

PRESIDENT'S COLUMN

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The Growth in Pharmacy Specialties

What's the first word you think of when you think of PRNs? I think of the word "specialty." That's because more than half of the 24 ACCP PRNs can be mapped to medical specialties or subspecialties. During my year as ACCP president, I have learned about specialization in pharmacy and the importance of credentialing and board certification. I have participated in several meetings of the Council on Credentialing in Pharmacy (CCP), a coalition of national pharmacy organizations formed in 1999 to provide leadership, guidance, public information, and coordination for the profession of pharmacy's credentialing programs.

The medical specialty board movement started almost 100 years ago to establish qualifications for specialists. At the time, each physician determined whether he or she was qualified to practice a given specialty. The first specialty board, established in 1917, was the American Board of Ophthalmology. Today, the approved Boards of the American Board of Medical Specialties (ABMS) certify specialists in more than 145 specialties and subspecialties. In the United States, about 80%–85% of licensed physicians are board certified. Board certification ensures patients, hospitals, and payers that these physicians have the necessary education, knowledge, experience, and skills to provide high-quality care in a specific medical specialty.

Specialization in pharmacy started with discussions in the 1970s, eventually resulting in the establishment of the Board of Pharmaceutical Specialties (now named the Board of Pharmacy Specialties [BPS]) in 1976. The first pharmacy specialty approved by BPS was nuclear pharmacy in 1978. Ten years later, pharmacotherapy and nutrition support were approved by BPS. Today, BPS recognizes eight pharmacy specialties and two "Added

Qualifications" categories (cardiology and infectious diseases) within the pharmacotherapy specialty. In addition, several more specialties are being considered. The two newest specialties, critical care and pediatrics, were approved in 2013. As of July 2014, there were almost 20,000 board-certified pharmacists.

Many ACCP members may not realize the long history of ACCP involvement in support of pharmacy specialties. In 1980, only 1 year after ACCP was formed, ACCP formed a task force to explore the possibility of submitting a BPS petition to recognize clinical pharmacy as a specialty. Following the recommendation of that task force, a committee was formed in 1981 to start the work of developing a BPS petition. Under the leadership of the late Dr. John Rodman, the committee met for the first time in November 1981. After almost 5 years, the petition was submitted to BPS. In July 1987, ACCP was informed that BPS had denied recognition of clinical pharmacy as a specialty because it was "too broad and too general." However, BPS noted that "an area of practice referred to as clinical pharmacotherapy may be such a specialized area of pharmacy practice as to justify consideration of it for specialty recognition." The petition was modified to recognize pharmacotherapy as a specialty and was submitted in January 1988. Despite opposition from the American Pharmaceutical Association and the American Society of Hospital Pharmacists, BPS approved the ACCP petition to recognize pharmacotherapy as a specialty in October 1988. It is therefore not surprising that ACCP supports specialization in pharmacy and board certification.^{1,2} Furthermore, ACCP believes that clinical pharmacists who provide direct patient care should be board certified.³

As specialization in pharmacy continues, the pharmacy profession continues to discuss and debate the role of board certification in the credentialing and privileging of pharmacists. I agree with ACCP's position—that board certification contributes to improved patient care; is a valid assessment of a pharmacist's level of specialized knowledge in a designated area of practice; and is an essential

element of clinical privileging.² However, some disagree with ACCP's position and believe that all licensed pharmacists are qualified to provide direct patient care. Others believe that structured postgraduate education programs (e.g., certificate programs) or experiences (e.g., traineeships) are equivalent to board certification.

Clinical pharmacists are well positioned to assume an expanded role in a reformed health care delivery system. Discussion and debate among those in the profession about specialization and credentialing in pharmacy are necessary and even healthy. But we must not forget to consider the perspective of other stakeholders—patients; physicians, nurses, and other health care team members, hospitals, and payers.

References

1. Saseen JJ, Grady SE, Hansen LB, et al. Future clinical pharmacy practitioners should be board-certified specialists. *Pharmacotherapy* 2006;26:1816-25.
2. American College of Clinical Pharmacy. Board certification of pharmacist specialists. *Pharmacotherapy* 2011;31:1146-9.
3. American College of Clinical Pharmacy. Qualifications of pharmacists who provide direct patient care: perspectives on the need for residency training and board certification. *Pharmacotherapy* 2013;33:888-91.



PRN ELECTIONS

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.

2014–2015 PRN Officers

Adult Medicine: Jacqueline Olin, Chair; Sarah Anderson, Chair-Elect; Kurt Wargo, Secretary/Treasurer

Ambulatory Care: Brian Irons, Chair; Daniel Riche, Chair-Elect; Jennifer Clements, Secretary; Emily McCoy, Treasurer

Cardiology: Douglas Jennings, Chair; Toni L. Ripley, Chair-Elect; William L. Baker, Secretary/Treasurer

Central Nervous System: Ronald Charles Reed, Chair; Jeffery Bishop, Chair-Elect; Stephanie Nichols, Secretary/Treasurer

Clinical Administration: Kyle Townsend, Chair; Angela Smith, Chair-Elect; Venita Papillion, Secretary/Treasurer

Critical Care: Christopher Paciullo, Chair; Pamela Smithburger, Chair-Elect; Scott Bolesta, Secretary/Treasurer

Drug Information: Cathy H. Ficzero, Chair; Diane May, Chair-Elect; Andrew Abe, Secretary/Treasurer

Education and Training: Sarah Nisly, Chair; Joshua Caballero, Chair-Elect; Laura Tsu, Secretary/Treasurer

Emergency Medicine: Kyle Weant, Chair; Asad (Sid) Patanwala, Chair-Elect; Mason Bucklin, Secretary/Treasurer

Endocrine and Metabolism: Jessica M. Trompeter, Chair; Amy Calabrese Donihi, Chair-Elect; Benjamin Gross, Secretary/Treasurer

Geriatrics: Jena Ivey Burkhart, Chair; Amber N. McLendon, Chair-Elect; Scott Martin Vouri, Secretary/Treasurer

GI/Liver/Nutrition: Edward Scott Lozano, Chair; Michael Smith, Chair-Elect; Michelle T. Martin, Secretary/Treasurer

Global Health: Renee Holder, Chair

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

Hematology/Oncology: Christine Walko, Chair; David DeRemer, Chair-Elect; Irene La-Beck, Secretary/Treasurer

HIV: Melissa Badowski, Chair

Immunology/Transplantation: Reed Hall, Chair; Christopher Ensor, Chair-Elect; Christina Doligalski, Secretary/Treasurer

Infectious Diseases: P. Brandon Bookstaver, Chair; Christopher Bland, Chair-Elect; Kayla Stover, Secretary/Treasurer

Nephrology: Anne Marie Liles, Chair; Mary Vilay, Chair-Elect

Pain and Palliative Care: Amanda McFee Winans, Chair; Jayne Pawasauskas, Chair-Elect; Leah Sera, Secretary/Treasurer

Pediatrics: Joseph M. LaRochelle, Chair; Christina Cox, Chair-Elect; Janie Robles, Secretary/Treasurer

Pharmaceutical Industry: Maggie Murphy, Chair; Dave Luke, Chair-Elect; Cori B. Cooper, Secretary/Treasurer

Pharmacokinetics/Pharmacodynamics/

Pharmacogenomics: Gamal Hussein, Chair; Keith A. Moore, Chair-Elect; Tony Kiang, Secretary/Treasurer

Women's Health: Sally Rafie, Chair; Brooke Griffin, Chair-Elect; Erin Koepf, Secretary/Treasurer; Rebecca Stone, Public Policy Liaison

NEW PRNs

Global Health and HIV Practice and Research Networks Approved

ACCP members seeking to network with member colleagues who share their practice and research interests now have a choice of 24 practice and research networks (PRNs), the newest of which are the Human Immunodeficiency Virus (HIV) and Global Health (GLBL) PRNs.

Both PRNs were approved by the ACCP Board of Regents earlier this year, and their inaugural business and networking meetings will be held during the Annual Meeting in Austin, Texas. The HIV PRN will meet on Monday, October 13, and the GLBL PRN will meet on Tuesday, October 14, both from 6:00 p.m. to 9:00 p.m. All interested students, postgraduate trainees, and practitioners are invited to attend.

The HIV PRN will give members an opportunity to collaborate on and discuss the management of HIV patients through transitions of care in both inpatient and ambulatory care settings. The PRN will help clinical pharmacists optimize care for HIV-infected patients by providing a forum in which to share evidence-based recommendations and professional experiences, according to Founding Chair Melissa Badowski, Pharm.D., an assistant professor at the University of Illinois at Chicago. "I am excited that ACCP has provided clinical pharmacists with an interest in HIV the opportunity to create the first HIV Practice and Research Network for pharmacists," Badowski said.

All clinical pharmacists who come in contact with one or many HIV-infected patients are encouraged to join the HIV PRN. To join, visit www.accp.com/prns/entrance.aspx?prn=hiv.

The Global Health PRN offers ACCP members a dedicated network to address global health concerns, help reduce disparities in the delivery of pharmacy services on an international level, and learn from the successes and mistakes of other nations through education, research, and idea sharing.

The founding chair of the Global Health PRN, Renee Holder, Pharm.D., BCPS, believes that clinical pharmacists should have a significant stake in establishing their role in global health. "I was thrilled to learn that ACCP has recognized the need for the Global Health PRN," she said. Dr. Holder is an assistant professor of pharmacy practice at Roseman University of Health Sciences College of Pharmacy, Henderson, Nevada. "Initial activities for the Global Health PRN will include proposing focus sessions for the 2015 Global Conference on Clinical Pharmacy and developing a PRN opinion paper on global clinical pharmacy practice," Holder further commented.

To join the Global Health PRN, visit www.accp.com/prns/entrance.aspx?prn=GLBL

PRN FOCUS SESSIONS

PRNs to Present Educational Focus Sessions at the 2014 Annual Meeting

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

Monday, October 13, 2014

1:30 p.m. – 3:30 p.m. (CDT)

- *Ambulatory Care PRN* – Implications of the Affordable Care Act on Ambulatory Care Clinical Pharmacy
- *Critical Care PRN* – Drug Dosing in Complicated Patients
- *Drug Information PRN* – Journal Clubs for the Millennial Generation
- *Education and Training PRN* – Successful Design and Implementation of Focused Educational Tracks
- *Pain and Palliative Care PRN* – Clinical Controversies of Cannabinoids for Pain Management: Evidence and Political Implications for Pharmacists

3:45 p.m. – 5:45 p.m. (CDT)

- *Adult Medicine PRN* – Beyond Acute Coronary Syndromes: Additional Indications for Dual Antiplatelet Therapy and Considerations for Use
- *Clinical Administration PRN* – Improving Medication-Related Key Performance Indicators with Innovative Utilization of Pharmacy Students
- *Emergency Medicine PRN* – An Urban and Wilderness Medicine Review
- *Hematology/Oncology PRN* – Development of Innovative Oncology Practice Models: The New Frontier
- *Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN* – Debates in the Teaching and Practice of Clinical Pharmacokinetics and Pharmacogenetics

Tuesday, October 14, 2014

10:15 a.m. – 12:15 p.m. (CDT)

- *Cardiology PRN* – Continuity of Cardiovascular Care: Considering Inpatient and Outpatient Perspectives for Heart Failure, Valve Disease, and Uncontrolled Cardiovascular Risk

- *Endocrine and Metabolism PRN* – Updates in Treatment Options for Diabetes
- *GI/Liver/Nutrition PRN* – Updates in Pharmacotherapeutic Management of Hepatitis C Virus (HCV) Infection
- *Immunology/Transplantation PRN* – The Development of Clinical Pharmacists in Transplantation and the Expansion of Clinical Pharmacy Services Within Immunology and Transplantation
- *Pediatrics PRN* – Clinical Controversies in Pediatric Critical Care
- *Women's Health PRN and Infectious Diseases PRNs* – Infectious Disease Considerations in Women's Health

3:30 p.m. – 5:30 p.m. (CDT)

- *Central Nervous System PRN* – Current Topics in the Management of Neurodegenerative Diseases
- *Geriatrics PRN* – Treating Older Adults Across the Age and Care Continuum—When the Guidelines Don't Apply
- *Infectious Diseases PRN* – Infectious Diseases Rapid Diagnostic and Point-of-Care Tests Across Sites of Care
- *Nephrology PRN and Ambulatory Care PRNs* –Treatment of Hypertension, Hyperlipidemia, and Obesity: New Guidelines and Special Considerations for Patients with Chronic Kidney Disease
- *Pharmaceutical Industry PRN* – The Drug Approval Process: Changes, Challenges, and How Clinical Pharmacists Can Get Involved

PRN BUSINESS AND NETWORKING MEETINGS

PRNs to Host Business Meetings and Networking Forums at 2014 Annual Meeting

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 Annual Meeting. All meeting registrants are invited to attend these events. A complete listing of PRN business meetings and networking forums follows.

Monday, October 13, 2014

6:00 p.m. – 9:00 p.m. (CDT)

Adult Medicine PRN – Join the Adult Medicine PRN officers and both 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 various committees.

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 and practice. After a brief business component, an informal reception will follow to facilitate networking among new and current members and collaboration on PRN-related projects.

Critical Care PRN – Join us for the Critical Care PRN networking reception/business meeting, and 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 presentation.

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

Education and Training PRN – After our business meeting, a brief discussion on interviewing skills will take place. Clinical faculty and practitioners from around the nation will then hold practice interviews for students getting ready to apply for jobs or residencies and for residents and fellows preparing to apply for their first career positions. All educators, students, and postgraduate trainees are invited to attend.

Endocrine and Metabolism PRN – New and current members of the PRN are invited to attend our networking forum and annual business meeting. A planned networking reception will follow.

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

HIV PRN – Join the HIV PRN as we host our inaugural business and networking meeting. The PRN will give members an opportunity to collaborate on and discuss the management of patients with HIV through transitions of care in both inpatient and ambulatory care settings. The PRN will help clinical pharmacists optimize care for HIV-infected patients by providing a forum in which to share evidence-based recommendations and professional experiences. All clinical pharmacists who come in contact with one or many HIV-infected patients are encouraged to attend.

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 recipients. The meeting closes with an open forum and networking opportunities. Snacks and beverages will be provided.

Pain and Palliative Care PRN – Join us for the annual Pain and Palliative Care PRN business meeting. This will include a presentation of travel awards, an open forum for business from any members who are present, an ACCP Board of Regents presentation, and an opportunity to connect with colleagues from around the country/world.

Pediatrics PRN – The Pediatrics PRN will be holding its annual business meeting and discussing the current and future activities of the PRN. This will include discussions of the activities of the Education, Awards, Nominations, Collaborations, Resident/Student, and Research committees. Included will be a presentation on research that is being done by the student and resident recipients of the Travel Award; updates on topics within the pediatrics clinical pharmacy environment including, but not limited to, board examination preparation; and updates on PRN finances.

Pharmacokinetics/Pharmacodynamics/

Pharmacogenomics PRN – Please join us for our PRN business meeting and networking forum.

Tuesday, October 14, 2014

Ambulatory Care PRN – Participants will join colleagues for an interactive and informative, yet fun-filled 90 minutes of activities, including several discussions designed to update them on the state of affairs of the PRN, while networking and sharing with other new and current members. Grab a friend and join us to connect with the Ambulatory Care PRN.

Central Nervous System PRN – Please join us for the Central Nervous PRN business meeting and networking forum.

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.

Emergency Medicine PRN – Please join us for our PRN business meeting and networking forum. All PRN members and interested meeting attendees are welcome. The business meeting will include an update of PRN activities and initiatives, presentations by our Student and Resident Travel Award recipients, and an opportunity to become involved with the PRN and meet others with interests and practices in emergency medicine. 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 on focus session topics for next year's meeting. We hope to honor our travel awardees and hear brief presentations of their projects. New officers for the PRN will be introduced, and an open forum will be held for any other issues the membership would like to discuss.

Global Health PRN – Join the Global Health PRN as we host our inaugural business and networking meeting. The PRN will provide existing and new ACCP members with a network to address global health concerns and to share practice models and research on an international level. Regardless of your practice setting or specialty, you probably have a topic or practice issue that you encounter on a regular basis that transcends geographic borders. Join us to learn more.

Health Outcomes PRN – Join the Health Outcomes PRN officers and prospective members during the business meeting and networking forum. During the business meeting, you will have the opportunity to interact with meeting attendees and learn about the PRN. Appetizers and beverages will be available for your enjoyment.

Hematology/Oncology PRN – The PRN business meeting will consist of discussions about committee accomplishments, PRN Student/Resident Travel Awards, PRN paper status, and additional PRN general business. The new officers will be introduced, and volunteers for committees will be solicited. The Resident/Fellow of the Year will make a presentation as well.

Immunology/Transplantation PRN – Current and prospective members are welcome to join. The business meeting will consist of installing new officers, discussing current and future PRN initiatives, and honoring the recipients of our PRN Resident/Fellow Travel Awards and hearing their brief presentations.

Infectious Diseases PRN – Please join us for the Infectious Diseases PRN business meeting and networking forum.

Pharmaceutical Industry PRN – The annual PRN business meeting serves as a networking opportunity for meeting attendees who share a practice focus or specific interest in industry practice. After a brief business meeting, an informal reception will take place to facilitate networking among new and current members of the PRN. Please join us. Snacks and beverages will be provided.

Women's Health PRN – Please join us to discuss current topics in women's health related to pharmacy education considering all areas (core curriculum, electives, and experiential) and with all learners (students and residents), foster meaningful discussion, gain increased awareness, receive networking opportunities related to this topic, and

determine the potential for further discussions, resources, or scholarship related to this topic for our membership at future meetings.

PRN NEWS BRIEFS

Adult Medicine PRN



Introduction:

The Adult Medicine PRN consists of practitioners, residents, and students who share interest in shaping the practice of adult medicine in a variety of settings through research and practice. The following paragraphs highlight some of the Adult Medicine PRN's activities and member accomplishments.

For the ACCP Annual Meeting, the Adult Medicine PRN Programming Committee has been actively planning a focus session highlighting the optimal use of dual antiplatelet therapy. Practitioners will have the opportunity to review current evidence regarding indications for antiplatelet therapy and strategies for preventing complications from treatment.

The PRN Archives Committee has been busy developing and revising online content and ensuring the content and format are best suited for our members. Our Training and Travel Awards Committee has received applications and will be awarding students and new practitioners with travel awards during the ACCP Annual Meeting. The Nominations Committee has also reviewed applications and will be presenting awards at the upcoming Annual Meeting.

Promotions:

- **Joel C. Marrs, Pharm.D., FNLA, BCPS (AQ Cardiology), BCACP, CLS**, has been promoted to associate professor at the University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences.
- **Grant E. Sklar, Pharm.D., BCPS**, has been promoted to senior principal clinical pharmacist, Department of Pharmacy, National University Hospital, Singapore.

Publications:

- **See S**, Conry J. Flip my class! A faculty development demonstration of a flipped classroom. *Curr Pharm Teach Learn* 2014;6:585-8.
- Hagstrom K, Nailor M, Lindberg M, Hobbs L, **Sobieraj DM**. Association of potentially inappropriate medication use in the elderly and hospital-related outcomes. *J Am Geriatr Soc* 2014. In press.
- Kang N, **Sobieraj DM**. Indirect treatment comparison of new oral anticoagulants for the

treatment of venous thromboembolism. *Thromb Res* 2014;133:1145-51.

- Kohn CG, Coleman CI, White CM, Sidovar MF, **Sobieraj DM**. Mobility, walking and physical activity in persons with multiple sclerosis. *Curr Med Res Opin* 2014. [Epub ahead of print]
- Phung OJ, **Sobieraj DM**, Engel SS, Rajpathak SN. Early combination therapy for the treatment of type 2 diabetes mellitus: systematic review and meta-analysis. *Diabetes Obes Metab* 2014;16:410-7.

Other Notable Achievements:

- **Kelly Holcomb, Pharm.D.**, was invited to present an oral presentation titled "Survey of Antibiotic Utilization for Treatment of *Mycobacterium abscessus* Infection Amongst Cystic Fibrosis Accredited Care Centers" at the 2014 North American CF Conference held in October in Atlanta, Georgia.
- **Beth H. Resman-Targoff, Pharm.D., FCCP**, gave a talk on March 28 titled "Individualizing Rheumatoid Arthritis Therapy." American Pharmacists Association Annual Meeting and Exposition, Orlando, FL. This was one of 11 sessions selected by APhA for videotaping for use as a home-study offering.
- **Diane Rhee, Pharm.D.**, was invited to give a presentation titled "Inhaled Antibiotics in the Non-cystic Fibrosis Adult Population – How Should We Use Them?" Presented at: 2014 California Society of Health-System Pharmacists Seminar Meeting; October 2014; San Francisco, CA.
- **Elizabeth Sebranek-Evans, Pharm.D.**, was invited to give two presentations: "Lytes Done Right: Safe Use of Fluids and Electrolytes" and "PK, PD, and FAQ: Effects of Bariatric Surgery on Nutrient and Drug Disposition." Presented at: 2014 California Society of Health-System Pharmacists Seminar Meeting; October 2014; San Francisco, CA.
- **Sharon See, Pharm.D., FCCP, BCPS**, was named the 2015 chair of the BPS Specialty Council on Pharmacotherapy.

Ambulatory Care PRN

Introduction:

This has been a year of "Building Better" for the Ambulatory Care PRN. Membership has risen from about 1700 members in October 2013 to a projected 2000 members by October 2014! This year, the PRN funded three Focused Investigator Training Scholarships and six members' ACCP Academy applications for the Annual

Meeting. The PRN has developed informational flyers promoting membership/involvement in the PRN for local ACCP student chapters and second-year residencies in ambulatory care, as well as piloted the implementation of the first PRN Facebook page. In addition, a virtual symposium for research presentations was held. The PRN has continued to advocate for provider status and has worked through its Advocacy Committee to keep the membership updated on the changing political landscape in relation to ACCP's provider status initiative. All of our members have been hard at work this year, and we are honored that they have chosen to be part of the Ambulatory Care PRN. Please see the information that follows for a list of submitted achievements.

Promotions:

- Brian K. Irons, Pharm.D., FCCP, BCACP, BCPS, BC-ADM: Professor, School of Pharmacy, Texas Tech University Health Sciences Center
- Mary Ann Kliethermes, Pharm.D., B.S.: Professor, Chicago College of Pharmacy, Midwestern University, Downers Grove, Illinois
- Joel C. Marrs, Pharm.D., FNLA, BCPS (AQ Cardiology), BCACP, CLS: Associate professor, University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences
- Katie S. McClendon, Pharm.D., BCPS: Clinical associate professor and appointed assistant dean for student services at Jackson Campus and director of student affairs for the Department of Pharmacy Practice, all with the University of Mississippi School of Pharmacy
- Lauren Peyton, Pharm.D., CDE: Associate professor of pharmacy practice, Union University School of Pharmacy
- Michelle Rager, Pharm.D., BCPS, CDE: Associate professor of pharmacy practice, Shenandoah University
- Andrew J. Smith, Pharm.D., BCPS (AQ Cardiology): Clinical associate professor, UMKC School of Pharmacy
- Mikayla L. Spangler, Pharm.D., BCPS: Associate professor, Creighton University School of Pharmacy and Health Professions
- Brad M. Wright, Pharm.D., BCPS: Associate professor, Auburn University Harrison School of Pharmacy

Awards:

- Justin Bouw, Faculty Service Award and Faculty of the Year for the Class of 2014

- Andrew Bzowyckyj, 2014 AADE Pharmacy Best Practices in Diabetes Care Award
- Kelly Cochran, Missouri Pharmacy Association Faculty Member of the Year
- Mary Beth O'Connell, Excellence in Teaching Award; Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University
- Angela N. Skaff, ASHP Student Leadership Award, Cardinal Health Scholarship, and FSHP Paul Magalian Student Leadership Award
- Robert Talbert, Robert K. Chalmers Award for Distinguished Teaching from AACP

Grants:

- Sarah L. Anderson, Pharm.D., BCPS: Million Hearts® Educational Outreach Grant, \$4000
- Sarah L. Anderson, Pharm.D., BCPS: University of Colorado Skaggs School of Pharmacy Department of Clinical Pharmacy Seed Grant, \$13,792
- Karen Gunning, Pharm.D., FCCP, BCPS: "Pharmacist to Treat" grant from the Utah Department of Health through the CDC Million Hearts Initiative, \$25,000
- Karen R. Sando, Pharm.D., BCACP, CDE: "Improving Geriatric Care Through Pharmacist-Physician Collaboration with the Medicare Annual Wellness Visit." W. Martin Smith Interdisciplinary Patient Safety and Quality Award, \$18,840
- Maria Miller Thurston, Pharm.D., BCPS: Moyo P, Lovett AW, **Thurston MM**, Liao TV, Advani A, Huang V. "Utilization of a Multidisciplinary Team to Reduce the Rate of Hospital Readmissions in Heart Failure Patients at a Community Teaching Hospital: The Pharmacist's Role." 2013 ASHP Foundation PPMI Demonstration Grant Program, \$22,788

Publications:

Sarah L. Anderson, Pharm.D., BCPS

- **Anderson SL**, Vande Griend JP. Quetiapine for insomnia: a review of the literature. *Am J Health Syst Pharm* 2014;71:394-402.
- King WM IV, Saseen JJ, **Anderson SL**. Characterization of diabetes risk factors in patients prescribed chronic statin therapy. *Ther Adv Chronic Dis*. First published online on April 3, 2014, at doi: 10.1177/2040622314530460.
- Woodward HN, **Anderson SL**. Once-weekly albiglutide in the management of type 2 diabetes: patient considerations. *Patient Prefer Adherence* 2014;8:789-803.

- **Anderson SL.** Establishing clinical pharmacy services in cardiology. In: Dong BJ, Elliott DP, eds. Ambulatory Care Self-Assessment Program. Cardiology Care. Lenexa, KS: American College of Clinical Pharmacy, 2014:245-67.
- **Anderson SL.** Dapagliflozin efficacy and safety: a perspective review. Ther Adv Drug Saf 2014. In press.

Emily M. Armstrong, Pharm.D., BCACP; Jessica Bellone, Pharm.D., BCACP; Lori Hornsby, Pharm.D., BCPS; and Haley Phillippe, Pharm.D., BCPS

- **Armstrong EM, Bellone J, Hornsby LB, Treadway S, Phillippe HM.** Acquired thrombophilia. J Pharm Pract 2014;27:234-42.
- **Armstrong EM, Bellone J, Hornsby LB, Treadway S, Phillippe HM.** Pregnancy-related venous thromboembolism. J Pharm Pract 2014;27:243-52.
- **Phillippe HM, Hornsby LB, Treadway S, Armstrong EM, Bellone J.** Inherited thrombophilia. J Pharm Pract 2014;27:227-33.
- **Hornsby LB, Armstrong EM, Bellone J, Treadway S, Phillippe HM.** Thrombophilia screening. J Pharm Pract 2014;27:253-9.

Kassandra Bartelme, Pharm.D., BCACP

- **Bartelme K, Bzowycyk A, Frueh J, Speedie M, Jacobson G, Sorensen TD.** Experience and outcomes of a pharmaceutical care leadership residency program. Innov Pharm 2014;5:Article TBA. Available at www.pharmacy.umn.edu/innovations/prod/groups/cop/@pub/@cop/@innov/documents/article/cop_article_486296.pdf.

Melissa G. Butler, Pharm.D., MPH, BCPSH

- Schmittiel JA, Raebel MA, Dyer W, Xu S, Goodrich GK, Schroeder EB, Segal JB, O'Connor PJ, Nichols GA, Lawrence JM, Kirchner HL, Karter AJ, Lafata JE, **Butler MG**, Steiner JF. Prescription medication burden in patients with newly diagnosed diabetes: a SURveillance, PREvention, and ManagEment of Diabetes Mellitus (SUPREME-DM) study. J Am Pharm Assoc (2003). 2014;54:374-82.
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- Schmittiel JA, Dyer W, Uratsu C, Magid D, O'Conner PJ, Beck A, **Butler MG**, Ho M,

Vasquez-Benitz G, Adams AS. Initial persistence with antihypertensive therapies is associated with depression treatment persistence, but not depression. J Clin Hypertens (Greenwich) 2014;16:412-7.

- Xu S, Schroeder EB, Shetterly S, Goodrich GK, O'Connor PJ, Steiner JF, Schmittiel JA, Desai J, Pathak RD, Neugebauer R, **Butler MG**, Kirchner L, Raebel MA. Accuracy of hemoglobin A1c imputation using fasting plasma glucose in diabetes research using electronic health records data. SOIC 2014;2:93-104.
- Murphy MV, Du D, Hua W, **Butler MG**, Davis RL, Johnson L, Nakasato C, Nordin JD, Ramesh M, Schum M, von Worley A, Zinderman C, Platt R, Klompas M. The utility of claims data for anterior cruciate ligament infection surveillance. Infect Control Hosp Epidemiol 2014;35:652-9.
- Li L, Vollmer WM, **Butler MG**, Wu P, Kharbanda EO, Wu AC. A comparison of confounding adjustment methods for asthma controller medication effectiveness assessment. Am J Epidemiol 2014;179:648-59.

Lisa M. Chastain, Pharm.D., BCPS, BCACP

- **Chastain LM**, Stapleton M, Frost J. A comparison of US treatment guidelines for type 2 diabetes mellitus: applications to the newly diagnosed patient. Diabetes Manage 2014;4:273-83.

Marie Davies, Pharm.D.

- **Davies ML**, Johnson MD, Brown JN, Bryan WE, Townsend ML. Predictors of glycemic control among HIV-positive veterans with diabetes. Int J STD AIDS 2014 May 14. [Epub ahead of print]

Elisa M. Greene, Pharm.D., BCACP

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Jennifer Goldman-Levine, Pharm.D., FCCP, BC-ADM, CDE

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Melody L. Hartzler, Pharm.D., CAE; and Elizabeth W. Young, Pharm.D., BCPS

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Robert Hutchison, Pharm.D.

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Eric Ip, Pharm.D., FCSHP, BCPS, CSCS, CDE

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Matt Kostoff, Pharm.D., BCPS

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Whitney Maxwell, Pharm.D., BCPS

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Katie S. McClendon, Pharm.D., BCPS

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Mary Beth O'Connell, Pharm.D.

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Jessica O'Neill, Pharm.D., BCACP, CLS

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Sweta M. Patel, Pharm.D., BCPS

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Lauren Peyton, Pharm.D., CDE

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Sharon See, Pharm.D., FCCP, BCPS

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Robert L. Talbert, Pharm.D., FCCP, FAHA, BCPS

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New ACCP Fellows:

- Samantha Karr, Pharm.D., BCPS, BCACP, BC-ADM; Midwestern University

- Joel C. Marrs, Pharm.D., FNLA, BCPS (AQ Cardiology), BCACP, CLS; Skaggs School of Pharmacy & Pharmaceutical Sciences
- M. Shawn McFarland, Pharm.D., BCPS, BCACP, BC-ADM; VA Tennessee Valley Healthcare System, Alvin C. York Campus and University of Tennessee College of Pharmacy
- Julie M. Sease, Pharm.D., BCPS, BCACP, CDE; Presbyterian College School of Pharmacy
- Mitzi Wasik, Pharm.D., BCPS; Aetna

Other Notable Achievements:

- Lyndsey N. Hogg, Pharm.D., BCACP: Selected by the Kansas Board of Pharmacy to serve on the newly established Collaborative Drug Therapy Management Advisory Board for the State of Kansas
- Eric J. Ip, Pharm.D., FCSHP, BCPS, CSCS, CDE: Named a 2014 fellow of the California Society of Health-System Pharmacists
- Samantha Karr, Pharm.D., BCPS, BCACP, BC-ADM: Elected vice chair for the Board of Pharmaceutical Specialties Specialty Council on Ambulatory Care Pharmacy for 2015
- Shannon Reidt, Pharm.D.: AFPE Faculty Development Fellowship in Geriatric Pharmacy
- Tiffany R. Shin, Pharm.D., BCACP: Selected by the Kansas Board of Pharmacy to serve on the newly established Collaborative Drug Therapy Management Advisory Board for the State of Kansas

Other:

- Marie Davies: Hired as assistant professor of pharmacy practice & administration at Western University of Health Sciences College of Pharmacy
- Eric Jackson: Retired after 30 years in the Department of Family Medicine

Cardiology PRN

Introduction:

The ACCP Cardiology PRN completed planning for the 2014 Annual Meeting, circulated the annual PRN newsletter, and began the process of evaluating candidates for Cardiology PRN awards (e.g., seed grant awards, travel awards). Task force groups worked on increasing PRN collaboration and PRN-written publications. The Cardiology PRN also held the inaugural online Cardiology PRN Journal Club, with PGY2 cardiology residents as presenters.

Promotions:

- Sally Arif was promoted to an associate professor with tenure at Midwestern University Chicago College of Pharmacy (July 1, 2014).
- Mike Dorsch was promoted to a clinical associate professor at the University of Michigan College of Pharmacy.
- Lingyun Lu was appointed as an assistant professor at California Northstate University College of Pharmacy.
- Joel C. Marrs was promoted to an associate professor at the University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences.
- Robert Lee Page II was promoted to a professor at the University of Colorado, Skaggs School of Pharmacy.
- Mary Parker was promoted to a clinical pharmacist specialist and clinic coordinator - ambulatory care (8A) at Durham VA Medical Center.
- Andrew Smith, Pharm.D., BCPS (AQ Cardiology), was promoted to a clinical associate professor, UMKC School of Pharmacy.
- Jodi Taylor, Pharm.D., BCPS, was promoted to an associate professor of pharmacy practice, Union University School of Pharmacy.
- Jonathan Thigpen obtained an assistant professor faculty position at Notre Dame of Maryland University.

Awards:

- Sally Arif was awarded the PS-2 Teacher of the Year at Midwestern University Chicago College of Pharmacy (May 2014).
- Sheryl Chow was named the 2013–2015 vice chair, AHA Clinical Pharmacology Committee, Clinical Cardiology Council, Writing Group Chair, AHA Advisory Statement: “The Role of Biomarkers for the Prevention, Assessment, and Management of HF.”
- Dave Dixon received the AACP Innovations in Teaching Portfolio Award in July.
- Steven Dunn was named a fellow of AHA.
- Abir Kanaan and Jennifer Donovan received the 2014 Faculty Scholarship Award in the area of *integration* for the following publication: Kanaan AO, Donovan JL, Tjia J, Field TS, Gagne S, Garber L, Cutrona SL, Harrold LR, Preusse P, Reed G, Gurwitz JH. Identification of adverse drug events post-hospital discharge in a geriatric population. *J Am Geriatr Soc* 2013;61;1894-9.

- Lingyun Lu and Cynthia A. Jackevicius received CV Team Best Poster at the ACCP 2014 Scientific Session, Washington, DC, for the following abstract: Lu L, Jackevicius CA, De Leon N, Warner A, Chang D, Mody FV. Impact of a multi-disciplinary heart failure post-discharge management clinic on medication adherence.
- Jacqueline S. Marinac received the AstraZeneca AZSpire Award, the top national performance award for employees with 2 years' or less experience.
- Carleton Maxwell was installed as the National President of the National Pharmaceutical Association 2014–2016 on July 21, 2014.
- Nikhat Syed received Added Qualifications in Cardiology.
- Nikhat Syed completed a master's degree in business administration from North Carolina State University.

Grants:

- Sally Arif received the American Heart Association Community Innovation Grant (\$4500) for a project titled “Cardiovascular and Diabetes Screening Program for the Middle-Eastern Community of Chicagoland” (June 2014).
- William Baker: Connecticut Institute for Clinical and Translational Sciences (CICATS) Career Development Award (Pre-K): \$108,788 (July 1, 2014 – June 30, 2016)
- Sheryl L. Chow, principal investigator for title: I-PRESERVE biomarker study: ST2 on Treatment Effect and Outcomes in Patients with Preserved Ejection Fraction
- James Coons: Coinvestigator: Using Personal Genome Testing to Teach Pharmacogenomics in a Large Lecture Course. Innovation in Education Award. Provost's Advisory Council on Instructional Excellence. May 1, 2014 – April 30, 2015. Grant total: \$18,708
- Critical Diagnostics, \$20,000 in-kind contribution
- Sony Tuteja-Stevens: Pharmaceutical Research and Manufacturers of America (PhRMA) Foundation, Research Starter Grant in Translational Medicine and Therapeutics. “Metabolomics-Guided Pharmacogenomics of Niacin”

Publications:

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- Trujillo TC, Dobesh P. Clinical use of rivaroxaban: pharmacokinetic and pharmacodynamic rationale for dosing regimens in different indications. *Drugs*. In press.
- Tuteja S, Rader DJ. High-density lipoproteins in the prevention of cardiovascular disease: changing the paradigm. *Clin Pharmacol Ther* 2014;96:48-56.
- Waite L, Phan YL, Spinler S. Cangrelor: a novel antiplatelet agent with a questionable future. *Pharmacotherapy* 2014 Aug 13.
- Xu S, Schroeder EB, Shetterly S, Goodrich GK, O'Connor PJ, Steiner JF, Schmittiel JA, Desai J, Pathak RD, Neugebauer R, Butler MG, Kirchner L, Raebel MA. Accuracy of hemoglobin A1c imputation using fasting plasma glucose in diabetes research using electronic health records data. *SOIC* 2014;2:93-104.

Posters/Abstracts Presented:

- Jiang WJ, Phan P, Baker B, Chow SL. C-reactive protein does not predict therapeutic response in patients with heart failure: a meta-analysis. Poster presented at: ACC Scientific Sessions; March 29, 2013; Washington, DC. *JACC* 2014;63:A189.
- Lu L, Jackevicius CA, De Leon N, Warner A, Chang D, Mody FV. Impact of a multi-disciplinary heart failure post-discharge management clinic on medication adherence. Poster presented at: Abstract of American College of Cardiology (ACC) 2014 Scientific Session; 2014; Washington, DC. (Awarded ACC CV Team Best Poster)

- Lu L, Krumholz HM, Tu J, Ko DK, Ross J, Jackevicius CA. Impact of drug policy on regional trends in ezetimibe use. Presented at: Abstract of American Heart Association Quality of Care and Outcomes Research (AHA/QCOR) Meeting; 2014; Baltimore, MD. (Invited for representation as a poster at AHA Scientific Session 2014)

The following PRN members were elected as new ACCP Fellows:

- Rhonda Cooper-DeHoff
- Cynthia Jackevicius
- Joel Marrs
- Mary Parker
- Mary Beth Shirk
- Jessica Staff
- Orly Vardeny

Other Notable Achievements:

- William Baker: University of Connecticut School of Pharmacy 2014 Teacher of the Year
- Mike Dorsch and Barry Bleske published an iOS app for the education of patients with heart failure, named ManageHF (<https://itunes.apple.com/us/app/managehf/id898845558?mt=8>).
- Publication: "Identification of Adverse Drug Events Post-hospital Discharge in a Geriatric Population." Reviewed by S.A. Brett, who also interviewed Abir Kanaan—Adverse drug events are common just after hospitalization—*N Engl J Med Journal Watch Audio: General Medicine*, January 9, 2014. Available at www.jwatch.org/na33302/2014/01/09/adverse-drug-events-are-common-just-after-hospitalization. Accessed April 4, 2014. Featured by: [What ADEs Are Common After Hospital Discharge in Older Adults?](#) The publication was also recognized by *Medscape Pharmacists MedPulse: Top Stories*, December 10, 2013.

Clinical Administration PRN

The Clinical Administration PRN continues to grow and is now at an all-time high of 459 members. The PRN has been actively engaged in committees, including the Nominations, Travel Awards, and Annual Meeting Focus Session Planning committees.

This year, the Clinical Administration PRN offered two new travel scholarships of \$500 each. The Clinical Administration PRN Travel Award is intended to provide partial financial support for students, residents, or fellows interested in administrative career paths to attend the 2014 ACCP Annual Meeting.

The Annual Meeting Focus Session Planning Committee developed a focus session in which experts from around the country will share how they have successfully employed pharmacy students in innovative ways to improve key performance indicators.

Promotions:

David L. Lourwood, Pharm.D., FCCP, BCPS, was promoted to adjunct clinical associate professor of pharmacy practice by the St. Louis College of Pharmacy and the School of Pharmacy at the University of Missouri-Kansas City.

Grants:

Elizabeth Michalets

- Landers A, **Michalets E**, DeJong D; American Society of Health-System Pharmacists (ASHP) Residency Expansion Grant for PGY2 in Emergency Medicine; 2014–2015
- **Michalets E**, Rafferty A, Sutherland S, Arledge J; American Society of Health-System Pharmacists (ASHP) Practice Model Grant; “Pharmacist-Provided Medication Management in Interdisciplinary Transitions (PMIT),” 2014–2015

Publications:

- **Elizabeth Michalets**: Conger M, Oramasionwu C, Duffey K, Bailey SC, Shilliday BB, Brown L, Denslow S, **Michalets E**. Impact of health literacy on time in therapeutic range for outpatients on warfarin: preliminary data. Abstract and poster presented at: Health Literacy Research Conference (HARC); Washington, DC.
- **Elizabeth Michalets**: Tilton R, **Michalets EL**, Delk B, Ramming S. Outcomes associated with prothrombin complex concentrate for international normalized ratio reversal in patients on oral anticoagulants with acute bleeding. *Ann Pharmacother* 2014; published ahead of print June 5, 2014. <http://aop.sagepub.com/cgi/reprint/1060028014537897v1.pdf?ijkey=SixREbdHczpRIn&keytype=ref>
- **John Noviasky**: **Noviasky J**, Pierce DP, Whalen K, Guharoy R, Hildreth K. Bupivacaine liposomal versus bupivacaine: comparative review. *Hosp Pharm* 2014;49:539-43.

Notable Achievements

- **Richard J. Artymowicz**, Pharm.D., MBA, FCCP, BCPS, received a master’s degree in business administration from Rutgers University in May. Dr. Artymowicz serves as the director of pharmacy

services and administrative director of cardiac, respiratory, and sleep services at Cape Regional Medical Center in Cape May Court House, New Jersey.

- **Angela Smith**, Pharm.D., MHA, BCPS, graduated in August from Pfeiffer University with a master’s degree in health care administration.

Critical Care PRN

The various Critical Care PRN committees include the Recognition; Program; Student, Resident, and Fellow; Awards; Research; and Communication committees. These committees have made significant progress in achieving their respective charges. The Communication Committee has already published a critical care newsletter informing our PRN membership of current activities and opportunities to become involved. The Travel and Research committees have sent out a call to the membership for various awards and grant opportunities. In addition, many of our PRN members have received various awards and promotions and made other notable achievements.

Promotions:

- **Drayton A. Hammond**: Clinical assistant professor at University of Arkansas for Medical Sciences
- **Eric Mueller**: Assistant director, Clinical Pharmacy Services and Research, University of Cincinnati Medical Center
- **Farzana Musawwir**: Critical care clinical pharmacist at UM BWMC

Awards:

- **Scott Bolesta**: Society of Critical Care Medicine Presidential Citation
- **Mitchell S. Buckley**: Fellow of the American Society of Health-System Pharmacists
- **Mason Bucklin**: ACCP EMED PRN Resident Travel Award
- **Alexander H. Flannery**: Kentucky Society of Health-System Pharmacists Resident of the Year
- **Erin Frazee**: Mayo Clinic New Preceptor of the Year Award
- **Drayton A. Hammond**: Florida Residency Conference PGY2 Excellence in Research Award
- **Sara Jordan**: ACCP Virtual Poster Symposium Best Poster
- **Stacey Moultrie**: UF Health Shands Children’s Hospital Medication Safety Good Catch Award

- **Farzana Musawwir:** Special recognition from American Society of Bangladeshi Pharmacists (AABPS) for clinical accomplishment

Grants:

- **Leslie Hamilton:** University of Tennessee College of Pharmacy Scholarship of Teaching and Learning Seed Grant, 2013, principal investigator
- **Eric Mueller:** U.S. Air Force FA8650-10-2-6140 proposal
- **Antonia (Toni) Vilella:** Grant from AdvanDX to complete the MAD-ID Advanced Antimicrobial Stewardship Program Certificate

Publications:

- **Anger KE.** Dexmedetomidine: a review of its use for the management of pain, agitation, and delirium in the intensive care unit. *Curr Pharm Des* 2013;19:4003-13.
- **Anger KE,** Adams CD, Greenwood BC, Fanikos J. Antithrombotic therapy in critically ill patients. In: Irwin and Rippe's Manual of Intensive Care Medicine, 6th ed. New York: Wolters Kluwer, 2014:664-89.
- **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.
- **Anger KE,** Degrade JR, Greenwood BC, Cohen SA, Szumita PM. Evaluation of recombinant activated protein C for severe sepsis at a tertiary academic medical center. *Ther Clin Risk Manag* 2013;9:277-84.
- Beik N, **Anger KE,** Forni AF, Bawa K, Szumita PM. Evaluation of a guideline for hyperglycemic emergencies at a tertiary academic medical center. *Ann Pharmacother* 2013;47:1260-5.
- Reardon DP, **Anger KE,** Adams CD, Szumita PM. Evaluating the role of dexmedetomidine in adult patients in the intensive care unit: updated review. *Am J Health Syst Pharm* 2013;70:767-77.
- Reardon DP, Degrade JR, **Anger KE,** Szumita PM. Early vasopressin reduces incidence of new onset arrhythmias. *J Crit Care* 2014.
- Sylvester K, Fanikos J, **Anger KE,** Matta L, Southard RA, Beik N, Lemire S, Dorfman DM, Berliner N. Testing for heparin-induced thrombocytopenia: enzyme-linked immunosorbent assay impacts management. *Pharmacotherapy* 2013;33:1191-8.

- Torbic H, Forni AA, **Anger KE,** Degrade JR, Greenwood BC. Use of antiepileptics for seizure prophylaxis after traumatic brain injury. *Am J Health Syst Pharm* 2013;70:759-66.
- Torbic H, Forni AA, **Anger KE,** Degrade JR, Greenwood BC. Antiepileptics for seizure prophylaxis after traumatic brain injury. *Am J Health Syst Pharm* 2013;70:2064-7.
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- **Birrer KL.** Pain, agitation, and delirium in the ICU. In: Murphy JE, Lee MWL. eds. *Pharmacotherapy Self-Assessment Program, 2014 Book 1. Critical and Urgent Care II.* Lenexa, KS: ACCP, 2014:177-97.
- Bayouth L, Safcsak K, Cheatham ML, Smith CP, Birrer KL, Promes JT. Early intravenous ibuprofen decreases narcotic requirement and length of stay following traumatic rib fracture. *Am Surg* 2013;79:1207-12.
- **Bolesta S.** Acute kidney injury. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach, 9th ed.* New York: McGraw-Hill, 2014:157-8.
- **Bolesta S,** Montgomery PA. Pancreatitis. In: DiPiro JT, Talbert RL, Yee GC, et al., eds. *Pharmacotherapy: A Pathophysiologic Approach, 9th ed.* New York: McGraw-Hill, 2014:565-82.
- **Buckley MS,** Berry AJ, Kazem NH, Patel SA, Librodo PA. Clinical utility of treprostinil in the treatment of pulmonary arterial hypertension: an evidence-based review. *Core Evid* 2014;9:71-80.
- **Bucklin MH,** Acquisto NM, Nelson C. The effects of recombinant activated factor VII dose on the incidence of thromboembolic events in patients with coagulopathic bleeding. *Thromb Res* 2014;133:768-71.
- **Bucklin MH,** Gorodetsky RM, Wiegand TJ. Prolonged lipemia and pancreatitis due to extended infusion of lipid emulsion in bupropion overdose. *Clin Toxicol* 2013;51:896-8.
- **Bucklin MH,** Groth CM. Mortality following rasburicase-induced methemoglobinemia. *Ann Pharmacother* 2013;47:1353-8.
- Engle JP, Erstad BL, Anderson DC, Bucklin MH, Chan A, Donaldson AR, Hagemann TM, Rodgers PT, Schwinghammer T, Tennant S, Thomas Z. Minimum qualifications for clinical pharmacy practice faculty. *Pharmacotherapy* 2014;34:e38-e44.

- **Flannery AH**, Flynn JD. More questions than answers in ICU delirium: pressing issues for future research. *Ann Pharmacother* 2013;47:1558-61.
- **Flannery AH**, Hatton KW, Phillips B. Sedation and delirium in intensive care. *N Engl J Med* 2014;370:1566-7.
- **Flannery AH**, Thompson Bastin ML. Oseltamivir dosing in critically ill patients with severe influenza. *Ann Pharmacother* 2014 May 9.
- Flynn JD, McConeghy KW, **Flannery AH**, Nestor M, Branson P, Hatton KW. Utilization of pharmacist responders as a component of a multidisciplinary sepsis bundle. *Ann Pharmacother* 2014 Jun 5.
- **Fraze EN**, Nystrom EM, McMahon MM, Williamson EE, Miles JMM. Relationship between triglyceride tolerance, body mass index, and fat depots in hospitalized patients receiving parenteral nutrition. *J Parenter Enteral Nutr* 2014.
- **Fraze EN**, Rule AD, Herrmann SM, Kashani KB, Leung N, Virk A, Voskoboev N, Lieske JC. Serum cystatin C predicts vancomycin trough levels better than serum creatinine in hospitalized patients: a cohort study. *Crit Care* 2014.
- Leedahl DD, **Fraze EN**, Schramm GE, Dierkhising RA, Bergstralh EJ, Chawla LS, Kashani KB. Derivation of urine output thresholds that identify a very high risk of AKI in patients with septic shock. *Clin J Am Soc Nephrol* 2014.
- Personett H, Larson S, **Fraze EN**, Nyberg S, Leung N, El-Zoghby ZM. The impact of molecular adsorbent recirculating system therapy on tacrolimus elimination: a case report. *Transplant Proc* 2014.
- **Hamilton LA**, Abbott GV, Cooper JB. High-risk non-ST elevation acute coronary syndrome outcomes in patients treated with unfractionated heparin monitored using anti-Xa concentrations versus activated partial thromboplastin Time. *Hosp Pharm* 2013;48:38.
- **Hammond DA**, DeRemer CE, Killough DM, Berman A. Intermediate-dose enoxaparin after cardiac ablation procedures. *JHC* 2014.
- **Hammond DA**, Norris KR, Phillips MS. Embracing challenges when co-precepting pharmacy students. *Hosp Pharm* 2014;49:348-54.
- **Hammond DA**, Tan S, DeLosSantos M. Letter to the editor on use of ranolazine in the prevention and treatment of postoperative atrial fibrillation in patients undergoing cardiac surgery. *Ann Pharmacother* 2014.
- Alhazzani W, **Jacobi J**, Sindi A, et al. The effect of selenium therapy on mortality in patients with sepsis syndrome: a systematic review and meta-analysis of randomized controlled trials. *Crit Care Med* 2013;41:1555-64.
- **Johnson PN**, Benefield EC, Bui PN, Gausaman JN, Marlar RA, Gessouroun M. Fondaparinux monitoring: need for a local fondaparinux calibrated anti-factor Xa assay. *J Pediatr Pharmacol Ther* 2013;18:318-9.
- **Johnson PN**, Benefield EC, Bui PN, Marlar RA, Gessouroun M. Fondaparinux in an obese child with heparin-induced thrombocytopenia and a history of renal failure. *J Pediatr Pharmacol Ther* 2013;18:303-10.
- **Johnson PN**, Miller JL, Hagemann TM, Castro C, Harrison D. External validation of the Medication Taper Complexity Score for methadone tapers in children with opioid abstinence syndrome. *Ann Pharmacother* 2014;48:187-95.
- Andrews MA, **Johnson PN**, Lammers EM, Harrison DL, Miller JM. Acetazolamide in critically ill neonates and children with metabolic alkalosis. *Ann Pharmacother* 2013;47:1130-5.
- Andrews MA, Miller JL, Allen C, Hagemann TM, Harrison DL, **Johnson PN**. Implementation of a bowel regimen in critically ill children: a pilot study. *J Pediatr Intensive Care* 2013;2:63-9.
- Cottrell M, Rathbun C, Webb R, **Johnson PN**, Lockhart S. Implications for hepatitis C treatment and disease progression in an HIV/HCV co-infected population. *J Virol Antivir Res*.
- Lammers EM, **Johnson PN**, Ernst KD, Hagemann TM, Lawrence SM, Williams PK, Anderson MP, Miller JM. Association of continuous infusion fentanyl on neurodevelopmental outcomes in very low birth weight infants. *Ann Pharmacother* 2014;48:335-42.
- Miller JL, Schaefer J, Tam M, Harrison D, **Johnson PN**. Ethacrynic acid continuous infusions in pediatric patients. *J Pediatr Pharmacol Ther* 2014;19:50-6.
- Miller JM, Thomas AN, **Johnson PN**. Continuous infusions of loop diuretics in critically ill children. *Pharmacotherapy*.
- **Logan JK**, Pantle H, Huiras P, Bessman E, Bright L. Evidence-based diagnosis and thrombolytic treatment of cardiac arrest or periarrest due to suspected pulmonary embolism. *Am J Emerg Med* 2014;32:789-96.
- Elsoueidi R, Craig J, **Mourad H**, Richa EM. Safety and efficacy of FOLFOX followed by cetuximab for metastatic colorectal cancer with

severe liver dysfunction. *J Natl Compr Canc Netw* 2014;12:155-60.

- Elsoueidi R, Mulat A, **Mourad H**. Bendamustine treatment in a heavily pretreated Hodgkin lymphoma patient. *J Oncol Pharm Pract* 2014 May 19.
- Brown A, Sangha K, **Mueller EW**, Kaur D, Keegan S. Letter on: Kane S, Bress AP, Tesoro EP. Characterization of unbound phenytoin concentrations in neurointensive care unit patients using a revised Winter-Tozer equation. *Ann Pharmacother*.
- Droege ME, **Mueller EW**, Hanseman DJ, Besl KM, Lemmink JA, Kramer EA, Athota KP, Droege CA, Ernst NE, Keegan SP, Lutomski DM, Robinson BRH. Effect of a dalteparin prophylaxis protocol using anti-factor Xa concentrations on venous thromboembolism in high-risk trauma patients. *J Trauma Acute Care Surg* 2014;76:450-6.
- Moore ME, **Mueller EW**. Aerosolized antibiotic therapy: a forward aerial assault or forced contingency for ventilator-associated pneumonia? *Respir Care* 2012;57:1348-9.
- Moore ME, **Mueller EW**, Robinson BRH. Clinical pharmacology. In: Ashley S, Wilmore DW, Klingensmith ME, et al., eds. *ACS Surgery: Principles and Practice*. Chicago: BC Decker, 2011:chap 23.
- Robinson BRH, Blakeman T, Toth P, Hanseman DJ, **Mueller EW**, Branson R. Patient-ventilator asynchrony in a traumatically injured population. *Respir Care* March 2013.
- **Rech MA**, Fleming JN, Moore CL. 25-Hydroxyvitamin D deficiency predicts incidence of opportunistic viral infections after kidney transplantation. *Exp Clin Transplant* 2014;2:95-100.
- **Rech MA**, Hunsaker T, Rodriguez J. 25-Hydroxyvitamin D deficiency predicts 30-day mortality in patients with severe sepsis and septic shock. *Am J Crit Care*. In press.
- Rech MA, To L, Tovbin A, et al. Heavy metal in the ICU: a review of current literature on trace element supplementation in critically ill patients. *Nutr Clin Pract* 2014;29:78-89.
- Bauman ZM, Killu K, **Rech MA**, et al. Racial differences in vasopressor requirements for septic shock. *Shock* 2014;41:188-92.
- **Vilella AL**, Limsuwat C, Williams DR, Seifert CF. Cholestatic jaundice as a result of combination designer supplement ingestion. *Ann Pharmacother* 2013;47:e33.
- **Vilella AL**, Seifert CF. Timing and appropriateness of initial antibiotic therapy in newly presenting septic

patients. *Am J Emerg Med* 2014;32:7-13.

- **Wood GC**, Boucher AB, Johnson JL, Wisniewski JN, Magnotti LJ, Croce MA, Swanson JM, Boucher BA, Fabian TC. Effectiveness of pseudoephedrine as adjunctive therapy for neurogenic shock after acute spinal cord injury: a case series. *Pharmacotherapy* 2014;34:89-93.
- **Wood GC**, Swanson JM. Hypovolemic shock. In: Katz M, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy Principles and Practice Study Guide: A Case-Based Care Plan Approach*, 3rd ed. New York: McGraw-Hill, 2013:55-8.
- Boucher BA, **Wood GC**. Acute management of the brain injury patient. In: DiPiro JT, Talbert RL, Yee GC, et al., eds. *Pharmacotherapy: A Pathophysiologic Approach*, 9th ed. New York: McGraw-Hill, 2014:895-910.
- Monteen MR, Ponnappa S, **Wood GC**, Croce MA, Swanson JM, Boucher BA, Fabian TC. Treatment of *Chryseobacterium indologenes* ventilator-associated pneumonia in a critically ill trauma patient: a case report. *Ann Pharmacother* 2013;47:1736-9.
- Ponnappa S, Swanson JM, **Wood GC**, Boucher BA, Wells DL, Croce MA, Fabian TC. Treatment of *Rhizobium radiobacter* bacteremia in a critically ill trauma patient. *Ann Pharmacother* 2013;47:1584-7.

New ACCP Fellows:

Mitchell S. Buckley, Pharm.D., FCCM, BCPS

Anthony T. Gerlach, Pharm.D., FCCM, BCPS

Other Notable Achievements:

- Scott Bolesta: Fellow of Critical Care Medicine and member-at-large, Research Section, Society of Critical Care Medicine
- **Erin Frazee**: SCCM CPP Research Committee Chair

Leslie Hamilton: Chair, AACP Pharmacy Practice Awards Committee

- **Drayton A. Hammond**: Board Certified Pharmacotherapy Specialist
- **Judith Jacobi**: ACCP president-elect
- **Pete Johnson**: PGY2 Pediatric Pharmacy Residency Program director at University of Oklahoma College of Pharmacy; Advocacy Committee chair with Pediatric Pharmacy Advocacy Group; and member of the ASHP Pediatric Specialty Examination Review Course

- **Sara Jordan:** Board Certified Pharmacotherapy Specialist
- **Jill Logan:** American Society of Health-System Pharmacists New Practitioner Forum, Pharmacy Advisory Group 2012–2013
- **Hesham Mourad:** Board Certified Pharmacotherapy Specialist and House of Delegates-Kentucky Society of Health-System Pharmacists
- **Eric Mueller:** Chair, ACCP Fellowship Review Committee, and section writer, Pharmacy Residency Expansion Grant, University of Cincinnati Medical Center, American Society of Health-System Pharmacists Foundation, 2013
- **Farzana Musawwir:** Board Certified Pharmacotherapy Specialist and service on an academic task force for American Society of Bangladeshi Pharmacists (AABPS)
- **Alia Poore:** OCCP Planning Committee co-chair
- **Megan Rech:** Board Certified Pharmacotherapy Specialist, Society of Critical Care Medicine Clinical Pharmacy and Pharmacology Research charge leader, Literature Update Publications
- **Nikhath Syed:** Added Qualifications in Cardiology
- **Chris Wood:** Regent of ACCP

Other:

- **Stacey Moultrie:** NIH Training Certificate of Course Completion and University of Florida College of Pharmacy portfolio mentor
- **Nikhath Syed:** Earned MBA from NC State University
- **Chris Wood:** Chosen to attend the 2013 ACCP FIT Program (received the ID PRN scholarship)

Drug Information PRN

Promotions:

- Hanrahan C. Drug information specialist at Intermountain Healthcare; previously PGY2 drug information resident at the Medical University of South Carolina

Awards:

- Phillips J. Outstanding Advisor Award, Midwestern University Student Senate

Publications:

- Bryson ML. Insomnia: focus on new dosing concerns in women. *Pract Pain Manage* 2014;14:45-53.

Available at www.practicalpainmanagement.com/resources/clinical-practice-guidelines/insomnia-focus-new-dosing-concerns-women.

- Bryson ML, Kean N. New dosing for Lunesta cuts next-day “hangover” effect. *Pract Pain Manage* May 19, 2014. Available at www.practicalpainmanagement.com/patient/treatments/medications/new-dosing-lunesta-cuts-next-day-hangover-effect.
- Cogdill BR, Ross CA, Hurst JM, Garrison KL, Drayton SJ, Wisniewski CS. Evaluation of urinalyses ordered for diagnosis of urinary tract infections at an inpatient psychiatric hospital. *Int J Psychiatry Med* 2014;47:17-24.
- Davies ML, Johnson MD, Brown JN, Bryan WE, Townsend ML. Predictors of glycemic control among HIV-positive veterans with diabetes. *Int J STD AIDS* 2014 May 14. [Epub ahead of print]
- Galanter WL, Bryson ML, Falck S, et al. Indication alerts intercept drug name confusion errors during computerized entry of medication orders. *PLoS One* 2014;9:e101977.
- Glaholt S, Hayes GL, Wisniewski CS. Evaluation of discharge medication orders following automatic therapeutic substitution of commonly exchanged drug classes. *P T* 2014;39:267-72.
- Hanrahan C, Aungst TD, Cole S. Evaluating Mobile Medical Applications [Internet]. ASHP eReport. Bethesda, MD: American Society of Health-System Pharmacists, 2014. Available at <http://ebooks.ashp.org/catalog/show/ashp+ereports/12>.
- Hanrahan C, Cole SW. Assessment of drug information resource preferences of pharmacy students and faculty. *J Med Libr Assoc* 2014;102:117-21.
- Hanrahan C, New JP. Antidepressant medications: the FDA-approval process and the need for updates. *Ment Health Clin* 2014;4:45.
- Lindquist D, Cruz J, Brown JN. Use of erythropoiesis-stimulating agents in the treatment of anemia in patients with systolic heart failure. *J Cardiovasc Pharmacol Ther* 2014 Jul 3. [Epub ahead of print]
- McLaughlin MM, Skoglund E, Gettig JP. Residency information preferences of recent pharmacy residency applicants. *J Pharm Technol* 2014 Jun 19. [Epub ahead of print]
- Patil A, Patil N, Lewis A, Swamy G, Murtha A. Healthcare providers’ use of a drug information service (DIS) for pregnancy related inquiries. *J Am Pharm Assoc* (2003). In press.
- Peters S, Pappas A. Effects of bisphosphonate use on fetal outcomes. *Am J Health Syst Pharm*. In press.

- Phillips J, Lam C, Palmisano L. Analysis of the accuracy and readability of herbal supplement information on Wikipedia. *J Am Pharm Assoc* (2003) 2014;54:406-14.
- Prasad B, Bryson ML. Insomnia treatments. *Pract Pain Manage* 2014 Jun 12. Available at www.practicalpainmanagement.com/patient/conditions/insomnia/insomnia-treatments.
- Schneider K, Phillips J. Lutein and zeaxanthin for age-related macular degeneration. *Ill Pharm* 2014;76:33-5.
- Thornby K, Johnson A, Axtell S. Dornase alfa for non-cystic fibrosis pediatric pulmonary atelectasis. *Ann Pharmacother* 2014;48:1040-9.
- Wright EA, Brown B, Gettig J, et al. Teaching and learning curriculum programs: recommendations for postgraduate pharmacy experiences in education. *Am J Health Syst Pharm* 2014;71:1292-302.
- Zullig LL, Pathman J, Melnyk SD, Brown JN, Sanders LL, Koropchak C, Howard T, Danus S, McCant F, Bosworth HB. A protocol to evaluate the efficacy, perceptions, and cost of a cholesterol packaging approach to improve medication adherence. *Contemp Clin Trials* 2014 Aug 10. [Epub ahead of print]

Other Notable Achievements:

- Bryson ML. Design and implementation of an algorithm to detect look-alike/sound-alike medication errors: a pilot study. Poster presented at: American Society of Health-System Pharmacists Summer Meeting; June 2, 2014; Las Vegas, NV.
- Bryson ML. Adherence management: expanding the role of the pharmacist and technician. Co-presented a 90-minute session at: Thoughtspot 2014 AmerisourceBergen Annual Tradeshow; July 30, 2014; Las Vegas, NV.
- Bryson ML. Prevention of drug name confusion errors—an unexpected side effect of CPOE indication alerts. Presented at: Informatics Pearls 2013 Session. American Society of Health-System Pharmacists Midyear Clinical Meeting; December 12, 2013; Orlando, FL.
- Pappas A. Contributing author to Pharmacy Times Health-System edition and submits six formulary drug reviews each year
- Pappas A. Invited presentation for the American Association of Critical Care Nurses (AACN)

Education and Training PRN

The Education and Training PRN has grown to more than 560 members who continue to advance the PRN's

mission of promoting dialogue and interaction to develop programs that enhance the knowledge and skills needed to provide education and training within clinical pharmacy. The PRN is happy to share the many accomplishments of its members and looks forward to another busy year.

First, we would like to welcome Joshua Caballero, Pharm.D., BCPP, as our incoming chair-elect and Laura Tsu, Pharm.D., BCPS, CGP, as our incoming secretary/treasurer. Dr. Caballero is an associate professor at Nova Southeastern University. Dr. Tsu is an assistant professor - pharmacy practice, Midwestern University - College of Pharmacy Glendale. We look forward to working with them. Sarah Nisly, Pharm.D., BCPS, will move from serving as chair-elect to chair for the upcoming year, and Kristi Kelley, Pharm.D., FCCP, BCPS, CDE, will serve an additional year as past chair. We want to thank Samantha Karr, Pharm.D., BCPS, BCACP, for her leadership and commitment to the PRN as she completes her service as past chair. Thank you, Dr. Karr, for all of your hard work!

The EDTR PRN will once again host the mock interviews for students and residents during the 2014 Annual Meeting in Austin immediately after the business meeting and networking forum on Monday, October 13, at 6 p.m. During the 2013 Annual Meeting, 52 interviewees took advantage of this opportunity to learn key interviewing skills from clinical faculty and practitioners in preparation for residency or initial career position interviews. Thirty-seven interviewers graciously volunteered their time to make this event a success. Most participants were able to go through two rounds of mock interviews to receive valuable feedback from several 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 Student and Postgraduate Trainee Support Committee has had a busy and productive year, from providing support to the StuNet Advisory Committee to expanding the EDTR PRN Travel Scholarship to three awards, thanks in part to the success of the PRN's first annual silent auction held during its annual business meeting. The recipients will be recognized in Austin at the PRN business meeting, where they will provide a short presentation. Please come by to support our winners and future colleagues. A special thanks to Michelle Musser, Pharm.D., BCPS; Heather Pentecost, Pharm.D.; James Scott, Pharm.D., FCCP; Andrew Smith, Pharm.D., BCPS; Yasar Tasnif, Pharm.D., BCPS; Laura Tsu, Pharm.D., BCPS; Alana Whittaker, Pharm.D.; and Nancy Yunker, Pharm.D., BCPS, for their work on the Selection Committee.

The PRN is pleased to recognize two of its members who were participants in this year's FIT Program as part of ACCP's Research Institute: Daniel Riche, Pharm.D.,

BCPS, CDE; and Kayla Stover, Pharm.D., BCPS (AQ-ID), both with the University of Mississippi. The PRN voted to cover half tuition earlier this year. Both Drs. Riche and Stover received support from additional PRNs to cover their tuition for their participation. Dr. Stover received full tuition from the ID PRN, and Dr. Riche received half tuition from the Ambulatory Care PRN and the remaining half from the EDTR PRN. We are delighted to recognize these two members and their ongoing research. Dr. Riche's research involves dietary supplements and hypertension. Dr. Stover's research interest is in the area of antifungal pharmacotherapy. Both recipients will take a few moments to share their experiences with the FIT Program during our annual PRN business meeting in Austin. We look forward to learning more and encouraging our PRN members to participate in the future!

Don't forget that the Scholarly Activities Committee has sponsored an enduring program on YouTube created specifically for the EDTR PRN, "Primer on Psychometric Issues with Educational Testing," by Michael J. Peters, Pharm.D., MEd, BCPS. The program can be accessed by the link available through the PRN homepage. Continue to watch the e-mail list for information concerning additional programs to be offered in the future.

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

Promotions:

- **Emily Flores, Pharm.D., BCPS**, was promoted to associate professor within the Department of Pharmacy Practice at Gatton College of Pharmacy.
- **Katie McClendon, Pharm.D., BCPS**, was promoted to clinical associate professor in addition to being appointed assistant dean for student services - Jackson Campus and director of student affairs for the Department of Pharmacy Practice with the University of Mississippi School of Pharmacy.
- **Sarah A. Nisly, Pharm.D., BCPS**, was promoted to associate professor of pharmacy practice at Butler University College of Pharmacy and Health Sciences.
- **Francine Salinitri, Pharm.D.**, was promoted to associate professor of (clinical) pharmacy practice at Wayne State University.

Awards:

- **Andrew Bzowickyj, Pharm.D., BCPS, CDE**, from the University of Missouri-Kansas City School of Pharmacy, received an AADE Pharmacy

Best Practices in Diabetes Care Award from the American Association of Diabetes Educators for 2014.

- **Marshall E. Cates, Pharm.D., FASHP, BCPP**, was awarded Teacher of the Year in May 2014 for Samford University McWhorter School of Pharmacy.
- **Alexander H. Flannery, Pharm.D., BCPS**, was named Kentucky Society of Health-System Pharmacists Resident of the Year in October 2013.
- **Kelly Hester, Pharm.D., BCPS; Kristi Kelley, Pharm.D., FCCP, BCPS, BC-ADM, CDE**; and Dana Carroll, Pharm.D., BCPS, were awarded the Auburn University Harrison School of Pharmacy's inaugural Excellence in Teaching Award as part of a teaching team. All were recognized as Teachers of the Year at the 2014 AACP Annual Meeting.
- **Sarah Treadway, Pharm.D., BCPS**, was selected as the 2014 Outstanding Faculty Member by the Auburn University Harrison School of Pharmacy SGA.

Publications:

Sandra Benavides, Pharm.D.

- Benavides S, Phan H, Nahata MC, eds. Pediatric Pharmacotherapy Self-Assessment. Bethesda, MD: American Society of Health-System Pharmacists; anticipated release September 15, 2014.
- Dr. Benavides not only served as lead editor for the book, but also wrote or cowrote several cases and chapters related to nutrition, nephrotic syndrome, diabetic ketoacidosis, type 2 diabetes mellitus, and hypothyroidism in pediatric patients.

Cassandra Bengé, Pharm.D., BCPS (AQ-CV)

- Baker JW, Bean JB, Bengé C, McFarland MS. Designing a resident research program. *Am J Health Syst Pharm* 2014;71:592-8.

Tina Denetclaw, Pharm.D., BCPS

- Denetclaw TH, Nguyen MT. Patient failure to seek care for non-ST-elevated myocardial infarction because of symptoms being attributed to dyspepsia from dabigatran. *Ann Pharmacother* 2014;48:1093-4.
- Denetclaw TH, Suehiro I, Wang PK, Tolliver GL. Successful treatment of ventriculostomy-associated meningitis caused by multidrug resistant coagulase-negative *Staphylococcus epidermidis* using low-volume intrathecal daptomycin and loading strategy. *Ann Pharmacother* 2014 Jul 3. Published online before print.

- Denetclaw TH, Young EW, Tiemeier AM, Scott JD, Hartzler ML. Perceptions, obstacles, and solutions for offering introductory pharmacy practice experiences in the community hospital setting: a qualitative survey. *Curr Pharm Teach Learn* 2014;6:632-8.

Alexander H. Flannery, Pharm.D., BCPS

- Flannery AH, Flynn JD. More questions than answers in ICU delirium: pressing issues for future research. *Ann Pharmacother* 2013;47:1558-61.
- Flannery AH, Hatton KW, Phillips B. Sedation and delirium [letter]. *N Engl J Med* 2014;370:1566-7.
- Flannery AH, Thompson-Bastin M. Oseltamivir dosing in critically ill patients with severe influenza. *Ann Pharmacother* 2014;48:1011-8.
- Flynn JD, McConeghy KW, Flannery AH, et al. Utilization of pharmacist responders as a component of a multidisciplinary sepsis bundle. *Ann Pharmacother* 2014;48:1145-51.

Lori Hornsby, Pharm.D., BCPS; Haley M. Phillippe, Pharm.D., BCPS; and Sarah Treadway, Pharm.D., BCPS

- Armstrong EM, Bellone J, Hornsby LB, Treadway S, Phillippe HM. Acquired thrombophilia. *J Pharm Pract* 2014;27:234-42.
- Armstrong EM, Bellone J, Hornsby LB, Treadway S, Phillippe HM. Pregnancy-related venous thromboembolism. *J Pharm Pract* 2014;27:243-52.
- Hornsby LB, Phillippe HM, Treadway S, Armstrong EM, Bellone J. Thrombophilia screening. *J Pharm Pract* 2014;27:253-9.
- Phillippe HM, Hornsby LB, Treadway S, Armstrong EM, Bellone J. Inherited thrombophilia. *J Pharm Pract* 2014;27:227-33.

Lamis R. Karaoui, Pharm.D., BCPS

- Rafie S, McIntosh J, Shealy KM, Borgelt LM, Forinash A, Shrader SP, Koepf ER, McClendon KS, Griffin BL, Horlen C, Karaoui LR, Rowe EL, Lodise NM, Wigle PR. Roles of the pharmacist in the use of safe and highly effective long-acting reversible contraception: an opinion of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014 Jul 3. [Epub ahead of print]

Katie S. McClendon, Pharm.D., BCPS

- McClendon KS, Malinowski SS, Pitcock JJ, Brown MA, Davis CS, Sherman JJ, Riche DM, Bloodworth LS, Warrington LE. A multipreceptor approach to ambulatory care topic discussions. *Am J Pharm Educ* 2014;78:77.

- McClendon KS, Stover KR. Tips for a successful poster presentation. *Am J Health Syst Pharm* 2014;71:449-51.
- Rafie S, McIntosh J, Shealy KM, Borgelt LM, Forinash A, Shrader SP, Koepf ER, McClendon KS, Griffin BL, Horlen C, Karaoui LR, Rowe EL, Lodise NM, Wigle PR. Pharmacist roles in long-acting reversible contraception use: an opinion of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014 Jul 3. [Epub ahead of print]
- Wright EA, Brown B, Gettig J, Martello JL, McClendon KS, Smith KM, Teeter J, Ulbrich TR, Wegrzyn N, Bradley-Baker LR. Teaching and learning curriculum programs: recommendations for postgraduate pharmacy experiences in education. *Am J Health Syst Pharm* 2014;71:1292-302.

Sarah A. Nisly, Pharm.D., BCPS

- Dy EA, Nisly SA. Evaluation and revision of an introduction to experiential rotations course. *J Scholarship Teach Learn* 2014;14:34-45.
- Nisly SA, Isaacs A, Merkel KG. Use of Web-based learning modules for a general medicine advanced pharmacy practice experience. *Curr Pharm Teach Learn* 2014;6:502-6.

Michael J. Peeters, Pharm.D., MEd, BCPS

- King PK, Szczerba FM, Rega PP, **Peeters MJ**. Interprofessional education and simulation: are we hitting the mark? *Curr Pharm Teach Learn* 2014;6:588-91.
- Peeters MJ, Schmude KA, Steinmiller CL. Inter-rater reliability and false confidence in precision: using standard error of measurement within PharmD admissions essays rubric development. *Curr Pharm Teach Learn* 2014;6:298-303.

Heather Whitley, Pharm.D., BCPS, CDE

- Lee R, Whitley HP. Social media use to support diabetes mellitus care: the development of Countryside Diabetes. *Consult Pharm* 2014;29:53-7.

Presentations:

- **Michael J. Peeters, Pharm.D., MEd, BCPS**, presented a special session at the AACP Annual Meeting in July, "Building Reliable Assessments: OSCEs, Multiple Mini-interviews & Performance Assessments."
- **Beth H. Resman-Targoff, Pharm.D., FCCP**, presented "Individualizing Rheumatoid Arthritis

Therapy” at the American Pharmacists Association Annual Meeting and Exposition in Orlando, Florida, in March 2014. Her session was one of 11 sessions selected for videotaping and use as a home-study offering.

New ACCP Fellows:

We would like to congratulate the following EDTR PRN members selected as ACCP Fellows for 2014.

- **Sandra Benavides, Pharm.D.** (Nova Southeastern University)
- **P. Brandon Bookstaver, Pharm.D., BCPS (AQ-ID)** (University of South Carolina)
- **Allison M. Chung, Pharm.D., BCPS, AE-C** (Auburn University Harrison School of Pharmacy, Mobile Campus)
- **Craig D. Cox, Pharm.D., BCPS** (Texas Tech University)
- **Samantha A. Karr, Pharm.D., BCPS, BCACP** (Midwestern University)
- **Joel C. Marrs, Pharm.D., BCPS, CLS** (University of Colorado - Denver)
- **Michael J. Peeters, Pharm.D., MEd, BCPS** (University of Toledo College of Pharmacy & Pharmaceutical Sciences)
- **Mary E. Temple Cooper, Pharm.D., M.S., BCPS** (Hillcrest Hospital, Chagrin Falls, OH)

Other Notable Achievements:

- **Miranda Andrus, Pharm.D., FCCP, BCPS**, was the faculty mentor for Jeanne Forrester, Pharm.D., recipient of the AACP Walmart Scholars Program Award in July 2014.
- **Samantha A. Karr, Pharm.D., BCPS, BCACP**, was elected vice chair of the BPS Specialty Council on Ambulatory Care Pharmacy for 2015.
- **Kristi Kelley, Pharm.D., FCCP, BCPS, CDE**, received her certification as a Board Certified Advanced Diabetes Manager (BC-ADM) in July 2014.

Emergency Medicine PRN

Current Officers

Chair:	Mary Beth Shirk, Pharm.D., FCCP, BCPS
Chair-Elect:	Kyle Weant, Pharm.D., BCPS
Immediate Past Chair:	Nicole M. Acquisto, Pharm.D., BCPS
Secretary/ Treasurer:	Darrel Hughes, Pharm.D., BCPS

COMMITTEE UPDATES

Programming Committee

On Monday, October 13, from 3:45 to 5:45 p.m., don't miss afternoon programming developed by members of the Emergency Medicine PRN, which will focus on treating illicit drug intoxications in the emergency department, identifying potential treatment strategies for approaching toxidromes consistent with illicit drug intoxication, developing a treatment plan for an undifferentiated patient with a potential illicit drug intoxication, and discussing specific treatment strategies. Presenters will also provide a review of wilderness bites and envenomations; identify potential treatment strategies; discuss design dispensing, administration, and treatment protocols for common wilderness medicine presentations; and review opportunities to optimize care for those who are admitted to various inpatient services. The session will also include a review of prehospital care for illicit drug intoxication and wilderness bites. Those who have questions can contact Kyle Weant by e-mail (kaw9600@alumni.unc.edu).

Justification Task Force

The Justification Task Force continues its mission to provide a framework for developing an optimal business and practice model for the emergency department. The task force has finished developing an outline and detailed structure for the final recommendations and is now moving to the writing stages. Using an extensive database of primary literature to support recommendations, we anticipate that an initial draft of this framework will be completed by the end of the year. Those who have questions can contact Kyle Weant by e-mail (kaw9600@alumni.unc.edu).

Travel Award

The Travel Award Committee will award a Student and Resident Research Travel Award this year to help support the costs of travel and attendance at the 2014 ACCP Annual Meeting. A call for abstracts went out in August, e-mailed to members of the EMED PRN, and the deadline was September 1, 2014. Award winners will be notified by Monday, September 15, and they will present their research at the Emergency Medicine PRN business meeting and networking forum on Tuesday, October 14, at the 2014 ACCP Annual Meeting in Austin, Texas. For more information regarding the Travel Awards, please visit the EMED PRN Web site (www.accp.com/docs/prns/emed/Travel_Award_-_EMED_PRN.pdf) or e-mail Nicole Acquisto (nicole_acquisto@urmc.rochester.edu).

Awards and Recognition Committee

The committee is currently developing PRN-specific awards to highlight members of the EMED PRN. The

goal is to have these awards established and our first awardees designated by the 2015 Annual Meeting. In addition, the committee has supported nominations for the member spotlight for two cycles and is currently receiving nominations for student members. To date, the following individuals have been submitted for member spotlight:

Member: Mason Bucklin, Pharm.D.

Resident/Fellow: Elizabeth Giesler, Pharm.D., BCPS

Those who are interested in joining this committee or who have questions can contact Megan Musselman by e-mail (meganmusselman@gmail.com).

Student Task Force

The Student Committee Task Force has finalized a survey that will be sent to all student members of the ACCP EMED PRN near the beginning of the academic school year (late August/early September). The purpose of this survey is to gather information regarding current student involvement in ACCP and the EMED PRN, available experiences in emergency medicine pharmacy and research, and interest in opportunities set forth by the EMED PRN Student Committee. Compiled data from the survey and the finalized Student Committee Framework and Responsibilities document will be presented at the EMED PRN business and networking forum on Tuesday, October 14, at the 2014 ACCP Annual Meeting in Austin, Texas.

The EMED PRN would like to acknowledge and congratulate all of its members on their accomplishments and achievements, especially those listed in the following sections.

Awards:

Kyle Strnad was named Thomas Jefferson University School of Pharmacy's "Mr. Pharmacy" at the first annual school-run talent show.

ASHP Pharmacy Practice Research Award – 2013

Asad E. Patanwala, Pharm.D., **Arthur B. Sanders**, M.D., MHA, **Michael C. Thomas**, Pharm.D., **Nicole M. Acquisto**, Pharm.D., **Kyle A. Weant**, Pharm.D., **Stephanie N. Baker**, Pharm.D., **Erica M. Merritt**, Pharm.D., and **Brian L. Erstad**, Pharm.D., for their publication: A prospective, multicenter study of pharmacist activities resulting in medication error interception in the emergency department. *Ann Emerg Med* 2012;59:369-73.

ASHP Foundation Pharmacy Resident Practice-Based Research Grant

C.B. Adams, **K.E. Vollman**, and **N.M. Acquisto** for their project titled "Survey of Emergency Medicine Pharmacy Education Opportunities for Students and Residents" (\$5000)

AI/UK Teamwork Award for Nursing Support

Abby Bailey, **Regan Baum**, and **Stephanie Baker Justice**

University of Florida College of Pharmacy's Outstanding Young Alumni of the Year:

Katelyn Dervay

Critical Care Pharmacotherapy Trials Network Research Proposal Acceptance

C. Groth and **N.M. Acquisto**, co-PI, for their project titled "Current Practices and Safety of Medication Use During Rapid Sequence Intubation"

Presentations:

- **Awad NI**, **Brunetti L.** Recommendations from North American Poison Control Centers on strategies for reversal of life-threatening bleeding secondary to target specific oral anticoagulants. Accepted for poster presentation at: Annual Meeting of the North American Congress of Clinical Toxicology; October 2014; New Orleans, LA.
- **Awad NI.** Reversal strategies of anticoagulation therapies. Anticoagulation and Stroke Care Panel Presentation. Presented at: New Jersey State Stroke Conference, Northeast Cerebrovascular Consortium; April 2014; New Brunswick, NJ.
- **Musselman M**, **Awad NI**, **Coralic Z.** Emerging in the ED: primer for starting in the emergency department. Live Webinar Presentation. Section Advisory Group on Emergency Care. Section of Clinical Specialists and Scientists. Presented at: American Society of Health-System Pharmacists; May 2014.
- **Strnad K.** Pharmacist approach to common medication overdoses in the ED. ACPE Continuing Education Presentation. Presented as part of the session "Hot Topics in Patient Safety/Annual Night with Industry" at: Delaware Valley Society of Health-System Pharmacists Meeting; April 15, 2014; Philadelphia, PA.
- **Thomas MC.** ACCP Ambulatory Care Prep Course faculty (Health Maintenance/Public Health)

Promotions:

- **Nicole M. Acquisto**, Pharm.D., BCPS – Promoted to a level 3 clinical pharmacy specialist – University of Rochester Medical Center, Department of Pharmacy
- **Abby Bailey**: Named PGY2 Emergency Medicine Residency Program director

- **Abby Bailey:** Non-physician faculty member, Department of Emergency Medicine, University of Kentucky College of Medicine
- **Kyle Strnad:** Chair, National Student Network Advisory Committee (July 2014)
- **Michael Thomas:** Vice chair and clinical associate professor (Western New England University)
- **Kyle Weant:** Clinical pharmacy services manager, KentuckyOne Health

Publications

- **Acquisto NM.** Heparin. In: Wexler P, ed. *Encyclopedia of Toxicology*, 3rd ed., vol 2. New York: Elsevier, 2014:837-9.
- **Acquisto NM.** 2014. Isoniazid. In: Wexler P, ed. *Encyclopedia of Toxicology*, 3rd ed., vol 2. New York: Elsevier, 2014:1135-7.
- **Awad NI, Bridgeman MB.** Continuing education program planning: tips for assessing staff educational needs. *Am J Health Syst Pharm* 2014. In press.
- **Awad NI, Cocchio C.** An analysis of the use of Twitter at a major national pharmacy conference. *Am J Health Syst Pharm* 2014. In press.
- **Awad NI, Cocchio C.** Active prothrombin complex concentrates (aPCCs) for the reversal of anticoagulant-associated coagulopathy. *P T* 2013;38:696-701.
- **Bailey AM, Baker SN, Baum R, Chandler H, Weant KA.** Being prepared: emergency treatment following nerve agent release. *Adv Emerg Nurs J* 2014;36:22-33.
- **Bailey AM, Baker SN, Weant KA.** Tranexamic acid for trauma-related hemorrhage. *Adv Emerg Nurs J* 2014;36:123-31.
- **Bailey AM, Wermeling DP.** Naloxone for opioid overdose prevention: pharmacists' role in community-based practice settings. *Ann Pharmacother* 2014 Feb. [Epub ahead of print]
- **Bodkin RB, Acquisto NM.** Medical treatment during pregnancy. *Harwood-Nuss' Clinical Practice of Emergency Medicine*, 6th ed. Philadelphia: Lippincott Williams & Wilkins, 2014:699-705.
- **Bodkin RB, Acquisto NM.** Rapid sequence intubation. In: *Encyclopedia of Trauma Care*. Heidelberg, Germany: Springer. Accepted for publication 2013.
- **Bodkin RP, Acquisto NM, Zwart JM, Toussaint S.** Differences in noninvasive thermometer measurements in the adult ED. *Am J Emerg Med* 2014; <http://dx.doi.org/10.1016/j.ajem.2014.05.036>.
- **Bucklin MH, Acquisto NM, Nelson C.** The effects of recombinant activated factor VII dose on the incidence of thromboembolic events in patients with coagulopathic bleeding. *Thromb Res* 2014;133:768-71.
- **Bucklin MH, Gorodetsky RM, Wiegand TJ.** Prolonged lipemia and pancreatitis due to extended infusion of lipid emulsion in bupropion overdose. *Clin Toxicol* 2013;51:896-8.
- **Bucklin MH, Groth CM.** Mortality following rasburicase-induced methemoglobinemia. *Ann Pharmacother* 2013;47:1353-8.
- **Cocchio C, Awad NI.** The scholarly merit of social media use among clinical faculty. *J Pharm Technol* 2014;30:61-8.
- **Dark M.** Emergency department toxicology: diphenhydramine overdose in a male adult. *Pharm Pract* 2014;41:20-1.
- **Engle JP, Erstad BL, Anderson DC, Bucklin MH, Chan A, Donaldson AR, Hagemann TM, Rodgers PT, Schwinghammer T, Tennant S, Thomas Z.** Minimum qualifications for clinical pharmacy practice faculty. *Pharmacotherapy* 2014;34:e38-e44.
- **Fosmire E, Strnad K.** Life of an ED intern—what are the expectations? *ACCP Emergency Medicine PRN Newsletter*, April 2014.
- **Groth C, Acquisto NM.** Histamine-1 blockers. In: Wexler P, ed. *Encyclopedia of Toxicology*, 3rd ed., vol 1. New York: Elsevier, 2014:809-12.
- **Groth CM, Acquisto NM.** Pharmacists as members of the rapid response team. *J Pharm Pract* 2014. Accepted for publication.
- **Gubbins PO, Micek ST, Badowski M, Chen J, Gallagher J, Johnson SG, Karnes JH, Lyons K, Moore KG, Strnad K.** Innovation in clinical pharmacy practice and opportunities for academic-practice partnership. *Pharmacotherapy* 2014;34:e45-e54.
- **Harbison AF, Polly D, Musselman ME.** Safe and effective use of anti-infectives in pregnancy and lactation in the emergency department. *Am J Health Syst Pharm*. In press.
- **Musselman ME, Hampton JP.** "Not for human consumption": a review of emerging designer drugs. *Pharmacotherapy* 2014.
- **Nobay F, Acquisto NM.** Barbiturates. In: Wexler P, ed. *Encyclopedia of Toxicology*, 3rd ed., vol 1. New York: Elsevier, 2014:363-7.
- **Philips MA, Acquisto NM, Gordetsky RM, Wiegand TJ.** Use of a physostigmine infusion for the treatment of severe and recurrent antimuscarinic

toxicity in a mixed drug overdose. *J Med Toxicol* 2014;10:205-9.

- **Strnad K.** Key qualities necessary for PGY1 residencies: a review of the 2012 Educational Affairs Committee position statement. *ACCP StuNews*, April 2014.
- **Thomas MC.** Health maintenance/public health I. In: Bainbridge JL, Clark N, Coyle EA, et al., eds. *Updates in Therapeutics®: The Ambulatory Care Pharmacy Preparatory Review and Recertification Course*, 2014. Lenexa, KS: American College of Clinical Pharmacy, 2014:2-643-2-673.
- **Thomas MC, Ademolu AO.** Considerations for vaccine administration in the emergency department. *Am J Health Syst Pharm* 2014;71:231-6.
- **Thomas MC, Macias-Moriarity L.** Student knowledge and confidence in an elective clinical toxicology course using active-learning techniques. *Am J Pharm Educ* 2014;78:Article 95.
- Thompson ML, Baker SN, **Weant KA.** Effects of etomidate on adrenal suppression: a review of intubated septic patients. *Hosp Pharm* 2014;49:177-83.
- **Vollman KE, Acquisto NM, Bodkin RP.** A case of tetanus infection in an adult with a protective tetanus antibody level. *Am J Emerg Med* 2013, <http://dx.doi.org/10.1016/j.ajem.2013.10.025>.
- **Vollman KE, Acquisto NM, Bodkin RP.** Response to "Protective effect of tetanus antibodies." *Am J Emerg Med* 2014. <http://dx.doi.org/10.1016/j.ajem.2014.05.049>.
- **Vollman KE, Acquisto NM, Bodkin RP.** Response to "Considerations for tetanus infection in an adult with a protective antibody level." *Am J Emerg Med* 2014. <http://dx.doi.org/10.1016/j.ajem.2014.06.009>.
- **Weant KA, Bailey AM, Baker SN.** Strategies for reducing medication errors in the emergency department. *J Open Access Emerg Med* 2014;6:45-55.
- **Weant KA, Bailey AM, Baker SN.** Hyperglycemia in critical illness. *Adv Emerg Nurs J* 2013;35:209-16.
- **Weant KA, Bailey AM, Fleishaker EL, Baker SN.** Being prepared: bioterrorism and mass prophylaxis: part I. *Adv Emerg Nurs J* 2014;36:226-38.

Endocrine and Metabolism PRN

The Endocrine and Metabolism PRN consists 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; 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.

Appointments and Promotions:

Mandy Reece

- Promoted to vice chair, Department of Pharmacy Practice, Philadelphia College of Osteopathic Medicine – Georgia Campus

Awards/Grants:

- **Miranda Andrus** with Jeanne Forrester, Pharm.D. Candidate: Student/faculty recipient for the 2014 AACP Walmart Scholars Program
- **Brian Irons:** Coinvestigator, HRSA grant titled "Nurse Education, Practice, Quality and Retention – Interprofessional Collaborative Practice"
- **Nicole Pinelli:** Coinvestigator, Centers for Medicare & Medicaid Services Health Care Innovation Award Grant: "Optimizing the Medical Neighborhood: Transforming Care Coordination Through the North Carolina Community Pharmacy Enhanced Services Network"
- **Angela Skaff**
- Recipient, ASHP Student Leadership Award
- Recipient, Cardinal Health Scholarship
- Recipient, FSHP Paul Magalian Student Leadership Award
- **Barakha Yadav:** ACCP Endocrine and Metabolism Resident Travel Scholarship
- **Kimberly Zitko:** ACCP Endocrine and Metabolism Student Travel Scholarship

Publications:

- Lisa Chastain and Megan Kildow: Chastain LM, Stapleton M, Frost J. A comparison of US treatment guidelines for type 2 diabetes mellitus: applications to the newly diagnosed patient. *Diabetes Manage* 2014;4:273-83.
- Mandy Reece
- **Reece SW, Williams C.** Insulin pump class: back to the basics of pump therapy. *Diabetes Spectrum* 2014;27:135-40.

- **Reece SW**, Kanopka A, Mervin I. Use of rapid-acting insulin analogs during pregnancy. *Pract Diabetol* 2014;33:12-4.
- **Heather Whitley: Lee R, Whitley HP**. Social media use to support diabetes mellitus care: the development of Countryside Diabetes. *Consult Pharm* 2014;29:53-7.

Presentations:

- **Nicole R. Pinelli**: McLaughlin J, Poppe LB, Chen S, Luter D, Arnall J, Smith S, Roth M, Rodgers P, Williams D, **Pinelli NR**. Improved organizational outcomes and enhanced student learning in an early immersion program at an academic medical center. Presented at: 2014 ACCP Annual Meeting; July 2014.
- **Heather Whitley**: Yong EV, **Whitley HP**. 12-month impact of Countryside Diabetes, a social media diabetes educational tool, by quantifying membership response rates to post type and topic for enhancing future care of disease management. Poster presented at: 2014 Virtual Poster Symposium, American College of Clinical Pharmacy; May 2014.

New ACCP Fellows

- **Samantha A. Karr**, Pharm.D., BCPS, BCACP, BC-ADM; Midwestern University, Glendale, Arizona
- **Joel C. Marrs**, Pharm.D., BCPS (AQ Cardiology), BCACP, CLS; Skaggs School of Pharmacy
- **Alissa R. Segal**, Pharm.D.; Massachusetts College of Pharmacy and Health Sciences Newton, Massachusetts

Other Notable Achievements:

- **Samantha Karr** was elected as vice chair for the 2015 BPS Ambulatory Care Council.
- **Heather Whitley** will be accepting a clinical pharmacy specialist position at Baptist Health, Montgomery Family Medicine Residency Program, in Montgomery, Alabama, and retain employment with Auburn University.

The Endocrine and Metabolism PRN has more than 250 members and represents a diverse group of clinical pharmacists and students dedicated to advancing clinical practice, teaching, and research. The Endocrine and Metabolism PRN would like to welcome the newest members of the group:

- | | |
|---------------------|----------------|
| • Saffia Abu-Shendi | • Mark Britton |
| • Sneha Baxi | • Robin Carney |
| • Vincent Brett | • Megan Carr |

- | | |
|--------------------|--------------------|
| • Christa Curtis | • Anna Marsakova |
| • Laruen Fox | • Richard Molinaro |
| • Joseph Fulginiti | • Cody Moore |
| • Jessica George | • Imelda Palit |
| • Nicholas Giruzzi | • Leslie Richard |
| • Megan Jensen | • Heather Shull |
| • Yi Liu | • Sarah Smith |
| • Rashida Lloyd | • Bradly Winter |
| • James Lokken | |

Monthly Online Journal Club

The Communication Committee continues to lead the PRN in the monthly online journal club on our PRN e-mail list. The online journal club was implemented in February 2010. The purpose of the online journal club is to provide an awareness of key articles that add new information to the fields of endocrinology and metabolism. Members of the PRN are periodically asked to contribute articles and comments to foster active discussion. Active members from the Communication Committee have been soliciting journal club articles from the PRN e-mail list and have been posting one or two articles every month. The following members have been involved in continuing the monthly online journal club: Lisa Chastain (Communication Committee chair), Ben Gross (member), Richard Hess (member), Robin Koffarnus (member), Molly Minze (member), Sara “Mandy” Reece (member), Christie Schumacher (member), and Linda Thomas (member). Please contact Lisa Chastain, lisa.chastain@ttuhsc.edu, for more information about the online journal club.

GI/Liver/Nutrition PRN

Introduction:

Please join us at the 2014 ACCP Annual Meeting in Austin, Texas, from October 12 to 15. During the meeting on Tuesday, October 14, three members of the GILN PRN—Rima Mohammad, Pharm.D., BCPS; Bryan Love, Pharm.D., BCPS; and Paulina Deming, Pharm.D., PhC—will be presenting a focus session titled “Updates in Pharmacotherapeutic Management of Hepatitis C Virus Infection” from 10:15 a.m. to 12:15 p.m.

The GILN PRN will also be hosting our annual business meeting on Tuesday, October 14, from 6 to 9 p.m., which will be open to current and prospective members. Appetizers and beverages will be provided.

Publications:

- Frazee E, **Nystrom EM**, McMahon MM, Miles JM. Relationship between triglyceride tolerance, body

mass index, and fat depots in hospitalized patients receiving parenteral nutrition. *JPEN J Parenter Enteral Nutr* 2014 Jun 11. [Epub ahead of print]

- **Martin MT**. New product review: Sovaldi (sofosbuvir). *Ill Pharm* 2014;76:30-2.
- **Martin MT**, Aloman C, Stewart CA. To treat or not to treat: weighing the options with current hepatitis C treatment. *Specialty Pharma J* 2014(Hepatitis C Edition):21-3.
- **Martin MT**, Hanson RL. Paving pathways for hepatitis C treatment: pharmacists' strategies for removing obstacles in pursuit of achieving sustained virological response. *Specialty Pharma J* 2014(Hepatitis C Edition):11-3.
- Mills BL, **Martin MT**. Drug interactions in hepatitis C and HIV treatment: pharmacists' tips for selecting appropriate agents that play well with the patient's HIV regimen. *Specialty Pharma J* 2014(Hepatitis C Edition):17-20.
- Mohammad RA, Smith MA. Advances in biologic therapies for gastrointestinal diseases. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2014 Book 2. Chronic Illnesses*. Lenexa, KS: American College of Clinical Pharmacy, 2014:261-89.
- **Smith MA, Johnson HJ**, Chopra K, Dunn M, Ulrich A, **Mohammad RA**. Incidence and management of rash in telaprevir-treated patients: lessons for simeprevir? *Ann Pharmacother* 2014;48:1166-71.
- **Smith MA, Mohammad RA**, Benedict NJ. Use of virtual patients in an advanced therapeutics pharmacy course to promote active, patient-centered learning. *Am J Pharm Educ* 2014;78:Article 125.

New ACCP Fellows:

Julie M. Sease, Pharm.D., BCPS, CDE; and Sheila M. Wilhelm, Pharm.D., BCPS, became Fellows of ACCP this year.

Other Notable Achievements:

- **Michelle Martin, Pharm.D., BCPS, BCACP**, had several noteworthy presentations, including "Managing Viral Hepatitis in Primary Health Care Settings and Exploring the Role of Non-physician Clinicians" at the 4th International Conference on Viral Hepatitis (March 2014; New York, NY); and "Going Viral! Hepatitis C Treatment in the Age of Direct-Acting Antivirals" at the Annual Meeting for the Illinois Council on Health-System Pharmacists (September 2014; Oakbrook Terrace, IL).

- **April Smith, Pharm.D., BCPS**, was invited by the American Society for Metabolic and Bariatric Surgery to serve as a course director for a special session at their annual meeting in Boston on November 3 focusing on pharmacology issues in bariatric surgery patients. For this session, Dr. Smith gathered pharmacists from around the country to present on different topics and highlight our utility and expertise for this patient population.

Health Outcomes PRN

Publications:

- Benedict N, **Felbinger M, Anthes A**, Altawalbeh S, Ridenour TA, **Kane-Gill S**. Correlation of patient reported outcomes of sedation and sedation assessment scores in critically ill patients. *J Crit Care* 2014. [Epub ahead of print]
- Debenito JM, **Billups SJ**, Tran TS, Price LC. Impact of a clinical pharmacy anemia management service on adherence to monitoring guidelines, clinical outcomes, and medication utilization. *J Manag Care Pharm* 2014;20:715-20.
- **Kane-Gill SL**, Leblanc JL, **Dasta JF, Devabhakthuni S**; for the Critical Care Pharmacotherapy Trials Network. A multicenter study of the point prevalence of drug-induced hypotension in the ICU. *Crit Care Med* 2014. [Epub ahead of print]
- **Kloet MA, Lohr BR, Smithburger PL, Seybert AL, Kane-Gill SL**. Assessment of inpatient boxed warning adherence. *J Patient Saf* 2014. [Epub ahead of print]

Awards:

Sarah J. Billups, Pharm.D., BCPS, was awarded the **Performance Improvement Triple Aim (PITA) Award** for her project: "A Research-Based Approach to the Care of Our Patients with Osteoporosis."

From **Sandra Kane-Gill, Pharm.D., M.Sc., FCCP, FCCM**

Hematology/Oncology PRN

Introduction:

The Hematology/Oncology PRN has been very active in the past year, continuing its work to provide a forum for hematology/oncology pharmacists to network and collaborate in research and clinical practice. We are looking forward to our Hem/Onc PRN focus session in October at the 2014 ACCP Annual Meeting, which will present innovative practice

models within hematology/oncology pharmacy practice and highlight collaborative practice agreements, MTM programs, and ways to include students and residents in the practice environment. The Hem/Onc PRN Paper Committee continues to work on developing a survey method for gathering data for use in a publication that will evaluate current types of clinical practices of hematology/oncology pharmacists in our PRN. The PRN Student/Resident Award Committee was successful in developing criteria for the Resident of the Year Award as well as for the travel awards for students and residents. The Hem/Onc PRN is also excited to support David DeRemer with a full-tuition 2014 FIT scholarship.

Promotions:

- **Ryan Bookout, Pharm.D., BCOP, BCPS**, was promoted to oncology pharmacy residency program director at Moffitt Cancer Center.
- **Niesha Griffith, R.Ph., M.S., FASHP**, was promoted to administrator of oncology pharmacy and infusion services at James Cancer Hospital and Solove Research Institute at The Ohio State University.
- **Christy Harris, Pharm.D., BCPS, BCOP**, was promoted to associate professor of pharmacy practice at Massachusetts College of Pharmacy and Health Sciences University.
- **Jeannine McCune, Pharm.D., BCOP**, was promoted to full member at the Fred Hutchinson Cancer Research Center, effective July 1, 2014, and was appointed as an adjunct professor in the University of Washington Department of Pharmaceutics, effective March 1, 2014.
- **Kellie Jones Weddle, Pharm.D., FCCP, BCOP**, was promoted to clinical professor at Purdue University College of Pharmacy.

Awards:

Lucas Okumura, R.Ph.: 6th Clinical Medical Award; best oral presentation at VI Clinical Medical Journey

Grants:

- **Niesha Griffith, R.Ph., M.S., FASHP**, received an ASHP Pharmacy Residency Expansion Grant for the PGY2 Oncology Pharmacy Residency Program at the James Cancer Hospital at The Ohio State University. The grant was awarded to assist in expanding the program to allow for a third PGY2 resident as the department moves into the new cancer tower.
- **Lisa Holle, Pharm.D., BCOP**, received UCHC-UConn Storrs seed grant funding in cancer control in June 2014 for the Pharmacist Intervention in

Colorectal Cancer Screening Initiative (PICCSI).

- **Jeannine S. McCune, Pharm.D., BCOP**, successfully obtained a new R01 titled "Optimizing Busulfan: Efficacy, Toxicity, and Pharmacometabolomics," which seeks to improve overall survival in hematopoietic stem cell transplant recipients by personalizing their conditioning regimen and/or intravenous busulfan doses using metabolomics. This work, done at the University of Washington, the Fred Hutchinson Cancer Research Center, and Seattle Children's, is supported by a \$2.4 million 5-year grant awarded by NCI (National Cancer Institute).

Publications:

Ryan Bookout, Pharm.D., BCPS, BCOP

- Parmar SR, **Bookout R**, Shapiro JF, Tombleson R, Perkins J, et al. Comparison of 1-day vs 2-day dosing of high-dose melphalan followed by autologous hematopoietic cell transplantation in patients with multiple myeloma. *Bone Marrow Transplant* 2014;49:761-6.

Christy Harris, Pharm.D., BCPS, BCOP

- Szabatura AH, Cirrone F, **Harris CS**, McDonnell AM, Feng, Y, Voit D, Neuberger D, Butrynski J, Fisher DC. An assessment of risk factors associated with ifosfamide-induced encephalopathy in a large academic cancer center. *J Oncol Pharm Pract* 2014 Mar 23. [Epub ahead of print]

Lisa Holle, Pharm.D., BCOP

- **Holle LM**, Michaud LB. Oncology pharmacists in health care delivery: vital members of the cancer care team. *J Oncol Pract* 2014;10:e142-e145.

Tali M. Johnson, Pharm.D., BCOP

- **Johnson TM**. Multiple myeloma treatment and management in the elderly. *Consult Pharm* 2014;29:434-49.

Jeannine McCune, Pharm.D., BCOP

- Bemer MJ, Risler LJ, Phillips BR, Wang J, Storer BE, Sandmaier BM, Duan H, Raccor BS, Boeckh MJ, **McCune JS**. Recipient pretransplant inosine monophosphate dehydrogenase activity in nonmyeloablative hematopoietic cell transplantation. *Biol Blood Marrow Transplant* 2014 Jun 9. [Epub ahead of print]
- Diestelhorst C, Boos J, **McCune JS**, Hempel G. Population pharmacokinetics of intravenous busulfan in children: revised body weight-dependent NONMEM® model to optimize dosing. *Eur J Clin Pharmacol* 2014;70:839-47.

- Diestelhorst C, Boos J, **McCune JS**, Russell J, Kangaroo SB, Hempel G. Predictive performance of a physiologically based pharmacokinetic model of busulfan in children. *Pediatr Hematol Oncol* 2014 Jul 9. [Epub ahead of print]
- Li H, Mager DE, Sandmaier BM, Storer BE, Boeckh MJ, Bemer MJ, Phillips BR, Risler LJ, **McCune JS**. Pharmacokinetic and pharmacodynamic analysis of inosine monophosphate dehydrogenase activity in hematopoietic cell transplantation recipients treated with mycophenolate mofetil. *Biol Blood Marrow Transplant* 2014;20:1121-9.
- **McCune JS**, Bemer MJ, Barrett JS, Scott Baker K, Gamis AS, Holford NH. Busulfan in infant to adult hematopoietic cell transplant recipients: a population pharmacokinetic model for initial and Bayesian dose personalization. *Clin Cancer Res* 2014;20:754-63.

Lucas Okumura, R.Ph.

- **Okumura LM**, Rotta I, Correr CJ. Assessment of pharmacist-led patient counseling in randomized controlled trials: a systematic review. *Int J Clin Pharm*. [Epub ahead of print]

Jai N. Patel, Pharm.D.

- Dressler LG, Deal AM, **Patel JN**, Markey J, Van Riper M, McLeod HL. Cancer pharmacogenomics, adoption by oncologists and patient benefit. *Pers Med* 2014;11:143-53.
- **Patel JN**, McLeod HL. Pharmacogenomics and cancer therapy: somatic and germ-line Polymorphisms. In: Figg WD, McLeod HL, eds. *Handbook of Anticancer Pharmacokinetics and Pharmacodynamics*, 2nd ed. Totowa, NJ: Humana Press, 2014:255-72.
- **Patel JN**, O'Neil BH, Deal AM, et al. A community-based multicenter trial of pharmacokinetically guided 5-fluorouracil (5-FU) dosing for personalized colorectal cancer therapy. *Oncologist* 2014. Accepted for publication.

Christine Walko, Pharm.D., BCOP

- **Walko CM**, McLeod HL. Personalizing medicine in geriatric oncology. *J Clin Oncol* 2014. [Epub ahead of print]

New ACCP Fellows:

- Jeannine S. McCune, Pharm.D., BCOP
- Christine Walko, Pharm.D., BCOP

Other Notable Achievements:

- **Ryan Bookout, Pharm.D., BCPS, BCOP**, was elected Board Member-at-Large of HOPA for 2014–2016.
- **Niesha Griffith, R.Ph., M.S., FASHP**, announced her anticipated move in December 2014 into the new James Cancer Hospital and Solove Research Institute, a 420-bed, 21-story tower that integrates spaces for dedicated research, education, and patient care on each unit. Included in this expansion project is the first integrated oncology-specific emergency department in the country as well as oncology-specific critical care beds.
- **Jeannine McCune, Pharm.D., BCOP**, was appointed an associate editor for *Clinical Pharmacology and Therapeutics*.

Immunology/Transplantation PRN

Introduction: The Immunology/Transplantation Practice and Research Network (PRN) has grown to almost 450 members! We encourage all members to get involved and be sure to provide us with suggestions and comments to make our PRN even better.

Our PRN was well represented at World Transplant Congress 2014 with 61 posters and 25 oral presentations involving PRN members. Congratulations!

We would also like to take this opportunity to introduce our newly elected PRN officers for the upcoming 2014–2015 year:

Chair: Reed Hall

Chair-Elect: Christopher Ensor

Secretary/Treasurer: Christina Doligalski

Please congratulate these new officers when you see them at the upcoming ACCP Annual Meeting.

Awards:

- Rita R. Alloway: 2014 ACCP Russell R. Miller Award
- Rosemary P. Cross: Atlanta Academy of Institutional Pharmacy (AAIP) Pharmacist of the Year award in May 2014
- Ninh (Irene) La-Beck: European Foundation for Clinical Nanomedicine Fellowship; 2014 Immunology/Transplantation PRN scholarship, ACCP Research Institute Focused Investigator Training (FIT) Program; 2014 ACCP FIT Certificate recipient
- First Place Poster Award in Translational Nanomedicine, European Summit for Clinical Nanomedicine and Targeted Medicine, June 25,

2014, Basel, Switzerland. (Rajan R, Sabnani M, Rowland B, Mavinkurve V, Wood L, Gabizon A, **La-Beck NM**. Effects of pegylated liposomes on functionality of macrophages and lymphocytes in tumors. Abstract 98.)

- Demetra Tsapepas: 2014 Immunology/Transplantation PRN scholarship, ACCP Research Institute Focused Investigator Training (FIT) Program; 2014 ACCP FIT Certificate recipient

Publications:

We would like congratulate the following PRN members on their publications during the past several months.

Journal Articles:

- Abu Jawdeh BG, Cuffy MC, **Alloway RR, Shields AR**, Woodle ES. Desensitization in kidney transplantation: review and future perspectives. *Clin Transplant* 2014;28:494-507.
- **Alloway RR**, Eckhoff DE, Washburn WK, Teperman LW. Conversion from twice-daily tacrolimus capsules to once-daily extended-release tacrolimus (LCP-Tacro): phase 2 trial of stable liver transplant recipients. *Liver Transpl* 2014;20:564-75.
- **Beermann KJ**, Ellis MJ, Sudan DL, **Harris MT**. Tacrolimus dose requirements in African-American and Caucasian kidney transplant recipients of mycophenolate and prednisone. *Clin Transplant* 2014 Apr 23. [Epub ahead of print]
- Bunnapradist S, Ciechanowski K, **West-Thielke P**, Mulgaonkar S, Rostaing L, Vasudev B, Budde K; **MELT Investigators**. Conversion from twice-daily tacrolimus to once-daily extended release tacrolimus (LCPT): the phase III randomized MELT trial. *Am J Transplant* 2013;13:760-9.
- Diaz FJ, Berg MJ, Krebill R, Welty T, Gidal BE, **Alloway R**, Privitera M. Random-effects linear modeling and sample size tables for two special crossover designs of average bioequivalence studies: the four-period, two-sequence, two-formulation and six-period, three-sequence, three-formulation designs. *Clin Pharmacokinet* 2013;52:1033-43.
- **Doligalski CT**, Benedict K, Cleveland AA, Park B, Degrade G, Pappas PG, Baddley JW, Zaas DW, **Harris MT**, Alexander BD. Epidemiology of invasive mold infections in lung transplant recipients. *Am J Transplant* 2014;14:1328-33.
- **Doligalski CT**, Liu E, **Sammons C**, Logan AT, **Silverman D**. Sublingual administration of tacrolimus: current trends and available evidence. *Pharmacotherapy*. Accepted for publication.

- **Doligalski CT**, Verbosky M, Alexander E, Kotis D, Powell M. Practice management training in the PGY1 residency year: best practices from two nationwide surveys. *Hosp Pharm* 2014;49:247-52.
- **Ejaz NS, Alloway RR**, Halleck F, Dürr M, Budde K, Woodle ES. Review of bortezomib treatment of antibody-mediated rejection in renal transplantation. *Antioxid Redox Signal* 2014 Apr 28. [Epub ahead of print] **Ejaz NS, Shields AR, Alloway RR, Sadaka B**, Girnita AL, Mogilishetty G, Cardi M, Woodle ES. Randomized controlled pilot study of B cell-targeted induction therapy in HLA sensitized kidney transplant recipients. *Am J Transplant* 2013;13:3142-54.
- **Ejaz NS, Sadaka B, Shields AR**, Cardi M, Wadih G, Witte D, Abu Jawdeh BG, Alloway RR, Woodle ES. A Banff component scoring-based histologic assessment of bortezomib-based antibody mediated rejection therapy. Submitted for publication.
- Gaber AO, **Alloway RR**, Bodziak K, Kaplan B, Bunnapradist S. Conversion from twice-daily tacrolimus capsules to once-daily extended-release tacrolimus (LCPT): a phase 2 trial of stable renal transplant recipients. *Transplantation* 2013;96:191-7.
- Karimi R, **Doyle IC**. Introduction to immunology. In: Karimi R, ed. *Biomedical and Pharmaceutical Sciences with Patient Care Correlations*. Burlington, MA: Jones & Bartlett, 2014. ISBN-13: 9781449621087
- Kim M, **Martin ST**, Townsend KR, Gabardi S. Antibody-mediated rejection in kidney transplantation: a review of pathophysiology, diagnosis, and treatment options. *Pharmacotherapy* 2014;34:733-44.
- **Krisl JC, Alloway RR, Shields AR**, Cardi MA, Woodle ES Bortezomib-based antibody-mediated rejection therapy and simultaneous conversion to belatacept. *Transplantation* 2014;97:e30-2.
- Lopilato AC, **Doligalski CT**, Caldiera C. Incidence and risk factor analysis for alterations in hemostasis in mechanical circulatory support recipients. *Artif Organs*. Accepted for publication.
- **Martin ST**, Cardwell SM, Nailor MD, Gabardi S. Hepatitis B reactivation and rituximab: a new boxed warning and considerations for solid organ transplantation. *Am J Transplant* 2014;14:788-96.
- Sawinski D, Forde KA, **Trofe-Clark J**, Patel P, Olivera B, Goral S, Bloom RD. Persistent BK viremia does not increase intermediate-term graft loss but is associated with de novo donor-specific antibodies. *J Am Soc Nephrol* Accepted for publication July 2014.

- Shaver CM, Castilho JL, Grogan EL, Miller GG, Dummer JS, Cohen DN, **Gray JN**, Lambright ES, Loyd JE, Robbins IM. Fatal Scopulariopsis infection in a lung transplant recipient: lessons of organ procurement. *Am J Transplant*. Accepted for publication.
- Tanriover B, Mohan S, Radhakrishnan J, Nickolas TL, Stone P, **Tsapepas DS**, Crew RJ, Dube GK, Sandoval PR, Samstein S, Dogan E, Gaston RS, Cohen DJ, Ratner LE, Hardy MA. Addressing organ shortage: expanding the role of dual kidney transplantation. *Am J Transplant* 2014;14:404-15.
- **Tsapepas D**, Langone A, Chan L, Wiland A, McCague K, Chisholm-Burns M. A longitudinal assessment of adherence with immunosuppressive therapy following kidney transplantation from the Mycophenolic Acid Observational RENal Transplant (MORE) study. *Ann Transplant* 2014;19:174-81.
- **Tsapepas DS**, McKeen JT, Martin ST, Walker-McDermott JK, Yang A, Hirsch J, Mohan S, Tiwari R. Risk Evaluation Mitigation Strategy programs in solid organ transplantation: the promises of information technology. *J Am Med Inform Assoc* 2014. [Epub ahead of print]
- **Tsapepas DS**, Mohan S. Preformed donor specific antibodies and risk of antibody mediated rejection in repeat renal transplantation. *Transplantation* 2014. [Epub ahead of print]
- **Tsapepas DS, Powell JT, Martin ST, McDermott J**, Yang A, Jirsch J, Mohan S, Tiwari R. Risk Evaluation Mitigation Strategy programs in solid organ transplantation: the promises of information technology. *J Am Med Inform Assoc* 2014.
- **Tsapepas DS**, Vasilescu R, Tanriover B, Coppleson Y, Rekhtman Y, Hardy MA, Dube GK, Crew RJ, Ratner LE, Cohen DJ, Mohan S. Preformed donor-specific antibodies and risk of antibody-mediated rejection in repeat renal transplantation. *Transplantation* 2014;97:642-7.
- Woodle ES, **Sadaka B**, Girnita A, **Walsh RC, Shields AR, Ejaz NS, Alloway RR**, Brailey P, Cardi M, Abu Jawdeh BG, Roy-Chaudhury P, Govil A, Mogilishetty G. Prospective iterative trial of proteasome inhibitor–based desensitization. *Am J Transplant*. Accepted for publication.

Book Chapters:

- Woodle ES, **Alloway RR, Ejaz NS**. Plasma cell biology: principles for therapeutic design. In: Cecka JM, Terasaki PI, eds. *Clinical Transplant*. Terasaki Foundation Laboratory, 277-83.

- **Krisl JC, Alloway RR**, Woodle ES. Off-label use of immunosuppressive agents in solid organ transplantation. In: *Textbook of Organ Transplantation*. Hoboken, NJ: Wiley-Blackwell, 2014:chap 101. ISBN: 978-1-118-87014-3.
- **Rogers CC, Pilch NA (Weimert), Tichy EM, Smith LA, Alloway RA**. Transplant pharmacy services. In: *Textbook of Organ Transplantation*. Hoboken, NJ: Wiley-Blackwell, 2014:chap 123. ISBN: 978-1-118-87014-3.

Other Notable Achievements:

Ninh (Irene) La-Beck:

Invited speaker, European Summit for Clinical Nanomedicine and Targeted Medicine, June 25, 2014, Basel, Switzerland; Academic editor, *Medicine* (Wolters Kluwer Health)

Infectious Diseases (ID) PRN

Introduction:

The Infectious Diseases PRN (ID PRN) continues to grow with more than 2000 members, including 648 trainees. The ID PRN membership has increased by more than 70% during a 5-year period. The ID PRN continues to support educational and research endeavors.

In August 2014, the ID PRN—together with the ACCP Critical Care PRN, the Society of Infectious Diseases Pharmacists (SIDP), and the Clinical and Laboratory Standards Institute (CLSI)—offered a live webinar, “The Role of Antimicrobial Testing and Reporting in Antibiotic Stewardship.” Also this year, the ID PRN provided a full-tuition scholarship to three of its members, Raymond Cha, Emi Minejima, and Kayla Stover, to attend the ACCP Focused Investigator Training (FIT) Program.

The following ID PRN members have been elected Fellows of ACCP and will be honored during the Annual Meeting in Austin, Texas. The ID PRN congratulates:

- P. Brandon Bookstaver, Pharm.D., BCPS (AQ-ID); Columbia, SC
- Mitchell S. Buckley, Pharm.D., FCCM, BCPS; Phoenix, AZ
- Renee-Claude Mercier, Pharm.D., BCPS; Albuquerque, NM
- Rocsanna Namdar, Pharm.D., BCPS; Denver, CO
- Mary E. Temple Cooper, Pharm.D., M.S., BCPS; Chagrin Falls, OH

Promotions:

- **Samuel Aitken:** Accepted a position as a clinical pharmacy specialist in infectious diseases at the University of Texas MD Anderson Cancer Center after completing a fellowship in infectious diseases at Baylor St. Luke's Medical Center/University of Houston College of Pharmacy
- **David Ha:** Accepted a position as an assistant professor of clinical sciences (infectious diseases) at the Keck Graduate Institute School of Pharmacy after completing a PGY2 residency at the University of California, San Diego
- **David Lourwood:** Promoted to an adjunct clinical associate professor at the St. Louis College of Pharmacy and the University of Missouri-Kansas City

Awards:

- **Emily Heil:** University of Maryland Pharmacy Residency and Fellowship Programs Preceptor of the Year
- **Paul Lata:** 2014 Pharmacist of the Year for Wisconsin by the Pharmacy Society of Wisconsin
- **Kady Phe:** Society of Infectious Diseases Pharmacist (SIDP) 2013–2014 Infectious Diseases Pharmacotherapy Paper Award
- **Angela Skaff:** American Society of Health-System Pharmacists (ASHP) Student Leadership Award/Cardinal Health Student Scholarship/Florida Society of Health-System Pharmacists (FSHP) Paul Magalian Student Scholarship
- **Velliyur Viswesh:** California Northstate University College of Pharmacy/Class of 2015 – Teacher of the Year (therapeutics course coordinator - infectious disease)

Grants:

- **Debra Goff:** Received an Engagement Impact Grant from Ohio State's Office of Outreach and Engagement to assist with her project, "Ohio State and South Africa Collaborate to Combat Antibiotic Resistant 'Superbugs.'" Goff's project was launched in 2013 with funding from the College of Pharmacy and South African hospital collaborators, connecting South African pharmacists with Ohio State mentors to develop the necessary skill set to contribute to antibiotic stewardship.
- **Emily Heil:** Patient Safety and Quality Improvement at the Point of Care. Interprofessional Education and Interprofessional Care Seed Grant. University of Maryland Center for Interprofessional Education

- **Kady Phe:** 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) Infectious Diseases Fellows Grant Program
- **Marc Scheetz:** Received a grant from National Institute of Allergy and Infectious Diseases (NIAID) for "Elucidation of an Informed Drug Dosing Scheme to Minimize Kidney Injury"
- **Kayla Stover:** Received a grant from the pharmaceutical industry

Publications (limited to 3):

- **Aitken SL, Beyda ND, Shah DN, Palmer HR, Lasco TM, Koo H, Garey KW.** Clinical practice patterns in hospitalized patients at risk for invasive candidiasis: role of antifungal stewardship programs in an era of rapid diagnostics. *Ann Pharmacother* 2014;48:683-90.
- **Aitken SL, Joseph TB, Shah DN, Lasco TM, Palmer HR, DuPont HL, Xie Y, Garey KW.** Healthcare resource utilization for recurrent *Clostridium difficile* infection in a large university hospital in Houston, Texas. *PLoS One* 2014;9:e102848.
- **Bland CM, Bookstaver PB, Lu ZK, Dunn BL, Rumley KF.** Musculoskeletal safety outcomes of patients receiving daptomycin with HMG-CoA reductase inhibitors. *Antimicrob Agents Chemother* 2014 Jul 14 [Epub ahead of print]
- **Bookstaver PB, Capino AC, Bookstaver NK.** A pharmacy concierge service to optimize fidaxomicin therapy. *Am J Health Syst Pharm* 2014;71:986-7.
- **Bookstaver PB, Justo JA.** Commentary on "Incidence and predictors of vancomycin-associated nephrotoxicity." *South Med J* 2014;107:389-90.
- **Bosch K, McLaughlin MM, Esterly JS, Rhodes NJ, Postelnick MJ, Scheetz MH.** Impact of vancomycin treatment duration and dose on kidney injury. *Int J Antimicrob Agents* 2014;43:297-8.
- **Cannon JP, Lee TA, Clark NM, Setlak P, Grim SA.** The risk of seizures among the carbapenems: a meta-analysis. *J Antimicrob Chemother* 2014;69:2043-55.
- **Darkoh C, Turnwald BP, Koo HL, Garey KW, Jiang ZD, Aitken SL, DuPont HL.** Colonic immunopathogenesis of *Clostridium difficile* infections. *Clin Vaccine Immunol* 2014;21:509-17.
- **Dilworth TJ, Leonard SN, Vilay AM, Mercier RC.** Vancomycin and piperacillin-tazobactam against methicillin-resistant *Staphylococcus aureus* and vancomycin-intermediate *Staphylococcus aureus*

in an in vitro pharmacokinetic/pharmacodynamic model. Clin Ther 2014 Jul 24. [Epub ahead of print]

- **Goff DA**, Bauer KA, Mangino JE. Bad bugs need old drugs: a stewardship program's evaluation of minocycline for multidrug-resistant *Acinetobacter baumannii* infections Clin Infect Dis 2014.
- **Goff DA**, Kayes K. Minocycline: an old drug for a new bug: multidrug-resistant *Acinetobacter baumannii*. Clin Infect Dis 2014.
- **Kisgen J**, Mansour H, Unger N, **Childs LM**. Tedizolid: a new oxazolidinone antimicrobial. Am J Health Syst Pharm 2014;71:621-33.
- Kular R, **Goff DA**. Transformation of antimicrobial stewardship programs through technology and informatics. Infect Dis Clin North Am 2014;28:291-300.
- **Phe K**, Johnson ML, Palmer HR, Tam VH. Validation of a model to predict the risk of nephrotoxicity in patients receiving colistin. Antimicrob Agents Chemother 2014 Aug 18. [Epub ahead of print]
- **Phe K**, Lee Y, McDanel PM, Prasad N, Yin T, Figueroa DA, Musick WL, Cotreau JM, Hu M, Tam VH. In vitro assessment and multicenter cohort study of comparative nephrotoxicity rates associated with colistimethate versus polymyxin B therapy. Antimicrob Agents Chemother 2014;58:2740-6.
- Quidley AM, **Bland CM**, **Bookstaver PB**, **Kuper K**. Perioperative management of bariatric surgery patients. Am J Health Syst Pharm 2014;71:1253-64.
- **Rhodes NJ**, MacVane SH, Kuti JL, **Scheetz MH**. Impact of loading doses on the time to adequate predicted beta-lactam concentrations in prolonged and continuous infusion dosing schemes. Clin Infect Dis 2014;59:905-7.
- **Rhodes NJ**, Richardson CL, Heraty R, Liu J, Malczynski M, Qi C, **Scheetz MH**. Unacceptably high error rates in Vitek 2 testing of cefepime susceptibility in extended-spectrum-beta-lactamase-producing *Escherichia coli*. Antimicrob Agents Chemother 2014;58:3757-61.
- **Rose L**, Bias TE, Mathias CB, Trooskin SB, Fong JJ. Sofosbuvir: a nucleotide NS5B inhibitor for the treatment of chronic hepatitis C infection. Ann Pharmacother 2014;48:1019-29.
- **Rose L**, Coulter MM, Chan S, Hossain J, Di Pentima MC. The quest for the best metric of antibiotic use and its correlation with the emergence of fluoroquinolone resistance in children. Pediatr Infect Dis J 2014;33:e158-61.
- Trivedi K, **Kuper K**. Hospital antimicrobial stewardship in the nonuniversity setting. Infect Dis Clin North Am 2014;28:281-9.

- Vargo C, Bauer K, Mangino J, Johnston J, **Goff DA**. Fidaxomicin: a case series of an antimicrobial stewardship program's real world experience at an academic medical center. Pharmacotherapy 2014.
- **Viswesh V**, Green MR, Armstrong EP. Efficacy of an alternative dosing strategy of meropenem in the treatment of high-risk febrile neutropenia in adult subjects. Infect Dis Clin Pract 2014. [Epub ahead of print]

Other Notable Achievements:

- **Sandy Estrada** has been elected secretary/treasurer of the Society of Infectious Diseases Pharmacists (SIDP).
- **Ivy Ge** has been invited for an oral presentation, "Appropriate Antibiotic Therapy Is Associated with Reduced Risk of Community-Acquired Clostridium difficile Infection," at the ID Week in Philadelphia on October 11, 2014.
- **Emily Heil** received Added Qualifications in Infectious Diseases (AQ-ID) certification.
- **Paul Lata** became a Board Certified Pharmacotherapy Specialist (BCPS).
- **Kristi Ryzner** became a Board Certified Pharmacotherapy Specialist (BCPS) with Added Qualifications in Infectious Diseases (AQ-ID) certification.
- **Marisel Segarra-Newnham** renewed Added Qualifications in Infectious Diseases (AQ-ID) certification.

Pediatrics PRN

Current Officers

Chair (2013–2014):	Bob John, Pharm.D., BCPS
Immediate Past Chair:	Hanna Phan, Pharm.D., BCPS
Chair-Elect:	Joseph LaRochelle, Pharm.D.
Secretary:	Janie Robles, Pharm.D.

Collaboration Committee (Chair: Joseph LaRochelle)

The Collaboration Committee has been hard at work on a major group paper. The Board of ACCP reviewed a proposal from the group and provided constructive feedback. The team reworked the first draft to produce a new draft titled "The Value of the Pediatric Clinical Pharmacist." A team of editors are currently editing this draft to produce the final document. After an external review, it will be submitted to ACCP for final review. The committee believes this document will be a useful

tool for pharmacists, physicians, hospital administrators, and other health care professionals.

Education Committee (Chair: Christina Piro)

The committee has been busily planning for the upcoming 2014 ACCP Annual Meeting PRN focus session. Because of member feedback, this year's session will feature "Clinical Controversies in Pediatric Critical Care." Placing renewed discussion among the pediatric community on the management of pulmonary hypertension, the first hour will address optimizing medication dosing across the pediatric population. In addition, many institutions are seeing a rise in the number of designer drug-related admissions, with little standardization of management approach. The second hour of programming will focus on reviewing current data in order to select appropriate management strategies. The Education Committee is charged with developing session proposals for the Annual Meeting. These proposals will rely heavily on PRN input and suggestions for topics. If you have any suggestions for future meetings, please contact the committee.

Nominations Committee (Chair: Tracy Hagemann)

The Nominations Committee sought candidates for chair-elect this year because the PRN's secretary/treasurer position is elected only every other year. In response to an e-mail call for nominations, two were received, but only one person submitted all the required materials before the deadline. Christina Cox, assistant professor at South Carolina College of Pharmacy, was slated for and elected to the office of chair-elect. Congratulations, Christina!

Student and Resident Committee (Chair: Chasity Shelton)

We are developing a survey to administer to 2013–2014 student/resident/fellow members to determine whether they obtained a residency/fellowship/job and whether it was in the field of pediatrics or another field. We hope to present these data at the Annual Meeting.

We are going to survey 2014–2015 members to determine additional needs/wants from the committee. We would like to assign mentor/mentee pairs before the Annual Meeting. A sign-up list will be sent in September to pair mentors/mentees and will inquire whether they are attending the Annual Meeting. We would like to pair up those who are attending to allow them to meet face-to-face at the meeting (if they are not already from the same institution/area). Right now, we see our primary committee role as providing mentorship/networking opportunities to student/resident/fellow members.

Research Committee (Chair: Varsha Bhatt-Mehta)

This being the first year for the Research Committee, the committee held several meetings to define its charges and develop a charter, which is currently under review. The goal of the Pediatrics PRN PBRN is to work under the umbrella of this parent ACCP PBRN and perform practice-based, patient outcomes-oriented research using the talent within the PRN to further pediatric pharmacotherapy research and the goals of the ACCP PBRN by closely collaborating and supporting its activities. Recently, the committee submitted an anticoagulation study to the Project Intake Committee for the PBRN.

Travel Award Committee (Chair: Hanna Phan)

For 2014, two travel awards (\$1000 each) were available to the Pediatrics PRN membership—(1) a Student Travel Award and (2) a Resident/Fellow Travel Award. Applicants for these awards are Pediatrics PRN student/resident/fellow members who are presenting (e.g., poster) at the 2014 ACCP Annual Meeting. Recipients of the award will be recognized at the annual PRN business meeting and will present their projects to those in attendance. Award recipients will also be recognized through announcement on the PRN e-mail list and the Spring PRN Report. The number of award applicants has increased over the years, which shows a greater awareness of students and residents/fellows about the Pediatrics PRN and its commitment to supporting future pediatric pharmacists. This award would not be possible without the efforts of its application reviewers and the support of the Pediatrics PRN membership. The committee would like to thank all reviewers through the years for their time and expertise and the Pediatrics PRN membership for supporting this award!

Promotions:

Joseph M. LaRochelle, Pharm.D., was promoted to clinical associate professor of pediatrics.

Awards:

- **Bob John:** Presidential citation from PPAG
- **Kalen Manasco:** Spirit of PPAG Award
- **Kimberly Novak,** Pharm.D., BCPS: Central Ohio Cystic Fibrosis Foundation, Columbus' Finest Award for Outstanding Young Professionals

Grants:

2014 ASHP New Investigator Grant. **Phan H,** Erstad BL, Billheimer D, Brown MA. Project: "Pharmacist Collaborative Practice in the Management of High-Risk Pediatric Asthma"

Publications:

Sandra Benavides:

- Editor of the "Pediatric Pharmacotherapy Self-Assessment," to be published in October by ASHP. Citation: **Benavides S**, Phan H, Nahata MC, eds. Pediatric Pharmacotherapy Self-Assessment. Bethesda, MD: American Society of Health-System Pharmacists; anticipated release September 15, 2014.
- Wrote or cowrote cases on nutrition, nephrotic syndrome, diabetic ketoacidosis, hypothyroidism in pediatric patients, and type 2 diabetes mellitus in pediatric patients
- Cowrote the introductory chapter titled "Clinical Assessment of the Pediatric Patient"

Nicholas Fusco:

- **Fusco NM**, Parbuoni K, Morgan JA. Drug utilization, dosing, and costs after implementation of intravenous acetaminophen guidelines for pediatric patients. *J Pediatr Pharmacol Ther* 2014;19:35-41.

Bob M. John:

- Honey BL, **John B**, Farnen T, Mausner P. Probiotic use in children. *The Rx Consultant* 2013; 22: 1-11.
- Kelly A, Kennedy AR, **John BM**, Little J, Lemanowicz J, Duane B. A comparison of heart rate changes associated with levalbuterol and racemic albuterol in pediatric cardiology patients. *Ann Pharmacother* 2013;47:644-50.
- Lloyd AE, Honey BL, **John BM**, Condren M. Treatment options and considerations for intestinal helminthic infections. *J Pharm Technol* 2014;30:130-9.

Pete Johnson:

- Cottrell M, Rathbun C, Webb R, **Johnson PN**, Lockhart S. Implications for hepatitis C treatment and disease progression in an HIV/HCV co-infected population. *J Virol Antivir Res*. Published online at doi: 10.4172/2324-8955.1000114.
- **Johnson PN**, Benefield EC, Bui PN, Gausaman JN, Marlar RA, Gessouroun M. Fondaparinux monitoring: need for a local fondaparinux calibrated anti-factor Xa assay. *J Pediatr Pharmacol Ther* 2013;18:318-9.
- **Johnson PN**, Benefield EC, Bui PN, Marlar RA, Gessouroun M. Fondaparinux in an obese child with heparin-induced thrombocytopenia and a history of renal failure. *J Pediatr Pharmacol Ther*

2013;18:303-10.

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Joseph LaRochelle:

- Johnson JL, Crawford LD, **LaRochelle JM**. A summer diabetes as an interprofessional service-learning experience for early experiential pharmacy students. *Curr Pharm Teach Learn* 2014;6:494-501.

Kalen Manasco:

- Rozette NA, Matragoon S, Sethi S, Goei S, **Manasco KB**, El-Remessy AB. Systemic effects of ophthalmic cyclopentolate on body weight in neonatal mice. *Neonatology* 2014;106:37-41.

Hanna Phan:

- Benavides S, **Phan H**, Nahata MC, eds. Pediatric Pharmacotherapy Self-Assessment. Bethesda, MD: American Society of Health-System Pharmacists. Pending release, fall 2014.
- Daines CL, Drake G, McGuire M, Parker M, Settle P, Werchan B, **Phan H**. Redesigning inpatient cystic fibrosis care. *Pediatr Pulmonol* 2013;48(suppl 36):392.
- Daines CL, **Phan H**, McGuire M, Parker M, Settle P, Werchan B, Drake G. Impact of a dedicated

respiratory care team on inpatient pulmonary outcomes. *Pediatr Pulmonol* 2013;48(suppl 36):392.

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- **Phan H**, Even NM. Cystic fibrosis. In: Katz MD, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy: Principles and Practice Casebook*, 3rd ed. New York: McGraw-Hill, 2014:67-70.
- **Phan H**, Nelson LC. Pediatric immunizations. In: Katz MD, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy: Principles and Practice Casebook*. New York: McGraw-Hill, 2014:391-4.
- Wheatley CM, Baker SE, Daines CL, **Phan H**, Morgan WJ, Snyder EM. Influence of the Vibralung device on pulmonary function and sputum expectoration in patients with cystic fibrosis. *Pediatr Pulmonol* 2013;48(suppl 36):357.

Katherine Smith:

- **Smith KP**, Madison CM, Milne NM. Gonadal suppressive and cross-sex hormone therapy for gender dysphoria in adolescents and adults. *Pharmacotherapy* 2014. In press.
- Wang Y, **Smith KP**. Alternative antiviral agents for neonatal herpes simplex virus (HSV) encephalitis and disseminated infection. *J Pediatr Pharmacol Ther* 2014;19:72-82.

New ACCP Fellows:

Sandra Benavides, Pharm.D., Austin, Texas (will be inducted at Annual Meeting)

Other Notable Achievements:

Sara Benavides

- Sandra Benavides, Pharm.D., Nashville, Tennessee: Inducted as FPPAG (fellow in PPAG)

Nicholas Fusco

- 2014 graduate of ACCP Research and Scholarship Certificate Program

Hanna Phan

- Elected to PPAG board as director-at-large for 2014–2017

Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN

Grants:

Timothy Bensman received an F31 fellowship from the NIH titled “Theta Defensins for Targeting the Metalloproteinase System in CF Airway Disease.”

Publications:

- **Caudle KE**, Klein TE, Hoffman JM, Muller DJ, Whirl-Carrillo M, Gong L, McDonagh EM, Sangkuhl K, Thorn CF, Schwab M, Agundez JA, Freimuth RR, Huser V, Lee MT, Iwuchukwu OF, Crews KR, Scott SA, Wadelius M, Swen JJ, Tyndale RF, Stein CM, Roden D, Relling MV, Williams MS, Johnson SG. Incorporation of pharmacogenomics into routine clinical practice: the Clinical Pharmacogenetics Implementation Consortium (CPIC) guideline development process. *Curr Drug Metab* 2014;15:209-17.
- Clancy JP, Johnson SG, Yee SW, McDonagh EM, **Caudle KE**, Klein TE, Cannavo M, Giacomini KM. Clinical Pharmacogenetics Implementation Consortium (CPIC) guidelines for ivacaftor therapy in the context of *CFTR* genotype. *Clin Pharmacol Ther* 2014;95:592-7.
- Crews KR, Gaedigk A, Dunnenberger HM, Leeder JS, Klein TE, **Caudle KE**, Haidar CE, Shen DD, Callaghan JT, Sadhasivam S, Prows CA, Kharasch ED, Skaar TC. Clinical Pharmacogenetics Implementation Consortium guidelines for cytochrome P450 2D6 genotype and codeine therapy: 2014 update. *Clin Pharmacol Ther* 2014;95:376-82.
- Dressler LG, Deal AM, **Patel JN**, Markey J, Van Riper M, McLeod HL. Cancer Pharmacogenomics, adoption by oncologists and patient benefit. *Pers Med* 2014;11:143-53.
- Gillis N, **Patel JN**, Innocenti F. Clinical implementation of germline cancer pharmacogenetic variants during the next-generation sequencing era. *Clin Pharmacol Ther* 2014;95:269-80.
- Muir AJ, Gong L, Johnson SG, Lee MT, Williams MS, Klein TE, **Caudle KE**, Nelson DR. Clinical Pharmacogenetics Implementation Consortium (CPIC) guidelines for *IFNL3* (IL28B) genotype and PEG interferon- α -based regimens. *Clin Pharmacol Ther* 2014;95:141-6.
- **Patel JN**, O’Neil BH, Deal AM, et al. A community-based multicenter trial of pharmacokinetically guided 5-fluorouracil (5-FU) dosing for personalized colorectal cancer therapy. *Oncologist* 2014. Accepted for publication.
- Ramsey LB, Johnson SG, **Caudle KE**, Haidar CE, Voora D, Wilke RA, Maxwell WD, McLeod HL,

Krauss RM, Roden DM, Feng Q, Cooper-DeHoff RM, Gong L, Klein TE, Wadelius M, Niemi M. The Clinical Pharmacogenetics Implementation Consortium (CPIC) guideline for *SLCO1B1* and simvastatin-induced myopathy: 2014 update. *Clin Pharmacol Ther* 2014 Jun 11. [Epub ahead of print]

- Relling MV, McDonagh EM, Chang T, **Caudle KE**, McLeod HL, Haidar CE, Klein T, Luzzatto L. Clinical Pharmacogenetics Implementation Consortium (CPIC) guidelines for rasburicase therapy in the context of *G6PD* deficiency genotype. *Clin Pharmacol Ther* 2014 May 2. [Epub ahead of print]
- Whaley SG, **Caudle KE**, Vermitsky JP, Chadwick SG, Toner G, Barker KS, Gygas SE, Rogers PD. *UPC2A* is required for high-level azole antifungal resistance in *Candida glabrata*. *Antimicrob Agents Chemother* 2014 May 27. [Epub ahead of print]

Book Chapters:

- Carr RR, Decarie D, **Ensom MHH**. Stability of epinephrine in standard concentrations. *Can J Hosp Pharm* 2014;67:197-202.
- Contreiras C, Legal M, Lau TTY, Thalakada R, Shalansky S, **Ensom MHH**. Identification of risk factors for nephrotoxicity in patients receiving extended-duration high-trough vancomycin therapy. *Can J Hosp Pharm* 2014;67:126-32.
- Kendrick J, **Ensom MHH**, Steer A, White C, Kwan E, Carr RR. Standard-dose versus high-dose acyclovir in children treated empirically for encephalitis: a retrospective cohort study of its use and safety. *Paediatr Drugs* 2014;16:229-34.
- Kiang TKL, Häfeli UO, **Ensom MHH**. A comprehensive review on the pharmacokinetics of antibiotics in interstitial fluid spaces in humans: implications on dosing and clinical pharmacokinetic monitoring. *Clin Pharmacokinet* 2014 Jun 28. [Epub ahead of print]
- Kiang TKL, Wilby KJ, **Ensom MHH**. Clinical pharmacokinetic drug interactions associated with artemisinin derivatives and HIV-antivirals. *Clin Pharmacokinet* 2014;53:141-53.
- Ma C, Decarie D, **Ensom MHH**. Stability of clonidine suspension in oral plastic syringes. *Am J Health Syst Pharm* 2014;71:657-61.
- Ng K, Mabasa VH, Chow I, **Ensom MHH**. Systematic review of efficacy, pharmacokinetics and administration of intraventricular vancomycin in adults. *Neurocrit Care* 2014;20:158-71.
- **Patel JN**, McLeod HL. Pharmacogenomics and cancer therapy: somatic and germ-line polymorphisms. In: Figg WD, McLeod HL, eds.

Handbook of Anticancer Pharmacokinetics and Pharmacodynamics, 2nd ed. Totowa, NJ: Humana Press, 2014:255-72.

Award:

Mary H.H. Ensom received the Class of 2014 Master Teacher Award, University of British Columbia Faculty of Pharmaceutical Sciences (May 2014).

Women's Health PRN

Kassandra Bartelme, Pharm.D., BCACP

Publication:

- Original Research – **Bartelme K**, Bzowycykj A, Frueh J, Speedie M, Jacobson G, Sorensen TD. Experience and outcomes of a pharmaceutical care leadership residency program. *Innov Pharm* 2014;5:Article TBA. www.pharmacy.umn.edu/innovations/prod/groups/cop/@pub/@cop/@innov/documents/article/cop_article_486296.pdf

Gerald Briggs, BPharm, FCCP

Publications:

- 10th edition of *Drugs in Pregnancy and Lactation* occurred on August 8, 2014
- Added two new coauthors and will be working on the 11th edition with Roger Freeman and me: Craig Towers, M.D., a maternal-fetal medicine specialist in Tennessee; and Alicia Forinash, Pharm.D., FCCP, BCPS, BCACP, at the St. Louis College of Pharmacy

Other:

- Sponsoring a pharmacist resident with an emphasis on obstetrics at Sacred Heart Hospital, Spokane, Washington. The resident will assume a clinical pharmacist position at the hospital, working with maternal-fetal medicine physicians, when she completes her residency. Her emphasis will be on showing cost-effectiveness for her practice.

Leadership:

- Continued as the co-chair, together with Janine Polifka, Ph.D., of the Research Committee, Organization of Teratology Information Specialist (OTIS), a position that I have held for 15 years; the committee oversees national and international research on drug exposure in human pregnancies

Retired from Long Beach Memorial Medical Center, Long Beach, California, on June 30, 2014, after 42½ years.

Alicia Forinash, Pharm.D., FCCP, BCPS, BCACP

Publications:

- Cowrote a PRN opinion paper – “Roles of the Pharmacist in the Use of Safe and Effective Long-Acting Reversible Contraception” by Sally Rafie, Jennifer McIntosh, Kayce Shealy, Laura Borgelt, Alicia Forinash, Sarah Shrader, Erin Koepf, Katie McClendon, Brooke Griffin, Cheryl Horlen, Lamis Karaoui, Emily Rowe, Nicole Lodise, and Patricia Wigle published in *Pharmacotherapy* (July 2014)
- Added as a coauthor to the 11th edition of *Drugs in Pregnancy and Lactation* by Gerald Briggs, BPharm, FCCP

Brooke L. Griffin, Pharm.D., BCACP

Publications:

- PRN opinion paper – “Roles of the Pharmacist in the Use of Safe and Effective Long-Acting Reversible Contraception” by Sally Rafie, Jennifer McIntosh, Kayce Shealy, Laura Borgelt, Alicia Forinash, Sarah Shrader, Erin Koepf, Katie McClendon, Brooke Griffin, Cheryl Horlen, Lamis Karaoui, Emily Rowe, Nicole Lodise, and Patricia Wigle. Published in *Pharmacotherapy* (July 2014)
- Elected Women’s Health PRN officer 2014–2015
- Chair-Elect

Erin R. Koepf, Pharm.D., BCACP

Publications:

- PRN opinion paper – “Roles of the Pharmacist in the Use of Safe and Effective Long-Acting Reversible Contraception” by Sally Rafie, Jennifer McIntosh, Kayce Shealy, Laura Borgelt, Alicia Forinash, Sarah Shrader, Erin Koepf, Katie McClendon, Brooke Griffin, Cheryl Horlen, Lamis Karaoui, Emily Rowe, Nicole Lodise, and Patricia Wigle. Published in *Pharmacotherapy* (July 2014)
- Elected Women’s Health PRN officer 2014–2015
- Public Policy Liaison

Christina M. Madison, Pharm.D., BCACP, AAHIVP

Award:

- Silver Syringe Award (accepted August 2014) given by the Southern Nevada Immunization and Health Coalition (SNIHC) Outstanding Pharmacy Immunization Program – for initiation and implementation of routine immunization service at the Southern Nevada Health District (SNHD) Sexual Health Clinic

Publications:

- Article title: “Gonadal Suppressive and Cross-Sex Hormone Therapy for Gender Dysphoria in Adolescents and Adults” by Katherine P. Smith, **Christina M. Madison**, and Nikki Milne
- *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy*. Accepted for publication and in galley proofs, to be published fall 2014.

Nikki Milne, Pharm.D., BCPS

Publication:

- Article title: “Gonadal Suppressive and Cross-Sex Hormone Therapy for Gender Dysphoria in Adolescents and Adults” by Katherine P. Smith, Christina M. Madison, and **Nikki Milne**
- *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy*. Manuscript accepted for publication and in galley proofs, to be published fall 2014.

Sally Rafie, Pharm.D., BCPS

Women’s Health PRN officer 2014–2015

- Chair

Publications:

- First author of PRN opinion paper – “Roles of the Pharmacist in the Use of Safe and Effective Long-Acting Reversible Contraception” by **Sally Rafie**, Jennifer McIntosh, Kayce Shealy, Laura Borgelt, Alicia Forinash, Sarah Shrader, Erin Koepf, Katie McClendon, Brooke Griffin, Cheryl Horlen, Lamis Karaoui, Emily Rowe, Nicole Lodise, and Patricia Wigle. Published in *Pharmacotherapy* (July 2014)
- Letter to the Editor on “What Is the Restriction on Over-the-counter Emergency Contraception Access Today?” by Rebecca Stone, Nicole Lodise, Anna Morin, and **Sally Rafie** published in *J Adolesc Health* in July 2014.

Katherine P. Smith, Pharm.D., BCPS

- Publication:
- First author article title: “Gonadal Suppressive and Cross-Sex Hormone Therapy for Gender Dysphoria in Adolescents and Adults” by **Katherine P. Smith**, Christina M. Madison, and Nikki Milne
- *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy*. Manuscript accepted for publication and in galley proofs, to be published fall 2014

Rebecca H. Stone, Pharm.D., BCPS, BCACP

Publication:

- First author – Letter to the Editor on “What Is the Restriction on Over-the-counter Emergency Contraception Access Today?” by **Rebecca Stone**, Nicole Lodise, Anna Morin, and Sally Rafie published in *J Adolesc Health* in July 2014

Elected Women’s Health PRN officer 2014–2015

- Secretary/Treasurer

New ACCP Fellows 2014

- Sarah P. Shrader, Pharm.D., BCPS; Prairie Village, KS
- Mary E. Temple Cooper, Pharm.D., M.S., BCPS; Chagrin Falls, OH



RI UPDATE

ACCP Research Institute 2014 PRN Report

Fall 2014 PRN Report

We want to share a quick update on select programs, activities, and successes of the Research Institute (RI). We also invite you to visit our Web site to read the overview of the RI’s Strategic Plan (www.accpri.org/about/plan.aspx). Thank you for supporting the ACCP RI.

Who Joins the ACCP PBRN?

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

The ACCP PBRN continues to grow since its launch in February 2009. We have more than 800 members to date, including members who belong to existing PRNs, whose data are shown in the following table. We encourage each of you to join!

How Do I Join the ACCP PBRN?

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

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

ACCP PBRN Members	PRN Code	PRN
95	AMED	Adult Medicine
183	AMBU	Ambulatory Care
116	CARD	Cardiology
21	CNSY	Central Nervous System
28	CADM	Clinical Administration
109	CRIT	Critical Care
6	DINF	Drug Information
82	EDTR	Education and Training
21	EMED	Emergency Medicine
39	ENDO	Endocrine and Metabolism
34	GERI	Geriatrics
18	GILN	GI/Liver/Nutrition PRN
3	GLBL	Global Health
20	OCEC	Health Outcomes
43	HMON	Hematology/Oncology
5	HIV	HIV
35	IMTR	Immunology/Transplantation
95	INFD	Infectious Diseases
24	NEPH	Nephrology
23	PAIN	Pain and Palliative Care
47	PEDI	Pediatrics
5	INDU	Pharmaceutical Industry
21	PKPD	Pharmacokinetics/ Pharmacodynamics/ Pharmacogenomics
27	WOMN	Women’s Health

8/26/2014

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.

2014 ACCP Annual Meeting: Austin, Texas

Research Institute Open House:
October 14, 8:00 a.m. – 10:00 a.m.

Grand Ballroom G, Austin Convention Center

The RI is hosting an Open House to spotlight the Practice-Based Research Network (PBRN) and ACCP investigator training programs. Join us for roundtable discussions or individual Q&A time with RI Board members, Focused Investigator Training (FIT) Program faculty and alumni, Research and Scholarship faculty and alumni, and members of the PBRN's Community Advisory Panel to learn more about these programs, including how to get involved, and begin connecting with other ACCP members about research ideas and grant development. RI staff will also be available to listen to your ideas for investigator training, the PBRN—or any other RI program.



FROM THE DESK OF THE ACCP PBRN NETWORK DIRECTOR: AN UPDATE ON RESEARCH INITIATIVES WITHIN THE PBRN

Since our update last spring, the PBRN has continued to move forward on several important initiatives. Two of these important initiatives are described in the paragraphs that follow.

Earlier this year, we successfully showed the feasibility of conducting two funded studies, both of which will use the PBRN, and we are eagerly looking forward to recruiting sites during the next several weeks. The first is a non-interventional study evaluating the challenges and attitudinal barriers to adopting immunization recommendations in U.S. health systems. In 2012, the Advisory Committee on Immunization Practices (ACIP) recommended the 13-valent pneumococcal conjugate vaccine (PCV13) for adults 19 years and older with immunocompromising conditions. However, implementing guidelines at the patient care level requires a comprehensive, multidisciplinary approach to recognize and overcome operational barriers to ensure success. In addition, there is considerable competition for the limited resources required to implement guidelines at the institutional or health system level. Using a comprehensive questionnaire, this study seeks to identify the challenges and barriers to implementing or updating guidelines, using the ACIP pneumococcal immunization recommendations as a model.

The second study seeks to identify prescriber perceptions of, attitudes about, and preferences for various

factors important in the choice of antipsychotic therapy. The primary aim of this study is to determine how clinicians' (psychiatrists and pharmacists) beliefs and attitudes affect the choice of atypical antipsychotic agent in the therapy of schizophrenia and bipolar disorder. Although we have a relatively good understanding of the effectiveness and safety of many newer antipsychotic medications, no studies have been conducted in the United States evaluating factors affecting prescriber selection of these medications, perception of effectiveness and safety, or preferences for selecting therapy since newer antipsychotic agents have become available.

If you are not currently a member, please consider joining the PBRN and participating in one of these studies. For more information about these studies or on how you can get involved with PBRN projects, please contact us by e-mail at pbrn@accp.com or telephone at (913) 492-3311.

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



BETTIN' ON A FUN TIME CASINO NIGHT AND ACCP CITY LIMITS KARAOKE STAGE



The ACCP Research Institute (RI) invites all 2014 Annual Meeting attendees to our "Bettin' on a Fun Time Casino Night and ACCP City Limits Karaoke Stage" held in conjunction with the ACCP Opening Reception on Sunday, October 12, from 6:00 p.m. to 9:00 p.m. in the Hilton Austin Grand Ballroom (sixth Floor).

Join in the fun with your colleagues to:

- Compete for ACCP high rollers recognition!
- Multiply your chances in the end-of-night drawing by cashing in more chips!
- Make donations to challenge colleagues, instructors, and mentors to donate or sing!
- Vote for winning ACCP City Limits Karaoke performances!

Receive 10 free chips at the door with your ACCP

meeting badge, and get additional chips with your on-site donations to the RI. One hundred percent of all donations made to the RI during this event will go to support the Institute's research initiatives.

Please consider donating to help develop clinical pharmacy researchers and advance clinical pharmacy research through the 2014 RI Frontiers Fund. Easy tax-deductible donations can be made online at www.accpri.org/donate.

What Is Your Pharmacy Legacy Going to Be?

Learn more about the ACCP Legacy Society, and tap into our free professional gift giving advice and estate planning tools at www.accpri.org/frontiers/legacy.aspx.



WASHINGTON UPDATE

ACCP Washington Office: PRN Update, August 2014

Advocacy Programming at the ACCP Annual Meeting

ACCP Medicare Initiative: Updates from Capitol Hill

Monday, October 13, 2014, from 9:15 a.m. to 11:15 a.m. Convention Center, Meeting Room 16

Learn about the progress ACCP has made in its legislative initiative to secure Medicare Part B coverage for comprehensive medication management (CMM) services provided by qualified clinical pharmacists as members of the patient's health care team. Hear the latest from Capitol Hill and the outlook for 2015. Find out how you can get involved through grassroots advocacy and the ACCP-PAC to help move this initiative forward in Congress.

Ambulatory Care PRN Focus Session—Implications of the Affordable Care Act on Ambulatory Care Clinical Pharmacy

Monday, October 13, 2014, from 1:30 p.m. to 3:30 p.m.

Available for 2.0 hours of CPE credit

- The Status of the Affordable Care Act and Ambulatory Care Clinical Pharmacy: Where We Are and What Is Still to Come. Speaker: Gary R. Matzke, Pharm.D., FCCP, FASN
- Practice Opportunities and Risks of the Affordable Care Act. Speaker: Stuart T. Haines, Pharm.D., BCPS, BCACP, BC-ADM

- Ambulatory Care Clinical Pharmacists as Part of the Health Care Team: Where We Are and How to Advocate for Your Profession. Speakers: Seena L. Haines, Pharm.D., BC-ADM; and Curtis E. Haas, Pharm.D., FCCP, BCPS

[Click here](#) to learn more about the Ambulatory Care PRN Focus Session.

ACCP Submits Comments on Two Senate Finance Committee Initiatives

With Congress out of session until September and the November elections already looming, congressional staff acknowledge that it is unlikely that any major legislative initiatives will advance this year. But the Senate Finance Committee is already looking ahead to the 114th Congress and has begun preliminary work on some important health care initiatives that could in 2015. ACCP recently provided comments on two issues under consideration.

Future of Health Care Data

Finance Committee Chairman Wyden (D-OR) and Senator Grassley (R-IA) invited health care stakeholders to provide input on ideas that will enhance the availability and utility of health care data while maintaining and strictly protecting patient privacy.

In a press release, the senators noted,

Health care—related data, specifically, is a growing but largely untapped resource for accelerating improvements in health care quality and value. These data have great potential for use by consumers who can be empowered to choose providers that best fit their specific needs; by providers who can improve and deliver higher-quality care; and by payers who can design the most efficient and effective delivery models.

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

Chronic Illness: Addressing Patients' Unmet Needs

On July 15, the Finance Committee held a full hearing into addressing the challenges of chronic illness. In his opening statement, Chairman Wyden noted that more than two-thirds of Medicare beneficiaries are now dealing with multiple chronic conditions and that their care accounts for almost all—93%—of Medicare spending. Chairman Wyden went on to highlight issues that arise when patient care, particularly related to medication use, is uncoordinated with different providers operating in silos.

- [Click here](#) to read more about the Senate Finance Committee Hearing.

- [Click here](#) to read ACCP's comments submitted to the Committee.

Outlook for ACCP's Medicare Initiative

With time running out for major legislative activity in 2014, it would be unrealistic to expect any significant movement on our Medicare Initiative before 2015. As the 113th Congress winds down, congressional staff are already looking ahead to next year and the new Congress. For the remainder of this year, ACCP will continue to work with elected officials on both sides of the aisle to secure additional support for our initiative and position it for consideration as part of the larger Medicare payment reform discussion.

To date, our proposal has been consistently well received by House and Senate offices from both political parties. According to feedback we have received from our conversations with congressional staff, several areas related to our proposal have been highlighted as particular strengths:

- **The Need for Robust Medication Management Services.** The challenge of managing complex, chronically ill Medicare beneficiaries to clinical goals and the financial and societal costs associated with the failure to meet these goals are widely understood on Capitol Hill. Integrated, team-based patient care and payment models that reward value and outcomes rather than volume have been identified by policy leaders as the solution to this growing health care crisis. As part of this conversation, the need for coverage of robust medication management services is recognized, and qualified clinical pharmacists are considered the health care provider ideally positioned to deliver this service.
- **The Part D Experience.** Part D medication therapy management (MTM), although enjoying some political backing, is recognized as a limited and structurally flawed benefit that is administrative rather than clinical in nature. Even though the inclusion of an MTM benefit within Part D established an important precedent in including a patient care service component to accompany the coverage of prescription drugs, there is a growing acceptance—as highlighted recently by [comments made by the Medicare Payment Advisory Commission \(MedPAC\) submitted to Centers for Medicare & Medicaid Services \(CMS\)](#)—that Part D MTM, as it is currently structured, cannot achieve the full potential of robust medication management care. Furthermore, that 30% of Medicare seniors are not enrolled in Part D and lack access to any medication management service is recognized as a significant gap in Medicare coverage.

- **Collaborative Practice Agreements.**

Congressional staff have indicated that the requirement for patient care to be delivered under formal collaborative practice agreements is an essential provision. This structure ensures that care is truly team based and that the effort is truly aimed at securing payment for pharmacists as part of integrated health care teams, rather than directly billing for services provided in a siloed, fee-for-service structure. In addition, the collaborative practice approach provides support for our position that organized medicine is, in general, comfortable with the model of care we are trying to advance.

- **Evolving Payment Models.** Congressional staff have been encouraged by our efforts to align our proposal with the evolving, team-based, integrated delivery models that Medicare hopes to adopt. That our proposal is consistent with the model of care endorsed by the Patient-Centered Primary Care Collaborative (PCPCC) provides additional credibility to support this position. Although there is a natural reluctance in Congress to expand Medicare under the current, flawed, fee-for-service system, staff recognize that until Medicare payment policy shifts entirely to a bundled or capitated payment model, coverage under the existing Part B structure will be necessary to ensure coverage for and delivery of CMM services.
- **Partnership with CPNP** (College of Psychiatric and Neurologic Pharmacists). Mental and behavioral health issues are currently considered a priority on Capitol Hill, admittedly in the absence of a meaningful bipartisan consensus on what a legislative package addressing these issues should include. However, several congressional offices have noted the additional challenges that patients with mental or behavioral conditions face in appropriately managing medication therapies and the particular importance of making a Part B CMM benefit available to this patient population.

For complete information on ACCP's advocacy effort, visit our Medicare Coverage Initiative page at <http://www.accp.com/govt/medicare.aspx>.

To find out how you can get more involved in our grassroots effort, visit our Legislative Action Center at <http://capwiz.com/accp/home/>.

November Congressional Election Preview

Decades of partisan redistricting, combined with an increasingly polarized electorate, have created a situation in which only 14 of the 435 House seats being contested in November are considered truly competitive (rated "toss-up")

by [the Cook Political Report](#), and an astonishing 356 seats are considered either solidly Republican or Democratic. Because House Republicans hold a 33-seat majority (234 seats to the Democrats' 201 seats), Democratic challengers would need to win all 14 of those "toss-up" races, as well as 20 seats from races considered "lean" or "likely" Republican, while retaining control of all the seats they currently hold to win control of the House. In short, the Republican Party is widely expected to control the House when the 114th Congress is sworn in.

On the Senate side, where the Democrats hold a 55:45 seat majority (including two Independents who caucus with the Democrats), the outlook is less clear. Democrats must defend 21 of the 36 Senate seats being contested, compared with 15 races for the seats currently held by Republicans.

The GOP requires a net gain of six seats to secure control of the Senate. As things currently stand, polls indicate that Republicans should pick up seats in Montana, South Dakota, and West Virginia. Both South Dakota and West Virginia are open contests because incumbent Democratic Senators Tim Johnson (SD) and Jay Rockefeller (WV) are retiring. In Montana, incumbent Democratic Senator John Walsh was appointed to the seat after long-standing Senator Max Baucus stepped down to become the U.S. ambassador to China. Senator Walsh is embroiled in a scandal regarding accusations that he plagiarized a research paper while attending the U.S. Army War College in Pennsylvania and has confirmed that he will not seek reelection.

In as many as eight other states, the Senate election looks increasingly favorable for Republicans to pick up seats currently held by Democrats. Incumbent Democratic Senators Pryor (AR), Landrieu (LA), Hagen (NC), and Begich (AK) all face tough races in states that generally lean Republican, whereas the open seat in Iowa vacated by retiring Senator Tom Harkin is rated "too close to call" but is considered "winnable" by Republican strategists. The only hope for Democratic pick-ups are in Kentucky (where Republican Minority Leader McConnell faces Secretary of State Alison Lundergan Grimes) and the open seat in Georgia (where Republican businessman David Purdue faces Democrat nonprofit CEO Michelle Nunn).

With Republicans looking strong in seven or eight races for seats currently held by Democrats, their path to the majority looks fairly clear. To retain power in the Senate, Democrats would need to hold onto at least three of the eight states where they are considered vulnerable, or squeak an unlikely victory in the two states identified as possible Democratic gains. Of course, a long road remains between now and November, and as history has proven, candidates from either party could see a seemingly unassailable lead evaporate between now and then.

Advancing Our Medicare Initiative Through Grassroots Action

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

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

Identifying Political Champions

In seeking to identify potential champions to advance our initiative in Congress, we need to find 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.

In addition, legislation would ideally be introduced in a bipartisan manner, meaning a Republican and a Democrat from a committee of jurisdiction would work together to cosponsor a bill on our behalf. Although we acknowledge the challenge of identifying bipartisan cosponsors from the key committees of jurisdiction, we have taken care to ensure our legislative proposal is entirely nonpartisan and focused on issues that members from both parties can agree on—improving quality and lowering costs in the Medicare program.

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 several 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 jmclew@accp.com.

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



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

Political contributions are an essential component of our

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

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

ACCP-PAC depends entirely on the support of ACCP members. Although several PACs are representing various segments of the pharmacy profession, ACCP's is the only PAC dedicated to advancing the practice of clinical pharmacy.

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

Now Accepting Applications—ACCP/ASHP/VCU Pharmacy Policy Fellow Program

The Congressional Healthcare Policy Fellow Program is a collaborative effort of ACCP, the School of Pharmacy at the Medical College of Virginia/Virginia Commonwealth University, and the American Society of Health-System Pharmacists.

The program provides a unique health care policy learning experience designed to demonstrate the value of pharmacy-government interaction and to facilitate practical contributions to the effective use of scientific and pharmaceutical knowledge in government policy development. Fellows spend a month with each of the professional organizations as members of their respective government and professional affairs staff. In November of the fellow year, fellows begin working in a legislative environment requiring health care input on the staff of an individual senator or representative or a relevant congressional committee.

The program is an enriching opportunity for the Fellow to develop legislative evaluation and policy development skills, improve research and writing skills and integrate practical policy experience with theory. The Fellow will be expected to undertake a wide array of responsibilities including researching and preparing briefs on health care issues, assisting with policy decisions, drafting memoranda, planning, and organizing and carrying out program and management objectives.

The congressional office (personal or committee) placement should ideally be with one of the committees that predominantly deal with health issues such as the Senate Health, Education, Labor, and Pensions (HELP) Committee and Senate Finance Committee or the House Ways and Means or Energy and Commerce Committees.

Applications for 2015–2016 Pharmacy Healthcare Policy Fellow Program

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

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

Now in its fifth year, ACCP's national team competition for pharmacy students returns to the Annual Meeting in Austin, Texas. From an initial field of 104 teams, eight have advanced through four online rounds of competition to reach the quarterfinals. Following are the 2014 ACCP Clinical Pharmacy Challenge Quarterfinal Teams.

Quarterfinalist Teams:

- Purdue University College of Pharmacy
- South Dakota State University College of Pharmacy
- Southern Illinois University Edwardsville School of Pharmacy
- Touro University - California College of Pharmacy
- University of Kentucky College of Pharmacy
- University of North Carolina Eshelman School of Pharmacy
- University of the Sciences Philadelphia College of Pharmacy
- University of Utah College of Pharmacy

Join us for the live round Challenge action at the Annual Meeting in Austin, Texas

2014 ACCP Clinical Pharmacy Challenge Schedule

Saturday, October 11

Quarterfinal A 9:00 a.m. – 9:30 a.m.

Southern Illinois University Edwardsville School of Pharmacy	vs.	Touro University-California College of Pharmacy
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Quarterfinal B 9:45 a.m. - 10:15 a.m.

University of North Carolina Eshelman School of Pharmacy	vs	University of the Sciences Philadelphia College of Pharmacy
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Quarterfinal C 10:30 a.m. - 11:00 a.m.

Purdue University College of Pharmacy	vs.	University of Kentucky College of Pharmacy
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Quarterfinal D 11:15 a.m.- 11:45 a.m.

University of Utah College of Pharmacy	vs.	South Dakota State University College of Pharmacy
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Sunday, October 12

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

Winner Quarterfinal A	vs.	Winner Quarterfinal D
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Semifinal B 5:15 p.m. – 5:45 p.m.

Winner Quarterfinal B	vs	Winner Quarterfinal C
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Monday, October 13

Final Round 11:00 a.m. – 11:30 a.m.

Winner Semifinal A	vs.	Winner Semifinal B
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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 \$52,000 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
- Pharmacokinetics/Pharmacodynamics/
Pharmacogenomics
- 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.

2014–2015 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-Judith Jacobi selected student members for appointment. The committee will convene at the upcoming 2014 Annual Meeting. ACCP is pleased to announce the appointment of the following student members to the 2014–2015 ACCP SNAC.

Chair: Kyle Strnad, Thomas Jefferson University

Vice Chair: Tyler Vest, University of Cincinnati
James L. Winkle College of Pharmacy
Secretary: Erin McCreary,
Auburn University Harrison School of Pharmacy

Members-at-Large:

- Matt Atkinson, Oregon State University College of Pharmacy
- Kelsey Billups, Virginia Commonwealth University
- Timothy Howze, University of Tennessee Health Science Center College of Pharmacy
- Jennifer Koehl, University of California San Francisco
- Ruby Lee, St. John's University College of Pharmacy and Health Sciences
- Alexander Olinger, South Dakota State University College of Pharmacy
- Jinhee Park, University at Buffalo, The State University of New York School of Pharmacy and Pharmaceutical Sciences

- Rebecca Pulk, University of Minnesota College of Pharmacy

ACCP Formally Establishes Student Chapters

ACCP is pleased to announce that schools and colleges of pharmacy can now submit an application to form an officially recognized ACCP student chapter. Because of the growing interest in clinical pharmacy, the ACCP Board of Regents seeks to expand opportunities for student involvement in the College by formally recognizing student chapters. Students can benefit from ACCP membership in many ways, including:

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

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

Schools with ACCP Student Chapters:

- Albany College of Pharmacy and Health Sciences
- Auburn University Harrison School of Pharmacy
- Butler University College of Pharmacy and Health Sciences
- California Northstate University College of Pharmacy
- Campbell University College of Pharmacy and Health Sciences
- Chicago State University College of Pharmacy
- Concordia University School of Pharmacy

- Drake University College of Pharmacy and Health Sciences
- Howard University College of Pharmacy
- Lake Erie College of Osteopathic Medicine School of Pharmacy - Bradenton Campus
- Lake Erie College of Osteopathic Medicine School of Pharmacy - Erie Campus
- Long Island University Arnold and Marie Schwartz College of Pharmacy and Health Sciences
- Mercer University College of Pharmacy
- Northeast Ohio Medical University College of Pharmacy
- Northeastern University Bouvé College of Health Sciences School of Pharmacy
- Nova Southeastern University College of Pharmacy
- Oregon State University College of Pharmacy
- Palm Beach Atlantic University Lloyd L. Gregory School of Pharmacy
- Regis University School of Pharmacy
- Roosevelt University College of Pharmacy
- Roseman University of Health Sciences College of Pharmacy
- Rutgers University: Ernest Mario School of Pharmacy
- St. John Fisher College Wegmans School of Pharmacy
- St. John's University College of Pharmacy and Health Sciences
- St. Louis College of Pharmacy
- Samford University McWhorter School of Pharmacy
- South Dakota State University College of Pharmacy
- Touro University - California College of Pharmacy
- Union University School of Pharmacy
- University of California, San Francisco School of Pharmacy
- University of Cincinnati James L. Winkle College of Pharmacy
- University of Florida College of Pharmacy
- University of Georgia College of Pharmacy
- University of Houston College of Pharmacy
- University of Iowa College of Pharmacy
- University of Maryland School of Pharmacy
- University of Minnesota College of Pharmacy
- University of Mississippi School of Pharmacy

- University of Missouri-Kansas City School of Pharmacy
- University of Montana College of Health Professions and Biomedical Sciences Skaggs School of Pharmacy
- University of South Florida School of Pharmacy
- University of the Sciences Philadelphia College of Pharmacy
- University of Toledo College of Pharmacy and Pharmaceutical Sciences
- University of Utah College of Pharmacy
- VCU School of Pharmacy
- Wayne State University Eugene Applebaum College of Pharmacy and Health Sciences
- West Virginia University School of Pharmacy

ACCP's Popular On-Demand Curriculum Vitae Review Service Returns

As the clinical pharmacy profession continues to experience an increase in demand and competition for residency positions and first-rate jobs, it is vital that students and postgraduate trainees have a well-written CV. An effective CV provides a positive image for future selection of committees or employers, and it distinguishes an individual from the rest of the crowd. As questions arise in preparing and completing a CV, wouldn't it be helpful to have a seasoned professional review it?

ACCP student, resident, and fellow members can now submit their CV online as a Microsoft Word document and have it randomly assigned to a volunteer ACCP member reviewer. The ACCP reviewer will provide his or her comments and suggested edits using the track changes feature of Microsoft Word. Participants will receive an e-mail containing feedback from the reviewer within 2 weeks. In response to feedback from past users, ACCP has made two important changes to the service. First, the CV Review Service will be open year-round so that you can upload your CV for review anytime you choose. In addition, after receiving feedback on your CV from an initial reviewer, you can now upload your CV to be reviewed by a second reviewer.

When preparing a CV for review, be sure to take advantage of ACCP's other Web-based resources. Learn or review the basics of CV formatting, view sample CVs, and access valuable "curriculum vitae pearls," which provide practical insights in developing a CV. These services and other resources are accessible from the ACCP Web site at <http://www.accp.com/stunet/cv.aspx>.

For questions about the ACCP CV Review Service, contact Michelle Kucera, Pharm.D., BCPS, at mkucera@accp.com.

PGT UPDATE

Residents, Fellows, and Graduate Students

Experts in Training: All resident, fellow, and graduate student members of ACCP receive a monthly electronic newsletter titled *Experts in Training* that highlights membership benefits, important dates, and advice from other residents. During the past year, this has also included a Q&A section that allows a resident to ask a question of a more experienced ACCP member. The answers to these questions are housed on the ACCP Web site (www.accp.com/resfel/newsletter.aspx).

ACCP Mentoring Program: This unique program allows all postgraduate trainee members of ACCP to search for and select a mentor from our database of ACCP volunteer members. We currently have 123 ACCP mentors! 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.

New Programming at the Annual Meeting: ACCP has expanded its Annual Meeting educational programming for residents, fellows, and graduate students to include the following: *Chart the Course of Your Professional Future*, an Annual Meeting symposium 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, a new Professional Development Roundtable Session will be offered exclusively for postgraduate trainees. The Professional Development Roundtable Session will focus on topics that guide early practitioners through several career transitions, including precepting, shared faculty positions, board certification, journal refereeing, and clinical and multicenter research.

Congratulations to the New Resident Advisory Committee

The 2014–2015 Resident Advisory Committee has been appointed. The committee will be chaired by Philip K. King and co-chaired by Tamara Malm. Members-at-large serving on the committee include Autumn Bagwell, Cindy Brasher, Leo Buckley, Breannie A. Charles, Angela Colella, Lucas G. Hill, Kazuhiko Kido, Kalynn Rohde, Allie Schroeder, and Cedona Watts.

SAVE THE DATE SPRING

Mark Your Calendar Now for the **NEW Critical Care Pharmacy and Pediatric Pharmacy Preparatory Review Courses**



Image courtesy Hyatt Regency O'Hare.

April 10–14 • Chicago's Hyatt Regency O'Hare

Mark your calendar for ACCP's new Critical Care Pharmacy Preparatory Review Course and Pediatric Pharmacy

Preparatory Review Course. Developed by experts in Critical Care Pharmacy and Pediatric Pharmacy, both courses are designed to help you prepare for the new Board of Pharmacy Specialties (BPS) Pharmacy Specialty Examinations in either Critical Care Pharmacy or Pediatric Pharmacy, which will be offered for the first time in October 2015.

The new Critical Care Pharmacy and Pediatric Pharmacy Preparatory Review courses join the popular *Ambulatory Care Pharmacy and Pharmacotherapy Preparatory Review and Recertification courses*. Each course provides an excellent review for ambulatory care, critical care, pediatric, and pharmacotherapy practitioners seeking to remain current in their practice.

Registration opens November 2014. All four courses will take place at Chicago's Hyatt Regency O'Hare located in Rosemont, Illinois, from April 10 to 14, 2015. Watch the ACCP Web site, www.accp.com, for complete meeting details.

SAVE THE DATE INTERNATIONAL CONGRESS

Mark Your Calendars for the 2015 ACCP Global Clinical Pharmacy Conference in San Francisco, California

Join your colleagues, mentors, and friends at the 2015 ACCP Global Clinical Pharmacy Conference, October 17–21, 2015, in San Francisco, California. The ACCP Global

Conference will offer stellar educational programming on the most topical issues for national and international practitioners, interactive professional development sessions, highly specialized practice and research focus sessions, and unmatched networking opportunities that will provide you with access to the current leaders and groundbreakers in clinical pharmacy.



Global conference attendees will have the chance to visit one of the world's most beautiful cities and experience state-of-the-art meeting facilities at the Hilton San Francisco Union Square, located in the heart of downtown San Francisco. San Francisco offers a wide variety of dining choices; world-renowned contemporary and modern art galleries, museums, and theaters; and popular tourist attractions such as the historic cable cars, Fisherman's Wharf, Alcatraz Island, Golden Gate Park, and Chinatown, making the city an ideal meeting and vacation destination.

The educational program developed for the 2015 ACCP Global Clinical Pharmacy Conference will provide high-quality, cutting-edge curricular tracks and specialty sessions that feature interactive debates and panel discussions as well as engaging workshops and lectures addressing novel topics and

issues that are challenging and applicable to your practice. The meeting's schedule of events will also include highly specialized practice and research network (PRN) focus sessions, specialty recertification sessions in pharmacotherapy and ambulatory care, ACCP Academy core programming focusing on key professional development issues, the Residency and Fellowship Forum, and much more! In addition, you won't want to miss the highly anticipated scientific paper and platform presentations, the international poster presentations, the Town Hall Meeting, and the exciting live semifinal and final rounds of the ACCP Clinical Pharmacy Challenge, which draws talented student teams from the nation's top pharmacy schools. Registration for the 2015 Annual Meeting will open in February 2015. Watch the ACCP Web site for more details.

PRN MEMBERSHIP TOTALS

Practice and Research Network	TOTAL
Adult Medicine PRN (AMED)	1165
Ambulatory Care PRN (AMBU)	2001
Cardiology PRN (CARD)	1228
Central Nervous System PRN (CNSY)	251
Clinical Administration PRN (CADM)	461
Critical Care PRN (CRIT)	2133
Drug Information PRN (DINF)	362
Education and Training PRN (EDTR)	559
Emergency Medicine PRN (EMED)	657
Endocrine and Metabolism PRN (ENDO)	296
Geriatrics PRN (GERI)	405
GI/Liver/Nutrition PRN (GILN)	217
Global Health PRN (GLBL)	30
Health Outcomes PRN (OCEC)	211
Hematology/Oncology PRN (HMON)	795
Human Immunodeficiency Virus PRN (HIV)	41
Immunology/Transplantation PRN (IMTR)	449
Infectious Diseases PRN (INFD)	2107
Nephrology PRN (NEPH)	218
Pain and Palliative Care PRN (PAIN)	370
Pediatrics PRN (PEDI)	913
Pharmaceutical Industry PRN (INDU)	319
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN (PKPD)	313
Women's Health PRN (WOMN)	278
TOTAL:	15,779

PRN CONTACT INFORMATION

PRN Contact Information

For more information on a specific PRN, please contact the incoming chair listed in the following table.

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