

PRESIDENT'S COLUMN

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The Power of Networking

It's hard to believe that the first ACCP PRNs were formed more than 20 years ago. When I think of why members should join and get involved in an ACCP PRN, the first benefit that comes to mind is networking with other ACCP members who share similar interests. I must admit that I did not fully appreciate the importance of networking early in my career. In this column, I describe why networking is so important.

PRNs provide a forum for the discussion of issues and topics of common interest. Topics can vary from a clinical question related to a particular patient to an issue of national importance. PRNs are provided the opportunity to plan a focus session and to host a networking session during the Annual Meeting. These "live" meetings provide valuable networking opportunities for members to interact with other PRN members. These meetings are beneficial to all PRN members, regardless of their level of experience. Members can share practices and experiences at their respective institutions. Students, trainees, and new practitioners can meet practitioners with more experience. Practitioners and researchers can share research ideas with each other.

These meetings are particularly important for students, trainees, and new practitioners because they provide opportunities to interact and learn from opinion leaders in the field. Some of my most memorable learning has occurred when I listened to a person speak or observed how a person behaved in a certain situation. These "teachable moments" are often unexpected and occur only when you take advantage of networking opportunities. Over time, you gradually become an opinion leader and have the opportunity to help and mentor others.

Another benefit of PRNs is that members can work together on projects of mutual interest. For example,

discussions within PRNs can promote and eventually lead to the development of a new specialty. Many of the PRNs are associated with a specialty recognized by the Board of Pharmacy Specialties. The first specialty examinations for two new specialties – critical care and pediatrics – are being prepared, and work on several new specialties is ongoing. PRNs can also work together on scholarly projects, such as PRN opinion papers.

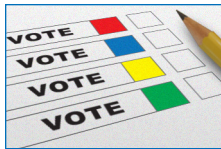
Moreover, PRNs provide opportunities for leadership. Many PRN officers are later elected as ACCP board members or provide service as committee chairs. Serving as a PRN officer can provide a new practitioner visibility within ACCP and the profession.

Of course, PRNs are very important to ACCP. Research by Gallup shows that engaged employees are more productive. ACCP is fortunate to have engaged, passionate members. Every year, hundreds of ACCP members take the time to describe why they are interested and qualified to serve on a particular committee. The incoming president then has the difficult task of selecting members for each committee according to these submitted statements. PRNs play a major role in helping members stay connected and engaged with ACCP.

PRNs also provide important input to ACCP. The success of ACCP, which has always been member-driven, is related to its ability to meet member needs. ACCP often solicits feedback through its PRNs. The collective voice of a PRN can be more powerful than that of an individual member.

How are you doing in the area of networking? Tom Boyle of British Telecom coined the term networking quotient (or NQ) to describe a person's capacity to form connections with others, arguing that one's NQ is more important than one's IQ. A free online quiz has been developed to assess your NQ (www.networkingquotient.com).

Networking takes time, but it is time well spent. I call on my network of professional colleagues frequently, and many of these professional colleagues have become good friends.



PRNS PREPARE FOR ELECTIONS

The PRN election cycle is upon us. It is time for the PRNs to begin

the process of determining who will serve as officers in the coming year. If you are interested in being a PRN officer or in nominating someone, please contact your PRN's chair.

Election Process

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

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

Voting

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

Election Timetable

PRN call for nominations	March 2014
Submission of slates and candidate biographies to ACCP	June 13, 2014
Electronic balloting opens	July 11, 2014
Electronic balloting closes	August 18, 2014 (6–8 weeks before the Annual Meeting)
Committee contact notified of results	August 25, 2014

Nominations Committee notifies all candidates of election results	August 27, 2014 (within 10 days of the election)
ACCP staff notifies new officers of meeting date and time at the Annual Meeting	September 2014

NETWORKING MORNINGS RETURN TO UPDATES IN THERAPEUTICS®

Join ACCP and your fellow meeting attendees in Chicago, Illinois for clinical pharmacists with common interests and needs in practice, research, and education.

Join ACCP and your fellow meeting attendees for complimentary coffee and pastries each day, Saturday through Monday, 7:00–8:30 a.m. (CDT), in the Rosemont Ballroom Foyer of the Chicago Hyatt Regency O'Hare hotel. Each group will have a designated table where attendees can meet PRN and RI representatives and learn how to become involved. A listing of the groups hosting tables during each session follows.

Saturday, April 12

- Ambulatory Care PRN
- Drug Information PRN
- Education and Training PRN
- Geriatrics PRN
- GI/Liver/Nutrition PRN
- Pediatrics PRN
- Women's Health PRN
- ACCP Research Institute

Sunday, April 13

- Cardiology PRN
- Drug Information PRN
- Education and Training PRN
- Endocrine and Metabolism PRN
- GI/Liver/Nutrition PRN
- Infectious Diseases PRN
- Pain and Palliative Care PRN
- ACCP Research Institute

Monday, April 14

- Adult Medicine PRN
- Emergency Medicine PRN
- GI/Liver/Nutrition PRN
- ACCP Research Institute



SAVE THE DATE FOR THE 2014 ACCP VIRTUAL POSTER SYMPOSIUM

Mark your calendar for the third annual ACCP Virtual Poster Symposium to be held May 20 and May 21, 2014. Posters will be on display May 20–21 for asynchronous viewing and comment. In addition, two interactive sessions will be scheduled during the May 20–21 display, when authors will be available for real-time online Q&A sessions alongside their virtual posters.

Registration for this symposium is free to all ACCP members and will be available in April 2014 at www.accp.com/myaccount. Registration will provide each attendee with access to the virtual posters, the opportunity to leave comments for the author, and the ability to contact the poster presenter during the interactive sessions. To contact poster presenters during the interactive sessions, the attendee must be logged on to a Skype account. To create a free Skype account, go to www.skype.com/intl/en-us/get-skype/. Registration opens April 2014.

PRN NEWS BRIEFS

Adult Medicine PRN



Introduction:

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

Looking toward the ACCP Annual Meeting this fall, 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 developing revised online content and ensuring that the content and format are best suited for our members. Our Training and Travel Awards Committee continues to award students and new practitioners with travel awards for the 2014 ACCP Annual Meeting. The Nominations Committee has also reviewed applications and presented two awards to exceptional members this year. These recipients were recognized at the PRN's business meeting last fall. Details can be found below.

Promotions:

- Diane Rhee, Pharm.D.: Received a promotion to associate professor of pharmacy practice.
- Elizabeth Sebranek Evans, Pharm.D., BCPS, CGP: Received a promotion to associate professor of pharmacy practice.

Awards:

- Donald F. Brophy, Pharm.D., M.Sc., FCCP, FASN, BCPS: Received the Adult Medicine PRN Distinguished Investigator Award, October 2013.
- Rachel Flurie, Pharm.D.: Received the Adult Medicine PRN Resident Travel Award.
- David Lourwood, Pharm.D.: Received the Adult Medicine PRN Practitioner Registration Award.
- Joel C. Marrs, Pharm.D., BCPS (AQ Cardiology), CLS: Received the Adult Medicine PRN Award for Clinical Practice, October 2013.
- Alexandra C. Vance, Pharm.D., BCPS: Received the Navy Civilian Pharmacist of the Year Award, November 2013.
- Rebecca Wolfe, Pharm.D. Candidate: Received the Adult Medicine PRN Student Travel Award.

Grants:

Melissa Butler, Pharm.D., BCPS, MPH:

- Atlanta Clinical and Translational Science Institute – Pilot Grants: Using a Holistic Approach to Understand Medication Adherence in Hypertension.

Iain O. Buxton, Pharm.D., FAHA:

- Awarded grants as PI/coinvestigator: Post-translational S-Nitrosation of Therapeutic Targets in Pregnancy and Labor. CTR NIH 1U54GM104944-01. Integrin Regulation of Stretch-Activated Myometrial Signaling During Pregnancy and Labor. NIH HD067342. Genetic Basis for a New Spontaneous Preterm Labor Treatment. UNR Foundation.
- Awarded grants as mentor: Cell Biology of Signaling Across Membranes. NIH 8P20GM103554-02 (Von Bartheld PI/Buxton Mentor, Project 3; Dagda).
- Pending grants: The Role of TREK-1 in Uterine Quiescence Signaling. NIH K99/Roo. PI Chad L. Cowles, Mentor Buxton. Post-translational S-nitrosation of Therapeutic Targets in Human Pregnancy, Labor and Preterm Labor. NIH R01.

Publications:

- Alotaibi GS, **Almodaimegh H**, McMurtry MS, Wu C. Do women bleed more than men when prescribed novel oral anticoagulants for venous thromboembolism? A sex-based meta-analysis. *Thromb Res* 2013.
- Alsaleh K, Alotaibi GS, **Almodaimegh HS**, Aleem AA, Kouroukis CT. The use of preoperative erythropoiesis-stimulating agents (ESAs) in patients who underwent knee or hip arthroplasty: a meta-analysis of randomized clinical trials. *J Arthroplasty* 2013 Mar 23.
- **Anderson SL**, Borgelt LM. Case report: a perforated levonorgestrel-releasing intrauterine device (LNG IUD) requiring laparoscopic removal. *Am Fam Physician* 2013;88:364-5.
- **Anderson SL**, Marrs JC. Probable interaction between warfarin and divalproex sodium. *J Pharm Technol* 2014;30:8-12.
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- Barnett SD, Ulrich C, Baker J, **Buxton ILO**. The role of S-nitrosylated profiling-1 and myosin regulatory light chain 9 in human myometrial contractile dynamics. *FASEB J* 2013;27:879.1.
- Burkin H, Rice M, Sarathy A, Thompson S, Singer CA, **Buxton ILO**. Integrin upregulation and localization to focal adhesion sites in pregnant human myometrium. *Reprod Sci* 2013;20:804-12.
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- Danforth KN, Patnodet CD, Kapka TJ, **Butler MG**, Collins B, Compton-Phillips A, Baxter RJ, Weissberg J, McGlynn EA, Whitlock EP. Comparative effectiveness topics from a large, integrated delivery system. *Perm J* 2013;17:4-13.
- Elperin DT, Pelter MA, **Deamer RL**, Burchette RJ. A large cohort study evaluating risk factors associated with uncontrolled hypertension. *J Clin Hypertens* 2014;16:149-54.
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- **Olin JL**, Williams SW, Dirks-Naylor AJ. Omacetaxine mepesuccinate: a novel mRNA translation inhibitor for drug-resistant chronic myelogenous leukemia. *J Hematol Oncol Pharm* 2013;3:112-20.
- **Rackham DM**, Herink MC, Stevens IG, Cardoza NM, Singh H. Evidence behind FDA alerts for drugs with adverse cardiovascular effects: implications for clinical practice. *Pharmacotherapy*. Published online ahead of print, December 2013.
- Raebel MA, Goodrich GK, Xu S, Schroeder EB, Schmittiel JA, Segal JB, **Butler MG**, Steiner JF. Initial antihyperglycemic drug therapy among 241,327 adults with newly identified diabetes from 2005 through 2010: a SURveillance, PREvention, and ManagEment of Diabetes Mellitus (SUPREME-DM) study. *Ann Pharmacother* 2013;47:1280-91.
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- **Woytowish MR**, Maynor LM. Clinical relevance of linezolid-associated serotonin toxicity. *Ann Pharmacother* 2013;47:388-97.

New ACCP Fellows:

- Michele Y. Splinter, Pharm.D., BCPS: University of Oklahoma HSC.
- Zachary A. Stacy, Pharm.D., BCPS: St. Louis College of Pharmacy.
- Jeffrey S. Stroup, Pharm.D., BCPS: Oklahoma State University.
- Toby C. Trujillo, Pharm.D., BCPS: University of Colorado.
- Nancy S. Yunker, Pharm.D., BCPS: Virginia Commonwealth University.

Other Notable Achievements:

- Hind Almodaimegh, Pharm.D., FCCP, FISMP, BCPS: Received appreciation certificate from Saudi Ministry of Health for participation in Saudi National Atrial Fibrillation Management Guidelines.
- Sarah L. Anderson, Pharm.D., BCPS: Recipient of one of six ASHP 2013 Best Practices Awards for “Implementation of a Clinical Pharmacy Specialist–Managed Telephonic Hospital Discharge Follow-up Program in a Patient-Centered Medical Home.”
- Lindsay M. Arnold, Pharm.D., BCPS: Received faculty appointment to clinical assistant professor of medicine at Boston University School of Medicine.
- Iain O. Buxton, Pharm.D., FAHA: Became Foundation Professor, University of Nevada School of Medicine.
- Eric Kowalek, Pharm.D., BCPS: Attained certification as a BCPS.
- Christie Nelson, Pharm.D.: Promoted to pharmacy clinical coordinator.
- Daniel M. Rackham, Pharm.D., BCPS: Appointed to IRB chair position, Samaritan Health Services IRB, Corvallis, South Carolina.
- Leslie Richard, Pharm.D.: Attained certification as a BCPS and a CGP.
- Mickala M. Thompson, Pharm.D., BCPS, BCNSP: Attained BCNSP certification.

Ambulatory Care PRN

Introduction:

The Ambulatory Care PRN motto for this year is “Building Better.” Membership in the Ambulatory Care PRN has now reached 1800 members! Our committee chairs and members have been challenged with exploring new and innovative ways to serve the Ambulatory Care PRN members. The committees were slightly restructured this year, with the Student/Resident Committee being divided into an individual Student Committee and an individual

Resident Committee, with the hope of increasing and improving student and resident involvement in the PRN. The Education Committee developed a webinar for students and residents to help them understand and improve their interviewing skills for their first residency or professional position. In addition, the Ambulatory Care PRN is offering 10 ACCP Academy registrations for its members. The PRN officers and committee chairs have been meeting periodically to provide updates to the PRN regarding committee activities; these business minutes can be located on the ACCP Ambulatory Care PRN Web page.

Promotions:

Douglas Anderson, Cedarville University: Granted tenure.

Justin Bouw: Promoted to residency program director for the California Northstate University/Sutter Health PGY1 Residency Program.

Brad Wright, Auburn University Harrison School of Pharmacy: Promoted to associate clinical professor.

Awards:

- Sarah Anderson: 2013 ASHP Best Practices Award.
- Andrew Bzowyckj: Received the 2013–2014 AACP New Investigator Award, \$9700.
- Dave Dixon: Received the Associate of the American College of Cardiology (AACC) designation from ACC; will be recognized at convocation at the 2014 ACC annual meeting.
- Tracy Fame: Received the 2013–2014 AACP New Investigator Award, \$10,000.
- Carlisha Gentles: Received the APhA Immunization Champion Award – Individual Practitioner Category.
- Elisa Greene: Received the Team Building Award: Finalist, Siloam Family Health Center Pharmacy Program Development. The Frist Foundation: Salute to Excellence, 2013.
- Eric Ip: Received the 2013 JMCP Award for Excellence, Honorable Mention, for the following: Yu J, Shah BM, Ip EJ, Chan J. A Markov model of the cost-effectiveness of pharmacist care for diabetes in prevention of cardiovascular diseases: evidence from Kaiser Permanente Northern California. *J Manag Care Pharm* 2013;19:102-14.
- Christina Madison: Received Honorable Mention: 2014 Pharmacy Today One to One Patient Counseling Recognition Program (sponsored by APhA) (one of only 20 pharmacists to receive this award in the country). Southern Nevada Immunization & Health Coalition (SNIHC) Silver Syringe Award: Recipient – 2013 Immunization Education Champion of the Year.
- Whitney Maxwell: Received the South Carolina College of Pharmacy Faculty Extra Mile Award.

- Mary Beth O'Connell: Received the Building Michigan's Health Care Workforce Award for Interprofessional Teamwork Initiative; Michigan Health Council.
- Robert Talbert: Received the Robert K. Chalmers Distinguished Teachers Award.
- Alexandra Vance: Received the Navy Civilian Pharmacist of the Year Award, November 2013.

Grant:

Melissa Butler, Pharm.D., BCPS, MPH: Atlanta Clinical and Translational Science Institute – Pilot Grants: Using a Holistic Approach to Understand Medication Adherence in Hypertension.

Publications:

- Afonso N, Mendez J, **O'Connell MB**, Bugdalski-Stutrud CA, Smith GB, Waites C, Bowers C, Bruer S. Experiential interprofessional education using an older adult home visit. *Med Sci Educ* 2013;23:583-6.
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- Sparkes S, Lyden-Fortier S, **Goldman-Levine JD**. When diet and exercise are just not enough: new medications for weight loss. *AADE in Practice* 2013;42-5.
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- **Venteicher M**, Atherton A, Otto P, Stock C. Correlation and economic analysis assessing point-of-care anticoagulation management vs current outside laboratory agreements. *Fed Pract* 2014;31:23-31.

- **Volger EJ**, McLendon AN, Fuller SH, Herring CT. Prevalence of self-reported nonmedical use of prescription stimulants in North Carolina doctor of pharmacy students. *J Pharm Pract* 2013 Dec 5. [Epub ahead of print]
- Wallace JP, Wallace JL, **McFarland MS**. Comparing dosing of basal insulin analogues detemir and glargine: is it really unit-per-unit and dose-per-dose? *Ann Pharmacother* 2014 Jan 6. [Epub ahead of print]

New ACCP Fellows:

Samuel G. Johnson, Pharm.D., FCCP, BCPS (AQ Cardiology): Clinical pharmacy specialist, applied pharmacogenomics, Kaiser Permanente; clinical assistant professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences.

Sarah Westberg, Pharm.D., FCCP, BCPS: Associate professor, University of Minnesota College of Pharmacy.

Alan Zillich, Pharm.D., FCCP: Research scientist, Roudebush VA Medical Center, Center of HealthCare Information and Communication; associate professor, Purdue University College of Pharmacy.

Other Notable Achievements:

Certifications:

- Andrew Bzowyckj: Certified Diabetes Educator.
- Gabriella Douglass: American Academy of HIV Medicine (AAHIVM); AAHIVM HIV Pharmacist (AAHIVP).
- Tracy Frame: Board Certified Ambulatory Care Pharmacist.
- Melody Hartzler: Board Certified Ambulatory Care Pharmacist.
- Christina Madison: American Academy of HIV Medicine (AAHIVM); AAHIVM HIV Pharmacist (AAHIVP).
- Leslie Richard: Board Certified Pharmacotherapy Specialist.
- Marissa Salvo: Board Certified Ambulatory Care Pharmacist.
- Robyn Teply: Board Certified Ambulatory Care Pharmacist.
- Emily Volger: Board Certified Ambulatory Care Pharmacist.
- Kelly Wright: Board Certified Ambulatory Care Pharmacist and Certified Tobacco Treatment Specialist.

Innovations in Practice:

Bussey H, Nutescu E. ClotFree – INR self testing with online remote monitoring and management (STORM2).

Presented at: Innovators Challenge at the 10th Annual Partners HealthCare's Connected Health Symposium; October 25, 2013; Boston, MA.

Media Appearances:

Dixon D: MedPage Today. LDL no longer target of kidney disease lipid management. T. Neale. December 9, 2013.

Dixon D: Bloomberg News. Annual doctor visits will increase cholesterol drug use. M. Cortez. November 14, 2013.

Salvo M: Highlighted in the "A Minute With" section in the January issue of APhA's Pharmacy Today.

Other:

Bourg C. Workshop: evaluating your interviewing skills. Presented at: ASHP Student Programming, Midyear Clinical Meeting; December 1, 2013; Orlando, FL.

Howard-Thompson A: Graduated from the ACCP Teaching and Learning Certificate Program.

Cardiology PRN

Introduction:

The ACCP Cardiology PRN established a formalized internal committee structure immediately after the 2013 ACCP Annual Meeting in October. Named committees, chairs, charges, and policies were established and disseminated by November 30, 2013. In addition, the PRN leadership has been discussing its role in, and opportunities for, improving Cardiology PRN-initiated scholarship, which includes establishing a task force to assess how to foster additional PRN collaboration.

Promotions:

Vicki Groo: Promoted to clinical associate professor in the College of Pharmacy, Department of Pharmacy Practice, and in the College of Medicine, Section of Cardiology.

Farzana Musawwir: Promoted to critical care clinical pharmacist at Baltimore Washington Medical Center (a newly created position).

Barbara Wiggins: Promoted to adjunct professor at South Carolina College of Pharmacy.

Awards:

- William Dager: Awarded the UCSF Apples for Preceptor Award; the UC Davis Medical Center Lifetime Achievement Award; and the Society of Critical Care Medicine Presidential Citation.
- Dave Dixon: Received the Associate of the American College of Cardiology (AACC) designation from ACC and will be recognized at convocation at the 2014 ACC annual meeting.

- Douglas Jennings: Received the Associate of the American College of Cardiology (AACC) designation from ACC and will be recognized at convocation at the 2014 ACC annual meeting.
- Farzana Musawwir: Attained certification as a Board Certified Pharmacotherapy Specialist.
- Tien Ng: Awarded Professor of the Year for the third consecutive year at the University of Southern California School of Pharmacy.
- Toni Ripley: Received the University of Oklahoma Health Sciences Center Regents' Award for Superior Teaching.
- Eman Younis: Received a letter of appreciation/commendation from the World Health Organization (WHO) for participating in a national campaign on hand hygiene in the WHO global annual campaign on hand hygiene (SAVE Lives: Clean Your Hands); received an appreciation certificate from the executive hospital director of PSCCH for participating as a speaker in the first and second Medication Safety Campaign; received an appreciation certificate from the directorate of health affairs Alhassa. This is the first certificate for efforts made in the training of pharmacy students and the second for participating in International Infection Control Week Celebration; and earned Added Qualifications in Cardiology and is the second person to receive this certification in Saudi Arabia.

Grants:

- James Coons: Principal investigator for Pharmacist-Delivered Pharmacogenomic Care. American Society of Health-System Pharmacists (ASHP) Research and Education Foundation Pharmacy Practice Model Initiative (PPMI) Demonstration Grant. April 2013. Grant total: \$24,961. **Coons JC**, Empey PE, Smith AJ, et al.
- Shannon Finks: Principal investigator for the Course Director's/Instructor's Interpretation of Item Analysis for Integrated Examinations and Subsequent Impact on Student Academic Performance UTCOP Scholarship of Teaching and Learning Seed Grant Program 2013. Accepted and fully funded for \$1600, August 12, 2013.
- Cynthia Jackevicius: Coinvestigator for the following grant: Canadian Institutes for Health Research, coinvestigator (2014–2016): Population-Based Evaluation of Ablation Therapies in Atrial Fibrillation, \$189,244.
- Tien Ng: Principal investigator for an investigator-initiated grant for about \$217,000 from Otsuka America Pharmaceuticals to conduct the prospective study titled the "Aquaresis Utility for Hyponatremic Acute Heart Failure (AQUA-AHF) Study."

Publications:

- **Albabbain MA**, Almasood A, Alshurafah H, Alamri H, Tamim H. Efficacy of ascorbic acid, N-acetylcysteine, or combination of both on top of saline hydration versus saline hydration alone on prevention of contrast-induced nephropathy: a prospective randomized study. *J Interv Cardiol* 2013;26:90-6.
- **Baker WL**, Chamberlin KW. New oral anticoagulants versus warfarin treatment – no need for pharmacogenomics? Point-Counterpoint. *Clin Pharmacol Ther*. In press.
- **Baker WL**, Smyth LR, Riche DM, Bourret EM, Chamberlin KW, White WB. Effects of sodium-glucose co-transporter 2 inhibitors on blood pressure: a systematic review and meta-analysis. *J Am Soc Hypertens*. In press.
- Barletta JF, El-Ibiary SY, **Davis LE**, Nguyen B, Raney CR. Proton pump inhibitors and the risk for hospital-acquired *Clostridium difficile* infection. *Mayo Clin Proc* 2013;88:1085-90.
- Cavallari LH, **DiDomenico RJ**. Ischemic heart disease In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, Malone PM, Kolesar JM, Rotschafer JC, DiPiro JT, eds. *Pharmacotherapy Principles & Practice*, 3rd ed. Chicago: McGraw-Hill, 2013:chap 7.
- **Cavallari LH, DiDomenico RJ**, Bress A. Ischemic heart disease. In: Katz M, Matthias K, Chisholm-Burns MA, eds. *Pharmacotherapy Principles & Practice Study Guide: A Case-Based Care Plan Approach*, 3rd ed. Chicago: McGraw-Hill, 2013:chap 5.
- **Cheng JW**. Updates in antiplatelet agents used in cardiovascular diseases. *J Cardiovasc Pharmacol* 2013;18:514-24.
- **Cheng JW**, Barillari G. Non-vitamin K antagonist oral anticoagulants in cardiovascular disease management: evidence and unanswered questions. *J Clin Pharm Ther* 2014. [Epub ahead of print]
- **Cheng JW**, Cooke-Ariel H. Pharmacists' role in the care of patients with heart failure: review and future evolution. *J Manag Care Pharm* 2014;20:1-8.
- **Cheng JWM**. Azilsartan/chlorthalidone combination therapy in blood pressure control. *Integrated Blood Pressure Control* 2013;6:39-48.
- Coakley C, **Hough A**, Dwyer D, Parra D. Clinical video telehealth in a cardiology pharmacotherapy clinic. *Am J Health Syst Pharm* 2013;70:1974-5.
- **Coons JC**, Clarke M, Wanek MR, et al. Safe and effective use of prostacyclins to treat pulmonary arterial hypertension. *Am J Health Syst Pharm* 2013;70:1716-23.
- **Coons JC**, Schwier N, Harris J, Seybert AL. Pharmacokinetic evaluation of prasugrel for the treatment of myocardial infarction. *Expert Opin Drug Metab Toxicol* 2014 [Early Online].
- Cornbower A, Dell'Orfano H, Matta L, **Cheng J**. Evaluation of potassium sparing diuretics on renal function in decompensated heart failure patients: an exploratory pilot study at a tertiary academic medical center. *J Pharm Clin Sci* 2013;7:1-8.
- **Davis LE**, Storjohann TD, Spiegel JJ, Beiber KM, Barletta JF. The effect of a high-fidelity simulation technique versus lecture to improve pharmacy students' knowledge and confidence of advanced cardiac life support training. *Am J Pharm Educ* 2013;77:59.
- DiDonato KL, Ruehter V, **Odum LE**, Brownfield A, Lindsey CC. Assessing student confidence and understanding with the immunization process through implementation of an immunization protocol at a school of pharmacy. *Curr Pharm Teach Learn* 2013;5:417-23.
- **Dixon DL**, Bolick JP, Godishala LM, Kris-Etherton PM, Nash DT, Neri L, Warren WS. Clinician's toolkit: a guide to medication and lifestyle adherence. *Lipid Spin* 2013;11(suppl 1):1-20.
- **Dixon DL**, Kim J. The current status of amiodarone adverse event monitoring. *Cardiology Today* 2013.
- **Dixon DL**, Sisson EM. Ten Things Every Clinician Should Know About the 2013 ACC/AHA Lipid Guidelines. *iForumRx.org* 2013. Available at www.iformrx.org/node/183.
- **Dixon DL**, Sisson EM, Butler M, Higbea A, Muoio B, Turner B. Lomitapide and mipomersen novel lipid-lowering agents for the management of familial hypercholesterolemia. *J Cardiovasc Nurs* 2013 (doi: 10.1097/JCN.000000000000104).
- **Dobesh P**, Trujillo T, **Finks SW**. The role of the pharmacist in achieving performance measures to improve the prevention and treatment of venous thromboembolism. *Pharmacotherapy* 2013;33:650-4.
- **Dorsch MP**, Lose J, **DiDomenico RJ**. The effect of cardiology pharmacy credentialing on process of care measures and outcomes in myocardial infarction and heart failure. *Pharmacotherapy* 2014. In press.
- Hagopian JC, Riney JN, **Hollands JM**, Deal EN. Assessment of bleeding events associated with short-duration therapeutic enoxaparin use in the morbidly obese. *Ann Pharmacother* 2013;47:1641-8.
- **Hough A**, Vartan CM, Groppi JA, Reyes S, Beckey NP. Evaluation of clinical pharmacy interventions in a Veteran's Affairs Medical Center primary care clinic. *Am J Health Syst Pharm* 2013;70:1168-72.

- **Jennings DL**, Chopra A, Chambers R, Morgan JA. Clinical outcomes associated with chronic antimicrobial suppression therapy in patients with continuous-flow left-ventricular assist devices. *Artif Organs* 2014 (doi: 10.1111/aor.12254).
- **Jennings DL**, Nemerovski CW, Kalus JK. Effective anticoagulation for a percutaneous ventricular assist device using a heparin-based purge solution. *Ann Pharmacother* 2013;47:1364-7.
- **Jennings DL**, Williams CT, Morgan JA. Pentoxifylline for the treatment of hemolytic anemia in a patient who developed recurrent gastrointestinal bleeding while on continuous-flow left-ventricular assist device support. *ASAIO J* 2013;59:526-7.
- **Jennings DL**, Makowski C, Chambers R, Lanfear DE. Dosing of vancomycin in patients with continuous-flow left ventricular assist devices: a clinical pharmacokinetic analysis. *Int J Artif Organs* 2014 (doi: 10.5301/ijao.5000285).
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- Makowski C, **Jennings DL**, **Nemerovski CW**, Kalus JS. The impact of a systematically deployed clinical pharmacy service on patient satisfaction. *Ann Pharmacother* 2013;47:805-10.
- Kanwar M, Agarwal R, Barnes M, **Coons J**, et al. Role of phosphodiesterase-5 inhibitors in heart failure: emerging data and concepts. *Curr Heart Fail Rep* 2013;10:26-35.
- Makkar KM, **Sanoski CA**, Goldberg LR, Spinler SA. An observational study of ezetimibe in cardiac transplant recipients receiving calcineurin inhibitors. *Ann Pharmacother* 2013;47:1457-62.
- McCarren M, Furmaga E, **Jackevicius CA**, et al. Improvement in guideline beta-blocker prescribing in heart failure: a cluster-randomized pragmatic trial of a pharmacy intervention. *J Card Fail* 2013;19:525-32.
- **Milfred-Laforest SK**, **Chow SL**, **DiDomenico RJ**, Dracup K, **Ensor C**, **Gattis-Stough W**, Heywood JT, Lindenfeld J, **Page RL II**, **Patterson JH**, Vardeny O, Massie BM. Clinical pharmacy services in heart failure: an opinion paper from the Heart Failure Society of America and American College of Clinical Pharmacy Cardiology Practice and Research Network. *J Card Fail* 2013;19:354-60.
- **Milfred-Laforest SK**, **Chow SL**, **DiDomenico RJ**, Dracup K, **Ensor C**, **Gattis-Stough W**, Heywood JT, Lindenfeld J, **Page RL II**, **Patterson JH**, **Vardeny O**, Massie BM. Clinical pharmacy services in heart failure: an opinion paper from the Heart Failure Society of America and American College of Clinical Pharmacy Cardiology Practice and Research Network. *Pharmacotherapy* 2013;33:529-48.
- Morneau KM, Reaves AB, Martin JB, **Oliphant CS**. Analysis of gastrointestinal prophylaxis in patients receiving dual antiplatelet therapy with aspirin and clopidogrel. *J Manag Care Pharm* 2014;20:187-93.
- Phelps SJ, McDonough SK, Parker RB, **Finks SW**. * Throwing a curveball: the impact of instructor decisions regarding poorly performing test questions. *Am J Pharm Educ* 2013;77:204.
*Corresponding author.
- Prieto-Centurion V, Markos MA, Ramey NI, Gussin H, Nyenhuis S, Joo MJ, Prasad B, Bracken N, **DiDomenico R**, Godwin PO, Jaffe HA, Kalhan R, Pickard AS, Pittendigh B, Schatz B, Sullivan JL, Thomashow BM, Williams MV, Krishnan JA. Interventions to reduce rehospitalizations following COPD exacerbations: a systematic review. *Ann Am Thorac Soc* 2014. In press.
- Raina A, **Coons JC**, Kanwar M, et al. Transitioning from parenteral treprostinil to inhaled treprostinil in patients with pulmonary arterial hypertension. *Pulm Circ* 2013;3:116-20.
- Riche DM, **Baker WL**, Koch CA. Association of testosterone therapy with mortality, myocardial infarction, and stroke in men with low testosterone levels [letter to the editor]. *JAMA*. In press.
- **Odum LE**, Aistrop D, Santee J, Cochran K, Bacon R. Impact of a debate on APPE students' recognition of critical thinking and professional skills. Presented at: American Association of Colleges of Pharmacy Annual Meeting; July 13–17, 2013; Chicago, IL. Abstract published: *Am J Pharm Educ* 2013;77:27.
- **Oliphant CS**, Jacobs A, Kabra R, Das P. Novel oral anticoagulants for the prevention and treatment of thromboembolism. *Future Cardiol* 2013;9:849-61.
- **Oliphant CS**, Twilla JD. Pharmacists: an important resource to improve core measure performance. *Hosp Top* 2013;91:65-8.
- **Phan YL**, Reffert J, Dinh B, Meyenburg L, Herring H. Residents' perspectives: weighing your options in pursuing a second-year postgraduate residency. *Am J Health Syst Pharm* 2013. In press.
- **Ripley TL**, Adamson PB, Hennebry TA, Van Tuyt JS, Harrison DL, Rathbun RC. Collaborative practice model between cardiologists and clinical pharmacists for management of patients with cardiovascular disease in an outpatient clinic. *Ann Pharmacother* 2014;48:412-9.

- **Ripley TL**, Saseen JJ. β -Blockers: a review of their pharmacologic and physiologic diversity. *Ann Pharmacother*. In press.
- St. Peter WL, **Odum LE**, Whaley-Connell A. To RAS or not to RAS? The evidence and caution with renin-angiotensin system inhibition in patients with diabetic kidney disease. *Pharmacotherapy* 2013;33:496-514.
- Shah M, Tsadok MA, **Jackevicius CA**, Essebag V, Eisenberg MJ, Rahme E, Humphries KH, Tu JV, Behloul H, Pilote L. Warfarin use and the risk of stroke and bleeding in patients with atrial fibrillation undergoing dialysis. *Circulation* 2014. Published online before print 2014 Jan 22 (doi: 10.1161/CIRCULATIONAHA.113.004777).
- Shah S, Coakley C, **Hough A**, **Parra D**. Plasma renin activity testing to guide triple antirenin system drug therapy in a patient with difficult-to-treat hypertension. *Ann Pharmacother* 2013;47:1562-8.
- Shah S, **Parra D**, Rosenstein RS. Acute myocardial infarction during regadenoson myocardial perfusion imaging. *Pharmacotherapy* 2013;33:e90-5.
- **Tisdale JE**, Jaynes HA, Kingery JR, Mourad NA, Trujillo TN, Overholser BR, Kovacs RJ. Development and validation of a risk score to predict QT-interval prolongation in hospitalized patients. *Circ Cardiovasc Qual Outcomes* 2013;6:479-87.
- **Tourkmani AM**, Al Khashan HI, **Albaptain MA**, Al Harbi TJ, Al Qahatani HB, Bakhiet AH. Medication adherence among patients in a chronic disease clinic. *Saudi Med J* 2012;33:1278-84.
- Trinkley KE, **Page RL II**, Lien H, Yamanouye K, **Tisdale JE**. QT-interval prolongation and the risk of torsades de pointes: essentials for clinicians. *Curr Med Res Opin* 2013;29:1729-36.
- **Wiggins BS**, Rodgers JE, **DiDomenico RJ**, Miller AE, **Page RL**. Discharge counseling in heart failure and myocardial infarction – a best practices model developed by the members of the American College of Clinical Pharmacy’s Cardiology PRN based on the Hospital to Home (H2H) Initiative. *Pharmacotherapy* 2013;33:558-80.

Posters/Abstracts:

- **Jennings DL**, Gellatly RM, Szandzik E, Leet A, Lanfear DE. Anticoagulation for the HeartWare HVAD: an international comparison of strategies and outcomes. Poster presented at: International Society of Heart and Lung Transplantation, 34th Annual Meeting and Scientific Sessions; April 2014; San Diego, CA. Abstract published: *J Heart Lung Transplant* 2014.
- **Jennings DL**, Jacob M, Chopra A, **Nemerovski CW**, Morgan JA, Lanfear DE. Safety of anticoagulation

reversal in patients supported with continuous-flow left-ventricular assist devices. Poster presented at: International Society of Heart and Lung Transplantation, 34th Annual Meeting and Scientific Sessions; April 2014; San Diego, CA. Abstract published: *J Heart Lung Transplant* 2014.

- **Jennings DL**, Wagner JL, **Nemerovski CW**, Kalus JS, Morgan JA, Lanfear DE. Epidemiology and outcomes associated with anemia during long-term continuous-flow left ventricular assist device support. Poster presented at: International Society of Heart and Lung Transplantation, 34th Annual Meeting and Scientific Sessions; April 2014; San Diego, CA. Abstract published: *J Heart Lung Transplant* 2014.
- **Kelly M**, **Dixon D**. Interim results from a cardiologist-pharmacist collaboration to improve blood pressure in an ambulatory cardiology clinic. *Pharmacotherapy* 2013;33:e271. Abstract 296.
- **Scott A**, **Sisson E**, **Pakyz A**, **Dixon D**. Evaluation of cardiometabolic risk in an underserved population. American Society of Health-System Pharmacists Midyear Meeting; 2013; Orlando, FL.

New ACCP Fellows:

Karen McConnell: Elected as a Fellow of ACCP.

Kelly Rogers: Elected as a Fellow of ACCP.

Toby Trujillo: Elected as a Fellow of ACCP.

Other Notable Achievements:

- Douglas Anderson: Granted tenure at Cedarville University School of Pharmacy, Department of Pharmacy Practice.
- Dave Dixon: Interviewed by MedPage Today. LDL no longer target of kidney disease lipid management. T. Neale. December 9, 2013.
- Dave Dixon: Interviewed by Bloomberg News. Annual doctor visits will increase cholesterol drug use. M. Cortez. November 14, 2013.
- Cynthia Jackevicius: Elected as a fellow of the American Heart Association.
- Kathleen Makkar: Appointed to the American College of Cardiology: Surviving Myocardial Infarction Implementation Work Group.
- Toni Ripley: Elected as the cardiac care associate state liaison for the Oklahoma chapter of the American College of Cardiology (term 2014–2017).
- Robert Talbert: Appointed to the Therapeutic Information Formulary Support Expert Committee for USP, which is the group that produces the formulary model guidelines for CMS.

- Toby Trujillo: Elected as a fellow of the American Heart Association.
- Barbara Wiggins: Invited to be section editor for “Statin Drugs” in *Current Atherosclerotic Reports*.
- Barbara Wiggins: Appointed to the American College of Cardiology Foundation Task Force on Clinical Expert Consensus Documents.
- Barbara Wiggins and Joseph Saseen: Coedited the second edition of *Pharmacist’s Guide to Lipid Management*, to be released in spring 2014.

Presentations:

- Dixon D. Update on lipid management – where are we now? Presented at: Virginia Chapter of the American College of Cardiology, Annual Meeting; October 4, 2013; Richmond, VA.
- Dixon D. Management of hypertension across the lifespan. Sponsored by: Foundation for Health Improvement & Technology. Available at www.LecturePad.org. Continuing medical education (CME) certified by the American Academy of Family Physicians; 2013–2014.
- Finks S. Presented online for: ACCP’s Last Chance Pharmacotherapy Review Webinar; 2013 (aired September 4, 2013).
- Finks S. Updates to the updates: cardiology I. Presented to: Webinar attendees at this ACCP-sponsored program; February 26 and 27, 2014.
- Finks S. Heart failure drugs in pregnancy: what is safe? Presented at: Clinical Fundamentals III: The Pregnant Patient with Heart Failure at the 17th Annual Heart Failure Society of America (ACPE 0008-9999-13-068-L01-P, 1.5 contact hours); September 25, 2013; Orlando, FL.
- McConnell K. Evidence-based screening and prevention strategies: cardiovascular disease. Presented at: American College of Clinical Pharmacy Annual Meeting; October 12, 2013; Albuquerque, NM.
- McConnell K. Continuing professional development: sustainability of improvements to pharmacy practice and learning behaviors. Presented at: Accreditation Council of Pharmacy Education Bi-annual Meeting; Minneapolis, MN.

Central Nervous System PRN

Publications:

- Hester EK, McBane SE, Bottorf MB, Carnes TA, Dell K, Gonyeau MJ, Greco AJ, McConnell KJ, Skaar DJ, **Splinter MY**, Trujillo TC. ACCP position statement: Educational outcomes necessary to enter pharmacy residency training.

- **Jann MW, Kennedy WK**, Lopez G. Benzodiazepines: an overlooked class of prescription drugs in unintentional overdoses. *J Pharm Pract* 2014;27:5-16.
- **Kennedy WK, Jann MW**, Kutcher E. Clinically significant drug interactions with atypical antipsychotics. *CNS Drugs* 2013;27:1021-48.

New ACCP Fellow:

Michele Y. Splinter, Pharm.D., M.S., FCCP, BCPS; University of Oklahoma, Oklahoma City, OK.

Clinical Administration PRN

The Clinical Administration PRN, which continues to grow, is now at an all-time high of 430 members. Since the Annual Meeting, the PRN has been actively pursuing a list of endeavors for 2014. Members are actively engaged in committees, including the Nominations Committee, the Travel Awards Committee, and the Annual Meeting Focus Session Planning Committee.

What’s New?

This year, the Clinical Administration PRN will offer 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.

What’s All the Buzz About?

The Annual Meeting Focus Session Planning Committee has been developing a focus session that will meet the needs voiced by our members. At the Annual Meeting, the PRN will sponsor a focus session in which experts around the country will share how they have successfully used the services of pharmacy students in innovative ways to improve medication-related key performance indicators.

Challenge to Fellow PRNs

Clinical Administration PRN members have shown their support of the ACCP-PAC Committee by challenging each other to contribute to the ACCP-PAC. The goal is to have contributions from 50 members before the Annual Meeting. Contributions, even those as small as the cost of a cup of coffee per member, will help show that a high percentage of ACCP members are dedicated to the success of the Medicare Initiative. The Clinical Administration PRN would like to challenge other PRNs to do the same. The best show of support at this time from the ACCP membership is the percentage of members contributing to the PAC.

Notable Achievements

Charlene Hope, Pharm.D., BCPS, achieved double certification as a Certified Professional in Patient Safety and a Certified Professional in Healthcare Quality. Dr. Hope is currently pursuing her master's degree in healthcare quality and patient safety at Northwestern University.

Harminder Sikand, Pharm.D., FCSHP, FASHP, clinical direction and residency director at Scripps Mercy Hospital, was recently installed as the chapter president of the San Diego Society of Health-System Pharmacists.

Angela Smith, Pharm.D., BCPS, received a WakeMed Foundation Helton Scholarship for 2014 and was named a Helton Scholar. The Helton Scholarship Endowment Fund was established by a grant from the Helton Family Foundation in appreciation of the contributions of nurses and allied health professionals to the care and well-being of patients at WakeMed. Dr. Smith, clinical pharmacy manager at WakeMed Health & Hospitals in Cary, North Carolina, was the first pharmacist to ever receive this distinguished award. Dr. Smith was also accepted into the doctorate in health administration program at the Medical University of South Carolina. She will begin her studies in August after completing a master's degree in healthcare administration.

Critical Care PRN

Introduction:

The various Critical Care PRN committees include the following: Recognition; Program; Student, Resident, and Fellow; Awards; Research; and Communications. These committees are already achieving their respective charges. The Communications Committee has published a critical care newsletter informing our PRN membership of current activities and opportunities to become involved. The Student, Resident, and Fellow Committee has developed a "Welcome Packet" for new trainees, outlining their roles and responsibilities. In addition, many of our PRN members have received various awards, promotions, and other notable achievements.

Award:

Joseph Dasta, M.Sc., FCCP, FCCM: Received the Russell R. Miller Award at the ACCP Annual Meeting.

New ACCP Fellows:

Michael L. Bentley, Pharm.D., FCCP; Carilion Clinic.

Mariann D. Churchwell, Pharm.D., FCCP, BCPS; University of Toledo College of Pharmacy.

Eric W. Mueller, Pharm.D., FCCP, FCCM; University of Cincinnati Medical Center.

Toby C. Trujillo, Pharm.D., FCCP, BCPS; University of Colorado School of Pharmacy.

Other Notable Achievements:

The ACCP Critical Care PRN members who presented at the Society of Critical Care Medicine 43rd Critical Care Congress, January 9–13, 2014, in San Francisco, CA, are listed below.

- Jeffrey Barletta, Pharm.D., FCCM: Stop Stressing over Stress Ulcers.
- Cassie A. Barton, Pharm.D.: Pharmacology Year in Review: Toxicology.
- Gretchen M. Brophy, Pharm.D., FCCM, BCPS: Neuroscience Year in Review: A Year Review of Guidelines.
- Mitchell S. Buckley, Pharm.D., FCCM, BCPS: Stress Ulcer Prophylaxis: Not for Everyone; Consequences of Overuse. Emerging Treatment Strategies and Pharmacotherapies for Managing Hyponatremia.
- John W. Devlin, Pharm.D., FCCM, BCPS: Impact of Medication, Delirium and Mechanical Ventilation on Sleep in the ICU.
- Amy L. Dzierba, Pharm.D., FCCM, BCPS: Pulmonary Hypertension: Medications and Novel Therapies.
- Philip E. Empey, Pharm.D., Ph.D., BCPS: Pharmacogenomics of Critical Care.
- Elizabeth A. Farrington, Pharm.D., FCCM, BCPS: Update in the Management of Pediatric Acute Kidney Injury. Drug Dosing in Pediatric Acute Kidney Injury: Small Doses, Big Challenges.
- Douglas N. Fish, Pharm.D., FCCM, BCPS: Antimicrobial Stewardship: Does Controlling Antibiotics Improve Infection Control?
- Judith Jacobi, Pharm.D., FCCM, BCPS: Steroids in Sepsis.
- Sandra L. Kane-Gill, Pharm.D., M.S., FCCM: Don't Be Alarmed: Preventing the Distraction. Managing Alert Overload: Clinical Decision Support.
- Tyree H. Kiser, Pharm.D., FCCM, BCPS: Dialysis in the ICU: Dosing Failure: Dialysis and Supporting Medications.
- John J. Lewin III, Pharm.D., MBA, BCPS: Patient Outcomes from Drug Shortages.
- Stephanie Mallow Corbett, Pharm.D., FCCM: Strategies to Deal with Shortages at the Local Level.
- Wesley D. McMillian, Pharm.D., BCPS: Strategies for Implementation of Evidence-Based Protocols.

- Scott Micek, Pharm.D., BCPS: Therapeutic Drug Monitoring: A Modern Day Approach: Beta-Lactams: It's Not Just Minimum Inhibitory Concentration. Accountable Antibiotic Decision Making: Approaches to Current and Future Treatment Options. Obstructive Lung Disease in the ICU: Pharmacologic Management of Obstructive Lung Disease.
- James Mowry, Pharm.D., DABAT, FAACT: Extracorporeal Treatments in Poisoning Workgroup: The EX-TRIP Initiative: Rationale, Objectives and Methods.
- Keith M. Olsen, Pharm.D., FCCM Targeted Therapies for Invasive Fungal Infections: Are You Missing the Mark? Current Strategies for Prophylaxis, Empirical Treatment, Preemptive and Targeted Therapy: What Are the Available and Emerging Therapies?
- Lance J. Oyen, Pharm.D., FCCM, BCPS: Pharmacology Year in Review.
- Christopher Paciullo, Pharm.D., BCPS: Anticoagulant Considerations with VADs and ERADs.
- Heather A. Personett, Pharm.D., BCPS: Pharmacology Year in Review: Care of the Critically Ill Transplant Patient.
- Russel J. Roberts, Pharm.D.: Drug Shortages: Lessons Learned; Pharmacology Year in Review: Substance Withdrawal.

Drug Information PRN

Promotions:

Brown JN: Promoted to adjunct professor of pharmacy practice with Campbell University College of Pharmacy and Health Sciences.

Ficzere C: Promoted to associate professor and awarded tenure at Belmont University College of Pharmacy.

Lewis A: Lead pharmacist, Medication Use Advancement (DI, Medication Safety, and Policy/Compliance Group).

Awards:

Younis EE: Letter of appreciation/commendation from the World Health Organization (WHO) for participating in the WHO global annual campaign on hand hygiene.

Younis EE: Appreciation certificate from the Executive Hospital Director of PSCCH for participating as a speaker in the first and second Medication Safety Campaign.

Younis EE: Appreciation certificates from the director of health affairs for efforts made in the training of pharmacy students and for participating in the International Infection Control Week Celebration.

Grant:

Gabay M: \$99,270 grant from Takeda to fund a new PGY2 UIC/Takeda Drug Information Residency.

Publications:

- Beckett RD, Bickett S, **Cole SW**, Hutcherson T, McDaniel JA, Rogers HK, Seeger CM. AACP Core List of Journals for Libraries That Serve Schools and Colleges of Pharmacy [Internet], 5th ed. Alexandria, VA: Library and Information Science Section of the American Association of Colleges of Pharmacy, 2013 [cited 2013 Dec 4]. Available at www.aacp.org/governance/SECTIONS/libraryinformationscience/Documents/AACPCoreJournalsList2013.pdf.
- **Brown JN**, Kemp DW, Parker MH, Wilkinson S. Methods to promote preceptor scholarship through resident collaboration. *Hosp Pharm* 2013;48:646-9.
- **Brown JN**, Tiemann KA, Ostroff JL. Description of a medical writing rotation for a postgraduate pharmacy residency rotation. *J Pharm Pract* 2014. [Epub ahead of print]
- **Conrad JL**. mHealth: helping doctors treat the uninsured: a case study. In: Krohn R, Metcalf D, eds. *mHealth Innovation: Best Practices from the Mobile Frontier*. Chicago: Healthcare Information and Management Systems Society (HIMSS), 2014.
- Corbo JM, **Brown JN**, Bryan WE, Townsend ML. Impact of phosphodiesterase-5 inhibitor treatment on the rates of sexually transmitted diseases in a Veterans Affairs Medical Center patient population. *J Pharm Pract* 2014;27:40-5.
- Edwards KL, Salvo MC, **Ward KE**, et al. Assessment and revision of clinical pharmacy practice Internet websites. *Ann Pharmacother* 2014;48:258-67.
- **Fox ER**, Sweet BV, Jensen V. Drug shortages: a complex health care crisis. *Mayo Clin Proc* 2014;89:361-73.
- **Gabay M**. Federal controlled substances act: ordering and recordkeeping. *Hosp Pharm* 2013;48:919-21.
- **Gabay M**. Federal controlled substances act: controlled substances prescriptions. *Hosp Pharm* 2013;48:644-5.
- **Gabay M**. The federal controlled substances act: schedules and pharmacy registration. *Hosp Pharm* 2013;48:473-4.
- **Gabay M**. Expanding the definition of nonprescription drugs: potential impact on pharmacists. *Hosp Pharm* 2013;48:198-9.
- **Gabay M**, Boucher B. An essential primer for understanding the role of topical hemostats, surgical sealants, and adhesives for maintaining hemostasis. *Pharmacotherapy* 2013;33:935-55.

- Marino AB, **Cole SW**. Alogliptin: safety, efficacy, and clinical implications. *J Pharm Pract* 2014 Feb 13. [Epub ahead of print]
 - Marino AB, **Cole SW**, Nuzum DS. Alternative dosing strategies for liraglutide in patients with type 2 diabetes mellitus. *Am J Health Syst Pharm* 2014;71:223-6.
 - **May JR**, Smith PH. Drug allergies and pseudoallergies. In: *Pharmacotherapy Principles and Practice*, 3rd ed. New York: McGraw-Hill, 2013:965-75.
 - Moss JM, Kemp DW, **Brown JN**. Combination inhaled corticosteroid and bronchodilator induced delirium in an elderly patient with lung disease. *J Pharm Pract* 2014;27:79-83.
 - Nestor J, Huggins T, Kummerfeldt C, **Wisniewski CS**, Davis J, Doelken P, Sahn S. Dasatinib-induced chylous pleural effusions. *Clin Pulm Med* 2014;21:42-5.
 - Olin JL, **Cole SW**, Dirks-Naylor AJ. Omacetaxine mepesuccinate: a novel mRNA translation inhibitor for drug-resistant chronic myelogenous leukemia. *J Hematol Oncol Pharm* 2013;3:112-20.
 - 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.
 - Perkins SL, **Cole SW**. Ziv-aflibercept (Zaltrap) for the treatment of metastatic colorectal cancer. *Ann Pharmacother* 2013 Oct 15. [Epub ahead of print]
 - Phillips H, Fuller PD, **May JR**, Johnson S. Conflict resolution strategies between preceptor and resident – a case-based scenario. *Am J Health Syst Pharm* 2014;71:184-6.
 - **Phillips J**, Bachenheimer B. An analysis of medication errors associated with technology. *KeePosted* 2013;39(10). This publication is only available electronically.
 - **UIC Drug Information Group**. Light-sensitive injectable prescription drugs. *Hosp Pharm* 2014;49:136-63.
 - **Ward KE**, O'Brien B. Pregnancy and lactation: therapeutic considerations. In: DiPiro JT, Talbert RL, Yee GC, et al., eds. *Pharmacotherapy: A Pathophysiologic Approach*, 9th ed. New York: McGraw-Hill, 2014.
 - **Wisniewski CS**, Robert S, Ball S. Collaboration between a drug information center and an academic detailing program. *Am J Health Syst Pharm* 2014;71:128-34.
- Other Notable Achievements:**
- **Gabay M**: Presented multiple lectures at: Meiji University in Tokyo, Japan, in January 2014, including presenting on "The Role of the Drug Information Pharmacist at an Academic Medical Center."
 - **Hurren J**, Palmer M, Elias A, Dehoorne-Smith M. Erythropoietin-stimulating agent use during transitions in care. American College of Clinical Pharmacy (ACCP) Annual Meeting; October 2013; Albuquerque, NM.
 - Hussein Y, Schlaan M, **May JR**, May DW. Drug information status in Egypt. Poster presented at: Dubai International Pharmaceuticals and Technologies Conference; March 2014; Dubai, United Arab Emirates.
 - **Lewis A**: Contributing author to Pharmacy Times Health-System edition and submitted six formulary drug reviews each year.
 - **May JR**: Reappointed, Educational Steering Committee; America Society of Health-System Pharmacists, Section of Clinical Specialists and Scientists, 2013–2014.
 - **May JR**: Member, Research and Education Committee, University Health System Consortium, 2013–2014.
 - **May JR**. New drug update 2013: a formulary review. Presented at: University of Georgia College of Pharmacy Mental Health Symposium; February 5, 2013.
 - **May JR**. New drug update 2013: a formulary approach. Presented at: Georgia Society of Health-System Pharmacists Fall Meeting; October 13, 2013; Young Harris, GA.
 - **May JR** (with DeRemer D, Phillips B, Phillips M). Have you published that paper yet? Successfully precepting student and resident research projects. Presented at: ASHP National Pharmacy Preceptors Conference; August 23, 2013; Washington, DC.
 - **May JR**, Smith KM, Phillips HJ, Fuller, PD, King M, Gross AK, Cavalieri CC, Kuhn SJ, Beardsley JR, Kumarachandran G. Teaching certificates offered by residency programs at academic medical centers. Presented at: American Association of Colleges of Pharmacy Meeting; July 15, 2013; Chicago, IL.
 - McGonigal K, Thames L, **Hurren J**. Admission medication reconciliation accuracy at an academic medical center. Poster presented at: ASHP Midyear Clinical Meeting; December 2013; Las Vegas, NV. Poster 8-045.
 - Patch M, **May JR**. Prolonged unneeded use of liposomal amphotericin B. Poster presented at: American Society of Health-System Pharmacists Midyear Clinical Meeting; December 9, 2013; Orlando, FL.
 - Pegram AH, **Cole SW**. Evaluation of a pharmacist's impact in a university-based wellness clinic: a pilot study. *Pharmacotherapy* 2013;33:e245. Abstract 209.

- Willis LM, Stiles C, Im L, **May JR**. Antibiotic overuse in the transition of care from inpatient to outpatient. Poster presented at: American Society of Health-System Pharmacists Midyear Clinical Meeting; December 9, 2013; Orlando, FL.
- **Younis EE**. Role of clinical pharmacist in improving pneumonia vaccination rate in cardiac patients. Poster presented at: Dubai International Pharmaceuticals & Technologies Conference & Exhibition.
- **Younis EE**: Earned Added Qualifications in Cardiology Pharmacotherapy (BCPS) from the Board of Pharmacy Specialties (BPS).
- Zechmeister C, **Hurren J**, McNorton K. Continuation of statin therapy and vasopressor use in septic shock patients. Presented at: Society of Critical Care Medicine (SCCM) 43rd Critical Care Congress; January 2014; San Francisco, CA. Abstract 2421.

Education and Training PRN

The Education and Training (EDTR) PRN has grown to more than 496 members. Its mission is to promote dialogue and interaction in order to develop programs that enhance the knowledge and skills needed to provide education and training within clinical pharmacy. The PRN is pleased to share the many accomplishments of its members as we look forward to another productive year.

The EDTR PRN was once again the host of mock interviews for students and residents attending the 2013 Annual Meeting in Albuquerque. Fifty-two 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 multiple interviewers. We look forward to offering this activity at the 2014 meeting and ask that you encourage students and residents attending the meeting to take advantage of this opportunity.

The PRN also held its first silent auction during its annual business meeting. More than \$600 was raised, which will be used to increase the EDTR PRN Student/Resident Travel Scholarships from two to three awards for the upcoming year. We hope to make this an annual event so that we can continue to increase our support of student and resident members. The PRN would like to thank the following members for their generous donations: P. Brandon Bookstaver, Sherry Brown, Sandra Caballero, Lauren Czosnowski, Gloria Meredith, Sarah Nisly, Beth H. Resman-Targoff, Jim Scott, Karen Shapiro, and Rebecca Sleeper.

The Student and Postgraduate Trainee Support Committee has worked with the PRN membership to increase the EDTR PRN travel awards to three (two students and one postgraduate trainee) for the 2014 Annual Meeting. Watch the EDTR PRN e-mail list, as well as the Student and Resident sections of ACCP's Web site, for additional information.

The Scholarly Activities Committee is pleased to be offering enduring programs on a YouTube channel created specifically for the EDTR PRN. The first program, "Primer on Psychometric Issues with Educational Testing" by Michael J. Peters, Pharm.D., MEd, BCPS, will be available for viewing at your convenience by a link available through the PRN homepage. Information regarding how to access the program will be circulated through the PRN's e-mail list, but you may also contact Tina Denetclaw (chair of the Scholarly Activities Committee), Danny Riche (vice chair of the Scholarly Activities Committee), or any of the PRN officers for additional information. Continue to watch the EDTR PRN e-mail list for information concerning additional programs to be offered in the future.

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

The EDTR is proud of its growing membership, and the PRN would like to continue expanding. We encourage ACCP members who are interested in promoting our mission to join the EDTR PRN and take an active role on a committee.

Promotions:

Douglas C. Anderson, Pharm.D., D.Ph.: Granted tenure with the Department of Pharmacy Practice at Cedarville University School of Pharmacy.

Diane Rhee, Pharm.D.: Promoted to associate professor of pharmacy practice at Roseman University of Health Sciences.

Publications:

P. Brandon Bookstaver, Pharm.D., BCPS (AQ-ID), AAHIVP

- **Bookstaver PB**, Bland CM, Qureshi ZP, Faulkner-Fennell CM, Sheldon MA, Caulder CR, Hartis C. Safety and effectiveness of daptomycin across a hospitalized obese population: results of a multicenter investigation in the southeastern United States. *Pharmacotherapy* 2013;33:1322-30.

- **Bookstaver PB**, Rokas KE, Norris LB, Edwards JM, Sherertz RJ. Stability and compatibility of antimicrobial lock solutions. *Am J Health Syst Pharm* 2013;70:2185-98.
- Edwards KL, Salvo MC, Ward KE, Attridge RT, Kiser K, Pinner NA, Gallegos PJ, Kesteloot LL, Hylton A, **Bookstaver PB**. Assessment and revision of clinical pharmacy practice Internet web sites. *Ann Pharmacother* 2013 Nov 12. [Epub ahead of print]

Tina Denetclaw, Pharm.D., BCPS

- **Denetclaw TH**, Cefalu P, Manila R, Panagotacos J. Needs analysis for educating community pharmacists to interface with prehospital stroke chain of survival. *J Stroke Cerebrovasc Dis* 2014;23:209-12.
- **Denetclaw TH**, Dowling TC, Steinke D. Performance of a divided-load intravenous vancomycin dosing strategy for critically ill patients. *Ann Pharmacother* 2013;47:1611-7.

Justine S. Gortney, Pharm.D., BCPS

- **Gortney JS**, Lundquist LL. Experience and evaluation of oral examinations in a therapeutics course for second year pharmacy students. *Curr Pharm Teach Learn* 2013;5:321-30.
- **Gortney JS**, Seed S, Borja-Hart N, Young V, Woodard LJ, Nobles-Knight D, Scott DM, Nash J. Assessing the prevalence and characteristics of dual Pharm.D./MPH programs offered at colleges/schools of pharmacy in the United States. *Am J Pharm Educ* 2013;77:Article 116.

Lamis R. Karaoui, Pharm.D., BCPS

- American College of Clinical Pharmacy; O'Connell MB, Jackson AN, **Karaoui LR**, Rodriguez de Bittner M, Chen AM, Echeverri M, et al. Cultural competency in health care and its implications for pharmacy. Part 3B: emphasis on pharmacy education policy, procedures, and climate. *Pharmacotherapy* 2013;33:e368-81.
- American College of Clinical Pharmacy; O'Connell MB, Jackson AN, **Karaoui LR**, Rodriguez de Bittner M, Chen AM, Echeverri M, et al. Cultural competency in health care and its implications for pharmacy. Part 3A: emphasis on pharmacy education, curriculums, and future directions. *Pharmacotherapy* 2013;33:347-67.
- Chahine EB, **Karaoui LR**, Mansour H. Bedaquiline: a novel diarylquinoline for multidrug-resistant tuberculosis. *Ann Pharmacother* 2014;48:107-15.

Samantha Karr, Pharm.D., BCPS

- **Karr S**, Buckley (Bohling) K, Gurney M. Journal club facilitation. In: Westberg, SM, ed. *ACCP Ambulatory*

Care New Practitioner Survival Guide/Resource Manual, 3rd ed. Lenexa, KS: American College of Clinical Pharmacy, 2013:331-7.

Sarah A. Nisly, Pharm.D., BCPS

- Harris S, **Nisly SA**, Aykroyd L, Carroll J, Ulmer B, Waddell M, et al. Use of a subcutaneous insulin computerized GlucoStabilizer™ program on glycemic control in the intensive care setting: a retrospective data analysis. *Adv Diabetes Metab* 2013;1:29-35.
- Isaacs A, Doolin M, Morse C, **Nisly SA**. Medication utilization evaluation of dabigatran and rivaroxaban within a large multicenter health system. *JHPR* 2013;2:1-7.
- **Nisly SA**, Shiltz ED, VanArsdale V, Laughlin J. Implementation of an order set to adhere to national patient safety goals for warfarin therapy. *Hosp Pharm* 2013;48:1-6.

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

- Hoover MJ, Jacobs DM, Jung R, **Peeters MJ**. Validity and reliability with educational testing in the pharmacy and medical literature. *Am J Pharm Educ* 2013;77:Article 213.
- **Peeters MJ**, Beltyukova SA, Martin BA. Improving rigor in scholarship of teaching & learning: a primer on educational testing and validity of conclusions. *Am J Pharm Educ* 2013;77:Article 186.
- **Peeters MJ**, Schmude KA, Steinmiller CL. Reliability consequences with PharmD admissions essays rubric developments. *Curr Pharm Teach Learn* 2014;6:(online).
- **Peeters MJ**, Serres ML, Gundrum TE. Improving reliability of a residency interview process. *Am J Pharm Educ* 2013;77:Article 168.

Beth H. Resman-Targoff, Pharm.D., FCCP

- **Resman-Targoff BH**. Systemic lupus erythematosus. In: DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM, eds. *Pharmacotherapy: A Pathophysiologic Approach*, 9th ed. New York: McGraw-Hill, 2014.

Other Notable Achievements:

- Bruce Edgren, Pharm.D.: Completed the Robert Wood Johnson Health Policy Fellowship in Washington, D.C.
- Samantha Karr, Pharm.D., BCPS: Through vote of the PRN, will serve as official past chair for the EDTR PRN. In addition, Dr. Karr was recently Board Certified in Advanced Diabetes Management (BC-ADM).
- Christina M. Madison, Pharm.D., BCACP, AAHIVP: Received credentialing from the American Academy

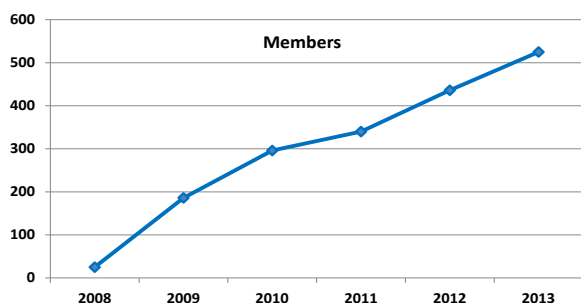
of HIV Medicine (AAHIVM) as an AAHIVM HIV Pharmacist (AAHIVP). She also received Honorable Mention: *Pharmacy Today* One to One Patient Counseling Recognition Program, sponsored by APhA. She was one of only 20 pharmacists to receive this award in the country. Dr. Madison also received a 2013 Immunization Education Champion of the Year Award from the Southern Nevada Immunization & Health Coalition (SNIHC) – Silver Syringe Award.

- Donald Miller, Pharm.D.: Appointed to the FDA Arthritis Advisory Committee for a term through September 2016.

Emergency Medicine PRN

The Emergency Medicine (EMED) PRN priorities parallel those of ACCP. Through the work of our committees, we develop, advance, and position clinical pharmacists to better serve their patients. As our PRN membership increases each year (see below), the number of committees continues to grow as well.

EMED PRN Growth



Our current committees, their respective chairs, and their updates are listed below. We extend a sincere “thank you” to all of our PRN leaders.

Committee	Chairperson
Awards and Recognition	Megan Musselman meganmusselman@gmail.com
CODE*	Samantha Bastow Samantha-bastow@smh.com
Media	Craig Cocchio craig.cocchio@pharmacy.rutgers.edu
Programming	Kyle Weant drdogg2003@yahoo.com
Travel Award	Nicole Acquisto Nicole_acquisto@urmc.rochester.edu

Task Force	Chairperson
Justification	Kyle Weant drdogg2003@yahoo.com
Student Involvement	Elaine Fosmire Elaine.fosmire@ucdenver.edu Lindsay Schaack lschaack@uga.edu

*Collaborative Organization for Development of Emergency Medicine Pharmacists.

Award/Recognition Committee

The Award/Recognition Committee supported nominations for the 2014 ACCP New Awards. The following individuals were nominated, and applications were put forth:

New Clinical Practitioner: Nicole Acquisto and Suprat Saely.

New Educator: Stephen Rolfe.

New Investigator: Darrel Hughes.

The EMED PRN would like to congratulate our nominees!

CODE Committee

The CODE Program encourages idea sharing and fosters professional growth by forming meaningful partnerships among emergency medicine pharmacists. The next matching process will occur in April 2014. The CODE Committee is developing a survey that will help identify aspects of the program that we can improve on, and we are excited about the positive feedback we have received so far.

Programming Committee

After the ACCP Annual Meeting last fall, the Programming Committee quickly began developing the focus session for our meeting next fall in Austin. Our plan is to focus on a comprehensive approach to the management of toxicologic emergencies as they pertain to wilderness medicine and illicit drug use, both in the prehospital field and in the emergency department.

Travel Award Committee

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. More information can be found at www.accp.com within the PRN documents of the EMED PRN section ([www.accp.com/docs/prns/emed/Travel_Award - EMED PRN.pdf](http://www.accp.com/docs/prns/emed/Travel_Award_-_EMED_PRN.pdf)). Recipients will present their research at the Emergency Medicine PRN Business Meeting and Networking Forum at the 2014 ACCP Annual Meeting in Austin, Texas.

Justification Task Force

The Justification Task Force continues its mission to provide a framework for the development of an optimal business and practice model for the emergency department. After developing an outline and structure for this framework in its inaugural year, task force members have been working diligently to elaborate on these building blocks this year. Using an extensive database of primary literature to support recommendations, task force members anticipate that an initial draft of this framework will be completed by the end of the year.

Student Task Force

The Student Task Force is finalizing a survey that will be sent to all student members of the ACCP EMED PRN to gauge student interest in a student committee. The task force is also creating a framework for an official PRN committee.

Endocrine and Metabolism PRN

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

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

Promotion:

Samantha Karr:

Promoted from assistant to associate professor, Midwestern University, College of Pharmacy, Glendale, AZ.

Grant:

Andrew Bzowyckyj: AACP New Investigator Award titled "NPH Insulin for Prednisone-Induced Hyperglycemia."

Publications:

Jennifer N. Clements

- Andres J, **Clements J**. A practical guide to concentrated insulin for pharmacists. *J Pharm Pract*. Published online, January 9, 2014.
- **Clements J**. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program*. Endocrinology and Rheumatology. Lenexa, KS: American College of Clinical Pharmacy, 2014:210-33.

Krystal Edwards and Lisa Chastain

- **Edwards KL, Chastain LM**. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program*. Endocrinology and Rheumatology. Lenexa, KS: American College of Clinical Pharmacy, 2014:3-25.

Katy Hurren

- **Hurren KM, Duhnam MW**. In: Dong BJ, Elliott DP, eds. *Ambulatory Care Self-Assessment Program*. Endocrinology and Rheumatology. Lenexa, KS: American College of Clinical Pharmacy, 2014:72-86.

June Felice Johnson

- Bhargava A, Gleason S, Vaughan AG, **Johnson JF**, Yarlagadda KV. The effect of pioglitazone and extended-release niacin on HDL-cholesterol in diabetes patients in a real-world setting. *Int J Clin Pract* November 2013;67:1151-8.

Samantha Karr

- **Karr S**, Buckley (Bohling) K, Gurney M. Journal club facilitation. In: Westburg SM, ed. *ACCP Ambulatory Care New Practitioner Survival Guide/Resource Manual*, 3rd ed. Lenexa, KS: American College of Clinical Pharmacy, 2013:331-7.
- Christie Schumacher
- **Schumacher C**, Glosner S. Assessment of the pain experience and impact of care among patients with painful diabetic peripheral neuropathy. *J Am Pharm Assoc* 2014;54:475-9.

Presentations:

Katy Hurren: Pharmacotherapy for obesity. Presented at: American Society of Health-System Pharmacists Midyear Clinical Meeting; December 2013; Orlando, FL.

Nicole R. Pinelli: Capturing collective implementation experiences of clinicians using the layered learning practice model. Presented at: American Society of Health-System Pharmacists Midyear Clinical Meeting; December 2013; Orlando, FL.

New ACCP Fellow:

Sarah M. Westberg, Pharm.D., FCCP, BCPS: University of Minnesota College of Pharmacy, Minneapolis, MN.

Other Notable Achievements:

- Andrew Bzowyckyj: Received CDE recognition.
- June Felice Johnson: Appointed board member of the American Diabetes Association-Central Iowa Chapter.
- Samantha Karr: Received BC-ADM recognition.

- Drew L. Klinkbiel: Received CDE recognition.
- Devada Singh-Franco: Received CDE recognition.

The Endocrine and Metabolism PRN would like to congratulate the following members who passed the ambulatory care pharmacy specialty certification offered by the Board of Pharmacy Specialties in October 2013:

- Amie Brooks
- Kenton Brown
- Jennifer Clements
- Andria Eker
- Christa George
- Craig Logemann
- Joel Marrs
- Melissa Murfin
- Sean Stewart
- Yuliana Toderika
- Jonathan White

The Endocrine and Metabolism PRN has more than 290 members and represents a diverse group of clinical pharmacists dedicated to advancing clinical practice, teaching, and research. The Endocrine and Metabolism PRN would like to welcome the newest members of the group:

- Ashley Butler
- Yuliya Byakina
- Lauren Chambers
- Elena Coppol
- Sharon Edmondson
- Alysha Fahmi
- Olubukola Fakunie-Adeyemi
- Christy Gaddy
- Anthony Hager
- Natalie Hanson
- I. Kuan Hsu
- Sanaullah Mehridel
- Joseph Merkel
- Justin Meyer
- Suzanne Molino
- Rachel Perry
- Rachel Roberts
- Jonathan Schultz
- Sean Stewart

- Elizabeth Stone
- Anne-Claire Thomas

Resident Travel Scholarship

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

Congratulations to Dr. Shubha Bhat, a PGY2 ambulatory care resident at the University of Illinois at Chicago, who will receive the ACCP Endocrine and Metabolism PRN Resident Scholarship. She will receive \$500 to attend the ACCP Updates in Therapeutics® meeting in Rosemont, Illinois.

Monthly Online Journal Club

The Communications 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 asked to contribute articles and comments to foster active discussion periodically. Active members from the Communications 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 (Communications 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.

Geriatrics PRN

Publications:

Ann Marie Nye

- **Nye A.** "Why I Am an AGS Member" for the American Geriatrics Society Newsletter 2013;44:6.
- **Nye A,** Hamrick I, Rauch A, Pound M, Shelton P. Calcium supplementation documentation in conjunction with oral bisphosphonate use. Consult Pharm 2013;28:31-8.

- Spivey J, **Nye AM**. Bullous pemphigoid: corticosteroid treatment and adverse effects in long-term care patients. *Consult Pharm* 2013;28:452-9.

Mary Beth O'Connell

Afonso N, Mendez J, **O'Connell MB**, Bugdalski-Stutrud CA, Smith GB, Waites C, Bowers C, Bruer S. Experiential interprofessional education using an older adult home visit. *Med Sci Educ* 2013;23:583-6.

Jeannie Lee

- Gilligan AM, Loui JA, Mezdo A, Patel N, **Lee JK**.* Geriatric quality-of-life: a comparison of active older individuals and pharmacy student perceptions. *Am J Pharm Educ* 2014;78:Article 10.
- **Lee JK**, D'Huyvetter K. Elder Care – A Resource for Interprofessional Providers: Sleep in Older Adults – Pharmacotherapy. POGOe – The Portal of Geriatrics Online Education, 2013. Available at www.pogoe.org/productid/21712.
- **Lee JK**, Tang DH, Mollon L, Armstrong EP. Cost-effectiveness of biological agents used in ulcerative colitis. *Best Pract Res Clin Gastroenterol* 2013;27:949-60.
- Chisholm-Burns MA, Spivey CA, Graff Zivin J, **Lee JK**, Sredzinski E, Tolley EA. Improving outcomes of renal transplant recipients with behavioral adherence contracts: a randomized controlled trial. *Am J Transplant* 2013;13:2364-73.
- **Lee JK**, Slack MK, Martin J, Ehrman C, Chisholm-Burns MA. Geriatric patient care by U.S. pharmacists in healthcare teams: systematic review and meta-analyses. *J Am Geriatr Soc* 2013;61:1119-27.
- Tang DH, Harrington AR, **Lee JK**, Lin M, Armstrong EP. Systematic review: economic studies on biological agents used to treat Crohn's disease. *Inflamm Bowel Dis* 2013;19:2673-94.
- Burgin LB, Gamboa AM, Tierney DM, **Lee JK**.* Interactive approach by pharmacy students to educate older adults on the safe use of over-the-counter medications. *Consult Pharm* 2013;28:168-75.
*Corresponding author.

Scott Vouri

- Cantrell MA, Baye Jordan, **Vouri SM**. Tadalafil: a phosphodiesterase-5 inhibitor for benign prostatic hyperplasia. *Pharmacotherapy* 2013;33:639-49.
- Cantrell MA, **Vouri SM**. Benign prostatic hyperplasia. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program*, 2013 Book 1. Special Populations. Lenexa, KS: American College of Clinical Pharmacy, 2013:21-34.

- Kebodeaux CD, Wilson AG, Smith D, **Vouri SM**. A review of cardiovascular and renal function monitoring: a consideration of older adults with HIV. *HIV AIDS (Auckl)* 2013;5:263-74.
- **Vouri SM**, Blaszczyk AT. Bisphosphonate use in patient undergoing hemodialysis. *Consult Pharm* 2013;28:738-41.
- **Vouri SM**, Grice GR, Roberts A, Berry T, Duncan W. Didactic and experiential interprofessional, inter-institutional courses at a private college of pharmacy. *Curr Pharm Teach Learn* 2013;5:626-31.
- **Vouri SM**, Marcum ZA. Use of a medication reconciliation tool in an outpatient geriatric clinic. *J Am Pharm Assoc* 2013;53:652-8.

New ACCP Fellow:

J. Mark Ruscin, Pharm.D., FCCP, BCPS: Professor and chair, Department of Pharmacy Practice, SIU Edwardsville School of Pharmacy.

Awards:

Jeannie Lee: Excellence in Geriatric Pharmacy Practice, Commission for Certification in Geriatric Pharmacy. Jeannie Lee also received the Clinical Sciences Educator of the Year Award, University of Arizona College of Pharmacy.

Mary Beth O'Connell: Building Michigan's Health Care Workforce Award for Interprofessional Teamwork Initiative; Michigan Health Council.

Grants:

Jeannie Lee:

- Title: Chronic Disease Health Beliefs, Medication Adherence, and Health Literacy
Source: NIH – NHLBI
Goal: To quantitatively assess medication adherence among patients with chronic disease, explore the impact of chronic disease health beliefs and health literacy on medication adherence, and develop recommendations for primary care providers to improve medication adherence
Role: Co-I (PI, Susan Shaw, Anthropology)
Amount: \$1,480,000
% Effort: 15%
- Title: Pima County AAPI Exchange Navigator Program
Source: Health and Human Services
Goal: To reduce the number of Asian American and Pacific Islanders (AAPIs) uninsured in Pima County by establishing the Exchange Navigator to educate and enroll AAPI individuals and families into Marketplace-qualified health plans
Role: Co-I (PI, Howard Eng, COPH)
Amount: \$190,268
% Effort: 5%

- Title: iForum Rx – An Online Journal Club for Ambulatory Care Practitioners
Source: American College of Clinical Pharmacy (ACCP)
Goal: To redesign iForumRx.org, an interactive Web-based community designed to inform ambulatory care pharmacy specialists, pharmacy residents, and student pharmacists about high-quality, practice-changing evidence, to empower practitioners to apply the best evidence to patient care in ambulatory care settings
Role: Co-I (PI, Stuart Haines, Pharm.D.)
Amount: \$2000
% Effort: 2%
- Title: Arizona Geriatric Education Center (UB4HP1904)
Source: Department of Health and Human Services, Health Resources and Services Administration
Goal: To train health professionals throughout the state in the care of older adults
Role: Co-I and member of interprofessional geriatric scholars; providing clinical pharmacy expertise and education related to pharmacology in aging, pharmacotherapy, and medication management and adherence (PI, Mindy Fain and Jane Mohlar, (ACOA)
Amount: \$2,100,000
% Effort: 9%
Date: July 2012 – Present

Other Notable Achievements:

Lisa C. Hutchison: Received a Josiah Macy Jr. Foundation Interprofessional Education Collaborative Development Award for an interprofessional simulation she wrote with colleagues from the University of Arkansas for Medical Sciences titled “Saving Red’s Toe: Fostering Interprofessional Collaboration in Assessment and Care Planning.” Lisa C. Hutchison was also named a member of the writing panel for the American Geriatrics Society (AGS) Geriatrics-for-Specialists Initiative Clinical Practice Guideline on Delirium. She is working with an interprofessional panel to develop guidelines for the prevention and treatment of postoperative delirium in older adults. The panel is supported by AGS and the John A. Hartford Foundation. Presentation of their work is anticipated at the October 2014 meeting of the American College of Surgeons.

Jeannie Lee: Became a fellow of the American Society of Health-System Pharmacists, 2013.

Leslie Richard: Received BCPS and CGP certification.

GI/Liver/Nutrition (GILN) PRN

Introduction:

The GILN PRN would like to ask all interested ACCP members to stop by our networking table at the spring ACCP meeting.

Awards:

Guy-Armel Bounda, Ph.D.(c), M.Sc., B.Sc.: Awarded the International Forum Student Scholarship for the 2014 International Forum on Quality and Safety in Healthcare, sponsored by The Institute of Healthcare Improvement Open School and the *British Medical Journal*.

Eric H. Frankel, Pharm.D., MSE, BCNSP, and the Metabolic Support Service at Truman Medical Center in Kansas City: Recently awarded the Clinical Nutrition Team of Distinction Award from A.S.P.E.N. This award recognizes excellence in interdisciplinary clinical nutrition practice. The award is designed to identify and elevate the stature of interdisciplinary nutrition care within institutions and agencies and within communities. Clinical nutrition teams, as defined for this award, consist of an identified interdisciplinary group of practitioners with a member from each of four disciplines: dietetics, medicine, nursing, and pharmacy.

Publications:

- **Bounda GA.** Integration of faith and pharmacy: a smile that strengthened faith of a heart surgery patient. *Christ Pharm* 2013;16:6-9.
- **Bounda GA,** Ngarambe C, Wei Hong G, Feng Y. Assessment and evaluation of efficacy of a clinical pharmacist-led inpatient warfarin knowledge education program and follow up at a Chinese tertiary referral teaching hospital. *Arch Pharm Pract* 2013;4:168-79.
- **Bounda GA,** Ngarambe C, Wei Hong G, Feng Y. Analysis and comparison of two low warfarin regimens in Chinese patients. *J Chin Pharm Sci* 2013;22:95-100.
- **Bounda GA,** Ngarambe C, Wei Hong G, Feng Y. Key components to consider when developing an anticoagulation clinic—a pharmacy teaching and training approach: literature review. *Pharm Educ* 2013;13:61-9.
- **Bounda GA,** Zhi Hui H, Wei Hong G, Feng Y. Assessment of enoxaparin anti-Xa activity and treatment efficacy’s evaluation. *Int J Pharm Teach Pract* 2013;4:511-5.
- **Bounda GA,** Zhi Hui H, Wei Hong G, Feng Y. Assessment of enoxaparin anti-Xa activity and treatment efficacy’s evaluation [abstract]. *Pharmacotherapy* 2013;33:e57.
- **Kale-Pradhan PB,** Zhao JJ, Palmer JR, Wilhelm SM. The role of antimicrobials in Crohn’s disease. *Expert Rev Gastroenterol Hepatol* 2013;7:281-8. Review.
- Lipari M, Benipal H, **Kale-Pradhan P.** Roflumilast in the management of chronic obstructive pulmonary disease. *Am J Health Syst Pharm* 2013;70:2087-95.
- McMahon MM, **Nystrom EM,** Braunschweig C, Miles JM, Compher C. A.S.P.E.N. clinical guidelines: nutrition support of adult patients with hyperglycemia. *J Parenter Enteral Nutr* 2013;37:23-36.

- **Seifert CF**, Wiltrout TR. Calcaneal bone mineral density in young adults prescribed selective serotonin reuptake inhibitors. *Clin Ther* 2013;35:1412-7.
- Vilella AL, **Seifert CF**. Timing and appropriateness of initial antibiotic therapy in newly presenting septic patients. *Am J Emerg Med* 2014;32:7-13.
- Wilhelm SM, Rjater RG, **Kale-Pradhan PB**. Perils and pitfalls of long-term effects of proton pump inhibitors. *Expert Rev Clin Pharmacol* 2013;6:443-51.

Other Notable Achievements:

Devada Singh-Franco, Pharm.D.: Became a Certified Diabetes Educator and was a contributor to the Medscape Ask-the-Expert article "GI Injury: Common with New Antiplatelets and Anticoagulants?" Medscape. December 26, 2013.

April Smith, Pharm.D., BCPS: An invited speaker at Obesity Week 2013 (national convention of the American Society for Metabolic & Bariatric Surgery and The Obesity Society); November 2013; Atlanta, GA. Presentation: "Pharmacology: Help or Hindrance?"

Hematology/Oncology PRN

Introduction:

The Hematology/Oncology PRN continues to provide a forum for hematology/oncology pharmacists to network and collaborate on scientific, educational, and political issues affecting clinical practice, teaching, and research. We have grown to 732 members, a significant portion of whom are trainees (218 students; 55 residents/fellows). Student interest has continued to grow steadily since the ACCP Annual Meeting in October. Several PRN committee efforts are well under way.

A topic for the 2014 Hematology/Oncology PRN focus session was selected, and the presentation will be on innovative practice models within hematology/oncology pharmacy practice, highlighting collaborative practice agreements, MTM (medication therapy management) programs, and ways to include students and residents in the practice environment. The Hematology/Oncology PRN Paper Committee has initiated work on a publication that supports the PRN focus session topic by evaluating the current types of clinical practices being used by hematology/oncology pharmacists in our PRN in an effort to contribute to the literature documenting pharmacist involvement in the care of patients with cancer. The PRN Student/Resident Award Committee is currently working to develop criteria for the Resident of the Year Award as well as travel awards for students and residents.

Promotion:

Pamala Jacobson, Pharm.D.: Promoted to professor at the University of Minnesota College of Pharmacy in the Department of Experimental and Clinical Pharmacology.

Awards:

Lisa Holle, Pharm.D., BCOP: Received the UCONN Health Touchstone Award for Scholarship.

Jane-hwa Huang, Pharm.D., BCPS: Received the Real Award for Health Care Provider.

Pamala Jacobson, Pharm.D.: Received the Graduate and Professional Student Award, Outstanding Advisor Award, University of Minnesota.

Publications:

Lisa Holle, Pharm.D., BCOP

- Bois E, **Holle LM**, Farooq U. Late onset imatinib-induced Stevens-Johnson syndrome. *J Oncol Pharm Pract* 2014 Jan 7. [Epub ahead of print]
- Cavanaugh T, **Holle LM**. Potential new gene therapy option with sitimagene ceradenovec for newly diagnosed patients with glioblastoma. *Cancer Biol Ther* 2014;15:1-3.
- Chen B, **Holle LM**. Oral cancer therapy. In: Pham T, Holle L, eds. *Cancer Therapy Prescribing and Administration Basics*. Burlington, MA: Jones & Bartlett Learning, 2015:139-70.
- **Holle LM**, Karpinski JB. Managing oncology drug shortages. *Pharm Purch Pract* 2014;Feb:S1-S3.
- **Holle LM**, Pruemmer J, Kim H. Overview of cancer therapy. In: Pham T, Holle L, eds. *Cancer Therapy Prescribing and Administration Basics*. Burlington, MA: Jones & Bartlett Learning, 2015:1-38.
- Michaud L, **Holle LM**, DeCloe L, Fausel C, Johnson PE, Koontz SE, Kwok KK, Rice MA, Yoder SA. Scope of Hematology/Oncology Pharmacy. Chicago: Hematology/Oncology Pharmacy Association, 2013. White paper. Available at www.hoparx.org/uploads/files/2013/HOPA13_ScopeofPracticeBk.pdf.
- Pham T, **Holle L**, eds. *Cancer Therapy Prescribing and Administration Basics*. Burlington, MA: Jones & Bartlett Learning, 2015.
- Tyler T, **Holle LM**. Inventory and reimbursement. In: Pham T, Holle L, eds. *Cancer Therapy Prescribing and Administration Basics*. Burlington, MA: Jones & Bartlett Learning, 2015:203-22.

Pamala Jacobson, Pharm.D.

- Thyagarajan B, Jackson S, Basu S, **Jacobson PA**, Gross M, Weisdorf D, Arora M. Association between genetic variants in adhesion molecules and outcomes after hematopoietic cell transplantation. *Int J Immunogenet* 2013;40:108-15.

- Blaes A, Defor T, Beckwith H, Potter D, Yee D, Sanghavi K, **Jacobson P**. Angiotensin-converting enzyme inhibitors (ACEIs) and doxorubicin (DOX) pharmacokinetics in women undergoing chemotherapy for breast cancer. Presented at: Breast Cancer Conference; 2013.
- Wiseman A, Sanghavi K, Brunstein C, Warlick E, Weisdorf D, Cao Q, Rogosheske J, **Jacobson P**. Phosphoramidate mustard as a biomarker of cyclophosphamide exposure in adults receiving allogeneic reduced intensity conditioning hematopoietic cell transplantation. *Blood* 2013;122:5461. Abstract 721.
- Sanghavi K, **Jacobson PA**, Brundage R, Kirstein M. Population pharmacokinetics of fludarabine in nonmyeloablative hematopoietic stem cell transplantation patients. Presented at: American Society of Clinical Pharmacology and Therapeutics; March 21, 2014; Atlanta, GA. 2014 Clinical Pharmacology and Therapeutics. Abstract 317.

Ninh (Irene) M. La-Beck, Pharm.D.

- Caron W, Lay JC, Fong A, **La-Beck NM**, Kumar P, Newman S, Zamboni BA, Crona D, Clarke-Pearson D, Brewster W, Van Le L, Bae-Jump V, Gehrig P, Zamboni WC. Translational studies of phenotypic probes for the mononuclear phagocyte system and liposomal pharmacology. *J Pharmacol Exp Ther* 2013;347:599-606. (Impact factor 6.846)
- Gibson JM, Alzghari S, Ahn C, Trantham H, **La-Beck NM**. * The role of pegylated liposomal doxorubicin in ovarian cancer: a meta-analysis of randomized clinical trials. *Oncologist* 2013;18:1022-31. (Impact factor 4.095.) Featured on F1000 Prime and MDLynx.

Jacky Olin, Pharm.D., M.S., BCPS

- **Olin JL**, Williams SW, Dirks-Naylor AJ. Omacetaxine mepesuccinate: a novel mRNA translation inhibitor for drug-resistant chronic myelogenous leukemia. *J Hematol Oncol Pharm* 2013;3:112-20.

Jai N. Patel, Pharm.D.

- 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.
- **Patel JN**. Application of genotype guided cancer therapy in solid tumors. *Pharmacogenomics* 2014;15:79-93.

Christine Walko, Pharm.D., BCOP

- Brewer NT, Defrank JT, Chiu WK, Ibrahim JG, **Walko CM**, Rubin P, Olajide OA, Moore SG, Raab RE, Carrizosa DR, Corso SW, Schwartz G, Peppercorn

JM, McLeod HL, Carey LA, Irvin WJ. Patients' understanding of how genotype variation affects benefits of tamoxifen therapy for breast cancer. *Public Health Genomics* 2014;17:43-7.

- Keating K, **Walko CM**, Stephenson B, O'Neil BH, Weiss J. Incidence of cetuximab-related infusion reactions in oncology patients treated at the University of North Carolina Cancer Hospital. *J Oncol Pharm Pract* 2013. [Epub ahead of print]
*Corresponding author.

New ACCP Fellow:

Pamala Jacobson, Pharm.D.

Other Notable Achievements:

- Clarissa Havel, Pharm.D., BCPS: Attended, and achieved a certificate of completion from, the Northwestern Memorial Healthcare 16th Annual Oncology Nursing Conference, "Keeping Up with Cancer," on November 22, 2013, at Northwestern Memorial Hospital in Chicago, Illinois. Throughout the year, she has participated successfully in the Northwestern CME lecture series on gastrointestinal tumors.
- Bonnie A. Labdi, Pharm.D.: Will serve as chairperson for the 2014–2015 HOPA Publications Committee.
- Jai N. Patel, Pharm.D.: Now the chief of pharmacology research, phase I trials, at the Levine Cancer Institute (Carolinas HealthCare System) in Charlotte, North Carolina.
- Scott Soefje, Pharm.D., MBA, BCOP: Chosen as president-elect of HOPA for 2014–2015.
- Christine Walko, Pharm.D., BCOP: Now the clinical pharmacogenomics scientist in the new Personalized Medicine Institute at Moffitt Cancer Center, where she also serves as the cochair of the Clinical Genomics Action Committee. She is a member of the Task Force on Oral Cytotoxic Chemotherapy Dosing in the Elderly for the International Society of Geriatric Oncology (SIOG).

Immunology/Transplantation PRN

Introduction:

The Immunology/Transplantation PRN has grown to more than 425 members! We encourage all members to get involved and to be sure to provide us with suggestions and comments to make our PRN even better.

Publications:

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

- Alkhatib AA, **Maldonado AQ**, Abdel JA, Hutson W. Physicians' attitude toward organ donation and transplantation in the USA. *Clin Transplant* 2014;28:149-51.

- Bloom RD, **Trofe-Clark J, Wiland A, Alloway RR**. A randomized, crossover pharmacokinetic study comparing generic tacrolimus vs. the reference formulation in subpopulations of kidney transplant patients. *Clin Transplant* 2013;27:E685-93.
- **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(3).
- **Ensor C, Doligalski CT**. Proliferation signal inhibitor toxicities after thoracic transplantation. *Expert Opin Drug Metab Toxicol* 2013;9:63-77.
- **Everly MJ**, Rebellato LM, Haisch CE, Briley KP, Bolin P, Kendrick WT, Kendrick SA, Morgan C, **Maldonado AQ**, Harland RC, Terasaki PI. Impact of IgM and IgG3 anti-HLA antibodies in primary renal allograft recipients. *Transplantation* 2014. In press.
- Gaber LW, Knight RJ, **Patel SJ**. A surgeons' guide to renal transplant immunopathology, immunology, and immunosuppression. *Surg Clin North Am* 2013;93:1293-307.
- Gaurav G, Abu Jawdeh BG, Racusen LC, Bhasin B, Arend LJ, **Trollinger B**, Kraus E, Rabb H, Zachary AA, Montgomery RA, Alachkar NA. Late antibody-mediated rejection in renal allografts: outcome after conventional and novel therapies. *Transplantation*. Accepted for publication.
- **Jantz AS, Patel SJ**, Suki WN, Knight RJ, Bhimiraj A, Gaber AO. Treatment of acute tacrolimus toxicity with phenytoin in solid organ transplant recipients. *Case Rep Transplant* 2013 Jun 13. [Epub ahead of print]
- **Maldonado AQ**, Bitterman AN, Ojogho ON, Bowen KA, Weeks DL. Efficacy of valganciclovir plus cytomegalovirus immune globulin for prevention of cytomegalovirus disease in high risk renal transplant recipients. *Ann Pharmacother* 2014. In press.
- **Martin ST, Powell JT, Patel M, Tsapepas DS**. Risk of posttransplant lymphoproliferative disorder associated with use of belatacept. *Am J Health Syst Pharm* 2013;70:1977-83.
- **Moten MA**, Gaber AO, Putney D, **Patel SJ**. Low-molecular-weight heparin dosing and monitoring in solid organ transplant recipients. *Clin Transplant* 2013;27:852-7.
- Moten MM, **Doligalski XR**. Post-operative transplant immunosuppression in the critical care unit. *AACN Adv Crit Care* 2013;24:345-52.
- **Patel SJ, Devos JM**, Knight RJ, **Dawson KL**, Suki WN, Gonzalez JM, Abdellatif AA, Gaber AO. Effects of rituximab on the development of viral and fungal infections in renal transplant recipients. *ISRN Transplant* 2013;2013:Article 819025.
- **Powell JT, Tsapepas DS, Martin ST**, Hardy MA, Ratner LE. Managing renal transplant ischemia reperfusion injury: novel agents in the pipeline. *Clin Transplant* 2013;27:484-91.
- **Sammons CS, Doligalski CT**. The utility of procalcitonin as a biomarker in lung transplant recipients. *Ann Pharmacother* 2014;48:116-22.
- Shah S, **Tsapepas DS**, Kubin CJ, **Martin ST**, Mohan S, Ratner LE, Pereira M, Kapur S, Dadhanian DM, Walker-McDermott JK. Risk factors associated with *Clostridium difficile* infection after kidney and pancreas transplantation. *Transpl Infect Dis* 2013;15:502-9.
- **Tichy EM, Pilch NA, Smith LD, Maldonado AQ, Taber DJ**. The transplant pharmacy practice model: building a business plan to support the practice. *Am J Health Syst Pharm* 2014. In press.
- **Tsapepas DS, Powell JT, Martin ST**, Hardy MA, Ratner LE. An update to managing renal transplant ischemia reperfusion injury: novel therapies in the pipeline. *Clin Transplant* 2013;27:647-8.
- **Tsapepas DS**, Vasilescu R, Tanriover B, Coppleson Y, Rekhtman Y, Hardy MA, Dube GK, Crew RJ, Ratner LE, Cohen DJ, Mohan S. Donor-specific antibodies should not preclude repeat renal transplantation. *Transplantation* 2013. [Epub ahead of print]

New ACCP Fellows:

Tiffany Kaiser, Pharm.D., BCPS; University of Cincinnati Medical Center, Cincinnati, OH.

Eric Tichy, Pharm.D., BCPS; Yale-New Haven Hospital, New Haven, CT.

Jennifer Trofe-Clark, Pharm.D., BCPS; Hospital of the University of Pennsylvania, Philadelphia, PA.

Other Notable Achievements:

Samir J. Patel: Wrote the "Care of the Kidney Transplant Recipient" chapter in PSAP 2014 Book 1 (*Critical and Urgent Care*).

Jennifer Trofe-Clark: Successfully recertified for BCPS in Pharmacotherapy in 2014.

Other:

The Hospital of the University of Pennsylvania has accepted Daniel R. Stevens for a 1-year renal transplant pharmacy fellowship for 2014–2015. This is a new position for the institution.

Infectious Diseases (ID) PRN

Introduction:

The ID-PRN, with more than 1900 members, including 575 trainees, continues to be one of the largest PRNs. The ID-PRN membership has experienced a 69% increase during a 5-year period. The ID-PRN e-mail list continues to serve as a vast resource for the exchange of ID-related knowledge and ideas. Regarding research and scholarly activity, we are looking forward to providing two scholarships to the 2014 Focused Investigator Training (FIT) Program.

Promotions:

- Christopher Frei: Became a division head of the Pharmacotherapy Division (UT Austin College of Pharmacy) and director for the Pharmacotherapy Education and Research Center (UTHSC San Antonio School of Medicine).
- Krista Gens: Became the PGY1 residency program director at North Memorial Medical Center Robbinsdale, MN.
- Aileen Martinez: Accepted a position as an infectious disease specialist at Martin Health System after completing a PGY2 residency in infectious diseases at Lee Memorial Health System
- Diane Rhee: Promoted to an associate professor of pharmacy practice at Roseman University of Health Sciences.
- Katie Suda: Accepted a position as a research health scientist with the Department of Veterans Affairs Center of Innovation for Complex Chronic Healthcare.
- Niyati Vakil: Accepted a position as an antibiotic utilization review and stewardship pharmacist at Cedars-Sinai Medical Center.

Awards:

- Scott Bergman: Received the New Practitioner Leadership Award from the Illinois Council of Health-System Pharmacists for 2013.
- Kimberly Lee: Received the Virginia Society of Health-System Pharmacists Clinical Pharmacy Achievement Award.
- Christina Madison: Received Honorable Mention: *Pharmacy Today* One to One Patient Counseling Recognition Program (2014) sponsored by the American Pharmacists Association (APhA) (one of only 20 pharmacists in the country who received the award); received the Southern Nevada Immunization & Health Coalition (SNIHC) Silver Syringe Award – 2013 Immunization Education Champion of the Year.
- Katherine Perez: Received the ASHP Foundation Innovation in Pharmacy Practice Award for 2013

– Integrating Rapid Pathogen Identification and Antimicrobial Stewardship Significantly Decreases Hospital Costs.

- Katie Suda: Received the Drake University Alumni Achievement Award.
- Eman Younis: Received a letter of appreciation/commendation from the World Health Organization (WHO) for participating in a national campaign on hand hygiene in the WHO global annual campaign on hand hygiene (SAVE Lives: Clean Your Hands).

Grants:

Christopher Frei: A coinvestigator on the National Library of Medicine (NLM) and National Institutes of Health (NIH) National Network of Libraries of Medicine (NN/LM), South Central Region (SCR) CTSA Community Engagement Award for "What Is CA-MRSA? (PA Seger, Principal Investigator).

Debbie Goff: Received a grant in collaboration with the Federation of Infectious Diseases Societies of South Africa to start an antimicrobial stewardship mentoring program between OSU-ASP (The Ohio State University Antimicrobial Stewardship Program) pharmacists and South African pharmacists.

Publications:

- **Aitken SL**, Palmer HR, Topal JE, Gabardi S, Tichy E. Call for antimicrobial stewardship in solid organ transplantation. *Am J Transplant* 2013;13:2499.
- Altshuler J, **Aitken SL**, Guervil D, Esaian D, Papadopoulos J, Arias CA. Treatment of extended-spectrum beta-lactamase Enterobacteriaceae with cefepime: the dose matters, too. *Clin Infect Dis* 2013;57:915-6.
- **Barriere SL**. The ATAIN trials: efficacy and safety of telavancin compared with vancomycin for the treatment of hospital-acquired and ventilator-associated bacterial pneumonia. *Future Microbiol* 2014 Jan 22. [Epub ahead of print]
- **Berg ML, Estes LE**, Dierkhising RA, Curran B,ENZLER MJ. Evaluation of impact of statin use on CPK elevation during daptomycin therapy. *Ann Pharmacother* 2014;48:320-7.
- **Beyda ND**, Alam MJ, **Garey KW**. Comparison of the T2Dx instrument with T2Candida assay and automated blood culture in the detection of *Candida* species using seeded blood samples. *Diagn Microbiol Infect Dis* 2013;77:324-6.
- Bookstaver DA, **Bland CM**, Mansell KA. Correlation of cefpodoxime susceptibility with cephalothin and cefuroxime for urinary tract isolates. *J Med Microbiol* 2014;63:218-21.

- **Bookstaver PB**, Rokas KE, Norris LB, Edwards JM, Sherertz RJ. Stability and compatibility of antimicrobial lock solutions. *Am J Health Syst Pharm* 2013;70:2185-98.
- Bosch K, **McLaughlin M**, Esterly JS, Rhodes NJ, Postelnick MJ, **Scheetz MH**. Impact of vancomycin treatment duration and dose on kidney injury. *Int J Antimicrob Agents* 2013 Dec 7. [Epub ahead of print]
- Bowers DR, Hunter AS, Jacobs DM, **Kuper KM**, **Musick WL**, **Perez KK**, **Shah DN**, **Schilling AN**. Significant publications on infectious diseases pharmacotherapy in 2012. *Am J Health Syst Pharm* 2013;70:1930-40.
- Chahine EB, Karaoui LR, **Mansour H**. Bedaquiline: a novel diarylquinoline for multidrug-resistant tuberculosis. *Ann Pharmacother* 2014;48:107-15.
- Corey GR, Kollef MH, Shorr AF, Rubinstein E, Stryjewski ME, Hopkins A, **Barriere SL**. Telavancin for hospital-acquired pneumonia: clinical response and 28-day survival. *Antimicrob Agents Chemother* 2014 Jan 13. [Epub ahead of print]
- Daniels KR, Lee GC, **Frei CR**. Trends in catheter-associated urinary tract infections among a national cohort of hospitalized adults, 2001-2010. *Am J Infect Control* 2014;42:17-22.
- Darkoh C, Turnwald BP, Koo HL, **Garey KW**, Jiang ZD, **Aitken SL**, Dupont HL. Colonic immunopathogenesis of *Clostridium difficile* infections. *Clin Vaccine Immunol* 2014 Jan 29. [Epub ahead of print]
- Date AA, Shibata A, McMullen E, La Bruzzo K, Bruck P, Belshan M, Zhao Y, **Destache CJ**. Thermosensitive gel containing cellulose acetate phthalate-efavirenz nanoparticles for prevention of HIV-1 infection. *J Biomed Nanotech* 2014. In press.
- **Denetclaw TH**, Dowling TC, Steinke D. Performance of a divided-load intravenous vancomycin dosing strategy for critically ill patients. *Ann Pharmacother* 2013;47:1611-7.
- Duane TM, Zuo JX, Wolfe LG, Bearman G, Edmond MB, **Lee K**, Cooksey L, Stevens MP. Surgeons do not listen: evaluation of compliance with antimicrobial stewardship program recommendations. *Am Surg* 2013;79:1269-72.
- Esterly JS, **McLaughlin MM**, Malczynski M, Qi C, Zembower TR, **Scheetz MH**. Pathogenicity of clinical *Acinetobacter baumannii* isolates in a *Galleria mellonella* host model according to *blaOXA-40* gene and epidemiological outbreak status. *Antimicrob Agents Chemother* 2014;58:1240-2.
- Fleming E, **Heil EL**, Hynicka LM. Treatment strategy for a multi-drug resistant *Klebsiella* UTI: a case report. *Ann Pharmacother* 2014;48:123-7.
- **Gens KD**, Elashboury RH, Holt JS. Fecal microbiota transplantation and emerging treatments for *Clostridium difficile* infection. *J Pharm Pract* 2013;26:498-505.
- **Goff DA**, Hawksworth K, Mangino JM. Evaluation of an app: STAB-IT™ *Staphylococcus aureus* bacteremia is terrible. *J Mobile Tech Med* 2013;2:15-20.
- **Goff DA**, **Nicolau D**. When pharmacodynamics trump costs: an antimicrobial stewardship program's approach to selecting optimal antimicrobial agents. *Clin Ther* 2013;35:766-71.
- **Hirsch EB**, Chang KT, Zucchi PC, Francoeur DN, Ledesma KR, Tam VH, Lasco TM. An evaluation of multiple phenotypic screening methods for *Klebsiella pneumoniae* carbapenemase (KPC)-producing Enterobacteriaceae. *J Infect Chemother*. Accepted for publication.
- Johnson CS, **Frei CR**, Metersky ML, Anzueto AR, Mortensen EM. Non-invasive mechanical ventilation and mortality in elderly immunocompromised patients hospitalized with pneumonia: a retrospective cohort study. *BMC Pulm Med* 2014;14:7.3.
- **King ST**, Dillon ER, Cannon CG, Finley RW. Daptomycin-induced rhabdomyolysis and acute liver injury. *Scand J Infect Dis*. Accepted for publication.
- **King ST**, Stover KR. Considering confounders of the galactomannan index: the role of piperacillin-tazobactam. *Clin Infect Dis* 2014;58:751-2.
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 - **Suda KJ**, Greene J, Shelton CM. Geographic location of antiretroviral clinical trials in HIV infected pediatric patients. *Int J Clin Pharm* 2013;6:1203-7.
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 - Varughese CA, **Vakil NH**, Phillips KM. Antibiotic-associated diarrhea: a refresher on causes and possible prevention with probiotics – a continuing education article. *J Pharm Pract* 2013;26:476-82.
 - Wilde AM, **Gross AE**. A new practitioner's guide to antimicrobial stewardship. *Am J Health Syst Pharm* 2013;70:2180-3.
 - **Wiskirchen DE**, Nordmann P, Crandon JL, Nicolau DP. In vivo efficacy of human simulated regimens of carbapenems and comparator agents against NDM-1 producing Enterobacteriaceae. *Antimicrob Agents Chemother* 2014;58:1671-7.
 - **Wiskirchen DE**, Nordmann P, Crandon JL, Nicolau DP. Efficacy of humanized carbapenem and ceftazidime regimens against Enterobacteriaceae producing the OXA-48 carbapenemase in a murine infection model. *Antimicrob Agents Chemother* 2014;58:1678-83.
 - Zeuli JD, Wilson JW, **Estes LE**. The effect of combination fluoroquinolone and azole use on qt prolongation in hematology patients. *Antimicrob Agents Chemother* 2013;57:1121-7.
- New ACCP Fellows:**
- Christopher R. Frei, Pharm.D., M.Sc., FCCP, BCPS; San Antonio, TX.
- Jason Gallagher, Pharm.D., FCCP, BCPS; Philadelphia, PA.
- Vanthida Huang, Pharm.D., FCCP, BSPHM; Atlanta, GA.
- Other Notable Achievements:**
- Melody Berg, Emily Heil, and Christina Madison: Became an American Academy of HIV Medicine (AAHIVM) AAHIVM HIV Pharmacist (AAHIVP).
 - Brandon Bookstaver: Elected as president of the South Carolina Society of Health-System Pharmacists.
 - Zhe Han, Aileen Martinez, and Marylee Worley: Became Board Certified Pharmacotherapy Specialists (BCPSs).
 - Sandra Nelson: Received a master's degree (M.Sc.) in quality improvement and patient safety.
 - Rhonda Pohlman: Graduated with a Pharm.D. degree from Idaho State University's nontraditional Pharm.D. program in December.
 - Colleen Terriff: Received an MPH degree in international medicine (awarded December 2013).
 - Mickala Thompson: Attained BCNSP certification.

Nephrology PRN

Introduction:

The Nephrology PRN has been active in a broad range of activities this year. One major accomplishment is the PRN's involvement in the Kidney Health Initiative (KHI). The KHI is an initiative developed by the U.S. Food and Drug Administration (FDA) and the American Society of Nephrology to advance the scientific understanding of the kidney health and patient safety implications of new and existing medical products. The KHI was also created to foster the development of therapies for diseases that affect the kidney by creating a collaborative environment in which the FDA and the greater nephrology community can interact to optimize the evaluation of drugs, devices, biologics, and food products. The ACCP Nephrology PRN will serve as a pioneer member of the KHI. Although many stakeholder groups are represented in the KHI, ours is the only pharmacy group.

Promotions:

Abdulmalik Alkatheri, Pharm.D.: Promoted to associate professor of pharmacy practice, Department of Pharmacy Practice, College of Pharmacy, King Saud bin Abdulaziz University for Health Sciences.

Awards:

Lori Wazny:

- Received the Canadian Society of Hospital Pharmacists National Award for Specialties in Pharmacy Practice. Awarded for “Cost Analysis of a Switch from IV to Subcut Epoetin Alfa in Patients Receiving Hemodialysis.”
- Received the Canadian Society of Hospital Pharmacists 2015 Manitoba Branch Award. Awarded for development of the Renal Pharmacist Performance Expectations (www.kidneyhealth.ca/wp/wp-content/uploads/pharmacy/Renal%20Pharmacist%20Performance%20Expectations.pdf).

Grant:

Joanna Hudson: Received a grant award of \$140,000 from the Oxnard Foundation to support her clinical research study titled “Development of Antibiotic Dosing Recommendations for Sustained Low Efficiency Dialysis.”

Publications:

- **Alkatheri A.** Urinary tract infections in Saudi renal transplant recipients. *J Infect Dis Immun* 2013;5:18-23.
- **Alkatheri A.** Stability of recombinant tissue plasminogen activator at -30°C over one year. *Pharmaceuticals* 2013;6:25-31.
- **Alkatheri A,** Albekairy A. Does the patients' educational level and previous counseling affect their medication knowledge? *Ann Thorac Med* 2013;8:105-8.
- **Alkatheri A,** Alyousif S, Shabanah N, Bekairy AM, Harbi S, Hejaili F, Alkhadari A, Qandil A, Qandil A. Medication adherence among adult Saudi hemodialysis patients. *Saudi J Kidney Dis Transplant*. Accepted for publication.
- **Cardone KE.** End-stage kidney disease. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 9th ed. New York: McGraw-Hill, 2014. In press.
- **Cardone KE,** Grabe DW, Zasowski EJ, Lodise TP. Re-evaluation of ceftazidime dosing recommendations in patients on continuous ambulatory peritoneal dialysis. *Antimicrob Agents Chemother*.
- Chang Y, Burckart GJ, Lesko LJ, **Dowling TC.** Evaluation of hepatic impairment dosing recommendations in FDA-approved product labels. *J Clin Pharmacol*. 2013;53:962-6.

- Fordjour KN, **Walton T,** Doran JJ. Management of hyperkalemia in hospitalized patients. *Am J Med Sci* 2014;347:93-100.
- Harris LE, Reaves AB, Krauss AG, Griner J, **Hudson JQ.** Evaluation of antibiotic prescribing patterns in patients receiving sustained low-efficiency dialysis. *Int J Pharm Pract* 2013;21:55-61.
- **Hudson JQ,** Owens HM, Fleckenstein JF, Loveless VS, Hak LJ. Performance of methods to assess GFR in adults with liver disease. *Renal Fail* 2013;35:249-56.
- **Joy MS, Frye RF, Nolin TD,** Roberts BV, La MK, Wang J, Brouwer KL, Dooley MA, Falk RJ. In vivo alterations in drug metabolism and transport pathways in patients with chronic kidney diseases. *Pharmacotherapy* 2014;34:114-22.
- **Joy MS,** Roberts BV, Wang J, Hu Y, Hogan SL, Falk RJ. A pilot study of leukocyte expression patterns for drug metabolizing enzyme and transporter transcripts in autoimmune glomerulonephritis. *Int J Clin Pharmacol Ther* 2014 Feb 19. [Epub ahead of print]
- Ménard V, Lévesque E, Chen S, Eap O, **Joy MS,** Ekström L, Rane A, Guillemette C. Expression of *UGT2B7* is driven by two mutually exclusive promoters and alternative splicing in human tissues: changes from prenatal life to adulthood and in kidney cancer. *Pharmacogenet Genomics* 2013;23:684-96.
- Mindikoglu AL, **Dowling TC,** Weir MR, Seliger SL, Christenson RH, Magder LS. Performance of chronic kidney disease epidemiology collaboration creatinine-cystatin C equation for estimating kidney function in cirrhosis. *Hepatology* 2013 Jun 6. [Epub ahead of print]
- Moist L, Manns B, Soroka S, White C, **Wazny L,** Wilson J, Sood M, Bass A, Harwood L, McPharlene P. Canadian Society of Nephrology commentary on the 2012 KDIGO clinical practice guideline for anemia. *Am J Kidney Dis* 2013;62:860-73.
- Raymond CB, **Wazny LD,** Sood AR. Renal pharmacist clinical standards of practice. *Can J Hosp Pharm* 2013;66:369-74.
- Roberts BV, Susano I, Gipson DS, Trachtman H, **Joy MS.** Contribution of renal and non-renal clearance on increased total clearance of adalimumab in glomerular disease. *J Clin Pharmacol* 2013;53:919-24.
- **St. Peter W,** Patel U, **Wazny L.** New models of chronic kidney disease care including pharmacists: improving medication reconciliation and medication management. *Curr Opin Nephrol Hypertens* 2013;22:656-62.
- Soergel DG, **Subach RA,** Cowan CL, Violin JD, Lark MW. First clinical experience with TRV027: pharmacokinetics and pharmacodynamics in healthy volunteers. *J Clin Pharmacol* 2013;53:892-9.

- Soergel DG, **Subach RA**, Sadler B, Connell J, Marion AS, Cowan CL, Violin JD, Lark MW. First clinical experience with TRV130: pharmacokinetics and pharmacodynamics in healthy volunteers. *J Clin Pharmacol* 2014;54:351-7.
- Volpe DA, Tobin GA, Tavakkoli F, **Dowling TC**, Light PD, Parker RJ. Effect of uremic serum and uremic toxins on drug metabolism in human microsomes. *Regul Toxicol Pharmacol* 2014;68:297-303.
- Wang A, **Nguyen T**. New anticoagulation medications for atrial fibrillation. *J Dev Drugs* 2013;2:1000e123.
- **Wazny LD**, Raymond CB, Sood AR, Eng A, Verrelli M. Cost analysis of an intravenous to subcutaneous epoetin α conversion. *Am J Nephrol* 2013;38:496-500.
- Wong E, **Nguyen T**. A case-based approach to evaluating azithromycin use and cardiovascular risks. *Consult Pharm* 2014;29:47-52.
- Wong E, **Nguyen T**. Case study on zolpidem and new safety data. *J Nurse Pract* 2014;10:140-1.

Other Notable Achievements:

- **Melanie S. Joy**: Elected as a member of the Electorate Nominating Committee for the Pharmaceutical Sciences Section of the American Association for the Advancement of Science (AAAS).
- **Amy Barton Pai**: Invited to participate in the KDIGO Controversies Conference on the Management of Iron Therapy in CKD to be held in San Francisco, CA, March 27–30, 2014, and was selected to serve on the Programming Committee for the 2015 National Kidney Foundation's spring clinical meeting.
- **Wendy St. Peter** and **Joanna Hudson** were selected to represent the Nephrology PRN in the KHI (described earlier), together with **Katie Cardone** (Nephrology PRN Chair) and **Anne Marie Liles** (PRN chair-elect).
- **Ruth Ann Subach** was directly involved in the design and conduct of all studies in which clinical data were reported in the S-1 document filed with the SEC.
- Trevena, Inc., recently went public (www.trevenainc.com/news-details.php?id=63).

Pain and Palliative Care PRN

Introduction:

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

Promotion:

Farzana Musawwir: Promoted to critical care clinical pharmacist, University of Maryland, Baltimore Washington Medical Center, and continues to participate in various quality improvement initiatives.

Awards:

Jeffrey Fudin, Pharm.D.: Received American Academy of Pain Medicine's (AAPM) Presidential Commendation, in recognition as "a voice for scientific integrity and an advocate for people in pain." To be presented at: AAOPM Annual Meeting; March 8, 2014; Phoenix, AZ.

Jayne Pawasauskas, Pharm.D., BCPS: Received the 2013 Cardinal Health Generation Rx Award (for prescription drug abuse-related work).

Richard Wheeler, Pharm.D., BCPS: Received the 2013 Oklahoma Society of Health-System Pharmacists Pharmacist of the Year Award.

Publications:

- Atkinson TJ, Cronin K, Jahn HL, Kubotera N, Rennick A, **Fudin J**. What's new in NSAID pharmacotherapy? *Pain Med* 2013;14(suppl S1):S11–S17.
- Atkinson TJ, **Fudin J**, Pandula A, Mirza M. Medication management in the elderly: unique and underutilized treatment options. *Clin Ther* 2013;34:1669-89.
- Dole E, **Fudin J**. Pharmacists speak out: the AMA's "drug store intrusion" resolution and Walgreens' "good faith dispensing" policy. *Drug Top* 2013;157:9-10.
- Donovan KJ, **Fudin J**. How changing hydrocodone scheduling will affect pain management. *Pract Pain Manage* 2013;13:69-74.
- **Fudin J**. The hydrocodone question [In My View]. *Drug Top* 2013;157:14-6. (Also available online at <http://drugtopics.modernmedicine.com/drug-topics/news/hydrocodone-question>)
- **Fudin J**, Atkinson TJ. Personalized oxycodone dosing: using pharmacogenetic testing and clinical pharmacokinetics to reduce toxicity risk and increase effectiveness [editorial]. *Pain Med* March 2014. In press.
- **Fudin J**, Atkinson TJ. Opioid prescribing level off, but is less really more? *Pain Med* 2014. In press.
- **Fudin J**, Fontenelle DV, Fudin HR, Carlyn C, Ashley CC, Hinden DA. Potential P-glycoprotein pharmacokinetic interaction of telaprevir with morphine or methadone. *J Pain Palliat Care Pharmacother* 2013;27:261-7.
- **Fudin J**, Fontenelle DV, Payne A. Rifampin reduces oral morphine absorption; a case of transdermal buprenorphine selection based on morphine pharmacokinetics. *J Pain Palliat Care Pharmacother* 2012;26:362-7.
- Kubotera N, **Fudin J**. Pain management for pharmacists – concepts and definitions. CE program at the University of Connecticut School of Pharmacy and Drug Topics. *Drug Top* 2013;April:52-61.

- Sasu-Tenkoramaa J, **Fudin J**. Drug interactions in cancer patients requiring concomitant chemotherapy and analgesics. *Pract Pain Manage* 2013;13:50-64.
- Sasu-Tenkoramaa J, **Fudin J**. Neuropathy in the cancer patient: causes and cures. *Pract Pain Manage* 2013;13:53-67.
- Shaw K, **Fudin J**. Evaluation and comparison of online equianalgesic opioid dose conversion calculators. *Pract Pain Manage* 2013;13:61-6.
- Younan M, Atkinson TJ, **Fudin J**. A practical approach to discontinuing NSAID therapy prior to a procedure. *Pract Pain Manage* 2013;13:45-51.

Textbook Chapters:

Atkinson TJ, **Fudin J**. The problem with chronic pain and opioid medications. In: Peppin J, Kirsh K, Coleman J, eds. *Pain and Prescription Drug Diversion: Healthcare, Law Enforcement, and Policy Perspectives*. Oxford University Press, 2013. Publication pending.

Fudin J, Shrivastava A, Atkinson TJ. Opioids for surgery or acute pain in patients on chronic buprenorphine. In: Aronoff G, ed. *Medication Management of Chronic Pain: What You Need to Know*. Trafford Publishing, 2013. Publication pending.

Other Notable Achievements:

Dennis VC, Britton ML, Carter SM, **Wheeler RE**. Improved examination performance after sequential introductory and advanced pharmacy practice experiences at the same institutional site. Poster Presentation 2013.

Fudin J: Blogs (posted at <http://paindr.com/blog/>, Fudin as owner and editor): Pain Chatter has close to 100 active blog posts that contain interactive communications with nationally recognized clinicians, public health specialists, law enforcement, and others.

Fudin J: Interviews in peer-reviewed and non-peer-reviewed journals, blogs. Countless articles published on and off the Internet, in professional journals, newspapers, newsletters, and so forth contain interviews with Dr. Fudin for various opinions. They are too numerous to list and do not include television or taped interviews. Some examples follow.

- Edlin M. New Bipartisan Bill Seeks to Reclassify Hydrocodone. April 15, 2013. (<http://drugtopics.modernmedicine.com/drug-topics/news/drug-topics/fda/new-bipartisan-bill-seeks-reclassify-hydrocodone>)
- Gallegos A. Physician Liability: When an Overdose Brings a Lawsuit. March 4, 2013. (www.ama-assn.org/amednews/2013/03/04/prsa0304.htm)
- The great hydrocodone rescheduling debate (Drs. Mary Lynn McPherson and Jeffrey Fudin,

as published in *Pharmacy Times* and posted as sequential online interviews pre-MYCM 2013 conference. (www.pharmacytimes.com/search?get1=search&keywordTerm=pain+management)

- The last word on FDA opioid labeling? PROP, PROMPT still disagree; REMS revisions next. *Pharmacy Practice News*. October 2013;40. (www.pharmacypracticenews.com/ViewArticle.aspx?d=Policy&d_id=51&i=October+2013&i_id=1006&a_id=24268)
- PROP versus PROMPT: FDA speaks. *Pract Pain Manage* 2013;13:13-4.

Fudin J: Guideline development: February 21, 2014: Consultative meeting to provide feedback on draft guidelines for the proper use of urine testing in addiction medicine, hosted by the National Association of Addiction Treatment Providers (NAATP) with support from the Center for Lawful Access and Abuse Deterrence (CLAAD) and the American Society of Addiction Medicine (ASAM). Palm Beach Marriott; West Palm Beach, FL.

Musawwir F: Received Board Certification in Pharmacotherapy in 2013.

Robinson P: Opioids for older adults with chronic pain: new evidence, new questions. Presented at: American Geriatrics Society Symposium; May 14, 2014.

Stevens B, Pawasauskas J, Youssef R, Kelley M. Predictors of naloxone utilization in an adult inpatient population. Poster presented at: ASHP Midyear Clinical Meeting; December 2013; Las Vegas, NV.

Pediatric 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 members have, starting at their in-person meeting during the ACCP Annual Meeting, developed an extensive plan for a manuscript tentatively titled “The Role of the Clinical Pharmacist in Pediatric Care.” The committee also held a meeting at the PPAG conference this year to discuss the work. This 18-member committee has outlined and divided out the sections of the paper and is currently writing and editing the extensive work. The paper will undergo a series of edits by experienced editors as well as a “blinded-review” process before being submitted to leading journals. It is hoped that the leading pharmacy and pediatric organizations support this document.

The ultimate goal of this paper is to provide a scope of practice for pediatric pharmacists and to provide documentation for health care professionals and administration regarding the utility of clinical pharmacists in the care of pediatric patients.

Education Committee (Chair: Christina Piro)

The committee successfully coordinated the Annual Meeting PRN focus session titled "Little Patients, Big Dilemmas." This session will include updates on anticoagulation in pediatric patients and alternative drug therapy routes in the pediatric emergency department. The Education Committee continues to work on developing and submitting session proposals for the ACCP Annual Meeting each year. If you have any suggestions for future session topics, please contact the committee.

Nominations Committee (Chair: Tracy Hagemann)

We are continuing to encourage membership nominations for recognition within ACCP and candidates for office starting in fall 2014 (for chair-elect, 2-year term).

Student and Resident Committee (Chair: Chasity Shelton)

This committee is developing a survey to administer to student/resident/fellow members to determine their needs for this committee. The committee is planning to query the PRN members to develop a list of people interested in serving as a mentor to these student/resident/fellow members. Mentorship in this program would be informal (mostly to provide guidance and steer students in the right direction according to their interests and career goals; communication could be established and maintained by e-mail/telephone).

Travel Award Committee (Chair: Hanna Phan)

Two awards were offered for application in 2013. These awards were for resident and student Pediatric PRN members who were presenting (e.g., poster) at the 2013 ACCP Annual Meeting. Recipients of the award are recognized at the PRN annual business meeting, where recipients present their projects to those in attendance. This past year, we had one award recipient, Ms. K. Ashley Jones, a Pharm.D. Candidate (2014), from Auburn University. She presented her project, "The impact of acid suppression therapy on iron supplementation in the pediatric intensive care unit," as part of our Pediatrics PRN annual business meeting in Albuquerque, New Mexico. We will once again be able to offer two travel awards for the 2014 ACCP Annual Meeting, and we have increased the amount of the award.

Research Committee (Chair: Varsha Bhatt-Mehta)

This is the first year for the Research Committee, which had several meetings to define the charges for the committee and to 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 with it and supporting its activities.

Award:

Lisa Lubsch: Received the Cardinal Glennon Children's Medical Center Ambassador Choice Award.

Publications:

Lisa Lubsch:

Guideline: Mogayzel PJ, Naureckas ET, Robinson KA, Mueller G, Hadjiladis D, Hoag JB, **Lubsch L**, Hazle L, Sadosky K, Marshall B; Pulmonary Clinical Practice Guidelines Committee. Cystic fibrosis pulmonary guidelines: chronic medications for maintenance of lung health. *Am J Respir Crit Care Med* 2013;187:680-9.

Bradley McCrory:

Sherwin CMT, Zobell JT, Stockmann C, **McCrory BE**, Wisdom M, Young DC, Olson J, Ampofo K, Spigarelli MG. Pharmacokinetic and pharmacodynamic optimisation of intravenous tobramycin dosing among children with cystic fibrosis. *J Pharmacokinetic Pharmacodyn* 2014;41:71-9.

Other Notable Achievements:

McCrory BE, Barclay CA, McPhail GL, Kirkendall ES, Downes KJ, Goldstein SL. Pharmacist screening for risk of acute kidney injury in the cystic fibrosis population. Paper presented at: 2013 North American Cystic Fibrosis Conference; October 17–19, 2013.

McCrory BE, Szczesniak RD, McPhail GL. Targeting higher vancomycin trough concentrations in patients with cystic fibrosis. Paper presented at: 2013 North American Cystic Fibrosis Conference; October 17–19, 2013.

McCrory, BE, Invited Presentation: Pediatric asthma. Presented to: Licensed Pharmacists as Part of MTM Training Lecture Series for CE, Cincinnati Health Department; August 8, 2013.

Pharmaceutical Industry PRN

The Pharmaceutical Industry PRN had a successful meeting at the ACCP Annual Meeting in Albuquerque on October 13, 2013, when new officers Sandra Chase (chair), Maggie Murphy (chair-elect), and Brian Simmons (secretary/treasurer) were sworn in. Rachel Couchenour is still providing excellent leadership as the PRN past chair. During the meeting, a discussion ensued with the PRN leadership team and other members regarding potential collaboration with the Rutgers Pharmaceutical Industry Fellowship Program with the hope of planning

an educational event at the 2014 ACCP Annual Meeting for students and residents on career opportunities in the pharmaceutical industry. This project is ongoing and represents the first step in building a stronger partnership with new pharmacy graduates within the pharmaceutical and biotechnologic industries and our PRN. If you would like more information or have suggestions on how to bring students into the fold, please contact any of your PRN officers!

In addition, programming for the 2014 ACCP Annual Meeting by the Pharmaceutical Industry PRN will be on "The Drug Approval Process: Changes, Challenges, and How Clinical Pharmacists Can Get Involved." This session will not only discuss changes in the drug development process, but also why drugs fail in late-stage development. These topics will then be incorporated into an interactive panel discussion with clinical pharmacists both in the pharmaceutical industry and in clinical practice regarding how we can work together to develop and conduct clinical trials. If you have any suggestions for potential speakers or if you would like to be involved, please contact officers Drs. Chase, Murphy or Simmons.

Promotion:

Rachel Couchenour, Pharm.D. (Pharmaceutical Industry PRN past chair): Promoted from director to senior director of medical affairs at Chelsea Therapeutics. Dr. Couchenour is based in Charlotte, North Carolina.

New ACCP Fellow:

Sandra Chase, Pharm.D., a medical science liaison with Otsuka Pharmaceuticals, was inducted as a Fellow of the American College of Clinical Pharmacy at the 2013 meeting in Albuquerque. Dr. Chase is also chair of the Pharmaceutical Industry PRN. Before joining Otsuka, Dr. Chase was a clinical pharmacist in cardiology with Spectrum Health System in Grand Rapids.

Other Notable Achievements:

Maggie Murphy, Pharm.D., chair-elect of the Pharmaceutical Industry PRN, recently took a medical science liaison position with The Medical Affairs Company/Takeda Pharmaceuticals and will be supporting the therapeutic area of IBD (inflammatory bowel disease). Dr. Murphy covers the Midwest.

Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN

Awards:

John E. Murphy, Pharm.D., FCCP, FASHP: Will receive the Harvey Whitney Lecture Award. The Harvey A.K. Whitney Lecture Award is given annually to an individual of high moral character, good citizenship, and elevated professional ideals. The recipient has made significant

contributions to health-system pharmacy, including sustained exemplary service, an outstanding single achievement, or a combination of accomplishments benefiting the profession and public health.

Mary H.H. Ensom, Pharm.D., FCCP: Received the University of Kentucky 2013 Paul F. Parker Award in recognition of "an individual who has shown sustained contribution to the profession in practice, teaching or research; a commitment to high ideals and excellence in their chosen field; leadership and innovation; and a passion to encourage the personal and professional growth of others" (December 2013). In addition, Dr. Ensom received the 2014 Pharmacotherapy Best Practices Award (Merck) from the Canadian Society of Hospital Pharmacists (February 2014).

Grant:

Paul Beringer, Pharm.D., FCCP: Received a \$192,377 grant from the Cystic Fibrosis Foundation for "Targeting CF Infection and Inflammation with Aerosolized Theta-defensin."

Publications:

- Cartwright AL, Wilby KJ, Corrigan S, **Ensom MHH**. Pharmacogenetics of risperidone: a systematic review of the clinical effects of *CYP2D6* polymorphisms. *Ann Pharmacother* 2013;47:350-60.
- Culley C, Kiang TKL, Gilchrist SE, **Ensom MHH**. Effect of the *UGT1A1*28* allele on unconjugated hyperbilirubinemia in HIV patients receiving atazanavir: a systematic review. *Ann Pharmacother* 2013;47:561-72.
- **Ensom MHH**, Kendrick J, Rudolph S, Decarie D. Stability of propranolol in extemporaneously compounded suspensions. *Can J Hosp Pharm* 2013;66:118-24.
- 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. *Pediatr Drugs* 2014 Feb 5. [Epub ahead of print]
- Kiang TKL, Ng K, **Ensom MHH**. Multiple regression analysis of factors predicting mycophenolic acid free fraction in 91 adult organ transplant recipients. *Ther Drug Monit* 2013;35:867-71.
- Kiang TKL, Wilby KJ, **Ensom MHH**. Telaprevir: clinical pharmacokinetics, pharmacodynamics, and drug-drug interactions. *Clin Pharmacokinet* 2013;52:487-510.
- Kiang TKL, Wilby KJ, **Ensom MHH**. Clinical pharmacokinetic drug interactions associated with artemisinin derivatives and HIV-antivirals. *Clin Pharmacokinet* 2014;53:141-53.

- Kistner C, **Ensom MHH**, Decarie D, Lauder G, Carr RR. Compatibility of various naloxone hydrochloride concentrations with morphine sulphate in 0.9% sodium chloride injection. *Can J Hosp Pharm* 2013;66:163-70.
- 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.
- Pawluk SA, Wilby KJ, **Ensom MHH**. Pharmacokinetic-profile of artemisinin derivatives and companion drugs used in artemisinin-based combination therapies for the treatment of *Plasmodium falciparum* malaria in children. *Clin Pharmacokinet* 2013;52:153-67.
- Ramsey T, Lau TTY, **Ensom MHH**. Linezolid's serotonergic and adrenergic drug interactions: a critical review and practical management approach. *Ann Pharmacother* 2013;47:543-60.
- Tremblay S, Lau TTY, **Ensom MHH**. Vancomycin with rifampin for MRSA infections: what is the evidence? *Ann Pharmacother* 2013;47:1045-54.
- **Tuteja S**, Duffy D, Dunbar RL, Movva R, Gadi R, Bloedon LT, Cuchel M. Pharmacokinetic interactions of the microsomal triglyceride transfer protein inhibitor, lomitapide, with drugs commonly used in the management of hypercholesterolemia. *Pharmacotherapy* 2014;34:227-39.
- **Tuteja S**, Haynes K, Zayac C, Sprague JE, Bernhardt B, Pyeritz R. Community pharmacists' attitudes towards pharmacogenetic testing. *Per Med* 2013;10:793-800.
- Wilby KJ, Gilchrist SE, **Ensom MHH**. A review of the pharmacokinetic implications of schistosomiasis. *Clin Pharmacokinet* 2013;52:647-56.

Other:

Sony Tuteja, Pharm.D., M.S., BCPS: Appointed as the chair of the Organ Specific Diseases Scientific Section of *Clinical Pharmacology & Therapeutics* for 2014–2015.

Women's Health PRN

Publications:

The Women's Health PRN published an opinion paper in *Pharmacotherapy* on the use of bioidentical hormones: Use of compounded bioidentical hormone therapy in menopausal women: an opinion statement of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014 Jan 4. [Epub ahead of print]

A PRN opinion paper on the use of long-acting reversible contraceptives is expected to be published in *Pharmacotherapy* in the spring of 2014.

Jennifer McIntosh, Pharm.D., MHS

- **McIntosh J**, Wahlin B, Grindlay K, Batchelder M, Grossman D. Insurance and access implications of an over-the-counter switch for a progestin-only pill. *Perspect Sex Reprod Health* 2013;45:164-9.

Gerald Briggs, BPharm, FCCP

- The 10th edition of his book, *Drugs in Pregnancy and Lactation*, is with the copyeditors and will be released in August 2014. The book will have about 125 new drugs and more than 200 revisions of ninth-edition drugs. No new data were found for more than 300 drugs, and about 160 drug reviews were removed because they were no longer on the market.

Lamis Karaoui, Pharm.D., BCPS

- American College of Clinical Pharmacy; O'Connell MB, Jackson AN, **Karaoui LR**, Rodriguez de Bittner M, Chen AM, Echeverri M, et al. Cultural competency in health care and its implications for pharmacy. Part 3A: emphasis on pharmacy education, curriculums, and future directions. *Pharmacotherapy* 2013;33:347-67.
- American College of Clinical Pharmacy; O'Connell MB, Jackson AN, **Karaoui LR**, Rodriguez de Bittner M, Chen AM, Echeverri M, et al. Cultural competency in health care and its implications for pharmacy. Part 3B: emphasis on pharmacy education policy, procedures, and climate. *Pharmacotherapy* 2013;33:e368-81.
- Chahine EB, **Karaoui LR**, Mansour H. Bedaquiline: a novel diarylquinoline for multidrug-resistant tuberculosis. *Ann Pharmacother* 2014;48:107-15.

Promotion:

Karen Whalen, Pharm.D., BCPS, CDE: Promoted to an assistant dean for clinical education at the University of Florida.

Awards:

Christina M. Madison, Pharm.D., BCACP, AAHIVP: Received the American Pharmacists Association (APhA) *Pharmacy Today* One to One Counseling Award, Honorable Mention (March 2014) and the Southern Nevada Immunization & Health Coalition (SNIHC) Silver Syringe Award – 2013 Immunization Education Champion of the Year (awarded December 2013).

Nikki Milne, Pharm.D., BCPS: Received the Utah Society of Health-System Pharmacists (USHP) New Practitioner of the Year Award (2013–2014).

Publications:

Laura Borgelt, Pharm.D., FCCP, BCPS

- Anderson SL, **Borgelt LM**. Case report: risk of uterine perforation from IUDs is greatest during postpartum period. *Am Fam Physician* 2013;88:634-6.

- McBane SE, **Borgelt LM**, Barnes KN, Westberg SM, Lodise NM, Stassinis M. Use of compounded bioidentical hormone therapy in menopausal women: an opinion statement of the women's health practice and research network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2014 Jan 4. [Epub ahead of print]

Sarah McBane, Pharm.D., FCCP, BCPS, CDE

- **McBane S**, Borgelt L, Barnes K, Westberg S, Lodise N, Stassinis M. Use of Compounded bioidentical hormone therapy in menopausal women: an opinion statement of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. Article first published online: 2014 Jan 4 (doi: 10.1002/phar.1394).

Sally Rafie, Pharm.D., BCPS

- Jahansouz F, **Rafie S**, Chu F, Lamott J, Atayee R. Impact of smart infusion pump implementation on intravenous patient-controlled analgesia medication errors. *Calif J Health Syst Pharm* 2013;25:145-50.
- **Rafie S**, Kim GY, Lau LM, Tang C, Brown C, Maderas NM. Assessment of family planning services at community pharmacies in San Diego, California. *Pharmacy* 2013;1:153-9.

Other Notable Achievements:

Laura Borgelt, Pharm.D., FCCP, BCPS: Passed the NCMP examination as an NAMS Certified Menopause Practitioner (NCMP).

Christina M. Madison, Pharm.D., BCACP, AAHIVP
Credentialing: American Academy of HIV Medicine as an HIV Pharmacist (AAHIVP).



ACCP Student Chapters

Because of the growing interest in clinical pharmacy, ACCP has expanded opportunities for student involvement in the College by formally recognizing student chapters in October 2013. Since then, 33 student chapters have been formed.

Officially Recognized 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
- Howard University College of Pharmacy
- Mercer University College of Pharmacy
- Northeast Ohio Medical University College 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
- 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
- South Dakota State University College of Pharmacy
- Touro University – California College 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 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 the Sciences Philadelphia College of Pharmacy
- University of South Florida School of Pharmacy
- University of Toledo College of Pharmacy and Pharmaceutical Sciences
- University of Utah College of Pharmacy

Benefits of Student Membership

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

- Leadership development experiences (as student liaisons and as members of the National Student Network Advisory Committee);
- Options to explore clinical pharmacy specialties (by taking advantage of complimentary student membership in up to two PRNs);

Opportunities to expand and showcase their knowledge (through Scientific Poster Presentations and the Clinical Pharmacy Challenge); and

Career development guidance (through the CV Review Service, the “Emerge from the Crowd: How to Become a Standout Residency Candidate” sessions, and career development programming at national meetings).

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



2014 ACCP CLINICAL PHARMACY CHALLENGE: THE EXCELLENCE CONTINUES

ACCP's national pharmacy student team competition returns in 2014. The Clinical Pharmacy Challenge offers eligible teams the opportunity to compete in up to four online rounds, with the top eight teams advancing to the live quarterfinal competition at the 2014 ACCP Annual Meeting in Austin, Texas, in October. Plan now to participate this fall. Team registration opens April 7, 2014.

Competition Overview

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

Preliminary rounds of the national competition will be conducted virtually in September. The quarterfinal, semifinal, and final rounds will be held live at the ACCP Annual Meeting in Austin, Texas, October 11–13, 2014.

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

- Trivia/Lightning
- Clinical Case
- Jeopardy-style

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

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

Students are not required to be members of ACCP to participate. Team registration may be submitted online and must be initiated by a current faculty member at the respective institution. Students interested in forming a team should contact their ACCP faculty liaison. If no ACCP Faculty Liaison has been identified, any faculty member from the institution can initiate the registration process. The registering faculty member must confirm the eligibility of all team members and/or alternates online before a team will be permitted to compete. **The deadline for completing your team registration is September 2, 2014.**

ACCP NATIONAL STUDENT NETWORK ADVISORY COMMITTEE (SNAC)

Now Accepting Applications for 2014–2015

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

Student members who are interested in serving on the ACCP SNAC, either as a member-at-large or in a leadership role, may apply for appointment. All applicants must submit a curriculum vitae, a personal essay, and a letter of recommendation from a professor, a preceptor, or an academic dean or his or her designee.

Application for appointment to the 2014–2015 SNAC is available online. Applications are due **June 13, 2014.**

POSTGRADUATE TRAINEE (PGT) UPDATE

Residents, Fellows, and Graduate Students

Many PGTs have expressed that they are unaware of the opportunities to get involved in the PRNs. Therefore, efforts made by those in PRN leadership to provide the Resident Advisory Committee with PGT-specific information are greatly appreciated. Resident, fellow, and graduate students can now view this information on

the Web site (www.accp.com/resfel/prncorner.aspx). The information will be updated every November.

Sixty-seven PGT members of ACCP currently participate in the 2013–2014 Mentoring Program. Mentors are ACCP members with at least 5 years of professional experience who have volunteered to participate in the program. Mentor/mentee pairs are encouraged to correspond at least monthly and are provided with timely topics to discuss. A call for mentors goes out each year in August.

All resident, fellow, and graduate student members of ACCP currently receive a monthly electronic newsletter titled *Experts in Training*. The newsletter primarily highlights the membership benefits of ACCP. This year, a Q&A piece was added to address specific PGT issues in more detail. You may view the archives through the link above. If there are topics you'd like to see covered in future editions, submit your ideas to ksims@accp.com.

The College is currently accepting applications for all positions on the 2014–2015 National Resident Advisory Committee. The committee is a working group composed of residents, fellows, and graduate student members of ACCP. Applications for chair, vice chair, and member-at-large positions are due by June 13, 2014.



RESEARCH INSTITUTE UPDATE

ACCP Research Institute 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 new 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? Do you frequently ponder an "I wonder" clinical question? Would you like to participate in collaborative clinical research? The ACCP Practice-Based Research Network (PBRN) may be the perfect solution. The PBRN is an ever-growing group of clinical pharmacists from all 50 states who practice in a variety of settings. 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 has continued to grow since its launch in February 2009. We have more than 800 members to date, including members who belong to existing PRNs and whose data are shown below. We encourage each of you to join!

ACCP PBRN Members	PRN Code	PRN Name
90	AMED	Adult Medicine
182	AMBU	Ambulatory Care
110	CARD	Cardiology
20	CNSY	Central Nervous System
25	CADM	Clinical Administration
100	CRIT	Critical Care
6	DINF	Drug Information
71	EDTR	Education and Training
15	EMED	Emergency Medicine
36	ENDO	Endocrine and Metabolism
33	GERI	Geriatrics
16	GILN	GI/Liver/Nutrition PRN
19	OCEC	Health Outcomes
45	HMON	Hematology/Oncology
36	IMTR	Immunology/Transplantation
93	INFD	Infectious Diseases
24	NEPH	Nephrology
23	PAIN	Pain and Palliative Care
46	PEDI	Pediatrics
5	INDU	Pharmaceutical Industry
22	PK/PD/ PG	Pharmacokinetics/ Pharmacodynamics/ Pharmacogenetics
26	WOMN	Women's Health

3/05/2014

How Do I Join the ACCP PBRN?

Joining the ACCP PBRN is free to all ACCP members. You can join the PBRN as an individual or as part of an existing network by completing our online registry at www.accpri.org/pbrn/registration.aspx. We invite you to browse our "Now Recruiting" and "Ongoing" studies by visiting our Web site (www.accpri.org/pbrn/researchProjects.aspx) or share your idea for a potential PBRN study at any time (www.accpri.org/pbrn/StudySuggest.aspx). You can also sign up to receive e-mail notifications about future studies.

Calling All Researchers!

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

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



FROM THE DESK OF THE ACCP PBRN NETWORK DIRECTOR:

An Update on Research Initiatives Within the PBRN

Since our update last fall, the PBRN has continued to move forward on several important initiatives. Two of these initiatives are described below.

We will be recruiting sites in the next few months for two funded studies that will be using the PBRN. The first is a noninterventional 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, guideline implementation at the patient care level requires a comprehensive, multidisciplinary approach to recognize and overcome operational barriers in order 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 challenges and barriers to implementing or updating the 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 agents in the therapy for 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 to evaluate factors affecting prescriber selection of these medications, perception of effectiveness and safety, or preferences for selecting therapy since newer antipsychotic agents have become available.

We will be conducting feasibility assessments and recruiting for both studies in the near future. 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 (pbrn@accp.com) or telephone (913) 492-3311.

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

2014 FIT PROGRAM APPLICATIONS NOW OPEN

The Research Institute will host its sixth Focused Investigator Training (FIT) Program this summer at the University of Georgia College of Pharmacy, in Athens, Georgia, from July 10 to 14, 2014. This year's FIT Program faculty mentor team already includes John Cleary, Jennifer Cocohoba, Vicki Ellingrod, Mary Ensom, Susan Fagan, Karen Farris, Reggie Frye, Grace Kuo, Jeannine McCune, Robbie Parker, and Lynda Welage.

Scholarships available for 2014:

- Critical Care PRN: 2 full-tuition scholarships
- Infectious Diseases PRN: 2 full-tuition scholarships
- Adult Medicine PRN: 1 full-tuition scholarship
- Ambulatory Care PRN: 1 full-tuition scholarship or 2 half-tuition scholarships
- Hematology/Oncology PRN: 1 full-tuition scholarship
- Immunology/Transplantation PRN: 1 full-tuition scholarship
- Education and Training PRN: 1 half-tuition scholarship
- The Research Institute: 1 full-tuition scholarship for a PBRN-based project

The 2014 FIT informational brochure, FAQs, and application are available at www.accpri.org/fit/. There is still time to submit your application by the March 31, 2014, deadline.



WASHINGTON UPDATE

Special Washington Report: The PAPCC, H.R. 4190, and ACCP

Recently, a group of national pharmacy associations, chain drug stores, and other interested stakeholders announced the launch of a new coalition, the Patient Access to Pharmacists' Care Coalition (PAPCC), to develop and enact legislation that would grant pharmacists provider status under Medicare Part B.

ACCP published a Washington Report outlining the College's perspectives regarding the coalition's efforts and addressing questions raised by ACCP members regarding the College's absence from this newly established group. Click here to read the Washington Report.

ACCP Medicare Coverage Initiative – PRN Update

Since the formal launch of ACCP's Medicare Part B Comprehensive Medication Management Coverage Initiative in December 2012, ACCP's Washington office has made a concerted effort to improve its collaboration with the College's PRNs to advance our advocacy agenda.

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

As we move forward with our efforts to introduce legislation on Capitol Hill, the leadership of our PRNs is even more important. PRN members collectively possess a depth of clinical knowledge and expertise that contribute directly to ACCP's success. There are no better advocates for this effort than the clinical leaders who deliver these services to patients across the country.

We appreciate the PRNs' enthusiasm and leadership in helping to advance our advocacy efforts, and we look forward to a busy 2014.

Medicare Initiative Resources

ACCP recently released some important resources and updates related to the Medicare Initiative. PRN members are especially encouraged to review these documents.

[Medicare Initiative One-Page Summary](#): This document provides a concise summary of the Medicare Initiative, with talking points on why "getting the medications right" is an essential objective for a modernized, cost-effective, and quality-focused Medicare program.

[Medicare Initiative Update. Part B Comprehensive Medication Management Coverage vs. "Provider Status": Examining the Difference](#): This document thoroughly examines why ACCP is seeking to establish a new Medicare Part B benefit for comprehensive medication management (CMM) services delivered by qualified clinical pharmacists, rather than "provider status" for pharmacists. The document explains why simply adding pharmacists to the list of eligible Part B providers will not guarantee that Medicare will pay pharmacists for their services. It highlights examples at the state level in California as well as initiatives at the federal level that show the importance of securing a Medicare benefit that covers services, not providers.

[Medicare Initiative Update: 2013 Review](#): One year after the launch of our Medicare Initiative, this document reviews the progress we have made and the lessons we have learned. These can be summarized as follows:

- **The policy of our proposal is fundamentally solid.** In a hyper-partisan Congress, Republicans and Democrats agree that a CMM benefit delivered by qualified clinical pharmacists would enhance the quality of care available to seniors and improve overall health outcomes.
- **The cost of our proposal remains a major challenge.** In a difficult budgetary environment and amid the ongoing debate over sequestration, the challenge of gaining support for an initiative that will be an upfront cost to the Medicare program money is considerable.
- **Support from other health professions is critical.** Because our Medicare Initiative calls for CMM services delivered by qualified clinical pharmacists working as formal members of the patient's health care team under collaborative practice agreements, lawmakers may reasonably expect that other members of the health care team will support our initiative. ACCP has been resolute in its outreach to other health care professions and stakeholders, particularly the physician community.
- **Delivery of care must be compatible with evolving delivery and payment models.** Health policy discussions on Capitol Hill are dominated by the issue of reforming Medicare payment policies and moving away from the fee-for-service model that rewards volume over outcomes and quality. As a result, a new Medicare benefit, such as ACCP's Medicare Initiative, must be compatible with evolving payment models already being tested, such as accountable care organizations (ACOs) and patient-centered medical homes.
- **Our success will require the participation of all ACCP members.** No legislative initiative can move forward purely on the strength of its own merits – grassroots advocacy and financial contributions are key to showing support for an initiative from districts and states well beyond the Beltway. ACCP calls on every member of the College to participate in our grassroots program and support our PAC.

For complete information on ACCP's advocacy effort, visit our Medicare Coverage Initiative page at 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 capwiz.com/accp/home/.

ACCP Comments on the CMS Contract Year 2015 Proposed Rule

On January 10, 2014, the Centers for Medicare & Medicaid Services (CMS) issued proposed recommendations for the Medicare program titled "Contract Year 2015 Policy and Technical Changes to the Medicare Advantage

and the Medicare Prescription Drug Benefit Programs” and requested that interested stakeholders submit comments on the regulatory changes.

ACCP responded, applauding the agency for its efforts to expand beneficiary access to the Part D medication therapy management (MTM) program. However, ACCP expressed concern that Part D MTM – as currently structured – delivered primarily through prescription drug plans and detached from the patient’s health care team and medical records, fails to support a team-based approach to patient care and will fall short of realizing the full potential of effective team-based medication management in terms of improved outcomes and lower costs.

[Click here](#) to read the CMS Proposed Regulation.

[Click here](#) to read ACCP’s Comment Letter.

ACCP Endorses a Medicare Reform Proposal – The Better Care, Lower Cost Act

A recently introduced piece of legislation would establish an integrated chronic care delivery program (Better Care Program or BCP) that promotes accountability and better care management for chronically ill Medicare patients while encouraging investment in infrastructure and redesigned care processes that result in high-quality, efficient service delivery for the most vulnerable and costly population.

This bipartisan, bicameral initiative, introduced by Senators Wyden (D-OR) and Isakson (R-GA) ([S. 1932](#)) and Reps. Paulsen (R-MN) and Welch (D-VT) ([H.R. 3890](#)), would allow groups of providers to establish “better care practices,” which would in turn receive newly calculated, risk-adjusted, capitated payments rewarding better health outcomes for enrolled beneficiaries.

Of importance, pharmacists were included on the list of BCP-eligible professionals, an indication of the growing awareness among lawmakers of the need to incorporate pharmacists as fully integrated members of the health care team responsible for managing complex medication regimens.

ACCP wrote to the original sponsors of this legislation to thank them for their leadership in working to develop a modernized Medicare program that rewards quality, value, and outcomes over volume and process. In our letter, we cautioned that the absence of Part B coverage for CMM services remains a significant barrier to beneficiaries’ access to these services.

[Click here](#) to learn more about the Better Care, Lower Cost Act.

[Click here](#) to read ACCP’s letter of support.

Tracy Rupp Named 2014–2015 ACCP-ASHP-VCU Congressional Healthcare Policy Fellow

Tracy Rupp, Pharm.D., RD, MPH, BCPS, of Durham, North Carolina, has been named the 2014–2015 ACCP-ASHP-VCU Congressional Healthcare Policy Fellow.

The fellow program, now in its eighth year, provides pharmacists with unique insights into health care policy analysis and development, under the auspices of the Virginia Commonwealth University (VCU) School of Pharmacy in collaboration with the American College of Clinical Pharmacy (ACCP) and the American Society of Health-System Pharmacists (ASHP).

The current fellow, Daniel Nam, BSP Pharm, J.D., is a Legislative Fellow for Sen. Michael Bennet (D-CO), who serves on the Senate Committee on Health, Education, Labor, and Pensions and the Committee on Finance.

[Click here](#) to read the press announcing Dr. Rupp’s appointment.

[Click here](#) to learn more about the ACCP-ASHP-VCU Congressional Healthcare Policy Fellow Program.



Advancing Our Medicare Initiative Through Grassroots Action

We believe that our investment in our Washington office and advocacy activities during the past 12 years leaves us well

placed to advance our Medicare Coverage Initiative. However, 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 has the potential to exert considerable influence on Capitol Hill. Yet to realize this potential, we need the active participation of all of our members as grassroots advocates.

Identifying Political Champions

In seeking to identify potential champions to advance our initiative in Congress, we need to determine the 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 that 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 multiple sites. Members of Congress will be interested in learning 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

A key element in the internal ACCP discussion leading up to the launch of our legislative initiative was the need to develop a consistent, standardized process of patient care – and the recognition that clinical pharmacists' contributions to patient care are often difficult to define could act as a barrier to achieving recognition and payment for those services.

If this definitional question persists even within the health care community, it is understandable that lawmakers in Congress may struggle to grasp what we are proposing when we call for Medicare Part B coverage of CMM services delivered by qualified clinical pharmacists.

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 of and payment for clinical pharmacists' services.

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

A comprehensive guide to inviting a member of Congress to tour your practice site is available on our

[Legislative Action Center](#). If you would like to discuss the process of hosting a lawmaker at your practice site, please contact John McGlew at (202) 621-1820 or jmcglew@accp.com.

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

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

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

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

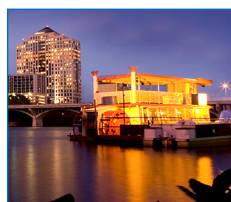
ACCP-PAC depends entirely on the support of ACCP members. Although numerous PACs represent various segments of the pharmacy profession, ACCP has the only PAC dedicated to advancing the practice of clinical pharmacy.

We call on the PRNs to encourage their members to participate in the PAC.

All ACCP members should consider donating at least \$25 to ACCP-PAC. If each ACCP member were to contribute just \$25, ACCP-PAC would raise \$300,000. [CLICK HERE](#) to support your PAC today!

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

John K. McGlew Associate Director, Government Affairs
American College of Clinical Pharmacy
1455 Pennsylvania Ave. NW
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FALL ANNOUNCEMENT

Make Plans Now to Attend the 2014 ACCP Annual Meeting in Austin, Texas

Mark your calendar and plan to attend the 2014 ACCP Annual Meeting, October 12–15, in Austin, Texas. The ACCP Annual Meeting offers stellar educational programming on the most topical issues, interactive professional development sessions, and numerous networking opportunities that will provide you with access to the leaders and groundbreakers of clinical pharmacy.

The 2014 Annual Meeting will offer the three curricular tracks focusing on emerging clinical and professional issues, PRN-developed focus sessions, and Academy programming developed for each of the four ACCP Academy certificate programs. The meeting's schedule of events will include the highly anticipated scientific paper platform presentations/poster presentations and the Town Hall Meeting. In addition to these sessions, attendees will not want to miss the increasingly popular live rounds of the ACCP Clinical Pharmacy Challenge, which draws talented student teams from the nation's top pharmacy schools.

Experience the Live Music Capital of the World

ACCP Annual Meeting attendees will have an opportunity to experience the unique and vibrant culture, history, and entertainment that Austin has to offer. Known as the

"Live Music Capital of the World," Austin is home to more than 250 music venues and a vibrant art scene. ACCP has selected the Hilton Austin as its headquarters hotel. Located adjacent to the Austin Convention Center, the Hilton Austin's newly remodeled guest rooms offer comfort, elegance, and spectacular views of the city's vibrant shopping, dining, and entertainment scene. Within walking distance of the Hilton Austin, attendees will enjoy the famous 6th Street Entertainment District, the Rainey Street Historic District, the Warehouse District, and much more! This is a meeting you won't want to miss. Registration for the 2014 Annual Meeting will open in June. Watch the ACCP Web site for more details.



PRN MEMBERSHIP TOTALS

Adult Medicine PRN (AMED)	1095
Ambulatory Care PRN (AMBU)	1796
Cardiology PRN (CARD)	1217
Central Nervous System PRN (CNSY)	217
Clinical Administration PRN (CADM)	410
Critical Care PRN (CRIT)	2011
Drug Information PRN (DINF)	338
Education and Training PRN (EDTR)	485
Emergency Medicine PRN (EMED)	566
Endocrine and Metabolism PRN (ENDO)	279
Geriatrics PRN (GERI)	364
GI/Liver/Nutrition PRN (GILN)	200
Health Outcomes PRN (OCEC)	191
Hematology/Oncology PRN (HMON)	721
Immunology/Transplantation PRN (IMTR)	423
Infectious Diseases PRN (INFD)	1941
Nephrology PRN (NEPH)	220
Pain and Palliative Care PRN (PAIN)	333
Pediatrics PRN (PEDI)	838
Pharmaceutical Industry PRN (INDU)	289
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN (PK/PD/PG)	254
Women's Health PRN (WOMN)	257
TOTAL:	14,445

PRN Contact Information

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

Adult Medicine	Rolee Das, Pharm.D., BCPS
Ambulatory Care	M. Shawn McFarland, Pharm.D.
Cardiology	Shannon W. Finks, Pharm.D., FCCP, BCPS
Central Nervous System	Chad M. VanDenBerg, Pharm.D., BCPP
Clinical Administration	Charlene A. Hope, Pharm.D., BCPS
Critical Care	Mitchell S. Buckley, Pharm.D., FCCM, BCPS
Drug Information	Sabrina W. Cole, Pharm.D., BCPS
Education and Training	Kristi W. Kelley, Pharm.D., BCPS, CDE
Emergency Medicine	Mary Beth Shirk, Pharm.D., BCPS
Endocrine and Metabolism	Nicole R. Pinelli, Pharm.D.
Geriatrics	Matthew A. Cantrell, Pharm.D.
GI/Liver/Nutrition	April N. Smith, Pharm.D., BCPS
Health Outcomes	Jack E. Brown, Pharm.D., M.S., BCPS
Hematology/Oncology	Christy S. Harris, Pharm.D., BCPS, BCOP
Immunology/Transplantation	James J. Thielke, Pharm.D.
Infectious Diseases	Sandy J. Estrada, Pharm.D., BCPS
Nephrology	Katie E. Cardone, Pharm.D., FNKF, BCACP
Pain and Palliative Care	Karen F. Marlowe, Pharm.D., BCPS, CPE
Pediatrics	Barnabas M. John, Pharm.D.
Pharmaceutical Industry	Sandra L. Chase, Pharm.D.
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics	Kuo Yang, Pharm.D.
Women's Health	Christina M. Madison, Pharm.D., BCACP