offer to the committee to provide further information, data, and connections with successful practices that provide CMM services to help further inform the committee about this service in the context of Medicare payment and delivery system improvements that will modernize and sustain the program for the future.

[Click here](#) to read the ACCP/CPNP comments in full.

Earlier, ACCP submitted comments related to the May 14 Senate Finance Committee hearing titled “A Pathway to Improving Care for Medicare Patients with Chronic Conditions.”

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

Additional Opportunities for CMM

As evidence of the growing recognition within the health care policy community of the importance of CMM as part of the process of developing and implementing policies designed to streamline care coordination, improve quality, and lower Medicare costs, ACCP has learned that several organizations also included calls for CMM coverage in their comments to the committee. These organizations include the Pharmaceutical Research and Manufacturers of America (PhRMA), the Biotechnology Industry Organization (BIO), GlaxoSmithKline (GSK), Blue Thorn Inc., and Healthcare Consulting. During the coming weeks, ACCP staff will continue to review the comments submitted to the Senate Finance Committee to identify other organizations advocating for Medicare coverage for CMM services.

Outlook for the Chronic Care Initiative

In conversations with staff from the offices of many of the key leaders in the Senate Finance Committee bipartisan working group on chronic care, ACCP has learned that Senate leadership—drawing from the input provided by stakeholders—aims to develop legislative language during the next few months and hopes to have a draft bill in place by the end of 2015. By congressional standards, this represents relatively rapid movement on this issue and provides a significant opportunity for ACCP to advance its Medicare Initiative. ACCP members should be prepared to engage with their elected officials during the coming months to help ensure the inclusion of a CMM component as part of the legislative package that emerges from this process.

Summary

These encouraging developments, combined with ongoing conversations with key policy leaders on Capitol Hill, provide grounds for optimism for the success of our Medicare Initiative. We recognize the challenging political and economic environment in which we are operating, and we have always made it clear that achieving our goals

will be a long-term undertaking. That said, our efforts to date have brought together a growing, 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 care process is a vital component of evolving payment and delivery models. In focusing on coverage for a defined 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 are confident that our proposal is both structurally sound and demonstrably aligned with emerging Medicare payment policy reforms.

Advancing Our Medicare Initiative Through Grassroots Action

We believe that our investment in our Washington office and advocacy activities, combined with the traction that health care issues are gaining in Congress, 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 more than 16,000 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.

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

John K. McGlew
 Director, Government Affairs
 American College of Clinical Pharmacy
 1455 Pennsylvania Avenue NW
 Suite 400
 Washington, DC 20004-1017
 (202) 621-1820
jmcglew@accp.com

STUDENT INITIATIVES UPDATE



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

Now in its sixth year, ACCP's national team competition for pharmacy students returns to the Global Conference on Clinical Pharmacy in San Francisco, California. From an initial field of 108

teams, eight have advanced through four online rounds of competition to reach the quarterfinals. Following are the 2015 ACCP Clinical Pharmacy Challenge Quarterfinal Teams.

Quarterfinalist Teams:

- South Carolina College of Pharmacy
- Thomas Jefferson University Jefferson College of Pharmacy
- University of California, San Francisco School of Pharmacy
- University of Iowa College of Pharmacy
- University of Minnesota College of Pharmacy
- University of Oklahoma College of Pharmacy
- University of Pittsburgh School of Pharmacy
- University of Utah College of Pharmacy

Join us for the live round Challenge action at the Global Conference on Clinical Pharmacy in San Francisco, California.

2015 ACCP Clinical Pharmacy Challenge Schedule

Saturday, October 17

8:00 a.m. – 8:45a.m.

Participant walk-through and photo session

Quarterfinal A

9:00 a.m.– 9.30 a.m.

University of California, San Francisco School of Pharmacy	vs.	South Carolina College of Pharmacy
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Quarterfinal B

9:45 a.m.- 10:15 a.m.

University of Utah College of Pharmacy	vs.	University of Pittsburgh School of Pharmacy
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Quarterfinal C

10:30 a.m. - 11:00 a.m.

University of Iowa College of Pharmacy	vs.	University of Minnesota College of Pharmacy
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Quarterfinal D

11:15 a.m. - 11:45 a.m.

Thomas Jefferson University Jefferson College of Pharmacy vs. University of Oklahoma College of Pharmacy

Sunday, October 18

Semifinal A

4:30 p.m. - 5:00 p.m.

Winner Quarterfinal A vs. Winner Quarterfinal D

Semifinal B

5:15 p.m. - 5:45 p.m.

Winner Quarterfinal B vs. Winner Quarterfinal C

Monday, October 19

Final Round

11:00 a.m. - 11:30 a.m.

Winner Semifinal A vs. Winner Semifinal B

Travel Awards Promote Student and Resident/Fellow Meeting Attendance

ACCP initiated its Student Travel Awards and Resident/Fellow Travel Awards programs to support and encourage student, resident, and fellow attendance at ACCP national meetings as well as to expand opportunities for students and postgraduate trainees throughout the organization. To date, ACCP has awarded more than \$62,000 in travel stipends and complimentary meeting registrations. In addition, many PRNs are now offering their own travel awards for students, residents, and fellows, providing even more opportunities for attendees to apply for funding to defray the costs associated with attending the Annual Meeting.

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

- Adult Medicine
- Ambulatory Care
- Cardiology
- Central Nervous System
- Clinical Administration
- Critical Care
- Drug Information

- Education and Training
- Geriatrics
- GI/Liver/Nutrition
- Gulf College of Clinical Pharmacy
- Hematology/Oncology
- Immunology/Transplantation
- Infectious Diseases
- Nephrology
- Pain and Palliative Care
- Pediatrics
- Women's Health

Please encourage students at your institution to attend an ACCP national meeting and apply for a Student Travel Award. For more information on the program, please visit www.accp.com/stunet/award.aspx.

2015–2016 National Student Network Advisory Committee Appointed

Earlier this year, ACCP issued a call for applications to student members interested in serving on the National Student Network Advisory Committee (SNAC). The College received applications from students across the country. After reviewing their applications, ACCP President-Elect Terry Seaton selected student members for appointment. The committee will convene at the upcoming 2015 Global Conference on Clinical Pharmacy. ACCP is pleased to announce the appointment of the following student members to the 2015–2016 ACCP SNAC.

Chair: Tyler Vest, University of Cincinnati James L. Winkle College of Pharmacy

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

Secretary: Mary-Haston Leary, University of Mississippi School of Pharmacy

Members-at-Large:

- Amanda Gibson, Thomas Jefferson University Jefferson College of Pharmacy
- Jordan Long, Cedarville University School of Pharmacy
- Mel Nelson, University of Arizona College of Pharmacy
- Deeter Neumann, University of Arizona College of Pharmacy
- Shivam Patel, Rutgers, the State University of New Jersey Ernest Mario School of Pharmacy
- Kassie Pfluger, University of North Texas System College of Pharmacy

- Jasmine Reber, Touro University – California College of Pharmacy
- Elizabeth Wood, Auburn University Harrison School of Pharmacy

ACCP Student Chapters: New Awards Announced

Because of the growing interest in clinical pharmacy, the ACCP Board of Regents (BOR) approved the development of ACCP Student Chapters. Since that time, almost 70 institutions have formed student chapters. Recently, the BOR approved two new awards for Student Chapter members: the Outstanding Student Chapter and the Outstanding Student Chapter Member.

Outstanding Student Chapter Award

The purpose of this award is to recognize the ACCP student chapter that has exemplified strength in leadership, dedication in patient care, and passion for professional development through its activities and membership.

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

An announcement will be featured on the ACCP website, and an article highlighting the winning chapter's accomplishments will be published in *StuNews* and the *ACCP Report*. A commemorative plaque and \$1000 cash will be awarded to the winning chapter. The faculty liaison/adviser and one appointed student liaison from the winning chapter will receive complimentary full Annual Meeting registrations, and each will receive a \$250 travel stipend to attend.

Members of student chapters who wish to apply for the award will complete an application form as part of their end-of-the-year report that is due June 30. As part of the application process, each chapter is required to submit a rationale statement (250 words or less) outlining the plan for using the \$1000 award funds, should said chapter be selected as the winner.

Outstanding Student Chapter Member

The purpose of this award is to recognize a student who has enhanced student involvement from his or her chapter in ACCP at the local, state, or national level and who has expanded the presence of ACCP through community engagement, education promotion, research opportunities, and/or professional stewardship. The activities of the selected student should address ACCP's core values of extending the

frontiers of clinical pharmacy and promoting dedication to excellence in patient care, research, and education.

Each chapter award recipient will receive a certificate suitable for framing and recognition in an *ACCP Report* article, a *StuNews* article, and the *Annual Meeting News*. In addition, student award winners in attendance at the award year Annual Meeting will be recognized during the Clinical Pharmacy Challenge semifinal round of competition.

Each recognized student chapter will select its recipient for Outstanding Student Chapter annually and submit the winner's name to the ACCP national office as part of its year-end report.

ACCP Clinical Research Challenge



The Clinical Research Challenge is a novel competition targeted toward pharmacy students in the first 2 years of their degree program. Critically evaluating and applying the primary literature is an essential skill for clinical pharmacists. Research and scholarship contribute to improved health outcomes for patients

and advances in the profession of clinical pharmacy. This innovative and unique competition offers teams of three pharmacy students the opportunity to participate in an online journal club and the chance to submit a clinical research proposal.

The ACCP Clinical Research Challenge is a team-based competition. Teams of three students will compete against teams from other schools and colleges of pharmacy nationwide in an online format. All eligible teams will have the opportunity to compete in round 1: Online Journal Club. Teams achieving the top 20 scores will advance to round 2: Research Protocol Development. In the event of a tie, the winner will be determined by the time required to complete the online journal club exam. All examinations will be time stamped. Time spent viewing instructional pages will NOT count toward total examination time. Teams advancing to round 2 will be given a clinically focused research question and have 4 weeks to develop and submit a research proposal online following the criteria outlined [here](#).

Only one team per institution may enter the competition. Institutions with branch campuses, distance satellites, or more than one interested team are encouraged to conduct a local competition.

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

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

PGT UPDATE

Residents, Fellows, and Graduate Students

The resident, fellow, and graduate student monthly electronic newsletter titled *Experts in Training* underwent major renovations for the 2015–2016 residency cycle. The newsletter highlights membership benefits, important dates, residency programs, individual PRNs, and answers to postgraduate trainee questions. You can preview the newsletter at www.accp.com/resfel/newsletter.aspx.

The ACCP Mentoring Program allows all postgraduate trainee members of ACCP to search for and select a mentor from our database of ACCP volunteer members. Thirty postgraduate trainees have already selected an ACCP mentor since the program opened in mid-August. Once trainees have selected a mentor, they are encouraged to correspond with their mentor at least monthly throughout their training year. ACCP supports mentors and mentees with monthly e-mails of potential topics for discussion. Opportunities and resources offered by ACCP are also included in the monthly correspondence.

ACCP will continue to offer resident-specific educational programming at the 2015 Global Conference. *Chart the Course of Your Professional Future* is a program designed to provide residents with vital career development skills and a foundation in navigating their professional future. Led by nationally recognized faculty, this premeeting symposium will include topics such as facilitating professional development, setting up a new clinical practice, taking a scholarly approach to clinical practice, developing a personal strategic plan, and managing conflict.

In addition to our long-standing Career Path Roundtable Session, the Professional Development Roundtable Session will be offered exclusively for postgraduate trainees. This session will focus on topics that will guide early practitioners through several career transitions, including precepting, faculty positions, fellowships, board certification, research, and advice for PGY1s.

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

The 2015–2016 Resident Advisory Committee has been appointed. The committee will be chaired by Kalynn Rohde and co-chaired by Anne Misher. Members-at-large serving on the committee include Joseph Fulginiti, Audrey Littlefield, Kevin Lonabaugh, Bernice Man, Brandon Martinez, Erin McCreary, Krutika Mediwala, Courtney Slough, Vivian Tang, and Edward Van Matre.

PRN MEMBERSHIP TOTALS

PRN Title	Total Members
Ambulatory Care PRN (AMBU)	2249
Adult Medicine PRN (AMED)	1148
Clinical Administration PRN (CADM)	476
Cardiology PRN (CARD)	1328
Central Nervous System PRN (CNSY)	276
Critical Care PRN (CRIT)	2291
Drug Information PRN (DINF)	419
Education and Training PRN (EDTR)	601
Emergency Medicine PRN (EMED)	864
Endocrine and Metabolism PRN (ENDO)	332
Geriatrics PRN (GERI)	449
GI/Liver/Nutrition PRN (GILN)	239
Global Health PRN (GLBL)	146
HIV PRN (HIV)	230
Hematology/Oncology PRN (HMON)	958
Immunology/Transplantation PRN (IMTR)	519
Pharmaceutical Industry PRN (INDU)	378
Infectious Diseases PRN (INFD)	2343
Nephrology PRN (NEPH)	201
Health Outcomes PRN (OCEC)	271
Pain and Palliative Care PRN (PAIN)	378
Pediatrics PRN (PEDI)	1114
Perioperative Care PRN (PERI)	61
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN (PKPD)	344
Women's Health PRN (WOMN)	296
TOTAL:	17,911

PRN CONTACTS

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

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