

ACCP PRN Report

American College of Clinical Pharmacy

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PRESIDENT'S COLUMN

In the March 2013 *PRN Report* column, I provided an overview of three ACCP initiatives that should be very important to the PRNs—a Medicare benefit for direct patient care by a clinical pharmacist (“provider status”), Board of Pharmacy Specialties (BPS) certification changes, and student chapters. Each of these three issues has continued to evolve over the past 6 months, and I would like to provide some brief updates. We also have a very busy Annual Meeting coming up in a few short weeks in Albuquerque that is sure to be highly educational, intellectually stimulating, a great opportunity to catch up with good friends and colleagues, and an excellent chance to meet some new clinical pharmacy contemporaries.



The largest and most important policy initiative in ACCP's history is the current Medicare benefit proposal for the coverage of comprehensive medication management services by clinical pharmacists. The goal is to gain recognition for the importance of “getting the medications right” to improve medication-related outcomes, and our belief that a qualified clinical pharmacist as a member of the interprofessional patient care team is best trained and positioned to provide this benefit. I direct you to the ACCP Government and Professional Affairs Web page (www.accp.com/govt/medicare.aspx) for a comprehensive collection of documents and information on the initiative. On this page, you will find an FAQ document and an advocacy packet that includes copies of the congressional issues brief and data document in support of the initiative. The page also contains a collection of supporting documents and resources. I encourage you to review this material and become familiar with ACCP's position and efforts on “provider status”. Soon, we will reach a point where grassroots advocacy

will become a critically important element of the overall initiative, and familiarity with the details of the effort will be important. It is also important to realize that there has never been a greater need for all of us to support the ACCP Political Action Committee (PAC). Please consider a donation to the PAC, which can be done easily through the PAC Web site (www.accpaction.org/signin/index.aspx).

Specialty Certification Updates

The good news from BPS since the last *PRN Report* is the favorable decision to recognize Critical Care and Pediatrics as the newest pharmacy specialties. The BPS Specialty Councils for these two new specialties, impaneled last month, will begin the task of developing the item banks and exams. There will be a need for qualified expertise for item writing, and I anticipate that many of our Critical Care and Pediatric PRN members will be major contributors to this effort. Stay tuned for a call for item writers for both of these specialties, and give serious consideration to volunteering. The first examinations will be offered in 2015.

Last April, BPS leadership announced that were embarking on a 12-month process of evaluation to develop a scalable foundational model for the future board certification of pharmacists. ACCP welcomes this decision by BPS to reevaluate the specialty recognition framework to hopefully accommodate and encourage the continued evolution of specialty recognition in pharmacy. We will join other stakeholder organizations to work with BPS during this period of evaluation.

One unfortunate consequence of this decision is that further progress on the applications for recognition of Cardiology and Infectious Diseases as specialties has been put on hold. We anticipate that these applications will move forward, and we remain prepared to fully support the petition development with our partner organizations when the call comes for petitions.

Hopefully, this evaluation process will stay on schedule and thus minimize delays on these specialties moving forward. For a more detailed discussion of these BPS developments, please see the column titled “Board Certification—Creating a New Framework” in the May ACCP Report (www.accp.com/docs/report/0513.pdf).

ACCP Formally Recognizes Student Chapters

It's official: in August, ACCP announced the formal recognition of student chapters and published the process to be followed for creating a student chapter (see www.accp.com/stunet/studentliaisons.aspx). This is a great step forward for ACCP that creates more opportunities for students to be actively involved in the organization and for an increased presence of clinical pharmacy content and discussion within the schools and colleges of pharmacy.

Students have been the fastest-growing membership segment of ACCP in recent years and represent the future of the organization. Formally recognizing student chapters is anticipated to further contribute to students' interest in ACCP as their professional home. I encourage academic members of the PRNs to introduce your students to the benefits of ACCP membership and to support the development of student chapters on your campus.

Annual Meeting Next Week

Lastly, we have a great Annual Meeting coming up next week in Albuquerque! I look forward to seeing you there. Please plan to attend the Opening General Session on Sunday, where we will have a very contemporary keynote address presented by Dr. Matthew Wynia, AMA's director of Physician and Patient Engagement for Improving Health Outcomes, who will talk about the impact of effective team-based care on patient outcomes. This will be followed by the presentation of ACCP awards to several of our very talented members, including the Parker Medal to Dr. Robert M. Elenbaas for his distinguished service to the profession of pharmacy. The new ACCP fellows will also be inducted during the Opening General Session. Other highlights of the meeting will include the always-exciting semifinals and finals of the Clinical Pharmacy Challenge, multiple curricular tracks, the always-cutting-edge PRN focus sessions, student- and resident-focused content, scientific posters and papers including the Great Eight on Monday, and the always-popular PRN business meetings and networking forums on Monday and Tuesday evenings. See you in Albuquerque!



PRN ELECTIONS

PRN Election Results Announced

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

2013–2014 PRN OFFICERS

Adult Medicine: Rolee Pathak, Chair; Jacqueline Olin, Chair-Elect; Diane Rhee, Secretary/Treasurer

Ambulatory Care: M. Shawn McFarland, Chair; Brian Irons, Chair-Elect; Emily McCoy Armstrong, Secretary; Katy Kiser, Treasurer

Cardiology: Shannon W. Finks, Chair; Douglas Jennings, Chair-Elect; Toni L. Ripley, Secretary/Treasurer

Central Nervous System: Chad VanDenBerg, Chair; Ronald Charles Reed, Chair-Elect; Leigh Anne Nelson, Secretary/Treasurer

Clinical Administration: Charlene A. Hope, Chair; Kyle Townsend, Chair-Elect; Angela Smith, Secretary/Treasurer

Critical Care: Mitchell Buckley, Chair; Christopher Paciullo, Chair-Elect; Pamela Smithburger, Secretary/Treasurer

Drug Information: Sabrina Cole, Chair; Cathy H. Ficzer, Chair-Elect; Jamie N. Brown, Secretary/Treasurer

Education and Training: Kristi Kelley, Chair; Sarah Nisly, Chair-Elect; Lori Hornsby, Secretary/Treasurer

Emergency Medicine: Mary Beth Shirk, Chair; Kyle Weant, Chair-Elect; Darrel Hughes, Secretary/Treasurer

Endocrine and Metabolism: Nicole R. Pinelli, Chair; Jessica M. Trompeter, Chair-Elect; Lisa Chastain, Secretary/Treasurer

Geriatrics: Matthew A. Cantrell, Chair; Jena Ivey Burkhart, Chair-Elect; Amber N. McLendon, Secretary/Treasurer

GI/Liver/Nutrition: April Smith, Chair; Edward Scott Lozano, Chair-Elect; Michael Smith, Secretary/Treasurer

Health Outcomes: Radha Manian, Chair; Kari L. Olson, Chair-Elect; Karen L. Smith, Secretary/Treasurer

Hematology/Oncology: Christy Harris, Chair; Christine Walko, Chair-Elect; Jocelyn Mohs, Secretary/Treasurer

Immunology/Transplantation: James Thielke, Chair; Reed Hall, Chair-Elect; Lindsey Pote, Secretary/Treasurer

Infectious Diseases: Sandy Estrada, Chair; P. Brandon

Bookstaver, Chair-Elect; Dhara Shah, Secretary/Treasurer

Nephrology: Katie Cardone, Chair; Anne Marie Liles, Chair-Elect

Pain and Palliative Care: Karen Marlowe, Chair; Amanda McFee Winans, Chair-Elect;

Jayne Pawasauskas, Secretary/Treasurer

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

Pharmaceutical Industry: Sandra L. Chase, Chair; Maggie Murphy, Chair-Elect; Brian P. Simmons, Secretary/Treasurer

Pharmacokinetics/Pharmacodynamics/Pharmacogenomics: Kuo Yang, Chair; Gamal Hussein, Chair-Elect; Paul Beringer, Secretary/Treasurer

Women's Health: Christina M. Madison, Chair; Sally Rafie, Chair-Elect; Brooke Griffin, Secretary/Treasurer; Mary E. Temple, Public Policy Liaison

PRN FOCUS SESSIONS

PRNs to Present Educational Focus Sessions at the 2013 Annual Meeting

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

Monday, October 14, 2013

1:30 p.m.–3:30 p.m. (MDT)

Cardiology PRN Focus Session—High-Risk Patients and High-Risk Medications: Role of the Cardiovascular Clinical Pharmacist

Clinical Administration PRN Focus Session—Advancing the Pharmacy Practice Model Through Effective Staff Development Strategies

Drug Information PRN Focus Session—Is There a Pharmacy App for That? Review and Critique of Electronic Drug Information Applications

Hematology/Oncology PRN Focus Session—Cancer as a Chronic Disease: Implications for All Pharmacists

Infectious Diseases PRN Focus Session—Difficult-to-Treat Infections

3:45 p.m.–5:45 p.m. (MDT)

Adult Medicine PRN Focus Session—All Things Statin!

Endocrine and Metabolism PRN Focus Session—Managing the Complications of Insulin Resistance: Glycemic

Control and Beyond

Immunology/Transplantation PRN Focus Session—Demystifying Clinical Immunology and Transplantation: Handy Pearls for the Everyday Clinician

Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN Focus Session—Applying Pharmacogenetics to Patient Care

Women's Health PRN Focus Session—Myth or Fact? Common Controversies in Women's Health

Tuesday, October 15, 2013

10:15 a.m.–12:15 p.m. (MDT)

Central Nervous System PRN Focus Session—Hot Topics in Neurology and Psychiatry

Pain and Palliative Care PRN and Geriatrics PRN Focus Session—A Side Dish of Pain with Aging: Managing Chronic Noncancer Pain Safely and Effectively in High-Risk Populations

1:15 p.m.–3:15 p.m. (MDT)

Ambulatory Care PRN and Pain and Palliative Care PRN Focus Session—Does Management of Chronic Pain Have to Be Such a Pain? A Primer on Implementation of Clinical Pharmacy Services in Chronic Pain Management

Critical Care PRN Focus Session—Pro/Con Debate: Optimal ICU Sedation Management

Emergency Medicine PRN Focus Session—The Great Disappearing Act: Drug Shortages and Emergency Medicine

GI/Liver/Nutrition PRN Focus Session—New Advances and Controversies in Nutrition

Pharmaceutical Industry PRN Focus Session—Drugs, Biologics, & Biosimilars: Sorting It All Out

3:30 p.m.–5:30 p.m. (MDT)

Ambulatory Care PRN Focus Session—Patient-Centered Medical Home (PCMH) and the Clinical Pharmacist: Three Different Perspectives

Education and Training PRN Focus Session—Incorporating Learners into Your Practice and Scholarship

Nephrology PRN Focus Session—Anemia of Renal Disease: Current and Emerging Therapeutic Approaches and Controversies

Pediatrics PRN Focus Session—Little Patients, Big Dilemmas: Updates in Pediatrics

PRNS TO HOST BUSINESS MEETINGS AND NETWORKING FORUMS AT 2013 ANNUAL MEETING

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

**Monday, October 14, 2013
6:00 p.m.–9:00 p.m. (MDT)**

Ambulatory Care PRN Business Meeting and Networking Forum

Participants will join colleagues for an interactive, informative, yet fun-filled hour and a half of activities, including several activities designed to update them on the PRN's state of affairs while networking and sharing with fellow PRN colleagues. Members will not want to miss this forum. Grab a friend and come on out to connect with the Ambulatory Care PRN!

Central Nervous System PRN Business Meeting and Networking Forum

Please join the Central Nervous System PRN business meeting and networking forum. Discussion will include activities, educational needs, and ACCP updates. All who are interested in neurology and psychiatry are also welcome. Appetizers and beverages will be available for your nourishment and enjoyment!

Clinical Administration PRN Business Meeting and Networking Forum

We invite those transitioning to a new position or considering a larger leadership role within their current position—as well as seasoned clinical leaders—to join our PRN business meeting and networking forum. Light appetizers and refreshments will be served.

Drug Information PRN Business Meeting and Networking Forum

The Drug Information PRN will hold a business meeting and networking forum for current and prospective members. The meeting will include an update of PRN activities as well as an opportunity to meet the officers and other PRN members and become involved with the PRN.

Education and Training PRN Business Meeting and Networking Forum

The Education and Training PRN business meeting and networking forum will include an update of PRN activities and an opportunity to meet the officers and other PRN members and become involved.

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

GI/Liver/Nutrition PRN Business Meeting and Networking Forum

The meeting will consist of business pertaining to the GI/Liver/Nutrition PRN and will include networking opportunities in addition to a presentation of the Travel Award recipients. Another presentation will be given on the topic of glycemic control.

Hematology/Oncology PRN Business Meeting and Networking Forum

The Hematology/Oncology PRN business meeting will consist of discussions about committee accomplishments, PRN Student/Resident Travel Awards, PRN paper status, and additional PRN general business. The Resident/Fellow of the Year will present his or her project. In addition, the new officers will be introduced, and volunteers for committees will be solicited.

Immunology/Transplantation PRN Business Meeting and Networking Forum

Current and prospective members of the Immunology/Transplantation PRN are welcome to join our business meeting and networking forum. The business meeting will consist of installing new officers, discussing current and future PRN initiatives, and honoring the recipient of our PRN Resident/Fellow Travel Award. The meeting will conclude with presentations by the recipients of the PRN Resident/Fellow Travel Awards. The presentations will consist of a brief review of each recipient's research.

Pharmaceutical Industry PRN Business Meeting and Networking Forum

Please join us for the PRN Travel Award presentations. After the recipients present their research, a brief

business meeting will take place, with networking opportunities to follow. Snacks and beverages will be provided.

Pharmacokinetics/Pharmacodynamics/ Pharmacogenomics PRN Business Meeting and Networking Forum

Please join us for the PRN Travel Award presentations. After the recipients present their research, a brief business meeting will take place, with networking opportunities to follow. Snacks and beverages will be provided.

Women's Health PRN Business Meeting and Networking Forum

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

Tuesday, October 15, 2013
6:00 p.m.–9:00 p.m. (MDT)

Adult Medicine PRN Business Meeting and Networking Forum

Join us for the Adult Medicine PRN business meeting and networking session while you enjoy appetizers and beverages. During the meeting, you will have the opportunity to interact with your colleagues and the PRN officers, as well as to sign up for committees within the PRN.

Cardiology PRN Business Meeting and Networking Forum

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

Critical Care PRN Business Meeting and Networking Forum

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

Emergency Medicine PRN Business Meeting and Networking Forum

Join the Emergency Medicine PRN at our annual

business meeting. We will present our activities from the previous year and begin planning for upcoming events in 2013 and 2014. If you would like to become more involved with the PRN (perhaps join a committee) or just learn more about our activities, please plan to attend and bring a colleague.

Endocrine and Metabolism PRN Business Meeting and Networking Forum

How much do you know about hot topics in endocrinology and metabolism? Come put your knowledge and creativity to the test and meet our members! New and current members who bring a friend will score more points for their team. Don't miss out on the fun! Join the Endocrine and Metabolism PRN for our networking forum and annual business meeting. Appetizers and beverages will be provided.

Geriatrics PRN Business Meeting and Networking Forum

Please join the Geriatrics PRN for an informal reception of networking, planning, and socializing. Those with an interest in the care of older adults, including students and residents, are welcome to attend. Light snacks and beverages will be served.

Health Outcomes PRN Business Meeting and Networking Forum

Please join the Health Outcomes PRN for a business meeting and networking session. Light appetizers will be served. The meeting is open to current members as well as to others interested in the field of health outcomes.

Infectious Diseases PRN Business Meeting and Networking Forum

This will be a business and networking event for Infectious Diseases PRN members. Students and residents who were supported by the PRN will briefly present their research.

Nephrology PRN Business Meeting and Networking Forum

All ACCP members interested in nephrology are invited to attend and participate in this networking forum. A brief business report, which includes a discussion of current and future initiatives, will be followed by research presentations from the Nephrology PRN Travel Award recipients. The meeting closes with an open forum and networking opportunities. Snacks and beverages will be provided.

Pain and Palliative Care PRN Business Meeting and Networking Forum

Participants attending the Pain and Palliative Care PRN business meeting will hear up to three invited speakers (one student and two residents) present on current topics related to pain and/or palliative care. Current topics in pain and palliative care will be further discussed at the business meeting.

Pediatrics PRN Business Meeting and Networking Forum

The Pediatrics PRN business meeting and networking forum will include discussions of the PRN financial report, ACCP Board report, ACCP PBRN, ACCP Frontiers Fund, committee reports, travel award, education collaboration, nominations, and board certification. In addition, the recipient of the Pediatrics PRN Travel Award will give a presentation.



PRN NEWS BRIEFS

Adult Medicine PRN

The Adult Medicine PRN consists of practitioners, residents, and students with an interest in shaping the practice of adult medicine in a variety of inpatient and outpatient settings. The PRN currently has more than 1000 members with diverse research, practice, education, and training experiences. The following items highlight some of the Adult Medicine PRN's activities and member accomplishments.

Promotions

Grant Sklar, Pharm.D., BCPS, was promoted to associate professor of pharmacy at the National University of Singapore.

Mike Smith, Pharm.D., was promoted to assistant professor of clinical pharmacy, Department of Pharmacy Practice and Pharmacy Administration, Philadelphia College of Pharmacy, University of the Sciences.

Awards

Sarah L. Anderson, Pharm.D., BCPS, received the 2013 Colorado Distinguished Young Pharmacist Award.

Mary Bridgeman, Pharm.D., BCPS, CGP, received the Preceptor of the Year Award from the New Jersey Society of Health-System Pharmacists at their annual meeting in April.

Paul P. Dobesh, Pharm.D., FCCP, BCPS (AQ Cardiology), was honored with the Outstanding Teaching Award from the University of Nebraska Medical Center.

Next week, at the Adult Medicine PRN business meeting, several of our members will be recognized with one of the following PRN-specific awards: New Practitioner, Student Research, Resident Research, Clinical Practice, and Distinguished Investigator. The award winners will be announced at our business meeting in Albuquerque.

Publications

Anderson SL, Marrs JC, Vande Griend JP, Hanratty R. Implementation of a clinical pharmacist specialist-managed telephonic hospital discharge follow-up program in a patient-centered medical home. *Popul Health Manag* 2013 Mar 28. [Epub ahead of print]

Anderson SL. Navigating the pharmacy residency interview process [editorial]. *JHPR* 2013;1:1-3.

Bridgeman MB, Friia NJ, Taft C, Shah M, Mirabegron: beta3-adrenergic receptor agonist for the treatment of overactive bladder. *Ann Pharmacother* 2013;47:1029-38.

Dobesh PP, Beavers CJ, Herring HR, Spinler SA, Stacy ZA, Trujillo TC. Key articles and guidelines in the management of acute coronary syndrome and in percutaneous coronary intervention: 2012 update. *Pharmacotherapy* 2012;32:e348-e386.

Dobesh PP, Trujillo TC, Finks SW. Role of the pharmacist in achieving performance measures to improve the prevention and treatment of venous thromboembolism. *Pharmacotherapy* 2013;33:650-64.

Lourwood DL, Forinash AB. Chronic diseases in pregnancy. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2013 Book 2. Special Populations*. Lenexa, KS: American College of Clinical Pharmacy, 2013:101-25.

Pitman SK, Farley TM, Catney CM, Weetman DB. Integrating pharmacy students into medication reconciliation through a volunteer program. *Am J Health Syst Pharm* 2013;70:1012-3.

Reffert JL, **Resman-Targoff BH.** Review of Schenck-Gustafsson K, DeCola PR, Pfaff DW, Pisetsky DS, eds. *Handbook of Clinical Gender Medicine* [book review]. *Ann Pharmacother* 2013;47:911.

Woods JA, Nealy KL, Barrons RW. Aclidinium bromide: an alternative long-acting inhaled anticholinergic in the management of chronic obstructive pulmonary disease. *Ann Pharmacother* 2013;47:1017-28.

New ACCP Fellows

- Michele Splinter, Pharm.D., BCPS
- Zachary Stacy, Pharm.D., BCPS
- Jeffrey Stroup, Pharm.D., BCPS
- Toby Trujillo, Pharm.D., BCPS
- Nancy Yunker, Pharm.D., BCPS

Other Notable Achievements

Sarah L. Anderson, Pharm.D., BCPS, was elected to the Colorado Pharmacists Society Board of Directors.

Leslie Richard, Pharm.D., received board certification in geriatrics.

Mike Smith, Pharm.D., was accepted into the ICAAC ID Fellows Grant Program.

Ambulatory Care PRN

Membership Accomplishments

Promotions

Jay D. Currie was named chair, Department of Pharmacy Practice and Science, at the University of Iowa College of Pharmacy.

Eric MacLaughlin was recently appointed interim-chair of the Pharmacy Practice Department at the Texas Tech University Health Sciences Center School of Pharmacy.

Eric Ip was recently appointed interim-chair of the Pharmacy Practice Department at Touro University California College of Pharmacy.

Awards

Bob Talbert of the University of Texas was recognized by ASHP with the Sustained Contributions Reviewer award.

Michelle Zingone Farland of the University of Tennessee College of Pharmacy is to receive the University of Pittsburgh School of Pharmacy Alumni Rising Star Award.

John Moorman with the Endocrinology Department, Akron General Medical Center, received the Ohio Society of Health-System Pharmacists Health-System Pharmacist of the Year Award.

Eric Ip was awarded the 2013 Touro University California College of Pharmacy Professor of the Year.

Dave Dixon received the Outstanding Preceptor Award from the Virginia Commonwealth University School of Pharmacy.

Andrew Smith of the University of Missouri-Kansas City

School of Pharmacy received UMKC's Health-System Pharmacy Service Award and its Class of 2013 Teacher of the Year.

Sarah Anderson with the Skaggs School of Pharmacy and Pharmaceutical Sciences received the Colorado Distinguished Young Pharmacist Award.

Evan Williams, Husson University School of Pharmacy, was named Husson's 2012-2013 Teacher of the Year.

Grants

Shannon Reidt received two grants for her work titled "Transition of Care Model: Following Patients 'All the Way Home'": University of Minnesota College of Pharmacy New Direction in Research, \$15,000; and NABP/AACP District V Research Grant, \$3000.

Publications

- Maxwell L, McFarland MS. Clinical utility and tolerability of linagliptin in diabetic patients. *Drug Healthc Patient Saf* 2013;5:67-78.
- Farland MZ, Byrd DC, McFarland MS, Thomas J, Franks AS, George CM, Gross BN, Guirguis AB, Suda KJ. Pharmacist-physician collaboration for diabetes care: the Diabetes Initiative Program. *Ann Pharmacother* 2013;47:781-9.
- Goldman-Levine JD. Canagliflozin: a new drug for type 2 diabetes. *Diabetes Self Manag* 2013;Jul/Aug:30-2.
- Dvorkin Camiel L, Goldman-Levine JD. Herbal products for the treatment of type 2 diabetes. *Pract Diabetol* 2013;32:25-30.
- SPS3 Investigators. Effects of clopidogrel added to aspirin in patients with recent lacunar stroke. *N Engl J Med* 2012;367:817-25.
- SPS3 Investigators. Blood-pressure targets in patients with recent lacunar stroke: the SPS3 randomised trial. *Lancet* 2013.
- White CL, Pergola PE, Szychowski JM, Talbert RL, Cervantes-Arriaga A, Clark HD, Del Brutto OH, Godoy IE, Hill MD, Pelegri A, Sussman CR, Taylor AA, Valdivia J, Anderson DC, Conwit RA, Benavente OR; for the SPS3 Investigators. Blood pressure after recent stroke: baseline findings from the secondary prevention of small subcortical strokes trial. *Am J Hypertens* (doi:10.1093/ajh/hpt076).
- Hart RG, Pearce LA, Bakheet MF, Benavente OR, Conwit RA, McClure LA, Talbert RL, Anderson DC. Predictors of stroke recurrence in patients with

recent lacunar stroke and response to interventions according to risk status: Secondary Prevention of Small Subcortical Strokes trial. *J Stroke Cerebrovasc Dis*, Official Journal of the National Stroke Association, June 2013 (doi:10.1016/j.jstrokecerebrovasdis.2013.05.021).

- Farland MZ, Peters CJ, Williams JD, Bielak KM, Heidel RE, Ray SM. Beta-blocker use and incidence of chronic obstructive pulmonary disease exacerbations. *Ann Pharmacother* 2013;47:651-6.
- Farland MZ, Byrd DC, McFarland MS, Thomas J, Franks AS, George CM, Gross B, Guirguis AB, Suda KJ. Pharmacist-physician collaboration for diabetes care: the diabetes initiative program. *Ann Pharmacother* 2013;47:781-9.
- Farland MZ, Sicat BL, Franks AS, Pater KS, Medina MS, Persky AM. Best practices for implementing team-based learning in pharmacy education. *Am J Pharm Educ* 2013. In press.
- Farland MZ. Hypertension. In: Ellis AW, Sherman J, eds. *Community and Clinical Pharmacy Services: A Step-by-Step Approach*. New York: McGraw-Hill, 2013:253-75.
- Ip EJ, Shah BM, Yu J, Chan J, Nguyen LT, Bhatt DC. Enhancing diabetes care by adding a pharmacist to the primary care team. *Am J Health Syst Pharm* 2013;70:877-86.
- Ip EJ, Bui QV, Barnett MJ, Kazani A, Wright R, Serino MJ, Perry PJ. The effect of trazodone on standardized field sobriety tests. *Pharmacotherapy* 2013;33:369-74.
- Salvo M, Holle L, Dang K. The written communication. In: Lauster CD, Srivastava SB, eds. *Fundamental Skills for Patient Care in Pharmacy Practice*. New York: Jones & Bartlett, 2013:65.
- Salvo M, Nigro SC, Ward D. Pharmacist-generated electronic consults to improve hypertension management in a federally qualified health center. *Inform Prim Care* 2013;20:181-4.
- Dixon DL, Sisson EM. Lipid management update. Presented at the 2013 Annual Meeting, American Association of Diabetes Educators.
- Kelly M, Dixon D. Description of a cardiologist-pharmacist collaboration to improve blood pressure in an ambulatory cardiology clinic. Poster abstract to be presented at the American College of Clinical Pharmacy Annual Meeting; October 2013; Albuquerque, NM.
- 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*. In press.

- Smith AJ, Hill J. Metformin in patients with diabetes mellitus and heart failure. *Cardiol Today*. August 2013.
- Anderson SL, Marrs JC, Vande Griend JP, Hanratty R. Implementation of a clinical pharmacist specialist-managed telephonic hospital discharge follow-up program in a patient-centered medical home. *Popul Health Manag* 2013 Mar 28. [Epub ahead of print]
- Anderson SL. Navigating the pharmacy residency interview process [editorial]. *JHPR* 2013;1:1-3.
- Thurston MM, Huston S, Bourg CA, Phillips BB, Ryan GJ. Impact of health literacy on aspects of medication nonadherence reported by underserved patients with type 2 diabetes. Poster abstract to be presented at the ACCP Annual Meeting; October 2013; Albuquerque, NM.
- Armor B, Bulkley CF, Truong T, Carter SM. Evaluation of identified drug-related problems by fourth-year student pharmacists in an academic-based, primary care patient-centered medical home. *AJPE* 2013. Accepted August 2, 2013.
- Medina M, Yuet WC. Promoting academic integrity among health care students. *Am J Health Syst Pharm* 2013;70:754-7.
- Koffarnus RL, Mican LM, Lopez DA, Barner J. Evaluation of an inpatient psychiatric hospital intervention and adherence to American Diabetes Association practice recommendations. *JHPR* [Internet] 2013;2:1-8. Available at https://jhpr.org/wp-content/uploads/2013/07/JHPR_Koffarnus-v2.pdf.
- Koffarnus RL, Wargo KA, Phillippe HM. Rivoglitazone: a new thiazolidinedione for the treatment of type 2 diabetes mellitus. *Ann Pharmacother* 2013;47:877-85.

New Fellows

The following will be named ACCP Fellows at the Annual Meeting in Albuquerque:

- Juliana Chan
- Alicia Forinash
- Candice Garwood
- Samuel Johnson
- Sarah McBane
- Toby Trujillo
- Sarah Westberg
- Alan Zillich

Eric MacLaughlin was named a fellow of ASHP.

Other Notable Achievements

Kim Thrasher, nominated for ACCP secretary, has made the ballot for 2014.

Bob Talbert was named a member of the Therapeutic Information and Support Expert Committee with the U.S. Pharmacopeial Convention.

Tyler Harris Gums started a fellowship under Barry Carter at the University of Iowa College of Pharmacy.

Leslie Richard became board certified in geriatrics.

Eric Ip published “Dr. Ipster’s Cardiology Review”; iPhone/iPad App in iTunes store

Dave Dixon accepted a 3-year term on the Editorial Board for iForumRx.org.

Sarah Anderson was elected to the Colorado Pharmacists Society Board of Directors.

Catherine Bourg was selected as a University of Georgia teaching fellow and will be presenting at the ASHP National Pharmacy Preceptors Conference in Washington, D.C.

Lori Miyashiro received BC-ADM certification.

Sean Stewart passed the clinical lipid specialist examination.

Cardiology PRN

Introduction

The ACCP Cardiology PRN was recently involved in the role delineation process for the consideration of cardiology as a separate certification by the Board of Pharmacy Specialties. In addition, we have been further developing our fundraising efforts to ensure that the withdrawal of industry support does not hinder our ability to fund seed grants, student/resident travel awards, and various other important projects for our PRN. We are looking forward to our second fundraising event at the 2013 ACCP Annual Meeting in Albuquerque.

Promotions

Tina Denetclaw advanced to clinical professor, Department of Clinical Pharmacy, School of Pharmacy, University of California at San Francisco.

Craig R. Lee was promoted to associate professor of pharmacy (with tenure), Division of Pharmacotherapy and Experimental Therapeutics, University of North Carolina Eshelman School of Pharmacy.

Awards

Sarah Gaffney received the 2012 Virginia Society of Health-System Pharmacists Clinical Pharmacy Practice Achievement Award.

Grants

Johnson SG. Pharmacy Resident Practice-Based Research Grant for CYP2C19 Pilot Study. ASHP Research and Education Foundation. Role: Senior investigator

Tisdale JE. Sensitivity to drug-induced QT-interval lengthening in patients with heart failure with preserved left ventricular ejection fraction. Center of Excellence in Cardiovascular Research (CECARE), Indiana Clinical Translational Sciences Institute (CTSI), Indiana University (IU) School of Medicine, and IU Health. \$160,000. November 1, 2012 – October 31, 2014. Role: Principal investigator

Publications

O’Gara PT, Kushner FG, Ascheim DD, Casey DE, Chung MK, de Lemos JA, Ettinger SM, Fang JC, Fesmire FM, Franklin BA, Granger CB, Krumholz MH, Linderbaum JA, Morrow DA, Newby LK, Ornato JP, **Ou N**, Radford MJ, Tamis-Holland JE, Tommaso CL, Tracy CM, Woo RY, Zhao DX. 2013 ACCF/AHA guideline for the management of ST-elevation myocardial infarction: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. *J Am Coll Cardiol* 2013;61:e78-140.

Adams AS, Uratsu C, Dyer W, Magid D, O’Conner P, Beck A, **Butler MG**, Ho M, Schmittiel J. Antihypertensive adherence among a diverse cohort of newly treated patients. *Arch Intern Med* 2012;1-8.

Byrd JB, Powers JD, Magid DJ, Tavel H, Schmittiel J, O’Connor P, Margolis K, Beck A, **Butler MG**, Ho M. Detection and recognition of hypertension in anxious and depressed patients. *J Hypertens* 2012;30:2293-8.

Chow SL. Heart failure with preserved ejection fraction. In: Murphy J, Lee M, eds. *Pharmacotherapy Self-Assessment Program, 2013 Book 1. Cardiology and Endocrinology*. Lenexa, KS: American College of Clinical Pharmacy, 2013:153-72.

Wang JSC, Kovanez I, Vernet D, Nolzco G, Kopchok GE, **Chow SL**, White RA, Gonzalez-Cadavid NF. Effects of sildenafil and/or muscle derived stem cells on myocardial infarction. *J Transl Med* 2012;10:1-11.

LaForest SK, **Chow SL**, **DiDomenico R**, Dracup K, **Ensor C**, Gattis-Stough W, Heywood JT, Lindenfeld J, **Page RL**, 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. In press. Co-publication in *J Card Fail Pharmacother*. April 2013.

Johnson SG. Clinical pharmacogenomics: potential impact on cardiovascular disease outcomes. In: Page RL, Murphy JM, et al., eds. *Pharmacotherapy Self-Assessment Program*, 2013. Lenexa, KS: American College of Clinical Pharmacy, 2013.

Dobesh PP, Beavers CJ, Herring HR, Spinler SA, Stacey ZA, Trujillo TC. Key articles and guidelines in the management of acute coronary syndrome and in percutaneous coronary intervention: 2012 update. *Pharmacotherapy* 2012;32:e348-86.

Stover R, Lane MA, Gokun Y, Elayi SC, Macaulay TE, **Beavers CJ**, Knight J. Sotalol versus amiodarone in atrial arrhythmias: impact of renal insufficiency and ejection fraction. Presented at the ASHP Annual Midyear Meeting; 2012; Las Vegas, NV.

Tisdale JE. Arrhythmias. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, Malone PM, Kolesar JM, DiPiro JT, eds. *Pharmacotherapy Principles and Practice*, 3rd ed. New York: McGraw-Hill, 2013:169-95.

Mohamed AN, Abdelhady AM, Spencer D, Sowinski KM, **Tisdale JE**, Overholser BR. Pharmacokinetic modeling and simulation of procainamide and *N*-acetylprocainamide in a patient receiving CRRT: a novel approach to guide renal dose adjustments. *Am J Kidney Dis* 2013. In press.

Hollands JM, Gowan M, Riney JN, Deal EN, Kates AM. Role of new drugs for management of atrial fibrillation. *Ann Pharmacother* 2012;46:1656-70.

Lalama J. Arrhythmias. In: Attridge RL, Miller ML, Moote R, Ryan L, eds. *Internal Medicine: A Guide to Clinical Therapeutics*. New York: McGraw-Hill, 2013:25.

Lalama J, Lewis PM, Gore J, Tran MT, Donovan J. How one academic medical center has managed potency changes with unfractionated heparin. *J Thromb Thrombolysis* 2012. [Epub ahead of print]

Young SK, Riding D, Antonio ME, Al-Mondhiry MA. Efficacy of a nurse-managed argatroban dose-adjustment protocol in a university teaching hospital. *Hosp Pharm* 2012;47:712-20.

McConnell KJ, Shaw PB. Cardiovascular complications in patients with diabetes. In: Murphy J, Lee M, eds. *Pharmacotherapy Self-Assessment Program*, 2013 Book 1. Cardiology and Endocrinology. Lenexa, KS: American College of Clinical Pharmacy, 2013:25-48.

McConnell KJ, Delate T, Newlon CL. Impact of continuing

professional development versus traditional continuing pharmacy education on learning behaviors. *J Am Pharm Assoc* 2012;52:742-52.

Sobieraj DM, White WB, **Baker WL.** Cardiovascular effects of pharmacologic therapies for smoking cessation. *J Am Soc Hypertens* 2013;7:61-7.

Baker WL, Marrs JC, Davis LE, Nutescu EA, Rowe AS, Ryan M, Splinter MY, Vardeny O, Fagan SC. Key articles and guidelines in the primary prevention of ischemic stroke. *Pharmacotherapy* 2013 Feb 11 (doi:10.1002/phar.1252).

Baker WL, Marrs JC, Davis LE, Nutescu EA, Rowe AS, Ryan M, Splinter MY, Vardeny O, Fagan SC. Key articles and guidelines in the acute management and secondary prevention of ischemic stroke. *Pharmacotherapy* 2013 Feb 11 (doi:10.1002/phar.1252).

Denetclaw TH, Cefalu P, Manila LL, Panagotacos JJ. Needs analysis for educating community pharmacists to interface with prehospital stroke chain of survival. *J Stroke Cerebrovasc Dis* 2012 Dec 14. [Epub ahead of print]

Theken KN, Schuck RN, Edin ML, Tran B, Ellis K, Bass A, Lih FB, Tomer KB, Poloyac SM, Wu MC, Hinderliter AL, Zeldin DC, Stouffer GA, **Lee CR.** Evaluation of cytochrome P450-derived eicosanoids in humans with stable atherosclerotic cardiovascular disease. *Atherosclerosis* 2012;222:530-6.

Marczak ED, Marzec J, Zeldin DC, Kleeberger SR, Brown NJ, Pretorius M, **Lee CR.** Polymorphisms in the transcription factor NRF2 and forearm vasodilator responses in humans. *Pharmacogenet Genomics* 2012;22:620-8.

Crossman S, Stevens M, Ryan M, Mack D, **Dixon D.** Interprofessional global service learning through HOMBRE (Honduras Outreach Medical Brigade Relief Effort). Presented at the Jewell and Carol Emswiler Interprofessional Symposium; 2013; Richmond, VA.

Dixon DL, Lyles A, Sicut BL, Lee B, Rybarczyk B, Lord B. Interprofessional Team-Based Learning Module: Anticoagulation. *MedEdPORTAL* 2013. Available at www.mededportal.org/publication/.

Siskey J, Lyles A, **Dixon DL.** Beta-Blockers and Hypertension, Where Is the Data? *iForumRx.org*, December 2012. Available at <http://iforumrx.com/index.php?q=node/136>.

Finks SW, Rogers KC, Oliphant CS. Ischemic heart disease. In: Gourley DR, Eoff JC, eds. *American Pharmacists Association Complete Review for Pharmacy*, 10th ed. Washington, DC: American Pharmacists Association, 2013:315-47.

Norman JL, Holmes WL, Bell WA, **Finks SW.**

Life-threatening ACE inhibitor induced angioedema after eleven years on lisinopril [case report]. *J Pharm Pract* 2012 Nov 25. [Epub ahead of print]

Other Notable Achievements

Sheryl L. Chow was elected a fellow of the American Heart Association (FAHA).

Samuel G. Johnson was appointed to the ACCP Task Force on Practice Innovation, 2012–2013.

Samuel G. Johnson was appointed faculty panel chair (*Cardiology* book) of the Ambulatory Care Self-Assessment Program (ACSAP). Dong B, Elliott D, eds.

Samuel G. Johnson was installed as the inaugural Institute of Medicine anniversary fellow in Pharmacy, 2012–2014.

Craig Beavers is starting a 3-year council position on the Cardiovascular Team Council for the American College of Cardiology Foundation.

Barbara Wiggins was asked to serve on the Editorial Board of *Clinical Cardiovascular Drugs*.

Barbara Wiggins was appointed to the Council on Clinical Practice of the American College of Cardiology.

Mary Parker was installed in October as the 2013 president of the North Carolina Association of Pharmacists.

Augustus (Rob) Hough and **David Parra** developed and released a tutorial and interactive smartphone (iPhone/iPad, Android) application on using plasma renin activity to guide antihypertensive therapy. The app is available to the public free of charge and can be accessed at <https://itunes.apple.com/us/app/practice-and-htn/id601765986?mt=8> for the iPhone/iPad.

Dave L. Dixon passed the examination for certification as a Clinical Lipid Specialist (CLS), and he was awarded Diplomate status with the Accreditation Council for Clinical Lipidology.

Dave L. Dixon received a resource development award of \$2000 from the Association of American Medical Colleges and the Interprofessional Education Collaborative for developing an interprofessional team-based learning module on anticoagulation.

Central Nervous System PRN

Jack J. Chen:

Appointments

Appointed director of scholarly activities, Department of Pharmacotherapy and Outcomes Science, School of Pharmacy, Loma Linda University.

Awards

Named 2013 Teacher of the Year by Loma Linda University School of Pharmacy.

Publications

Chen JJ, Marsh L. Anxiety in Parkinson's disease: identification and management. *Ther Adv Neurol Disord*. Published Online: July 17, 2013 (doi:10.1177/1756285613495723).

Chen JJ, Marsh L. Depression in Parkinson's disease: identification and management. *Pharmacotherapy*. Published Online: June 24, 2013 (doi:10.1002/phar.1314).

Chen JJ, Dashtipour K. Abo-, inco-, ona-, rima-botulinum toxins: a primer. *Pharmacotherapy* 2013;33:304-18.

James Cloyd:

Appointments

FDA Advisory Committee on Pharmaceutical Science and Clinical Pharmacology

Grants

Department of Defense. Identifying New Therapies for Infantile Spasms. Galanopoulou A (PI), **Cloyd JC** (Co-PI)

GlaxoSmithKline. Differential Pharmacological Effect of Ezogabine on Canine EEGs. **Cloyd JC** (PI)

Genzyme. Post-Pharm.D. Fellowship in Pharmacotherapy and Pharmacogenetics of Inherited Metabolic Disease. Utz J (PI), **Cloyd JC** (Co-PI)

Medtronic. Two-way Crossover of Oral and Intravenous Baclofen. Kriel R (PI), Krach L (Co-PI), **Cloyd JC** (Co-I)

Paralyzed Veterans of America. Two-way Crossover of Oral and Intravenous Baclofen. Kriel R (PI), **Cloyd JC** (Co-I)

Publications

Holmay MJ, Terpstra M, Coles LD, Mishra U, Ahlskog M, Oz G, **Cloyd JC**, Tuite PJ. *N*-acetylcysteine boosts brain and blood glutathione in Gaucher and Parkinson diseases. *Clin Neuropharmacol* 2013;36:103-6.

Clark AM, Kriel RL, Leppik IE, Marino SE, Mishra U, Brundage RC, **Cloyd JC**. Intravenous topiramate: comparison of pharmacokinetics and safety with the oral formulation in healthy volunteers. *Epilepsia* 2013;54:1099-105.

Ivaturi V, Kriel R, Brundage R, Loewen G, Mansbach H, **Cloyd J**. Bioavailability of intranasal vs. rectal diazepam. *Epilepsy Res* 2013;103:254-61.

Ahmed GF, Brundage RC, Marino SE, **Cloyd JC**, Leppik IE, Pennell PB, Ramsay RE, Birnbaum AK. Population pharmacokinetics of unbound and total drug concentrations

following intravenously administered carbamazepine in elderly and younger adult patients with epilepsy. *J Clin Pharmacol* 2013;53:276-84.

Clark AM, Kriel RL, Leppik IE, White JR, Henry TR, Brundage RC, **Cloyd JC**. Intravenous topiramate: safety and pharmacokinetics following a single dose in patients with epilepsy or migraines taking oral topiramate. *Epilepsia* 2013;54:1106-11.

Agarwal SK, Kriel RL, Brundage RC, Ivaturi VD, **Cloyd JC**. A pilot study assessing the bioavailability and pharmacokinetics of diazepam after intranasal and intravenous administration in healthy volunteers. *Epilepsy Res* 2013;105:362-7.

Clark J, Mondick J, **Cloyd J**, Zuppa A, Raol Y, Clancy R. Plasma topiramate concentrations from doses associated with neuroprotection against white matter injury and stroke in two strains of rat pups. *Pediatr Res* 2013;73:317-24.

Puranik YG, Birnbaum AK, Marino SE, Ahmed G, **Cloyd JC**, Rimmel RP, Leppik IE, Lamba JK. Association of carbamazepine major metabolism and transport pathway gene polymorphisms and pharmacokinetics in patients with epilepsy. *Pharmacogenomics* 2013;14:35-45.

Radtke KK, Coles LD, Mishra U, Orchard PJ, Holmay M, **Cloyd JC**. Interaction of *N*-acetylcysteine and cysteine in human plasma. *J Pharm Sci* 2012;101:4653-9.

Susan Fagan:

Awards

Named Distinguished Research Professor – University of Georgia

Jessica Gören:

Publications

Gören JL, Meterko M, Williams S, Young GJ, Baker E, Chou CH, Kilbourne AM, Bauer MS. Antipsychotic prescribing pathways, polypharmacy, and clozapine use in treatment of schizophrenia. *Psychiatr Serv* 2013;64:527-33.

Gören JL, Dinh TA. Psychotropics and sudden cardiac death. *R I Med J* 2013;96:38-41.

Other Notable Achievements

Symposium cochair and invited speaker, 11th Annual World Congress of Biological Psychiatry; June 24, 2013; Kyoto, Japan. Chair: Ritsner M; cochair: **Gören JL**. Polypharmacy in psychiatric practice

Gary Levin:

Appointments

Founding dean of Larkin University College of Pharmacy and chief academic officer, Larkin Hospital in South Miami, Florida

Bernice Man:

Awards

Currently a P3 student at Chicago State University College of Pharmacy; selected to be a 2013–2014 Chicago Area Schweitzer fellow

James L. Roerig:

Appointments

Promoted to full professor in the Department of Clinical Neuroscience, University of North Dakota School of Medicine

Awards

Outstanding Teacher of the Year – University of North Dakota School of Medicine and Health Sciences, Psychiatry Residency Training Program

Publications

Roerig JL, Steffen KJ, Zimmerman C, Mitchell JE, Crosby RD, Cao L. A comparison of duloxetine plasma levels in postbariatric surgery patients versus matched nonsurgical control subjects. *J Clin Psychopharmacol* 2013;33:479-84.

Roerig JL, Steffen K, Zimmerman C, Mitchell JE, Crosby RD, Cao L. Preliminary comparison of sertraline levels in post-bariatric surgery patients versus matched nonsurgical cohort. *Surg Obes Relat Dis* 2012;8:62-6.

Andrea Sikora:

Appointments

Currently a PGY1 pharmacy practice resident at UNC Hospitals

Awards

Lilly Achievement Award from the University of Georgia College of Pharmacy upon graduation this past May

Grants

American Transplant Foundation

Publications

Dr. Sikora (together with Drs. Hess and Fagan) has an article accepted for publication by

Frontiers in Neurotherapeutics this December. The title is “Minocycline Repurposing for Acute Cerebral Hemorrhage. Rational Basis for Clinical Translation in Stroke Therapy.”

Michele Y. Splinter:

Awards

Elected a Fellow of the American College of Clinical Pharmacy (FCCP), October 2013

Clinical Administration PRN

The Clinical Administration PRN continues to grow (now at 400 members) and has been actively pursuing a list of endeavors for 2013. The Programming/Focus Session Committee is working to address one of the main concerns voiced by members in our most recent survey. The program is titled “Advancing the Pharmacy Practice Model Through Effective Staff Development Strategies.”

The Research and Scholarship Committee is working on an application for a scholarship for students or residents to travel to the ACCP Annual Meeting and possibly to reimburse some BPS (Board of Pharmacy Specialties) examinations. Students are requesting a more active role in the PRN. This year was no exception, with three students and one resident attending the PRN meeting. It is exciting to see recent graduates enthusiastic about leadership in the clinical administration arena. The PRN is excited to continue developing young leaders through involvement in PRN activities.

The PRN has renewed dialogue with the Leadership Academy and is actively engaged in seeking topics, editors, and names of potential speakers for the Academy Newsletter and Certificate Program.

Notable Achievements

Kyle Townsend, Pharm.D., BCPS, was promoted in July 2013 from clinical manager to director, Pharmacy Services of Billings Clinic in Billings, Montana.

Richard Parrish, BSPHarm, Ph.D., BCPS, was promoted in November 2012 to clinical practice leader, Pharmacy for Alberta Health Services, based in Edmonton, Alberta. He will be inducted as a Fellow of ACCP at the Annual Meeting.

Publications

Lourwood DL, Forinash AB. Chronic diseases in pregnancy. In: Murphy JE, Lee MW, eds. *Pharmacotherapy*

Self-Assessment Program, 2013 Book 2. Special Populations. Lenexa, KS: American College of Clinical Pharmacy, 2013:101-26.

Critical Care PRN

Update: Issues of Interest to Membership

Provided by Stacy Voils, Pharm.D., BCPS

Recognition of Critical Care as a Specialty in Pharmacy

As you know by now, the Board of Pharmacy Specialties (BPS) approved the petition to establish critical care as a recognized specialty last spring. The nomination process to select critical members to serve on the Specialty Council recently closed, and the BPS Board of Directors reviewed the applications and announced the appointments in September. The council will convene for the first time on November 4–5, 2013. BPS will conduct the first item-writing session during the ASHP Midyear Clinical Meeting in December 2013, and the first examination is scheduled for administration in the fall of 2015. More information regarding the role of BPS Specialty Councils can be found at www.bpsweb.org/news/pr_050313.cfm.

Awards

Congratulations to the recipients of the following awards, to be presented at the ACCP 2013 Annual Meeting.

- Joseph Dasta, M.Sc.: ACCP 2013 Russell Miller Award
- Jeffrey Gonzales, Pharm.D., FCCM, BCPS: Critical Care PRN Education Award
- Scott Micek, Pharm.D., FCCP, BCPS: Critical Care PRN Research Award
- Amy Dzierba, Pharm.D., FCCM, BCPS: Critical Care PRN Clinical Practitioner Award
- Sandra Kane-Gill, Pharm.D., M.Sc., FCCP: Critical Care PRN Achievement Award

New Research Committee Update

Provided by: Pamela Smithburger, Pharm.D., BCPS

The Research Committee has developed and advertised a PRN Member Research Grant and a PGY2 Critical Care Research Grant. The PRN member grant of \$5000 was developed to support travel and/or necessary expenditures for an ACCP Critical Care PRN member to conduct and present research findings at the ACCP Annual Meeting. The deadline for submission of application materials was August 1, 2013. The recipient of the grant will be announced at the 2013 ACCP Critical Care

PRN business meeting. The PRN PGY2 Research Grant of \$1500 was developed to support travel and/or necessary expenditures for a PGY2 critical care resident to conduct and present research findings at the ACCP Annual Meeting. The purpose of the Resident Research Grant is to increase PGY2 involvement in clinical research and Critical Care PRN activity.

Drug Information PRN

Awards

Phillips J. Illinois Council of Health-System Pharmacy Outstanding Volunteer Award (2012)

Grants

Bratbert J, Caffrey AR, Feret B, Kogut S, LaPlante KL, Lemay G, Orr KK, **Ward KE.** Addressing educational and coordination barriers for adult pneumococcal prevention in Rhode Island. Objective: To provide adult immunization education and coordinate vaccination efforts among health care providers to improve the pneumococcal vaccination in Rhode Island. Kristina Ward was a coinvestigator for this \$703,993 grant sponsored by Pfizer Medical Education Group.

Phillips J. Midwestern University Chicago College of Pharmacy Scholarship of Teaching and Learning Grant, \$2500 (2012–2013)

Phillips J. Midwestern University Chicago College of Pharmacy Research Stimulation Grant, \$3440 (2013–2014)

Wisniewski CS. MUSC Drug Information Services was selected from an unknown number of submissions and awarded a contract with the Carolinas Poison Center to help develop a Medication Safety Help Line/Contact Center. The goal is to implement a call service for non-health care professionals that will use specialists in poison information (SPIs) to answer medication information questions and appropriately triage callers to providers.

Other Notable Achievements

Gettig JP. Graduated from the AACP Academic Leadership Fellows Program (ALFP) in July 2013.

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. Poster Session. Presented at the American Association of Colleges of Pharmacy Meeting; July 15, 2013; Chicago, IL.

May JR (with DeRemer D, Phillips B, Phillips M). Have you published that paper yet? Successfully precepting student and resident research projects. Presented at the ASHP National Pharmacy Preceptors Conference; August 23, 2013; Washington, DC.

May JR. Reappointed, Educational Steering Committee, America Society of Health-System Pharmacists, Section of Clinical Specialists and Scientists, 2013–2014

May JR. Member, Research & Education Committee, University Health System Consortium, 2013–2014

May JR. New drug update 2013: a formulary review. Presented at the University of Georgia College of Pharmacy Mental Health Symposium; February 5, 2013.

May JR. New drug update 2013: a formulary approach. Presented at the Georgia Society of Health-System Pharmacists Fall Meeting; October 13, 2013; Young Harris, GA.

Education and Training PRN

First, we would like to welcome Sarah A. Nisly, Pharm.D., BCPS, as our incoming chair-elect. Dr. Nisly is an assistant professor of pharmacy practice and a clinical pharmacist in internal medicine at Indiana University Health and Butler University College of Pharmacy and Health Sciences. We look forward to working with her. Kristi Kelley, Pharm.D., FCCP, BCPS, CDE, will move from serving as chair-elect to chair for the upcoming year, and Lori Hornsby, Pharm.D., BCPS, will complete the second year of her 2-year term as secretary/treasurer. We want to thank Samantha Karr, Pharm.D., BCPS, BCACP, for her leadership and commitment to the PRN as chair this past year. Thank you, Dr. Karr, for all of your hard work!

The Education and Training PRN has more than 450 members who continue to advance the PRN's mission of promoting dialogue and interaction to develop programs that enhance the knowledge and skills needed to provide education and training within clinical pharmacy. The PRN is happy to share the many accomplishments of its members as we look forward to another productive year.

The EDTR PRN will once again host the mock interviews for students and residents during the 2013 ACCP Annual Meeting in Albuquerque immediately after the business meeting and networking forum on Monday, October 14, at 6:00 p.m. During the 2012 ACCP Annual Meeting, 60 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. Forty-two interviewers graciously volunteered their time to make this event a

success. Most participants were able to go through two or three rounds of mock interviews to receive valuable feedback from several interviewers. We look forward to offering this activity at the upcoming meeting and ask that you encourage the students and residents in attendance to take advantage of this opportunity.

The Student Support Committee has had a busy and productive year, from providing support to the StuNet Advisory Committee to expanding the EDTR PRN Travel Scholarship to two awards this year. We are happy to announce the recipients of this year's travel awards, Asal Azizoddin and Hillary Aphaisuwan, both from the Midwestern University College of Pharmacy-Glendale. Each student has shown a commitment to academia, and both will be in Albuquerque at the PRN business meeting and networking forum to be recognized and to provide a short presentation.

Please come by to support our winners and future colleagues. A special thanks to Sandra Benavides, Pharm.D., Laura Tsu, Pharm.D., BCPS, Nancy Yunker, Pharm.D., BCPS, and Kristi Kelley, Pharm.D., FCCP, BCPS, CDE, for their work on the Selection Committee.

In addition, the Student Support Committee, in collaboration with Andrew J. Smith, Pharm.D., BCPS (AQ-CV), from the University Missouri-Kansas City School of Pharmacy, surveyed current ACCP Pharmacy Faculty Liaisons regarding the status of ACCP student organizations. The results of this survey will be presented at the ACCP Annual Meeting in Albuquerque.

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

Promotions

Tina Denetclaw, Pharm.D., BCPS, was promoted to full clinical professor in the school of pharmacy at the University of California, San Francisco.

Shareen El-Ibiary, Pharm.D., FCCP, BCPS, was promoted to full professor with tenure at the Midwestern University College of Pharmacy in Glendale, Arizona.

Samantha Karr, Pharm.D., BCPS, BCACP, and EDTR PRN chair, was promoted to associate professor of pharmacy practice at the Midwestern University College of Pharmacy in Glendale, Arizona.

Christina M. Madison, Pharm.D., BCACP, was promoted to associate professor of pharmacy practice at Roseman University of Health Sciences.

Haley Phillippe, Pharm.D., BCPS, was promoted

to associate clinical professor at Auburn University Harrison School of Pharmacy.

T. Lynn Stevenson, Pharm.D., BCPS, was promoted to associate clinical professor at Auburn University Harrison School of Pharmacy.

Amy Tiemeier, Pharm.D., BCPS, was promoted to associate professor of pharmacy practice at St. Louis College of Pharmacy.

Awards

Sandra Caballero and **Haley M. Phillippe** were recognized by the EDTR PRN this past year for their significant contributions to ACCP and the PRN during the past 2 years. **Dr. Caballero** is an associate professor in the Department of Pharmacy Practice at Nova Southeastern University and has been instrumental in the PRN's endeavors to collaborate with ACCP student activities during the past few years and help move the PRN forward. **Dr. Phillippe** is an associate clinical professor with the Auburn University Harrison School of Pharmacy and has served as chair of the PRN's Networking Committee for the past 5 years, during which time she has coordinated the mock interviews conducted during the ACCP Annual Meeting each October. Thank you both for all you do.

Andrew J. Smith, Pharm.D., BCPS (AQ-CV), was awarded the UMKC School of Pharmacy Teacher of the Year by the graduating class of 2013. Dr. Smith also received the 2013 UMKC Health-System Pharmacy Service Award.

Heather Whitley, Pharm.D., BCPS, CDE, received first place for the Judges' Choice Student Category at the 14th Annual Rural Health Conference held at the University of Alabama in 2013.

Grants

Amber M. Hutchison, Pharm.D., BCPS, and **T. Lynn Stevenson, Pharm.D., BCPS**, together with Marilyn N. Bullock, Pharm.D., BCPS, and Brent Fox, Pharm.D., Ph.D., were awarded a Daniel F. Breeden Endowed Grant (\$4000) from Auburn University to study geriatric sensitivity training in pharmacy students.

Publications

Sandra Benavides, Pharm.D.

Vallejos X, Benavides S. The Patient Protection and Affordable Care Act: implications for pediatric pharmacy practice. *Ann Pharmacother* 2013;47:1075-8.

Sandra Benavides, Pharm.D., and Joshua Caballero, Pharm.D., BCPP

Caballero J, Wolowich WR, Benavides S, Marino J. Difficulty and discrimination indices of multiple-choice examinations in a college of pharmacy pathophysiology and therapeutics course sequence. *Int J Pharm Pract* 2013. [Epub ahead of print]

Jennifer Clements, Pharm.D., BCPS, CDE

Johnson M, Clements J. Four years of experiences of a joint school of pharmacy and school of education pharmacy residency teaching certificate program for affiliated residency programs. *Curr Pharm Teach Learn* 2013;5:276-82.

Lindsay E. Davis, Pharm.D., BCPS

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.

Lamis R. Karaoui, Pharm.D., BCPS

Mansour H, Chahine E, Karaoui L, El-Lababidi R. Cethromycin: a new ketolide antibiotic. *Ann Pharmacother* 2013;47:368-79.

Rafie S, McIntosh J, Gardner D, Gawronski K, Karaoui L, Koepf E, Lehman K, McBane S, Patel N. Over-the-counter access to emergency contraception without age restriction: an opinion of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2013;5:548-57.

Karaoui L, Chahine E, El-Lababidi R. Oritavancin: a novel lipoglycopeptide antibiotic. *Am J Health Syst Pharm* 2013;70:23-33.

Katie S. McClendon, Pharm.D., BCPS

Fleming JW, McClendon KS, Riche DR. Review of new obesity agents: lorcaserin and phentermine/topiramate. *Ann Pharmacother* 2013;47:1007-16.

Sarah A. Nisly, Pharm.D., BCPS

Nisly SA, Kara A, Knight T. Simvastatin: a risk factor for angioedema? *J Pharm Technol* 2013;29:149-52.

Nisly SA, Kolanczyk D, Walton AM. Canagliflozin, a new sodium-glucose co-transporter 2 inhibitor, in the treatment of diabetes. *Am J Health Syst Pharm* 2013;70:311-9.

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

Cox CD, Peeters MJ, Stanford B, Seifert CF. A pilot of peer assessment within experiential teaching and learning. *Curr Pharm Teach Learn* 2013;5:311-20.

Matthew Pitlick, Pharm.D., BCPS

Peters GL, Erwin PB, Pitlick MK, Stacy ZA. Utilization of coagulation assays in clinical therapeutics. *Pharmacotherapy* 2013. Published Online.

Pitlick M, Fritz D. Evidence about the pharmacological management of constipation. Part 2: implications for palliative care. *Home Healthc Nurse* 2013;31:207-16.

Metzger AH, Hardy YM, Jarvis C, Stoner SC, Pitlick M, Hiliare ML, Hanes S, Burke J, Lodise NM. Essential elements for a pharmacy practice mentoring program. *Am J Pharm Educ* 2013;77:1-7.

Charles F. Seifert, Pharm.D., FCCP, BCPS

Vilella AL, Limsuwat C, Williams DR, Seifert CF. Cholestatic jaundice as a result of combination designer supplement ingestion. *Ann Pharmacother* 2013;47:e33.

Cox CD, Peeters MJ, Stanford BL, Seifert CF. Pilot of peer assessment within experiential teaching & learning. *Curr Pharm Teach Learn* 2013;5:311-20.

Irons BK, Trujillo A, Seifert CF, Simoni J, Doctolero S, Abo-Salem E, Meyerrose GE. Effects of direct renin inhibition on atherosclerotic biomarkers in patients with stable coronary artery disease and type 2 diabetes mellitus. *J Cardiovasc Pharmacol Ther* 2013. Published Online: May 20, 2013 (<http://cpt.sagepub.com/content/early/2013/06/07/1074248413489772.full.pdf+html>).

Andrew J. Smith, Pharm.D., BCPS (AQ-CV)

Smith AJ, Hill J. Metformin in patients with diabetes mellitus and heart failure. *Cardiol Today*. August 2013.

New ACCP Fellows

The following EDTR PRN members are newly elected ACCP Fellows for 2013:

Alicia B. Forinash, Pharm.D., BCPS, BCACP (St. Louis College of Pharmacy)

Vanthida Huang, Pharm.D., BSPHM (Mercer University)

Sarah E. McBane, Pharm.D., BCPS, CDE (University of California, San Diego)

Michele Y. Splinter, Pharm.D., BCPS (University of Oklahoma Health Science Center)

Toby C. Trujillo, Pharm.D., BCPS (University of Colorado, Skaggs School of Pharmacy and Pharmaceutical Sciences)

Sarah M. Westberg, Pharm.D., BCPS (University of Minnesota)

Nancy S. Yunker, Pharm.D., BCPS (Virginia Commonwealth University)

Other Notable Achievements

Lindsay E. Davis, Pharm.D., BCPS, has worked for the past year to develop and orchestrate a new post-graduate training program at the Midwestern University College of Pharmacy, where she is the program coordinator. The Clinician Educators Program is a 12-month longitudinal teaching and learning curriculum offered to Phoenix-area residents and residency-preceptors, with 40 participants in the inaugural class.

Tina Denetclaw, Pharm.D., BCPS, has established a partnership with Marin General Hospital (MGH), the local pharmacists association, and managers of local retail chains to establish MGH as a continuing education provider, to provide programming to bring community pharmacists into processes to improve outcomes and decrease hospital readmissions. Dr. Denetclaw developed and presented, together with an MGH neurologist, the first program, "How Community Pharmacists Can Help Promote Improved Stroke Prevention and Outcomes."

Heather P. Whitley, Pharm.D., BCPS, CDE, is the founding director and an administrator of the online alliance "Countryside Diabetes." The purpose of this Facebook-based initiative is to provide a platform for the encouragement and exchange of information among those living with and caring about diabetes. Through idea sharing, this initiative generates conversation among members in an effort to provide new insights and approaches to managing diabetes. The forum features weekly recurring themes of "Medication Mondays," "Tasty Tuesdays," and "Fitness Fridays." Fellow administrators and content creators include Rebecca Lee, Pharm.D., Sheena Q. Gregg, M.S., RD, LD, and Danielle Wadsworth, Ph.D.

Emergency Medicine PRN

Current Officers:

- Chair: Nicole M. Acquisto, Pharm.D., BCPS
- Chair-Elect: Mary Beth Shirk, Pharm.D., BCPS
- Secretary/Treasurer: Megan Musselman, Pharm.D., BCPS

Incoming Officers:

- Chair: Mary Beth Shirk, Pharm.D., BCPS
- Chair-Elect: Kyle Weant, Pharm.D., BCPS
- Secretary/Treasurer: Darrel Hughes, Pharm.D., BCPS

Please join us for the Emergency Medicine (EMED) PRN focus session, titled "The Great Disappearing Act: Drug Shortages and Emergency Medicine," on October 15, 2013, from 1:15 p.m. to 3:15 p.m. at the upcoming ACCP Annual Meeting in Albuquerque, New Mexico. The EMED PRN also invites you to join us for our business meeting and networking forum on Tuesday, October 15, 2013, from 6 p.m. to 9 p.m. We will be presenting our activities from the previous year and will begin planning for upcoming events in 2014. Please plan to attend if you would like to become more involved with the PRN or would just like to learn more about our activities.

Awards

Asad E. (Sid) Patanwala, Pharm.D., BCPS, Arthur B. Sanders, M.D., MHA, Michael C. Thomas, Pharm.D., BCPS, Nicole M. Acquisto, Pharm.D., BCPS, Kyle A. Weant, Pharm.D., BCPS, Stephanie N. Baker, Pharm.D., Erica Merritt, Pharm.D., BCPS, Brian L. Erstad, Pharm.D., FCCP, BCPS

- ASHP Research and Education Foundation Pharmacy Practice Research Award for the following publication: A prospective, multicenter study of pharmacist activities resulting in medication error interception in the emergency department. *Ann Emerg Med* 2012;59:369-73.

Nicole M. Acquisto, Pharm.D., BCPS

- ASHP Research and Education Foundation Pharmacy Residency Excellence Awards – New Preceptor Award
- University of Rochester Medical Center Pharmacy Department – Preceptor of the Year

Erica Merritt, Pharm.D., BCPS

- Installed as the district director for the southeastern region for the Georgia Society of Health-System Pharmacists (GSHP)

Publications

Nicole M. Acquisto, Pharm.D., BCPS

- Philips M, Acquisto NM, Gordetsky R, Wiegand T. Use of a physostigmine infusion for the treatment of severe and recurrent antimuscarinic toxicity in a mixed drug overdose. *J Med Toxicol*. Accepted for publication.

- Bodkin RP, Acquisto NM, Gunyan H, Wiegand TJ. Two cases of accidental injection of epinephrine into a digit treated with subcutaneous phentolamine injections [case report]. *Emerg Med* 2013. Available at <http://dx.doi.org/10.1155/2013/586207>.

Mason H. Bucklin, Pharm.D.

- Bucklin MH, Groth CM. Mortality following rasburicase-induced methemoglobinemia. *Ann Pharmacother*. Accepted for publication.
- Bucklin MH, Gorodetsky RM, Wiegand TJ. Prolonged lipemia and pancreatitis due to extended infusion of lipid emulsion in bupropion overdose. *Clin Toxicol*. Accepted for publication.

Zlatan Coralic, Pharm.D.

- Coralic Z, Lenhoff T, Kanzaria HK, Gerona R. A 120-hour case of priapism from an over-the-counter herbal supplement. *Ann Pharmacother* 2013;47:289-90.
- Chung-Esaki H, Knight R, Noble J, Wang R, Coralic Z. Detection of acute pulmonary embolism by bedside ultrasound in a patient presenting in PEA arrest [case report]. *Emerg Med* 2012;2012:Article 794019.
- Kanzaria HK, Farzan N, Coralic Z. Adie's tonic pupil. *West J Emerg Med* 2012;13:543.
- James KT, Detz A, Coralic Z, Kanzaria H. Levamisole-contaminated cocaine induced cutaneous vasculitis syndrome. *West J Emerg Med* 2013 Mar. Ahead of print: <http://escholarship.org/uc/item/5r21630m>.

Tina Denetclaw, Pharm.D., BCPS

- Needs analysis for educating community pharmacists to interface with pre-hospital stroke chain of survival. *J Stroke Cerebrovasc Dis*. In press.

Elizabeth Gorski, Pharm.D., MBA, BCPS

- Gorski EM, Schmidt MJ. Orolingual angioedema with alteplase administration for treatment of acute ischemic stroke. *J Emerg Med* 2013;45:e25-26.

Darrel W. Hughes, Pharm.D., BCPS

- Hughes DW, VanWert EM, LePori L, Adams BD. Propofol for benzodiazepine refractory alcohol withdrawal in a non-mechanically ventilated patient: a case report. *Am J Emerg Med*. Accepted August 21, 2013.

Asad (Sid) Patanwala, Pharm.D., BCPS

- Traylor B, Patanwala AE, Sakles JC, Erstad BL. Underdosing of etomidate for rapid sequence intubation in the emergency department. *Curr Drug Saf* 2013;8:1-4.
- Amini A, Faucett EA, Watt JM, Amini R, Sakles JC, Patanwala AE. Effect of a pharmacist on postintubation sedative and analgesic use in trauma patients. *Am J Health Syst Pharm* 2013;70:1513-7.
- Elofson K, Rhoads S, Tang A, Gaither J, Patanwala AE. Long-acting neuromuscular blocker use during pre-hospital transport of trauma patients. *Air Med J* 2013;32:203-7.
- Korinek JD, Thomas RM, Goddard LA, St John AE, Sakles JC, Patanwala AE. Comparison of rocuronium and succinylcholine on postintubation sedative and analgesic dosing in the emergency department. *Eur J Emerg Med* 2013 Mar 18 (doi:10.1097/MEJ.0b013e3283606b89).
- Wenderoth B, Kaneda E, Amini A, Amini R, Patanwala AE. Morphine versus fentanyl for pain due to traumatic injury in the emergency department. *J Trauma Nurs* 2013;20:10-5.
- Mosier J, Chiu S, Patanwala AE, Sakles JC. A comparison of the GlideScope video laryngoscope to the C-MAC video laryngoscope for intubation in the emergency department. *Ann Emerg Med* 2013;61:414-20.
- Patanwala AE, Jasiak KD, Christich AC, Edwards CJ, Phan H, Snyder EM. Age-related differences in propofol dosing for procedural sedation in the emergency department. *J Emerg Med* 2013;44:823-8.
- Patanwala AE, Holmes K, Erstad BL. Analgesic response to morphine in obese and morbidly obese patients in the emergency department. *Emerg Med J* 2013 (doi:10.1136/emered-2012-202168).

Rolfe, Pharm.D., BCPS; and Melissa Miller, Pharm.D.

- Robbins A, Fong J, Hall W, Ditch K, Rolfe S, Miller M. Comparison of a low, fixed dose and a high, weight-based dose of recombinant factor VIIa in the treatment of warfarin-associated intracranial hemorrhage. *Neurocrit Care* 2013 Apr 18. [Epub ahead of print]

Presentations

Nicole M. Acquisto, Pharm.D., BCPS

- Zwart J, Bodkin RP, Toussaint S, Acquisto NM. Differences in noninvasive thermometers in the adult emergency department. Oral Lightning Presentation and Gallery of Excellence Poster Session. Presented at the Society for Academic Emergency Medicine Annual Meeting; May 2013; Atlanta, GA.

- Bodkin RP, Acquisto NM, Zwart J, Toussaint S. Differences in noninvasive thermometers in the adult emergency department. Presented at the NYS American College of Emergency Physicians Scientific Assembly; July 2013; Bolton Landing, NY.
- Spillane L, Bodkin R, Nobay F, Marks L, Lu M, Acquisto NM. You can't always have what you want. Simulation-based workshop with post-workshop reflections to teach emergency medicine residents a strategy for making rational pharmacologic choices in a time of shortage. Presented at the Council of Emergency Medicine Residency Directors (CORD) Academic Assembly; March 2013; Denver, CO.

Nadia Awad, Pharm.D.

- The role of pyridoxine in the management of refractory status epilepticus. Presented as part of the Clinical Pearls Session at the Eastern States Residency Conference; May 2013; Hershey, PA.
- Awad N, Geib AJ, Roy A, Bridgeman P, Cocchio C. Evaluation of the incidence of infusion-related errors associated with intravenous N-acetylcysteine for the treatment of acetaminophen toxicity. Presented at the Eastern States Residency Conference; May 2013; Hershey, PA.

Mason H. Bucklin, Pharm.D.

- Bucklin MH, Gorodetsky RM, Wiegand TJ. Prolonged lipemia and pancreatitis due to extended infusion of lipid emulsion in bupropion overdose. Accepted for poster presentation at the annual meeting of the North American Congress of Clinical Toxicology; October 2013.
- Bucklin MH, Acquisto NM, Nelson C, Bankey P. The effects of recombinant activated factor VII dose on the incidence of thromboembolic events in patients with coagulopathic bleeding. Accepted for poster presentation at the American College of Clinical Pharmacy Annual Meeting; October 2013; Albuquerque, NM.

Darrel W. Hughes, Pharm.D., BCPS

- VanWert EM, Sohraby R, McIndoo JA, Younts S, Gamboa CD, Hughes DW. Simulation training improves pharmacists' competency in advanced cardiac life support response. To be presented at the American College of Clinical Pharmacy Annual Meeting; October 2013; Albuquerque, NM.
- Sohraby R, Attridge RL, Hughes DW. Comparison of benzodiazepine and propofol for refractory alcohol withdrawal syndrome: a retrospective chart review.

Encore to be presented at the American College of Clinical Pharmacy Annual Meeting; October 2013; Albuquerque, NM.

- VanWert EM, Hughes DW. Comparison of activated factor VII and prothrombin complex concentrates on emergency reversal of coagulopathy. To be presented at the American College of Clinical Pharmacy Annual Meeting; October 2013; Albuquerque, NM.
- Li J, Echevarria KL, Hughes DW, Cadena-Zuluaga JA, Bowling JE, Lewis JS II. Oxacillin vs. cefazolin for complicated methicillin-susceptible *Staphylococcus aureus* bacteremia. Presented at the 53rd Annual ICAAC; September 2013; Denver, CO.
- Jevari H, Xiao B, Lewis JS, Hughes DW, Walter EA, Patterson J. Improving weight-based vancomycin dosing and monitoring. Presented at the Texas Medical Association; May 2013; San Antonio, TX.
- Sohraby R, Attridge RL, Hughes DW. Comparison of benzodiazepine and propofol for refractory alcohol withdrawal syndrome: a retrospective chart review. Presented at the Society of Critical Care Medicine 42nd Critical Care Congress; January 2013; San Juan, Puerto Rico.

Christi Jen, Pharm.D., BCPS

- ASHP Webinar "No IV, No Problem: Practical Approaches to Alternate Routes of Administration"
- ASHP Summer Meeting CE Presentation 2013: "Antimicrobial Stewardship in the Emergency Department"

Other Notable Achievements

Nadia Awad, Pharm.D.

- Promoted to assistant professor of emergency medicine, Ernest Mario School of Pharmacy at Rutgers University, Piscataway, New Jersey; emergency medicine pharmacist, Somerset Medical Center, Somerville, New Jersey

Mason H. Bucklin, Pharm.D.

- Accepted a position as an emergency medicine pharmacist at the University of Tennessee Medical Center

Tina Denetclaw, Pharm.D., BCPS

- Promoted to full clinical professor in the school of pharmacy at the University of California, San Francisco
- Established a partnership between Marin General Hospital (MGH), the local pharmacists association, and managers of local retail chains and established

MGH as a continuing education provider, to bring community pharmacists actively into processes to help improve outcomes

- Developed and co-presented with MGH neurologists as the first program of a planned series, “How Community Pharmacists Can Help Promote Improved Stroke Prevention and Outcomes.” This program, developed in response to the needs analysis, included information on how to help the public recognize the signs of possible stroke and respond properly by calling 911.

Darrel W. Hughes, Pharm.D., BCPS

- Appointed to the Editorial Advisory Board of the Texas Society of Health-System Pharmacists

Christi Jen, Pharm.D., BCPS

- Promoted to PGY1 residency program director at Banner Boswell Medical Center

Megan Musselman, Pharm.D., BCPS

- Completed a master’s degree in clinical toxicology from the University of Florida

Asad (Sid) Patanwala, Pharm.D., BCPS:

- Promoted to associate professor at the University of Arizona College of Pharmacy

EMED PRN Committee Activities

CODE (the Collaborative Organization for Development of Emergency Medicine Pharmacists) Committee (Samantha Bastow, Pharm.D., BCPS, Chair)

The Collaborative Organization for Development of Emergency Medicine Pharmacists (CODE) Program encourages idea sharing and fosters professional growth by forming meaningful partnerships among emergency medicine pharmacists. Biannually, the program matches participants on the basis of personally identified strengths and goals, as shown on the registration form. We have received great feedback from our current partners and look forward to expanding the program further. To participate, simply complete the Participant Bio found on the EMED PRN homepage under PRN Documents/CODE Program Documents/Bio for CODE Program Participant. All members are encouraged to join, and applications for the fall enrollment are due by September 15. We hope this will be a great tool for us to work together on advancing our practice.

Educational Programming Committee (Mary Beth Shirk, Pharm.D., B.S., BCPS, Chair)

The Programming Committee is pleased to announce the EMED PRN focus session titled “The Great Disappearing Act: Drug Shortages and Emergency Medicine.” The program will focus on the resurgence of medications used in emergency medicine and other acute care settings that is driven by ongoing drug shortages. The panel of speakers includes individuals with a diverse background, years of experience, and a practice related to emergency medicine.

Asad Patanwala will serve as moderator for the program, and panel members will include:

- Kyle Weant: “The Disappearing Act: To Plan or Not to Plan”
- Frank Paloucek: “The Disappearing Act: The Management of Toxicologic Emergencies in the ED in an Era of Drug Shortages”
- Katelyn Dervay: “The Disappearing Act: Sedatives in the ED in an Era of Drug Shortages”

The program will take place at the ACCP Annual Meeting in Albuquerque on Tuesday, October 15, from 1:15 p.m. to 3:15 p.m. Please plan to attend, and encourage your colleagues to do the same.

Media Committee (Craig Cocchio, Pharm.D., BCPS, Chair)

The Media Committee is gearing up for the upcoming annual fall newsletter. Coming off the release of the spring newsletter, which featured reviews of tranexamic acid in the trauma population and tissue plasminogen activator in those receiving novel anticoagulants, the Media Committee will be working toward providing a useful, informative publication for EMED PRN members. The annual newsletter will be a platform to highlight the successes of the EMED PRN and its members during the past year and will provide insight on the activities of the other committees within the EMED PRN. The targeted publication date is November 2013.

Travel Award Committee (Nicole M. Acquisto, Pharm.D., BCPS, Chair)

The Travel Award Committee will bestow a Student and Resident Research Travel Award this year to help support the costs of travel and attendance at the 2013 ACCP Annual Meeting. A call for abstracts has been sent to EMED PRN members, and recipients were announced in September. Recipients will present their research at the EMED PRN business meeting and networking forum on

Tuesday, October 15, from 6:00 p.m. to 9:00 p.m. at the ACCP Annual Meeting in Albuquerque, New Mexico.

Endocrine and Metabolism PRN

The Endocrine and Metabolism PRN is composed of members from a variety of practice settings. The PRN was formed to achieve the following goals and objectives:

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

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

Promotions

Nathan A. Painter: Awarded promotion to associate clinical professor at the University of California at San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences

Daniel M. Riche: Awarded promotion and tenure to associate professor of pharmacy practice at the University of Mississippi School of Pharmacy

Devada Singh-Franco: Awarded promotion to associate professor of pharmacy practice at Nova Southeastern University College of Pharmacy

Heather Whitley: Awarded promotion to associate clinical professor of pharmacy practice at Auburn University Harrison School of Pharmacy and associate affiliate professor at the University of Alabama School of Medicine

Research Grants

Nicole R. Pinelli (principal investigator): The Layered Learning Practice Model: Toward a Consistent Model of Pharmacy Practice. Funded, ASHP Foundation, 2013–2015

Fellowships/Honors/Awards

Brian K. Irons: Texas Tech University Health Sciences Center 2013 Distinguished Alumni Award for Excellence in Practice

Linda A. Jaber: Arab American Pharmacist Association postgraduate research fellowship awarded 2013–2016

Heather Whitley: University of Alabama 14th Annual Rural Health Conference first-place judges' choice: student category

Publications

Kathryn Hurren

Berlie HN, **Hurren KM.** Evaluation of lorcaserin for the treatment of obesity. *Expert Opin Drug Metab Toxicol* 2013;9:1053-9.

Linda Jaber

Jaber LA, Al-Kassab AS, Dallo FJ. Diabetes mellitus among Arab Americans. In: Nassar-McMillan SC, et al., eds. *Biopsychosocial Perspectives on Arab Americans: Culture, Development, and Health*. New York: Springer Science+Business Media, 2014.

Robin Koffarnus

Koffarnus RL, Mican LM, Lopez DA, Barner J. Evaluation of an inpatient psychiatric hospital intervention and adherence to American Diabetes Association practice recommendations. *JHPR [Internet]* 2013;2:1-8. Available at https://jhpr.org/wp-content/uploads/2013/07/JHPR_Koffarnus-v2.pdf.

Koffarnus RL, Wargo KA, Phillippe HM. Rivoglitazone: a new thiazolidinedione for the treatment of type 2 diabetes mellitus. *Ann Pharmacother* 2013;47:877-85.

Molly Minze

Minze MG, Klein MS, Terrell BT. Saxagliptin and metformin in fixed combination for the treatment of type 2 diabetes in adults. *Clin Med Insights Endocrinol Diabetes* 2013;6:15-24.

Minze MG, Klein MS, Jernigan MJ, Wise SL, Fruge K. Once-weekly exenatide: an extended-duration glucagon-like peptide agonist for the treatment of type 2 diabetes mellitus. *Pharmacotherapy* 2013;33:627-38.

Nicole Pinelli

Pinelli NR, Patel A, Salinitri FD. Co-administration of liraglutide with tacrolimus in kidney transplant recipients. *Diabetes Care* 2013. In press.

Devada Singh-Franco

Zapantis A, **Singh-Franco D**. Elective course for pharmacy students on practice-based learning taught by residents and fellows. *Am J Health Syst Pharm* 2013;70:658-60.

Clauson KA, **Singh-Franco D**, Sircar-Ramsewak F, Shine J, Sandars J. Social media use and educational preferences among first-year pharmacy students. *Teach Learn Med Int J* 2013;25:122-8.

Heather Whitley

Lee R, **Whitley HP**. Social media use to support diabetes mellitus care: the development of Countryside Diabetes. *Consult Pharm*. Accepted June 2013.

Nicole Pinelli and Linda Jaber

Salinitri FD, **Pinelli NR**, Martin E, **Jaber LA**. Insulin sensitivity and secretion in Arab Americans with glucose intolerance. *Diabetes Technol Ther* 2013;15 (doi:10.1089/dia.2013.0045).

Abstracts/Poster Presentations

Linda Jaber and Nicole Pinelli

Jaber LA, Salinitri FD, **Pinelli NR**, Martin ET. Racial differences in the prevalence of impaired glucose tolerance. To be presented at the International Diabetes Federation; December 2013; Melbourne, Australia.

Nicole Pinelli

Pinelli NR, Grandi SA, Lipari G, Payter K, Morelli M, Chackunkal E, Patel A, Gray S, Dwyer A, Salinitri FD. Co-administration of liraglutide with tacrolimus in kidney transplant recipients: preliminary data. *Diabetes* 2013(suppl 1). Poster presented at the American Diabetes Association 73rd Scientific Sessions; June 2013; Chicago, IL.

Presentations

Nathan Painter

New oral medications and treatment strategies. Webinar for Certified Diabetes Educators; July 2013.

Nicole Pinelli

Safe and effective glucose lowering therapies for patients with diabetes and CKD. Presented at the National Kidney Foundation 2013 Spring Clinical Meeting; April 2013; Orlando, FL.

Other Notable Achievements

Nathan A. Painter was elected to the Board of Directors for the American Association of Diabetes Educators for the term 2014–2016.

Other

Marwa Khamis received her teaching certification from the University of Kansas School of Pharmacy and her antibiotic stewardship certification from the Society of Infectious Diseases Pharmacists in April 2013.

Robin Koffarnus transitioned to assistant professor of pharmacy practice at Texas Tech University Health Sciences Center School of Pharmacy on the Dallas/Fort Worth campus.

Bernice Mann, a P3 student at Chicago State University College of Pharmacy, was selected to be a 2013–2014 Schweitzer Fellow.

Melissa Marshall orchestrated a hospital-wide insulin pen reeducation on correct administration procedures, safety considerations, and nursing double-check assess: correct patient, correct insulin type (prandial/correctional vs. basal), and correct dose as a result of the FDA/CDC/ISMP alerts about the institutional risk of sharing of pens between patients.

Coralynn Trewet transitioned to a regional medical liaison with Sanofi with a focus on diabetes in Iowa and Nebraska.

Geriatrics PRN

Promotions

Matthew Cantrell, Pharm.D., BCPS: Promoted to associate professor (clinical), University of Iowa College of Pharmacy in Iowa City, Iowa

Awards

Gregory Hughes, Pharm.D.: Walmart Scholar

Judith Beizer, Pharm.D., FASCP, CGP, AGSF: Fellow, American Geriatrics Society

Matthew Cantrell, Pharm.D., BCPS: 2013 recipient of the Distinguished Young Pharmacist Award for Iowa, Iowa Pharmacy Association, and Pharmacists' Mutual Companies

Jeannie K. Lee, Pharm.D., BCPS, CGP: Fellow of the American Society of Health-System Pharmacists, 2013

Jeannie K. Lee, Pharm.D., BCPS, CGP: Clinical Sciences Educator of the Year Award 2013

Jeannie K. Lee, Pharm.D., BCPS, CGP: AACP/NCPA Innovative Adherence Educators Challenge Award 2012

Grants

Heather Sakely, Pharm.D., BCPS: ASHP Research and Education Foundation New Investigators Research Grant for \$19,999 for her project PIVOTS: Pharmacist-Led Interventions on Transitions of Seniors

Publications

Matthew Cantrell

Cantrell MA, Vouri SM, Baye J. Tadalafil: a phosphodiesterase-5 inhibitor for BPH. *Pharmacotherapy* 2013;33:639-49.

Cantrell MA, Vouri SM. Benign prostatic hyperplasia. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program*, 2013 Book 2. Special Populations. Lenexa, KS: American College of Clinical Pharmacy, 2013.

Emily Peron

Peron EP, Hirsch AA, Jury LA, Jump RLP, Donskey CJ. Another setting for stewardship: high rate of unnecessary antimicrobial use in a VA long-term care facility. *J Am Geriatr Soc* 2013;61:289-90.

Jump RLP, Olds D, Seifi N, Kyriotakis G, Jury LA, **Peron EP,** Hirsch AA, Drawz P, Watts B, Bonomo RA, Donskey CJ. Effective antimicrobial stewardship in a long-term care facility through an infectious disease consultation service: keeping a LID on antibiotic use. *Infect Control Hosp Epidemiol* 2012;33:1185-92.

Peron EP, Zheng Y, Perera S, Newman AB, Resnick NM, Shorr RI, Bauer DC, Simonsick EM, Gray SL, Hanlon JT, Ruby CM. Antihypertensive drug class use and differential risk of urinary incontinence in community-dwelling older women. *J Gerontol Ser A Med Sci* 2012;67:1373-8.

Christine Eisenhower

Eisenhower C, Hume AL. Bisphosphonate-related osteonecrosis of the jaw. In: *Ferri's Clinical Advisor* 2014. Philadelphia: Elsevier, 2013.

Jena Ivey Burkhart

Roth MT, **Burkhart JI,** Esserman DA, Crisp G, Kurz J, Weinberger M. Individualizing medication assessment and planning: optimizing medication use in older adults in the primary care setting. *Pharmacotherapy* 2013;33:787-97.

Sloane P, **Burkhart JI.** Loving and lamenting the role of medications on long-term care. *JAMDA* 2013;14:384-5.

Hansen RA, Esserman DA, Roth MT, Lewis C, **Burkhart JI,** Weinberger M, Watson LC. Medication adherence measurement with the Medometer visual tool: comparison with other measures in a geriatric psychiatry pilot study. *JAPhA* 2013;53:198-205.

Jeannie K. Lee

Lee JK, Slack MK, Martin J, Ehrman C, Chisholm-Burns MA. Geriatric patient care by U.S. pharmacists in health-care 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 Jun 20. [Epub ahead of print]

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.

Weiss B, **Lee JK.*** Is your patient taking too many pills? Before you prescribe another drug, consider whether new symptoms might be caused by the medications the patient is already taking. *J Fam Pract* 2012;61:652-61.

Lee JK. Pharmacotherapy of depression in older adults. *Ariz Geriatr Soc J* 2012;17:31-2.

Lee JK, Mendoza DM, Mohler J, Lee EM. Geriatrics. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al., eds. *Pharmacotherapy Principles and Practice*, 3rd ed. New York: McGraw-Hill, 2013:7-21.

Other

Posters

Gregory Hughes

Hughes GJ, Patel PN, Mason C. Medical resident choices in drug information resources.

Maidhof W, **Hughes GJ,** Tran T, Smith CJ. Incorporation of audience response technology and human patient simulation (HPS) into a pharmacotherapeutics course.

Matthew Cantrell

Young S, Vos S, **Cantrell M,** Shaw R. What makes an excellent preceptor?: factors identified from student evaluations. Presented at the American Association of Colleges of Pharmacy National Meeting; July 2013; Chicago, IL.

Emily Peron

Peron EP, Perera S, Boudreau RM, Donohue JM, Gray SL, Ruby CM, Newman AB, Shorr RI, Bauer DC, Simonsick EM, Studenski SA, Hanlon JT. Appropriateness of anti-hypertensive prescribing pre- and post-Medicare Part D. Presented at the American Geriatrics Society Annual Meeting; May 1–5, 2013; Grapevine, TX. (Abstract #A101)

Patel RS, Marcum ZA, **Peron EP**, Ruby CM. Prevalence of and factors associated with therapeutic failure-related hospitalizations in the elderly. Presented at the American College of Clinical Pharmacy Annual Meeting; October 21–24, 2012; Hollywood, FL. (Abstract #332)

Christine Eisenhower

Eisenhower C, Whalin L, Edgerton L. Impact of pharmacist medication reconciliation on all-cause readmissions of elderly patients with COPD. Professional poster presented at the Annual Scientific Meeting of the American Geriatrics Society (AGS); 2013; Grapevine, TX.

Podium Presentations

Emily Peron

Peron EP. Medications and aging. Presented at the Virginia Coalition for the Prevention of Elder Abuse Annual Conference, Virginia Beach Resort and Conference Center; May 31, 2013; Virginia Beach, VA.

Linnebur SA, **Peron EP**, Ruby CM, Scott MA, Skledar SJ. Beers, antihypertensives, and medical home: an update in geriatric practice. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting, MGM Grand Hotel and Casino; December 5, 2012; Las Vegas, NV.

Delafuente JC, Ogbonna KC, **Peron EP**, Slattum PW. Behaviors as communication: managing the behavioral and psychiatric symptoms of dementia. Presented at the American Society of Consultant Pharmacists Annual Meeting, Gaylord National Resort and Convention Center; November 8, 2012; National Harbor, MD.

Books/Chapters

Albert Barber

Barber AR. The older adult with intellectual and developmental disabilities (IDD). *Geriatr Pharm Rev*. Available at www.ascp.com/7/2013.

Emily Peron

Marcum ZA, **Peron EP**, Hanlon JT. Medication use in older adults. In: Newman AB, Cauley JA, eds. *The Epidemiology of Aging*. New York: Springer, 2012:317-27.

Other Recognitions

Abimbola Farinde, Pharm.D.: special government employee consultant, U.S. Food and Drug Administration, Nonprescription Drugs Advisory Committee

Jeannie K. Lee, Pharm.D.: Board certification, Certified Geriatric Pharmacist (CGP) 2012; Board of Directors: Arizona Geriatrics Society, 2012-present

GI/Liver/Nutrition PRN

Introduction

The GILN PRN would like to welcome all interested ACCP members to attend our business meeting and networking forum at the Annual Meeting on Monday evening, October 14, for a special presentation by Roland Dickerson, Pharm.D., FCCP, FACN, FCCM, FASHP, BCNSP, from the University of Tennessee Health Science Center, on “A Pharmacist’s Quest for Glycemic Control in the ICU.”

Promotions

Devada Singh-Franco, Pharm.D., was promoted to associate professor of pharmacy practice at Nova Southeastern University College of Pharmacy.

M. Petrea Cober, Pharm.D., BCNSP, was promoted to associate professor of pharmacy practice at Northeast Ohio Medical University.

Awards

Kathy Chessman, Pharm.D., FCCP, BCPS, BCNSP, received the 2013 MUSC College of Pharmacy Distinguished Alumnus Award.

Publications

Singh-Franco D, Perez A, Wolowich W. Improvement in surrogate endpoints by a multidisciplinary team in a mobile clinic serving a low-income, immigrant minority population in South Florida. *J Health Care Poor Underserved* 2013;24:67-77.

Clauson KA, **Singh-Franco D**, Sircar-Ramsewak F, Shine J, Sandars J. Social media use and educational preferences among first-year pharmacy students. *Teach Learn Med Int J* 2013;25:122-8.

Zapantis A, **Singh-Franco D**. Elective course for pharmacy students on practice-based learning taught by residents and fellows. *Am J Health Syst Pharm* 2013;70:658-60.

Davis EM, Foral PA, Dull RB, **Smith AN**. A review of insulin therapy and pen use in hospitalized patients. *Hosp Pharm* 2013;48:396-405.

Cohen AR, **Smith AN**, Henriksen BS. Postoperative opioid requirements following Roux-en-Y gastric bypass in patients receiving continuous bupivacaine through a pump system: a retrospective review. *Hosp Pharm* 2013;48:1-5.

Noe B, **Smith A**. Development of a community pharmacy disaster preparedness manual. *J Am Pharm Assoc* 2013;53:432-7.

Vilella AL, Limsuwat C, Williams DR, **Seifert CF**. Cholestatic jaundice as a result of combination designer supplement ingestion. *Ann Pharmacother* 2013;47:e33.

Cox CD, Peeters MJ, Stanford BL, **Seifert CF**. Pilot of peer assessment within experiential teaching & learning. *Curr Pharm Teach Learn* 2013;5:311-20 (<http://dx.doi.org/10.1016/j.cptl.2013.02.003>; original research).

Irons BK, Trujillo A, **Seifert CF**, Simoni J, Doctolero S, Abo-Salem E, Meyerrose GE. Effects of direct renin inhibition on atherosclerotic biomarkers in patients with stable coronary artery disease and type 2 diabetes mellitus. *J Cardiovasc Pharmacol Ther* 2013. Published Online: May 20, 2013 (<http://cpt.sagepub.com/content/early/2013/06/07/1074248413489772.full.pdf+html>; original research).

Mohammad RA, Regal R, Alaniz C. Combination therapy for the treatment and prevention of hepatic encephalopathy. *Ann Pharmacother* 2012;46:1559-63.

American College of Clinical Pharmacy (ACCP); Kirwin J, Canales AE, Bentley ML, Bungay K, Chan T, Dobson E, Holder RM, Johnson D, Lilliston A, **Mohammad RA**, Spinler SA. ACCP white paper: process indicators of quality pharmacist services in various types of transitions of care. *Pharmacotherapy* 2012;32:e338-47.

New ACCP Fellow

Juliana Chan, Pharm.D., BCACP, was inducted as a Fellow of the American College of Clinical Pharmacy (FCCP) this year.

Other Notable Achievements

April Smith, Pharm.D., BCPS, was an invited speaker at the Alegant Creighton Health Regional Bariatric Symposium on the topic of “Medical Management of Co-morbid Conditions After Bariatric Surgery” on June 21, 2013, in Omaha, Nebraska.

Paul Jungnickel, Ph.D., RPh, presented the following at the 114th AACP Annual Meeting:

Jungnickel PW, DeHart RM, Wall AL. PCAT: proposed changes for the future. Presented at the Admissions Workshop, 114th Annual Meeting of the American Association of Colleges of Pharmacy; July 2013; Chicago, IL.

Byrd DC, Marlowe KF, Phelps SJ, Jungnickel PW, Wright B. Student leadership development: bridging the gap with distant campuses. Presented at the 114th Annual Meeting of the American Association of Colleges of Pharmacy; July 2013; Chicago, IL.

Other

The GILN PRN is excited to announce that a draft of an opinion paper on the “Provision of Pharmacist Services for Hepatitis C Viral Infections” has been completed with the hope of being published soon as a joint opinion paper on behalf of the GILN PRN and the Infectious Diseases PRN.

Hematology/Oncology PRN

Introduction

The Hematology/Oncology PRN has been active in many areas during the past year. We are excited about our Hematology/Oncology PRN focus session for October 2013, which is aimed at discussing the unique chronic needs of the cancer patient population. The target audience is practitioners, including oncology pharmacists and clinicians in other areas where patients with a history of cancer may be seen.

One new area of focus in our PRN is to increase the number and involvement of trainees interested in the area of hematology and oncology. A Student/Resident Involvement Task Force was created at the October 2012 meeting, and several initiatives have been discussed, including starting an academically focused Hematology/Oncology PRN newsletter and mentoring program for trainees. In addition, current efforts are aimed at identifying ways to collaborate on research projects across institutions.

Awards

Jane-hwa Huang, Pharm.D., BCPS: Safety Ambassador the Year 2012 Award, Atlantic General Hospital in Berlin, Maryland

Publications

Deborah Hass, Pharm.D., BCPS, BCOP

Hass D. Prostate cancer. In: Murphy J, Lee M, eds. *Pharmacotherapy Self-Assessment Program, 2013 Book 2. Special Populations*. Lenexa, KS: American College of Clinical Pharmacy, 2013:39-57.

Lisa Holle, Pharm.D., BCOP

Chamberlin K, **Holle LM**. Management of common pain conditions encountered by pharmacists. *Drug Top*. August 2013. In press.

Holle LM, Chamberlin K. Regulatory and ethical issues in pain management. *Drug Top* 2013;157:58-66.

McBride A, **Holle LM**, Westendorf C, et al. National survey on the effect of oncology drug shortages on cancer care. *Am J Health Syst Pharm* 2013;70:609-17.

Salvo M, **Holle LM**, Dang D. Chapter 3. The written communication. In: Lauster C, Srivastava S, eds. *Fundamental Skills for Patient Care in Pharmacy Practice*. Burlington, MA: Jones & Bartlett, 2013:65-96.

Jai Patel, Pharm.D.

Patel JN, McLeod HL, Innocenti F. Implications of genome-wide association studies in cancer therapeutics. *Br J Clin Pharmacol* 2013. [Epub ahead of print]

Patel JN, Fuchs CS, Owzar K, Chen Z, McLeod HL. Gastric cancer pharmacogenetics: progress or old tripe? *Pharmacogenomics* 2013;14:1053-64.

Pam Pawloski, Pharm.D.

Pawloski PA, Geiger AM, Haque R, Kaminen A, Fouayzi H, Ogarek J, Petersen HV, Bosco JLF, Thwin SS, Silliman RA, Field TS. Fracture risk in older, long-term survivors of early-stage breast cancer. *J Am Geriatr Soc* 2013 (doi:10.1111/jgs.12269).

Cross D, Rahm AK, Kauffman TL, Webster J, Le AQ, Feigelson HS, Alexander G, Meier P, Onitilo A, **Pawloski PA**, Williams AE, Honda S, Daida YH, McCarty CA, Goddard KAB. Under-utilization of Lynch syndrome screening in a multisite study of colorectal cancer patients. *Genet Med* 2013 (doi:10.1038/gim.2013.43).

Webster J, Kauffman T, Feigelson HS, **Pawloski P**, Onitilo AA, Potosky AL, Cross D, Meier P, Mirabedi AS, Delate T, Daida Y, Williams A, Alexander GL, McCarty CA, Honda S, Kushi LH, Goddard KAB; on behalf of the CERGEN study team. KRAS Testing and Epidermal Growth Factor Receptor Inhibitor Treatment for Colorectal Cancer in

Community Settings. *Cancer Epidemiol Biomarkers Prev* 2013;22:91-101.

Clough-Gorr KM, Thwin SS, Bosco JLF, Silliman RA, St. Charles M, Buist DSM, **Pawloski PA**, Quinn VP, Prout MN. Incident malignancies among older long-term breast cancer survivors and age-site-matched non-breast cancer comparisons over ten-years of follow-up. *Cancer* 2013;119:1478-85.

Christine Walko, Pharm.D., BCOP

Coulter D, **Walko CM**, Moats-Staats B, Davis IJ, Gold SH, Weston BW, Smith SV, Khan WA, Patel J, Deal A, Oesterheld J, Blatt J. Phase I study of temsirolimus and valproic acid for refractory solid tumors in children. *Anticancer Drugs* 2013;24:415-21.

Hertz DL, **Walko CM**, Bridges AS, Hull JH, Herendeen J, Rollins K, Watkins PB, Dees EC. Pilot study of rosiglitazone as an in vivo probe of paclitaxel exposure. *Br J Clin Pharmacol* 2012;74:197-200.

Walko CM, Combest AJ, Spasojevic I, Yu AYC, Bhushan S, Hull JH, Hoskins J, Armstrong D, Carey L, Collichio F, Dees EC. The effect of aprepitant and race on the pharmacokinetics of cyclophosphamide in breast cancer patients. *Cancer Chemother Pharmacol* 2012;69:1189-96.

Immunology/Transplantation PRN

Introduction

The Immunology/Transplantation PRN has grown to 400 members. We encourage all members to get involved and to provide us with suggestions and comments to make our PRN even better.

Our PRN was well represented at the American Transplant Congress 2013 Annual Meeting (the joint annual meeting of the American Society of Transplant Surgeons [ASTS] and the American Society of Transplantation [AST]) with 17 poster and 8 oral presentations by PRN members. Congratulations!

We would also like to take this opportunity to introduce our newly elected PRN officers for 2013–2014:

Chair: Jim Thielke

Chair-Elect: Reed Hall

Secretary/Treasurer: Lindsay Pote

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

Promotions

Robert Dupuis: Promoted to clinical professor at the University of North Carolina

Awards

Rita Alloway: AST Mentoring Award

Grants

Kathleen M. Tornatore

The Influence of Diabetes on Myfortic (Enteric Coated Mycophenolic Acid Sodium) Pharmacokinetics and Adverse Drug Effects in Stable African American and Caucasian Renal Transplant Recipients; (CERL080AUS91T) Novartis-Investigator Initiative; principal investigator, August 1, 2011 – January 31, 2013

Pharmacodynamics and Pharmacokinetics of Immunosuppressive Agents; from Empire Clinical Research Investigator Program (ECRIP) for training transplant physician fellows in clinical research; co-faculty mentor; Rocco Venuto, M.D. (program mentor); Ziad Arabi, mentee; August 2012 – September 2013

Publications

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

Schmidt N, **Alloway RR**, Walsh RC, Sadaka B, Wall G, Shields AR, Woodle ES. Prospective evaluation of the toxicity profile of proteasome inhibitor-based therapy in renal transplant candidates and recipients. *Transplantation* 2012;94:352-61.

Sadaka B, **Alloway RR**, Shields AR, Schmidt NM, Woodle ES. Proteasome inhibition for antibody-mediated allograft rejection. *Semin Hematol* 2012;49:263-9.

Alloway RR, Sadaka B, Trofe-Clark J, Wiland A, Bloom RD. A randomized pharmacokinetic study of generic tacrolimus versus reference tacrolimus in kidney transplant recipients. *Am J Transplant* 2012;12:2825-31.

Trofe-Clark J, Gabardi S, McDevitt-Potter L, **Alloway RR**. Immunosuppression, generic drugs and the FDA. *Am J Transplant* 2012;12:792-3.

Gaber AO, Moore LW, **Alloway RR**, Woodle ES, Pirsch J, Shihab F, Henning A, Fitzsimmons W, Holman J, Reisfield R, First MR; for the Astellas Corticosteroid Withdrawal Study Group. Acute rejection characteristics from a prospective, randomized, double-blind, placebo-controlled multicenter trial of early corticosteroid withdrawal. *Transplantation* 2013;95:573-9.

Gaber AO, **Alloway RR**, Bodziak K, Kaplan B, Bunnapradist S. Conversion from twice-daily tacrolimus capsules to once-daily extended-release tacrolimus (LCPT): a phase 2 trial of stable renal transplant recipients. *Transplantation* 2013;96:191-7.

Maldonado AQ, Weeks DL, Bitterman AN, McCleary JA, Seiger TC, Carson RW, Tabon PK, Goroski AL, Ojogho ON. Changing transplant recipient education and inpatient transplant pharmacy practices: a single-center perspective. *Am J Health Syst Pharm* 2013;70:900-4.

Maldonado AQ, Bray BS, Woodard LJ, Barbosa-Leiker C, Hardinger KL, Wu V, Hayney MS. Impact of participation on a solid organ transplant team on student pharmacists' perceptions of interprofessional roles. *Am J Pharm Educ* 2013;77:74.

Oberholzer J, Giulianotti P, Danielson KK, Spaggiari M, Bejarano-Pineda L, Bianco F, Tzvetanov I, Ayloo S, Jeon H, Garcia-Roca R, **Thielke J**, Tang I, Akkina S, Becker B, Kinzer K, Patel A, Benedetti E. Minimally invasive robotic kidney transplantation for obese patients previously denied access to transplantation. *Am J Transplant* 2013;13:721-8.

Tornatore KM, Sudchada P, DiFrancesco RA, Attwood K, Gundroo A, Gray V, Wilding G, Hochreiter, J, Venuto RC. Race and drug formulation influence on mycophenolic acid and metabolite pharmacokinetics in stable renal transplant recipients. *J Clin Pharmacol* 2013;53:285-93.

Tornatore KM, Brazeau D, Dole K, Danison RT, Wilding G, Leca N, Gundroo A, Gillis K, Zack J, DiFrancesco R, Venuto RC. Sex differences in *ABCB1* gene expression in mononuclear blood cells and cyclosporine pharmacokinetics in African American and Caucasian renal transplant recipients. *J Clin Pharmacol*. Accepted May 25, 2013.

Kumar R, Pendyala P, Sudchada P, Venuto R, Gray V, Gundroo A, Attwood K, Wilding G, **Tornatore K**. Comparison of 12-hour creatinine clearance and estimated glomerular filtration rate in renal transplant recipients. *Renal Fail* 2013;35:333-7.

McGuire O, **Tornatore KM**, O'Loughlin KL, Venuto RC, Minderman H. Nuclear translocation of nuclear factor of activated T cells (NFAT) as a quantitative pharmacodynamic parameter for tacrolimus. *Cytometry A*. Accepted August 29, 2013.

New ACCP Fellows

- Dr. Pamala Jacobson
- Dr. Tiffany Kaiser
- Dr. Eric Tichy
- Dr. Jennifer Trofe-Clark

Other Notable Achievements

Rita Alloway: American Society of Transplantation (AST) Board of Directors as a representative-at-large; AST chair of the Transplant Pharmacy Community of Practice; AST Public Policy Committee member; AST Board Liaison to the Pediatric Community of Practice; AST representative to the FDA for Generic Drug User Fee Amendments of 2012 Regulatory Science initiatives: Request for Public Input for FY 2014 Generic Drug Research, Food and Drug Administration, Department of Health and Human Services, CDER, Office of Generic Drugs; coauthor AST document: “Transplant Therapeutics Initiative,” AST, Memorandum of understanding between FDA, AST, and other parties; Kidney Health Initiative, board member, AST representative

Kathleen M. Tornatore was invited to give the following presentations:

Tornatore KM, Minderman H, Chiang S, O’Loughlin K, Attwood K, Venuto RC. P-glycoprotein function in peripheral blood mononuclear cells in renal transplant recipients: sex and race influences. Presented at the Annual Meeting of Society of Clinical Pharmacology & Therapeutics; March 7, 2013; Indianapolis, IN. Clin Pharmacol Ther 2013;92(suppl 1):108. (Platform: Organ-Specific Diseases)

Tornatore KM, Minderman H, O’Loughlin K, Attwood K, Venuto RC. Gender and race influences on P-glycoprotein function in peripheral blood mononuclear cells and relation to tacrolimus adverse effects post-transplant. Presented at the Annual Meeting of European Solid Organ Transplantation/American Society of Transplantation; October 12, 2012; Nice, France. (#50 Platform and Poster)

Tornatore KM, Minderman H, McGuire O, O’Loughlin K, Shan G, Wilding G, Venuto RC. Nuclear localization of nuclear factor of activated T-cells for tacrolimus immunosuppression post-transplantation. Presented at the Annual Meeting of European Solid Organ Transplantation/American Society of Transplantation; October 12, 2012; Nice, France. (#35 Platform and Poster)

Other

Amanda Ingemi: Completed her PGY2 residency in solid organ transplantation at the University of Pittsburgh Medical Center and accepted a job as the transplant clinical specialist at Sentara Norfolk General Hospital

Infectious Diseases PRN

Introduction

The Infectious Diseases PRN (ID-PRN) continues to be one of the largest, most active PRNs, with more than 1700 members. This year, the ID-PRN, with the Society of Infectious Diseases Pharmacists and the Clinical and Laboratory Standards Institute, offered a webinar, “Making Sense of Susceptibility.” Almost 400 ID-PRN members have participated in this webinar to date, and the program will be available through April 2014. More information on the webinar can be found in the ID-PRN section of the ACCP Web site.

Also this year, funds were set aside to support the attendance of two of our members, **G. Christopher Wood** and **Dhara Shah**, at the Focused Investigator Training (FIT) Program. Finally, the ID-PRN would like to congratulate the following individuals for having been elected Fellows of ACCP; they will be honored at the Annual Meeting held in Albuquerque, New Mexico.

- Christopher Frei, Pharm.D., M.S., BCPS
- Jason Gallagher, Pharm.D., BCPS
- Vanthida Huang, Pharm.D., BSPHM

Promotions

Jessica Cottreau was promoted to an associate professor of pharmacy practice at Rosalind Franklin University College of Pharmacy.

V. Paul DiMondi accepted a position as an assistant professor of pharmacy practice – internal medicine at Campbell University College of Pharmacy & Health Sciences.

Christina Madison was promoted to an associate professor of pharmacy practice at Roseman University of Health Sciences.

Dorothy McCoy was promoted to a clinical associate professor at Ernest Mario School of Pharmacy.

Dhara Shah accepted a position as a clinical assistant professor at University of Houston College of Pharmacy.

Awards

Emily Heil received the Maryland Society of Health-System Pharmacy Medication Safety Award.

Milena McLaughlin received the ASM Infectious Disease (ID) Fellow Travel Grant, September 2013, and the MAD-ID Fellow Travel Award, May 2013.

Eman El Sayed Younis received a Certificate of Appreciation from the Quality Assurance Administration, Directorate of Health Affairs Ministry of Health.

Grants

Chris Destache received a grant from the Nebraska Center for Virology (\$50,000/year; 2013–2015) for the project titled “Use of Thermosensitive Gel-Based Tenofovir Nanoparticles in a Humanized BLT Mouse Model for HIV Prevention.” He was also awarded a \$74,850 grant (2013–2014) from the Nebraska Smoking Tax Fund (LB692) sponsored by Creighton University for “Combination Antiretroviral Nanoparticles for Treatment in a Humanized Mouse Model of HIV.”

Publications (limited to 3)

Beyda ND, Chuang SH, Alam MJ, **Shah ND**, Ng TM, McCaskey L, **Garey KW**. Treatment of *Candida famata* bloodstream infections: case series and review of the literature. *J Antimicrob Chemother* 2013;68:438-43.

Bookstaver PB, **Bland CM**, Qureshi Z, et al. Safety and efficacy of daptomycin in an obese population: outcomes of twelve centers in the Southeastern United States. *Pharmacotherapy* (doi:10.1002/phar.1298).

Date A, **Destache CJ**. Potential of nanotechnology to improve prophylaxis for HIV/AIDS. *Biomaterials* 2013. Available at <http://dx.doi.org/10.1016/j.biomaterials.2013.05.012>.

DiMondi VP, **Drew RD**. Aerosolized antifungals for the prevention and treatment of invasive fungal infections. *Curr Fungal Infect Rep* 2013;7:110-8.

Gens KD, Elshaboury RH, **Holt JS**. Fecal microbiota transplantation and emerging treatments for *Clostridium difficile* infection. *J Pharm Pract* 2013 Aug 21. [Epub ahead of print]/Published Online: August 21, 2013 (doi:10.1177/0897190013499527).

Hamilton LA, **Wood GC**, Magnotti LJ, Croce MA, Martin JB, Swanson JM, Boucher BA, Fabian TC. Treatment of methicillin-resistant *Staphylococcus aureus* ventilator-associated pneumonia with high-dose vancomycin or linezolid. *J Trauma Acute Care Surg* 2012;72:1478-83.

Jardin CG, **Palmer HR**, **Shah DN**, Le F, **Beyda ND**, Jiang Z, **Garey KW**. Assessment of treatment patterns and patient outcomes before vs after implementation of a severity-based *Clostridium difficile* infection treatment policy. *J Hosp Infect* 2013;85:28-32.

Knaak E, Cavalieri SM, Elsasser GN, Gonitzke A, Preheim LC, **Destache CJ**. Does antibiotic de-escalation for nosocomial pneumonia impact intensive care unit length of stay? *Infect Dis Clin Pract* 2013;21:172-6.

Lourwood DL, Forinash AB. Chronic diseases in pregnancy. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program*, 2013 Book 2. Special

Populations. Lenexa, KS: American College of Clinical Pharmacy, 2013:101-26.

*Consulting contributor for Evaluations of Drug Interactions. Assigned chapter is antibiotic drug interactions.

McCoy D. The future of antibiotics: preserving a precious commodity. *Pharm Pract News* 2013;40:38-43.

McLaughlin M, Advincula MR, Malczynski M, Qi C, Bolon M, **Scheetz M**. Correlations of antibiotic use and carbapenem resistance in Enterobacteriaceae. *Antimicrob Agents Chemother* 2013 Jul 8. [Epub ahead of print]

McLaughlin M, Malczynski M, Qi C, Barajas G, Radetski J, Zembower T, **Scheetz M**. Virulence of vancomycin resistant *Enterococcus faecium* according to linezolid resistance and clinical outbreak status. *Antimicrob Agents Chemother* 2013;57:3923-7.

McLaughlin M, Malczynski M, Qi C, Radetski J, Zembower T, **Scheetz MH**. Temporal changes in pulsed-field gel electrophoresis banding in vancomycin-resistant *Enterococcus faecium* and implications for outbreak investigations. *Am J Infect Control* 2013;41:349-53.

Motzkus-Feagans C, **Pakyz AL**, Ratliff SM, Bajaj JS, Lapane KL. Statin use and infections in veterans with cirrhosis. *Aliment Pharmacol Ther* 2013;38:611-8.

Pakyz AL, Edmond MB. Influence of state laws mandating reporting of healthcare-associated infections: the case of central line-associated bloodstream infections. *Infect Control Hosp Epidemiol* 2013;32:744-54.

Quilitz RE, Jani NK, Velez AP, Sandin RL, Oehler RL, Greene JN. Vancomycin-resistant and daptomycin-resistant *Enterococcus faecium* bacteremia and colonization in patients with acute leukemia with prolonged neutropenia. *Infect Dis Clin Pract*. August 2013 (doi:10.1097/IPC.0b013e3182a1ee8f).

Rosé L, Chan S, Hossein J, Di Pentima MC. Pediatric experience with *Staphylococcus aureus* MICs and vancomycin use: aggregate and individual antibiotic exposure and trend in MIC. *J Clin Microbiol* 2013;51:2837-42.

Rosé L. HIV/AIDS in older adults. Omnicare's clinical geriatric 2014 pharmaceutical care guidelines. Updated monograph in May 2013.

Shirley DA, **Heil EL**, Johnson JK. Ceftaroline fosamil: a brief clinical review. *Infect Dis Ther* 2013 (doi:10.1007/s40121-013-0010-x).

Swanson JM, Connor K, Magnotti LJ, Croce MA, Johnson J, **Wood GC**, Fabian TC. Resolution of clinical parameters following diagnosis of ventilator-associated pneumonia in trauma patients. *Surg Infect* 2013;14:49-55.

Swanson JM, **Wood GC**, Xu L, Tang LE, Meibohm B, Homayouni R, Croce MA, Fabian TC. Developing a gene expression model for predicting ventilator-associated pneumonia in trauma patients: a pilot study. *PLoS One* 2012;7:e42065.

Unger NR, Gauthier TG, Cheung LW. Penicillin skin testing: implications for antimicrobial stewardship programs. *Pharmacotherapy* 2013;33:856-67.

Wiskirchen DE, Crandon JL, Nicolau DP. Impact of various conditions on the efficacy of dual carbapenem therapy against KPC-producing *Klebsiella pneumoniae*. *Int J Antimicrob Agents* 2013;41:582-5.

Wiskirchen DE, Nordmann P, **Crandon JL**, Nicolau DP. Efficacy of humanized carbapenem exposures against New Delhi metallo- β -lactamase (NDM-1)-producing Enterobacteriaceae in a murine infection model. *Antimicrob Agents Chemother* 2013;57:3936-40.

Other Notable Achievements

Ryan T. Kuhn and **Krista Gens** received Added Qualifications in Infectious Diseases (AQ-ID) certification.

Eman El Sayed Younis became a Board-Certified Pharmacotherapy Specialist (BCPS) with Added Qualifications in Cardiology (AQ Cardiology).

Curtis Collins was named a fellow of ASHP at the 2013 ASHP Summer Meeting.

Chris Wood was inducted as a fellow of the American College of Critical Care Medicine (FCCM) and elected a regent of ACCP starting after the 2013 Annual Meeting.

Nephrology PRN

Introduction

The Nephrology PRN is a group of pharmacists interested in practice and research related to patients with kidney disease. The main goals of the group are to advance the scope of nephrology pharmacotherapy through excellence in education, clinical practice, research, and involvement in professional nephrology organizations and to ensure optimal patient outcomes. Current PRN activities include fostering a growing relationship with the National Kidney Foundation and the American Society of Nephrology with respect to pharmacist membership; promoting programming and committee involvement; communicating the role of pharmacists in the care of dialysis patients to those working with the ESRD program at the Health Care Financing Administration; providing a network for research collaboration among PRN members; and establishing a communication link among pharmacists working in this area.

Promotions

Timothy Nguyen was promoted to an associate professor of pharmacy practice, Long Island University's Arnold & Marie Schwartz College of Pharmacy and Health Sciences.

Awards

Timothy Nguyen was nominated by students and faculty council for the Long Island University Arnold & Marie Schwartz College of Pharmacy and Health Sciences 2013 25th Annual David Newton Award for Excellence in Teaching. This is the college's prestige award for academia and teaching.

Publications

Pai AB, Cardone KE, Manley HJ, **St. Peter W**, Shaffer R, Somers M, Mehrotra R. Medication reconciliation and therapy management in dialysis-dependent patients: need for a systematic approach. *Clin J Am Soc Nephrol* (doi:10.2215/CJN.01420213).

Vilay AM, Wong CS, Schrader RM, Mercier RC, Seifert SA. Indicators for serious kidney complications associated with toxic exposures: an analysis of the National Poison Data System. *Clin Toxicol (Phila)* 2013;51:96-105.

St. Peter WL, Weinhandl ED, Flessner MF. Sitagliptin—another option for managing type 2 diabetes in dialysis patients [editorial]? *Am J Kidney Dis* 2013. In press.

Arneson TJ, Li S, Liu J, Kilpatrick RD, Newsome BB, **St. Peter WL**. Trends in hip fracture rates in US hemodialysis patients 1993-2010. *Am J Kidney Dis*. In press. Available at <http://dx.doi.org/10.1053/j.ajkd.2013.02.368>.

Weinhandl ED, Arneson TJ, **St. Peter WL**. Clinical outcomes associated with receipt of integrated pharmacy services by hemodialysis patients: a quality improvement report. *Am J Kidney Dis* (<http://dx.doi.org/10.1053/j.ajkd.2013.02.360>).

Blake NT, **St. Peter WL**. Chronic kidney disease: an updated approach to identification, classification, and management. *Minn Physician* 2013;27:18-19, 42.

Newsome BB, Kilpatrick RD, Liu J, Zaun D, Solid CA, Nieman K, **St. Peter WL**, Racial differences in clinical use of cinacalcet in a large population hemodialysis patients. *Am J Nephrology* 2013;38:104-14.

St. Peter WL, Odum LE, Whaley-Connell AT. To RAS or not to RAS? The evidence for and cautions with renin-angiotensin system inhibition in patients with diabetic kidney disease. *Pharmacotherapy* 2013;33:496-514.

Ye X, Qian C, Liu J, **St. Peter WL**. Lower risk of major cardiovascular events associated with adherence to

colesevelam HCl. *Pharmacotherapy* 2013 (doi:10.1002/phar.1317).

Kilpatrick RD, Newsome BB, Zaun D, Liu J, Solid CA, Nieman K, **St. Peter WL**. Evaluating real-world use of cinacalcet and biochemical response to therapy in US hemodialysis patients. *Am J Nephrol* 2013;37:389-98.

Scoville BA, Heung M, **Mueller BA**. Hemofiltration circuit use beyond 72 hours in pediatric continuous renal replacement therapy. *Int J Artif Organs* 2012;35:1025.

Vilay AM, Mueller BA. Intradialytic oral nutritional supplements improve quality of life [letter]. *Am J Kidney Dis* 2013;61:349.

Mueller BA, Scoville BA. Adding to the armamentarium: antibiotic dosing in extended dialysis. *Clin J Am Soc Nephrol* 2012;7:373-5.

Eyler RF, Klein KC, **Mueller BA**. The pharmacokinetics of oseltamivir and oseltamivir carboxylate in a critically ill pediatric patient receiving extracorporeal membrane oxygenation and continuous venovenous hemodialysis. *J Pediatr Pharmacol Ther* 2012;17:173-6.

Eyler RF, Heung M, Pleva M, Sowinski KM, Park PK, Napolitano LM, **Mueller BA**. The pharmacokinetics of oseltamivir and oseltamivir carboxylate in critically ill subjects receiving CVVHD and/or ECMO. *Pharmacotherapy* 2012;32:1061-9.

Butterfield JM, **Mueller BA**, Patel N, **Cardone KE, Grabe DW**, Salama NN, Lodise TP. Daptomycin pharmacokinetics and pharmacodynamics in a pooled sample of patients receiving thrice-weekly hemodialysis. *Antimicrob Agents Chemother* 2013;57:864-72.

Scoville BA, Mueller BA. Medication dosing in critically ill patients with acute kidney injury treated with renal replacement therapy. *Am J Kidney Dis* 2013;61:490-500.

Mueller BA, Jasiak KD, Thiel SR, Stevenson JM, **Vilay AM, Scoville BA, Churchwell MD**, Pasko DA, Perkins N. Vibration enhances clearance of solutes with varying molecular weights during in vitro hemodialysis. *ASAIO J* 2013;59:140-4.

Nguyen TV, et al., coeditors. NJPhA Student Practitioner Newsletter. Published by NJPhA. Available at www.njpharmacist.org. 2013 Spring (March). Accessed April 2013.

New ACCP Fellow

Michael L. Bentley, Pharm.D., FCCM, FNAP

Clinical pharmacy specialist, Cardiovascular and Critical Care Medicine, Carilion Clinic

Associate professor, Department of Basic Science, Virginia Tech Carilion School of Medicine

Mariann Churchwell, Pharm.D., BCPS

Associate professor, University of Toledo College of Pharmacy and Pharmaceutical Sciences

Other Notable Achievements

Timothy Nguyen was invited to serve on the Editorial Board for *The Journal for Nurse Practitioners*.

Timothy Nguyen served as editor for the New Jersey Pharmacists Association Student Practitioner Newsletter (2012).

Other

Bridget Scoville, Pharm.D., has accepted a position at the Albany College of Pharmacy and Health Sciences, Albany, New York, after successfully completing a critical care/nephrology fellowship at the University of Michigan College of Pharmacy under the mentorship of **Bruce A. Mueller, Pharm.D., FCCP, FASN, FNKF**, professor and associate dean of academic affairs, University of Michigan College of Pharmacy.

Nephrology Residency Programs

Dr. Soo Min Cho is a PGY1 nephrology pharmacotherapy resident at the Albany College of Pharmacy and Health Sciences (ACPHS) in Albany, New York, under the direction of **Amy Barton Pai, Pharm.D., FCCP, FASN, BCPS**. Dr. Cho completed a Pharm.D. degree with a nephrology concentration in 2013 at ACPHS. She provides medication management services and collaborative drug therapy management to an optimized medication regimen in dialysis patients. Her practice interests include medication management service, research, and academia. She is an active member of the American College of Clinical Pharmacy, the American Society of Nephrology, and the American Society of Health-System Pharmacists. Dr. Cho aims to pursue a career in an ambulatory setting affiliated with an academic institution, allowing her to mentor future clinical pharmacists.

Nephrology Fellowship

Soojin (Susan) Lewis, Pharm.D., has begun a fellowship in critical care/nephrology at the University of Michigan College of Pharmacy under the mentorship of **Bruce A. Mueller, Pharm.D., FCCP, FASN, FNKF**, professor and associate dean of academic affairs, University of Michigan College of Pharmacy. Dr. Lewis completed her Pharm.D. degree at the University of Toledo College of Pharmacy and Pharmaceutical Sciences in 2012 and a PGY1 residency in 2013 at the University of Toledo Medical Center.

Pain and Palliative Care PRN

Member News and Highlights

The PRN would like to thank our outgoing officers for their service this past year: Mary Lynn McPherson (Chair), Karen Marlowe (Chair-Elect), and Lynn Quaranta (Secretary/Treasurer). In our recent elections, the membership elected Amanda Mcfee-Winans as chair-elect and Jayne Pawasauskas as the new secretary/treasurer. The officers will transition roles at the ACCP Annual Meeting in Albuquerque during our PRN business meeting. Karen Marlowe will be our chair for the upcoming year.

Meet Our New PRN Officers

Karen F. Marlowe, Pharm.D., BCPS, CPE, new PRN chair, provides care for inpatient internal medicine patients at the University of South Alabama Medical Center and has a pharmacotherapy consult service for pain management. Her research interests revolve around the attitudes/perceptions of practitioners regarding patients with chronic pain and how that affects the care they receive. For the past 7 years, she has served as the assistant dean of the Mobile Satellite Campus for the Harrison School of Pharmacy.

Dr. Marlowe joined the Pain and Palliative Care PRN 8 years ago. For the past several years, she has been able to take a more active role, serving the PRN as secretary/treasurer and chair-elect. She has enjoyed meeting more of the PRN members in person and “virtually” through the PRN’s active online network. Dr. Marlowe sees this organization as taking a key role in developing standards regarding the pharmacist’s role in pain and palliative care. She believes it essential that these standards be relevant to current practitioners as well as to current curricula in pharmacy schools.

Amanda Mcfee-Winans, Pharm.D., incoming chair-elect, is the clinical pharmacy specialist on the Pain and Palliative Care Team at Bassett Medical Center, a 180-bed acute care teaching facility in rural Cooperstown, New York. Patient activities include inpatient pain consultations (75% of patients seen), ranging from acute or chronic back pain to acute postoperative pain, with 25% of patients seen for cancer pain and palliative care. In addition to inpatient functions, Dr. Mcfee-Winans occasionally performs outpatient pain and symptom management consultations in the cancer treatment centers of the Bassett Healthcare Network. A large portion of Dr. Mcfee-Winans’ time is spent providing education in pain management to pharmacy students, medical residents, and other health care professionals.

New secretary/treasurer **Jayne Pawasauskas, Pharm.D., BCPS**, is a clinical associate professor of pharmacy at the University of Rhode Island College of Pharmacy and a clinical pharmacy specialist in pain management at Kent Hospital in Warwick, Rhode Island. Her current activities involve examining drug therapy approaches to improve postoperative pain management and predictors of opioid-related adverse events. Most recently, she has been active in the surrounding community, educating patients, adolescents, and public service employees about recognizing and preventing prescription drug abuse. Dr. Pawasauskas has collaborated with other health care professionals and law enforcement to create safe and sustainable drug disposal mechanisms and to raise public awareness of the need for the safe handling of pharmaceuticals.

Membership

Currently, the PRN membership is 231, representing an increase of 42 members from last year’s roster. This includes 16 members who are residents and 19 student members.

Promotions

Lee Stringer, Pharm.D.: Clinical pharmacist specialist, pain management at Billings Clinic, Billings, Montana

Jeffrey Fudin, Pharm.D., B.S., FCCP: Adjunct assistant professor of pharmacy practice, University of Connecticut School of Pharmacy

Awards

Lee Stringer, Pharm.D.: Mentor of the Year, Billings Clinic Pharmacy Residency Program, 2012–2013

Mary Lynn McPherson, Pharm.D., FASPE, BCPS, CPE: AACP 2013 Robert K. Chalmers Distinguished Educator Award

Presentations

Jeffrey Fudin, Pharm.D., B.S., FCCP

- September 6, 2013: PAINWeek: the great divide, panel debate of PROMPT vs. PROP
- Prescription drug harm and death: an epidemic. What is being done? Presented at the 2013 Medication Safety Collaborative at the American Society of Health-System Pharmacists 2013 Summer Meeting and Exhibition; June 2, 2013; Minneapolis, MN.
- Impact of approved drug labeling on chronic opioid therapy, part 15. Public Hearing. Presented at the Bethesda Marriott; February 7–8, 2013; Bethesda, MD.

- The big opioid debate: PROMPT vs. PROP. Presented at the Royal Counties Society of Health-System Pharmacists, Russo's on the Bay; Queens, NY.
- Opioid REMS: policy, education, & dosing risks. Presented at the New York State Society of Health-System Pharmacists (NYSCHP) 52nd Annual Assembly: Medication Safety, Turning Stone Casino; April 19, 2013; Verona, NY.
- Pain pharmacology – what every practitioner needs to know. Presented at the New York State Pain Society Annual Meeting; May 5, 2013; West Harrison, NY.
- New York State Society of Health-System Pharmacists (NYSCHP). Pain Management Practice-Based Certificate Program. Program moderator for 10-hour live and home study course development. Instructor for acute and chronic opioid therapy in cancer and non-cancer pain, examining the balance between pain management and abuse: a primer on REMS, neuropathy, pathophysiology, a contemporary approach to pre-emptive analgesia in the acute pain model and pharmacy, and pain jeopardy course review. St. Johns University; April 5–6, 2013; Fresh Meadows, NY.
- The Clinical Trials Transformation Initiative (CTTI) collaborative workshop on the safety and long-term efficacy of extended-release and long-acting opioid analgesics. Presented at the FDA Center for Drug Evaluation and Research; August 12–13, 2013; Washington, DC. The purpose of this workshop was to engage several stakeholders in discussions around approaches to develop more evidence of the long-term safety and efficacy of extended-release and long-acting opioid analgesics for the treatment of chronic non-cancer pain. Participants included representatives from the FDA and several other federal agencies, as well as clinical experts, epidemiologists, statisticians, patient advocates, and the pharmaceutical industry. (CTTI detailed information can be found at www.ctti-clinicaltrials.org.)
- May 24, 2013. American Educational Institute, Inc. Studio filming for opioid therapeutics: efficacy, selection, legal/ethical implications, and REMS; 2014 international education series for medicine and dental.
- American Health Resources. Evaluating the risks and benefits of ER/LA/TIRF opioid therapy – incorporating best practices. Pharm.D. presentation at the Radisson Hotel; April 24, 2013; Nashua, NH.

Publications

Jeffrey Fudin, Pharm.D., B.S., FCCP

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(2). In print.

Shaw K, **Fudin J**. Evaluation and comparison of online equianalgesic opioid dose conversion calculators. *Pract Pain Manage* 2013;13:61-6.

Donovan KJ, **Fudin J**. How changing hydrocodone scheduling will affect pain management. *Pract Pain Manage* 2013;13:69-74.

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.

Kubotera N, **Fudin J**. Pain management for pharmacists – concepts and definitions. CE program of the University of Connecticut School of Pharmacy and Drug Topics. *Drug Top* 2013;157:52-61.

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.

Fudin J. PROMPT challenges PROP's petition [commentary]. October 2012. *Pract Pain Manage* 2012;12:12-4.

Other

Lee Stringer, Pharm.D.

- Certified Pain Educator, American Society Pain Educators
- Fellow, American Society of Consultant Pharmacists
- Appointed to the ASHP New Practitioner Forum Practice Advancement Initiatives Advisory Group

Jeffrey Fudin, Pharm.D., B.S., FCCP

- Blogs posted on www.paindr.com – More than 20 blog posts available
- Guest Blogger at Pain-topics-org: Fudin J. A "PROMPT" Response to the PROP Opioid Petition. August 20, 2012. Available at <http://updates.pain-topics.org/2012/08/a-prompt-response-to-prop-opioid.html>. Accessed September 12, 2013.

Interviews

- Edlin M. New bipartisan bill seeks to reclassify hydrocodone. April 15, 2013. Available at <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. Available at www.ama-assn.org/amednews/2013/03/04/prsa0304.htm.
- Zacharoff KL. Professionals for Rational Opioid Monitoring & Pharmacotherapy (PROMPT). An Interview with Jeffrey Fudin, B.S., Pharm.D., FCCP. December 2012. Available at www.painedu.org/spotlight.asp?spotlightNumber=159.
- Buckley B. The great opioid debate: PROP, PROMPT square off. Pharm Pract News. November 2012;39. Available at www.pharmacypractice-news.com/ViewArticle.aspx?d=Clinical&d_id=50&i=November+2012&i_id=907&a_id=22080.
- Buckley B. The great opioid debate: PROP vs. PROMPT. Pain Med News. November 2012;10:11. Available at www.painmedicinews.com/ViewArticle.aspx?d=Commentary&d_id=485&i=November+2012&i_id=906&a_id=22070.

Pediatrics PRN

Current Officers

- Chair (2012-13): Hanna Phan, Pharm.D., BCPS
- Immediate Past Chair: Kelly Bobo, Pharm.D., BCPS
- Chair-Elect: Barnabas John, Pharm.D., BPCS
- Secretary: Audrey Kennedy, Pharm.D., BCPS

Officer Election Results for 2013–2014

- Chair-Elect: Joseph LaRochelle, Pharm.D.
- Secretary: Audrey Kennedy, Pharm.D., AE-C

PRN Committee Activities

Collaboration Committee (Chair: Joseph LaRochelle)

Collaboration Committee members have been hard at work, starting at the in-person meeting during the ACCP Annual Meeting in Hollywood, Florida. We developed an extensive plan for developing 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 and a “blinded-review” process before it is submitted to leading journals. It is hoped that leading pharmacy and pediatric organizations will support this document. The ultimate goal of the paper is to provide a scope of practice for pediatric pharmacists as well as to provide documentation to health care professionals and administration regarding the utility of pharmacists in the care of pediatric patients.

Education Committee (Chair: Kelly Bobo)

The committee successfully coordinated the Annual Meeting PRN focus session titled “Little Patients, Big Dilemmas.” This session will include updates in 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 Annual Meeting each year. If you have suggestions for future session topics, please contact the committee.

Nominations Committee (Chair: Tracy Hagemann)

Continuing to encourage membership nominations for recognition within ACCP and candidates for office starting in the fall of 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 ask the PRN members to develop a list of people interested in serving as mentors 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 through e-mail/telephone).

Travel Award Committee (Chair: Hanna Phan)

Two awards were offered for application in 2013. These awards are for resident and student pediatric PRN members who are presenting (e.g., poster) at the ACCP Annual Meeting. Recipients of the award are recognized at the PRN annual business meeting, where they present their projects to those in attendance. This year, there is one award recipient, Ms. K. Ashley Jones, a Pharm.D. candidate (2014) from Auburn University. She will present 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.

PRN Member Accomplishments

Promotions

Tracy Hagemann, Pharm.D., FCCP, FPPAG, was promoted to professor, pharmacy practice, at the University of Oklahoma College of Pharmacy, and adjunct professor, Department of Pediatrics, College of Medicine, University of Oklahoma.

M. Patrea Cober, Pharm.D., BCNSP, was promoted to associate professor, pharmacy practice, Northeast Ohio Medical University.

Joseph M. LaRochelle, Pharm.D., was promoted to clinical associate professor, Xavier University of Louisiana College of Pharmacy.

Betsy Poon, Pharm.D., was promoted to assistant director of pharmacy, Florida Hospital for Children.

Peter Johnson, Pharm.D., BCPS, was appointed residency program director for the PGY2 Pediatric Pharmacy Residency Program at the University of Oklahoma, Children's Hospital at OU Medical Center.

Loai Saadah, Pharm.D., was promoted and licensed as clinical pharmacy supervisor by the Health Authority of Abu Dhabi, Global Medical Solutions, and Zayed Military Hospital in Abu Dhabi.

Awards and Recognition

Lisa Lubsch, Pharm.D., BCPS, received the Ambassador Choice Award, by the Cardinal Glennon Children's Foundation, in recognition of exceptional service.

Gary Milavetz, Pharm.D., FCCP, was recognized as a fellow of APhA at the annual meeting in March in Los Angeles.

Publications

Vallejos X, **Benavides S**. The Patient Protection and Affordable Care Act: implications for pediatric pharmacy practice. *Ann Pharmacother* 2013;47:1075-8.

LaRochelle JM, Ghaly M, Creel AM. Clinical pharmacy faculty interventions in a pediatric intensive care unit: an eight-month review. *J Pediatr Pharmacol Ther* 2012;17:263-9.

LaRochelle JM, Beard NA, Creel AM. Vincristine and daunorubicin administration in an adolescent during ECMO. *Crit Care Shock* 2013;16:8-11.

Andrews MA, **Miller JL**, Allen C, **Hagemann TM**, Harrison DL, **Johnson PN**. Implementation of a bowel regimen in critically ill children: a pilot study. *J Pediatr Intensive Care* 2013;2:63-9.

Johnson PN, **Miller JL**, **Hagemann TM**. Sedation and analgesia in critically ill children. *AACN Adv Crit Care* 2012;23:415-34.

Bulkley CF, **Johnson PN**, Henry E, Harrison D, **Lewis TV**, **Miller JL**. Bumetanide continuous infusion dosing in critically ill pediatric patients [letter]. *Am J Health Syst Pharm* 2012;69:1458-61.

Phan H, Even NM. Cystic fibrosis. In: Katz MD, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy Principles and Practice Casebook*, 3rd ed. New York: McGraw-Hill. In press.

Phan H, Edwards CJ. Diabetic ketoacidosis. In: Katz MD, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy Principles and Practice Casebook*, 3rd ed. New York: McGraw-Hill. In press.

Phan H, Nelson LC. Pediatric immunizations. In: Katz MD, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy Principles and Practice Casebook*, 3rd ed. New York: McGraw-Hill. In press.

Croegaert KA, Ithman MM, Spurgin AL, Vos SS, **Milavetz G**. Influenza vaccine safety in patients with egg allergy. *J Am Pharm Assoc* 2013;53:214-5.

Saadah LM, Chedid FD, Sohail MR, Nazzal YM, Al Kaabi MR, Rahmani AY. Palivizumab prophylaxis during nosocomial outbreaks of respiratory syncytial virus in a neonatal intensive care unit: predicting effectiveness with an artificial neural network model. *Pharmacotherapy* 2013 Jul 29. [Epub ahead of print]

Women's Health PRN

Barbara G. Wells, Pharm.D., FCCP, BCPP

Accomplishments

President of the College of Psychiatric and Neurologic Pharmacists Foundation effective January 1, 2014.

Kathleen M. Tornatore, Pharm.D., FCCP, associate professor of pharmacy, research associate professor of medicine, School of Pharmacy & Pharmaceutical Sciences, University at Buffalo, Buffalo, New York

Publications

Tornatore KM, Sudchada P, DiFrancesco RA, Attwood K, Gundroo A, Gray V, Wilding G, Hochreiter J, Venuto RC. Race and drug formulation influence on mycophenolic acid and metabolite pharmacokinetics in stable renal transplant recipients. *J Clin Pharmacol* 2013;53:285-93.

Tornatore KM, Brazeau D, Dole K, Danison RT, Wilding G, Leca N, Gundroo A, Gillis K, Zack J, DiFrancesco R, Venuto RC. Sex differences in *ABCB1* gene expression in mononuclear blood cells and cyclosporine pharmacokinetics in African American and Caucasian renal transplant recipients. *J Clin Pharmacol*. Accepted May 25, 2013.

Kumar R, Pendyala P, Sudchada P, Venuto R, Gray V, Gundroo A, Attwood K, Wilding G, **Tornatore K**. Comparison of 12-hour creatinine clearance and

estimated glomerular filtration rate in renal transplant recipients. *Renal Fail* 2013;35:333-7.

McGuire O, **Tornatore KM**, O'Loughlin KL, Venuto RC, Minderman H. Nuclear translocation of nuclear factor of activated T cells (NFAT) as a quantitative pharmacodynamic parameter for tacrolimus. *Cytometry A*. Accepted for publication August 29, 2013.

Abstracts

Tornatore KM, Minderman H, O'Loughlin K, Attwood K, Venuto RC. Gender and race influences on P-glycoprotein function in peripheral blood mononuclear cells and relation to tacrolimus adverse effects post-transplant. Presented at the Annual Meeting of European Solid Organ Transplantation/American Society of Transplantation; October 10, 12, 2012; Nice, France. (#50 Platform and Poster)

Tornatore KM, Minderman H, McGuire O, O'Loughlin K, Shan G, Wilding G, Venuto RC. Nuclear localization of nuclear factor of activated T-cells for tacrolimus immunosuppression post-transplantation. Presented at the Annual Meeting of European Solid Organ Transplantation/American Society of Transplantation; October 12, 2012; Nice, France. (#35 Platform and Poster)

Tornatore KM, Minderman H, Chiang S, O'Loughlin K, Attwood K, Venuto RC. P-glycoprotein function in peripheral blood mononuclear cells in renal transplant recipients: sex and race influences. Presented at the Annual Meeting of Society of Clinical Pharmacology & Therapeutics; March 7 and 9, 2013; Indianapolis, IN. *Clin Pharmacol Ther* 2013;92(suppl 1):108. (Poster and Platform)

Meaney CJ, Brazeau D, Venuto RC, Chang S, Gundroo A, Leca N, Morse SE, Consiglio J, Cooper LM, **Tornatore KM**. Sex and haplotype associations with adverse effects of calcineurin inhibitors post-transplant. Presented at the Annual Meeting of Society of Clinical Pharmacology & Therapeutics; March 8, 2013 (Poster). Indianapolis, IN; *Clin Pharmacol Ther* 2013;92(suppl 1):108.

Meaney CJ, Arabi Z, Venuto RC, Consiglio JD, Wilding GE, **Tornatore KM**. Development of an immunosuppressive adverse effects index: validity and reliability evaluation. Presented at the Annual Meeting of the American Society of Nephrology; November 5, 2013. (Poster)

Invited Presentations—National and International

Tornatore KM, Minderman H, Chiang S, O'Loughlin K, Attwood K, Venuto RC. P-glycoprotein function in peripheral blood mononuclear cells in renal transplant recipients: sex and race influences. Presented at the Annual Meeting of Society of Clinical Pharmacology & Therapeutics; March 7, 2013; Indianapolis, IN. *Clin*

Pharmacol Ther 2013;92(suppl 1):108. (Platform: Organ-Specific Diseases)

Tornatore KM, Minderman H, O'Loughlin K, Attwood K, Venuto RC. Gender and race influences on P-glycoprotein function in peripheral blood mononuclear cells and relation to tacrolimus adverse effects post-transplant. Presented at the Annual Meeting of European Solid Organ Transplantation/American Society of Transplantation; October 12, 2012; Nice, France. (#50 Platform and Poster)

Tornatore KM, Minderman H, McGuire O, O'Loughlin K, Shan G, Wilding G, Venuto RC. Nuclear localization of nuclear factor of activated T-cells for tacrolimus immunosuppression post-transplantation. Presented at the Annual Meeting of the European Solid Organ Transplantation/American Society of Transplantation; October 12, 2012; Nice, France. (#35 Platform and Poster)

Active Grants

The Influence of Diabetes on Myfortic (Enteric Coated Mycophenolic Acid Sodium) Pharmacokinetics and Adverse Drug Effects in Stable African American and Caucasian Renal Transplant Recipients; (CERL080AUS91T) Novartis-Investigator Initiative; Principal investigator, August 1 2011 – January 31, 2013.

Pharmacodynamics and Pharmacokinetics of Immunosuppressive Agents; from Empire Clinical Research Investigator Program (ECRIP) for Training Transplant Physician Fellows in Clinical Research; Co-faculty mentor; Rocco Venuto, M.D. (Program Mentor); Ziad Arabi, Mentee; August 2012 – September 2013.

Sally Rafie, Pharm.D., BCPS

Accomplishments

Chair-Elect, ACCP Women's Health PRN (2013–2014)

Publications

Rafie S, Borgelt L, Koepf ER, Temple-Cooper ME, Lehman KJ. Novel oral contraceptive for heavy menstrual bleeding: estradiol valerate and dienogest. *Int J Womens Health* 2013;5:313-21.

Lamis R. Karaoui, Pharm.D., BCPS, clinical assistant professor, director of experiential education, Department of Pharmacy Practice, School of Pharmacy, Lebanese American University

Publications

Mansour H, Chahine E, **Karaoui L**, El-Lababidi R. Cethromycin: a new ketolide antibiotic. *Ann Pharmacother* 2013;47:368-79.

Rafie S, McIntosh J, Gardner D, Gawronski K, **Karaoui L**, Koepf E, Lehman K, McBane S, Patel N. Over-the-counter access to emergency contraception without age restriction: an opinion of the Women's Health Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2013;5:548-57.

Karaoui L, Chahine E, El-Lababidi R. Oritavancin: a novel lipoglycopeptide antibiotic. *AJHP* 2013;70:23-33.

David Lourwood, Pharm.D., FCCP, BCPS

Publications

Lourwood DL, Forinash AB. Chronic diseases in pregnancy. In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program, 2013 Book 2. Special Populations*. Lenexa, KS: American College of Clinical Pharmacy, 2013:101-26.

Kim Thrasher, Pharm.D., FCCP, BCPS, CPP

Publications

Joyner PU, O'Connor SK, **Thrasher KA**, Blouin RA. Addressing rural health disparities through pharmacy curricula. *Am J Pharm Educ* 2012;76:Article 188.

Thrasher K, O'Connor SK, Joyner PU. Rural health in pharmacy curricula. *Am J Pharm Educ* 2012;76:Article 180.

O'Connor SK, Reichard J, **Thrasher K**, Joyner PU. Prospective student pharmacist interest in a rural health pharmacy curriculum. *Am J Pharm Educ* 2012;76:Article 105.

Fancy Manton, Pharm.D., RPh, clinical pharmacy coordinator, Woman's Hospital, Baton Rouge, LA

Accomplishments

President of the Louisiana Society of Health-System Pharmacists (3-year commitment—service as president-elect in 2013–2014, president in 2014–2015, and immediate past president in 2015–2016)

Alicia Forinash, Pharm.D., BCPS, BCACP

Accomplishments

Excellence and Dedication to Resident Teaching Award from the Saint Louis University Obstetrics, Gynecology, and Women's Health Physician Residency Program
ACCP Fellow (inducted October 2013)

Publications

Lourwood DL, **Forinash AB**. Chronic diseases in pregnancy. In: Murphy JE, Lee MW, eds. *Pharmacotherapy*

Self-Assessment Program, 2013 Book 2. Special Populations. Lenexa, KS: American College of Clinical Pharmacy, 2013:101-26.

Sarah McBane, Pharm.D., BCPS, CDE

Accomplishments

New ACCP Fellow: Inducted October 2013

Promotions

Health sciences associate clinical professor (University of California, San Diego)

Awards

Faculty of the Year, UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences

Publications

McBane S, Corelli R, Albano C, Conry J, Della Paolera M, Kennedy A, Jenkins A, Hudmon S. The role of academic pharmacy in tobacco cessation and control. *Am J Pharm Educ* 2013;77:Article 93.

Mary Temple-Cooper, Pharm.D., M.S., BCPS

Publications

Rafie S, Borgelt L, Koepf ER, **Temple-Cooper ME**, Lehman KJ. Novel oral contraceptive for heavy menstrual bleeding: estradiol valerate and dienogest. *Int J Womens Health* 2013;5:313-21.

Temple M, Jakubecz M, Link N. Implementation of a training program to improve pharmacy services for high-risk neonatal and maternal populations. *Am J Health Syst Pharm* 2013;70:144-9.

Temple M, Lagzdins M. Facilitating the residency interview process utilizing Skype and FaceTime technology. *Am J Health Syst Pharm*. Accepted for publication July 2013.

Poster Presentations

Huebner M, **Temple M**, Lagzdins M. A pilot study evaluating the effect of daily pharmacist counseling on medication-related HCAHPS scores and medication reconciliation. Poster presented at the Ohio College of Clinical Pharmacists; May 2013; Cleveland, OH.

Hogue A, Lagzdins M, **Temple M**, Saker F. Effects of in-utero exposure to SSRIs and venlafaxine on neonatal outcomes. Poster presented at the Great Lakes Residency Conference. Ohio College of Clinical Pharmacists; May 2013; Cleveland, OH.

National Presentations

Use of smart pump technology in the NICU: challenges

and PEARLS. Presented at the Pediatric Pharmacy Advocacy Group; May 2013; Indianapolis, IN.

Grand Round Presentations

Management of patients using and abusing drugs during pregnancy. Presented at the Cleveland Clinic Obstetrics and Gynecology Grand Rounds; July 2013.

Katie S. McClendon, Pharm.D., BCPS, clinical assistant professor, University of Mississippi School of Pharmacy, Department of Pharmacy Practice, University of Mississippi Medical Center

Publications

Fleming JW, **McClendon KS**, Riche DR. Review of new obesity agents: lorcaserin and phentermine/topiramate. *Ann Pharmacother* 2013;47:1007-16.

Shareen El-Ibiary, Pharm.D., FCCP, BCPS, professor of pharmacy practice, Department of Pharmacy Practice, Midwestern University College of Pharmacy-Glendale

Accomplishments

Promoted to full professor with tenure at the Midwestern University College of Pharmacy-Glendale

Karen Gunning, Pharm.D., FCCP, BCPS, professor of pharmacotherapy (clinical), associate professor of family & preventive medicine, director of Family Medicine Grand Rounds, director of PGY2 Ambulatory Care Residency Program, University of Utah College of Pharmacy, L.S. Skaggs Pharmacy Institute

Accomplishments

Promoted to professor of pharmacotherapy (clinical) – effective July 1, 2013

Chair of the BPS Pharmacotherapy Specialty Council for 2013

Appointed a member of the founding leadership council for Primary Care Progress (a new interdisciplinary organization promoting primary care)

Christina M. Madison, Pharm.D., BCACP

Accomplishments

Promoted to associate professor of pharmacy practice, Roseman University of Health Sciences, College of Pharmacy – effective July 1, 2013

Publications

Abstract accepted for platform presentation:
Clinical pharmacist involvement in the early

interventional care of newly diagnosed HIV patients in a county public health department. Abstract presented at the Nevada Public Health Association (NPHA) 2013 Annual Meeting; September 12–13, 2013; Reno, NV.

Presentations

Abstract accepted for oral presentation by the Asian Pacific Islander Caucus for Public Health. Madison C, Decerbo M, Wong A. Student pharmacist in-language services: targeting an unmet need to impact hepatitis B management in Asian Pacific Islanders. American Public Health Association's (APHA) 141st Annual Meeting and Exposition; November 2–6, 2013; Boston, MA.

Student Member Achievements

Marlee Grabiell (P4 student) at Chicago College of Pharmacy, Midwestern University

Publications

Grabiell M, Reutzel T, Wang S, et al. HPV and HPV vaccines: the knowledge levels, opinions and behavior of parents. *J Community Health* 2013;38(4).

Bernice Mann (P3 student) at Chicago State University College of Pharmacy

Accomplishments

Selected to be in the 2013–2014 Chicago Area Schweitzer Fellows Program (www.schweitzerfellowship.org/features/us/chi/)

ACCP RESEARCH INSTITUTE UPDATE

As the ACCP Annual Meeting approaches, we would like to share an update on the activities and success of the Research Institute (RI). Thank you for supporting the ACCP RI.



Join the ACCP PBRN

The ACCP PBRN is a group of clinical pharmacy members from across the United States delivering clinical pharmacy services at a variety of academic, inpatient, outpatient, and other practice settings. Together, this group forms a nationwide network of pharmacists interested in collaboratively answering research questions. To join the ACCP PBRN, please visit our Web site (www.accpri.org) and complete the online registry form. Once you join the registry, you will need to complete a portfolio with **PBRNConnect** so that you can participate in a PBRN project (www.accpri.org/pbrnconnect).

The ACCP PBRN continues to grow since its launch in February 2009. Including members who have joined through existing PBRNs, we have more than 800 members to date. The number of PBRN members in various PRNs is shown below. We encourage each of you to join.

Number of PBRN Members	Practice and Research Network
87	Adult Medicine
173	Ambulatory Care
111	Cardiology
21	Central Nervous System
28	Clinical Administration
103	Critical Care
6	Drug Information
65	Education and Training
17	Emergency Medicine
38	Endocrine and Metabolism
36	Geriatrics
18	GI/Liver/Nutrition PRN
18	Health Outcomes
50	Hematology/Oncology
36	Immunology/Transplantation
89	Infectious Diseases
26	Nephrology
24	Pain and Palliative Care
43	Pediatrics
3	Pharmaceutical Industry
18	Pharmacokinetics/ Pharmacodynamics/ Pharmacogenomics
22	Women's Health

Submit Your Study Idea

Have a bright idea for the next ACCP PBRN project? Collaborate with the ACCP PBRN to complete your project. The ACCP PBRN is committed to supporting the research efforts of its members. We welcome proposals from ACCP PBRN members and other external investigators looking to collaborate with the ACCP PBRN to facilitate practice-based clinical pharmacy research. To learn more about collaborating with the ACCP PBRN, contact us at pbrn@accp.com or please visit www.accpri.org/pbrn/partner.aspx.

Research Institute Activities at the 2013 Annual Meeting

Research Institute Open House: $\uparrow n \propto \uparrow (1-\beta)$

The Research Institute (RI) is hosting an Open House to spotlight the Practice-Based Research Network (PBRN) and Focused Investigator Training (FIT) Program. Join

us for roundtable discussions or individual Q&A time with RI Board members, FIT faculty and alumni, and the PBRN's Community Advisory Panel members about these programs to learn how you can get involved, and begin networking with other ACCP members about research ideas and grant development. RI staff will also be available to listen to your ideas for the FIT, the PBRN, or any RI program.

So, after visiting the Scientific Poster Presentations in the Fran Hill NE Exhibit Hall, refill your coffee cup and join us at the RI Open House.



Frontiers Fund Celebrates a Decade of Success: Strategic Plan Sets Course for the Future

In its 10-year history, the Frontiers Fund has successfully raised and awarded more than \$1 million in grants and program funding. The Frontiers Fund is one of the most important means by which the Research Institute (RI) is able to meet its strategic goals.

Highlights of recent Frontiers Fund initiatives include:

- The Focused Investigator Training (FIT) Program: 75 alumni with more than \$7 million in new grant monies awarded to graduates
- The ACCP Practice-Based Research Network (PBRN): Includes more than 800 ACCP members signed up to collaborate on research that improves human health
 - The PBRN's first project, the Medication Error Detection, Amelioration, and Prevention (MEDAP) Study, was published this year in *Pharmacotherapy*.
 - Activities Characterizing Clinical Pharmacists, the "ACCP² Study": The first phase of this mixed-methods study, which is now complete, used qualitative methods to better identify the specific activities performed by clinical pharmacists in their practices. The second phase of the study will develop a point-of-care documentation tool to be used in a subsequent quantitative research study to capture the activities of individual clinical pharmacist's interactions with patients.
 - The ongoing Oncology Drug Shortage Study will evaluate the effects of cytarabine shortages on the care of patients with acute myeloid leukemia (AML) relative to a non-shortage period.

As the RI builds on its early successes, we acknowledge that these programs were largely made possible by the contributions of ACCP PRNs, several hundred ACCP members, and other organizations who donated to the

Frontiers Fund. However, continued success cannot be achieved without sustained innovation and support.

During this anniversary year of the Frontiers Fund, the RI Board of Trustees has worked to define the critical issues facing the RI going forward. The initiatives and priorities emerging from this process will form the foundation of the future focus of the Frontiers Fund.

More information about the Frontiers Fund, including a complete list of donors since 1998, can be found at www.accpri.org. Please consider making a tax-deductible donation to support clinical pharmacy research.



Focused Investigator Training (FIT) Program

The Research Institute (RI) is pleased to announce that, because of

feedback received from the 2013 FIT Program—hosted at the University of Georgia College of Pharmacy in Athens—and the funding success enjoyed by past graduates, the FIT Program will be offered again in the summer of 2014. The FIT Program is an intensive, 5-day, hands-on program for experienced clinical pharmacists seeking peer-reviewed extramural funding as a principal investigator. The program emphasizes NIH (National Institutes of Health) R- and K-awards while fully supporting applicants seeking foundation and association grant awards.

We thank the Critical Care, Hematology/Oncology, and Immunology/Transplantation PRNs for offering full-tuition scholarships and the Education and Training PRN for offering a partial-tuition scholarship to 2013 FIT attendees. The RI encourages all PRNs to consider this professional development opportunity for its members on an annual basis.

Please visit www.accpri.org/fit for more detailed information about the RI's opportunities for investigator development and for announcements regarding the dates, location, and application information for the next FIT Program.



WASHINGTON UPDATE

ACCP's Medicare Initiative Advocacy Resources Now Available

Two important resources are now available related to our ongoing campaign to seek legislative changes to relevant sections of the Social

Security Act that would recognize the direct patient care services of qualified clinical pharmacists as a covered benefit under the Medicare program:

Medicare Initiative Congressional Issue Brief

This two-page overview of the initiative was developed to help members of Congress and congressional staff understand:

- Why a comprehensive medication management (CMM) benefit would improve care for Medicare beneficiaries and why this benefit belongs under Part B of the Medicare program
- The process of care that constitutes CMM
- The definition of a “qualified clinical pharmacist”
- Action needed from Congress

[Click here](#) to access the Medicare Initiative Congressional Issue Brief.

Medicare Initiative Data Document

This fact sheet includes aggregated results from 19 distinct medication management service practices, provided by qualified pharmacists within settings such as community-based pharmacies, hospital-based clinics, free-standing medical clinics, and health systems. In all cases, a consistent and comprehensive process of care was used in the provision of the service. Data reflect 11,804 patients (older than 65 years) with 21,213 documented encounters.

From these data, ACCP projects that provide coverage for CMM services could help the Medicare program avoid:

- Almost 6 million physician office visits, saving more than \$1 billion annually
- 670,000 emergency department visits, saving more than \$500 million annually

[Click here](#) to access the Medicare Initiative Data Document

ACCP members are encouraged to familiarize themselves with these documents to guide communications with Congress related to the initiative and help ensure we deliver a consistent and coherent message around how CMM helps “get the medications right” and why Congress should enact legislation to achieve this.

For more information on our advocacy effort in general, visit our [Medicare Coverage Initiative](#) Web page for up-to-date resources and details about how to get more involved.

It's Time for Action – Tell Congress Why Medicare Part B Needs a Comprehensive Medication Management Benefit

ACCP is well under way with a schedule of meetings with congressional offices aimed at generating support for our initiative and identifying champions to introduce legislation that would recognize comprehensive medication management (CMM) as a covered Medicare Part B benefit. It is vital that elected officials hear directly from clinical pharmacists delivering direct patient care services in their states and districts.

Contacting your elected officials is simple. We have prepared a letter to Congress describing our Medicare initiative that you can review and edit. You can send this letter to Capitol Hill in just a few easy clicks, but for maximum impact, we encourage you to personalize the letter by sharing some additional information about your clinical practice and the patients you care for. [Click here](#) to visit our Legislative Action Center and follow the instructions to send your message to Capitol Hill.

Please also consider inviting your senators and representative to visit your practice setting so that they can learn firsthand about the value that clinical pharmacists bring to the health care delivery team. For more information on setting up a site visit, [click here](#) or contact ACCP's associate director, government affairs at jmcglew@accp.com or (202) 621-1820.

Thank you for participating in this important advocacy effort.

Legislative Strategy

ACCP's Medicare initiative represents a legislative proposal that is fundamentally different from previous efforts to secure Medicare Part B "provider status." In the past, we sought coverage for a loosely defined set of services delivered by all pharmacists, regardless of credentials or clinical experience. In contrast, our current effort is narrowly targeted on a clearly defined, comprehensive clinical pharmacy practice delivered by clinical pharmacists providing care as members of interprofessional teams, with established collaborative drug therapy management (CDTM) agreements or formal clinical privileges granted using local credentialing processes.

ACCP believes this approach is correct from both a political and a professional perspective. The policies, position statements, and core values of the College lead ACCP to believe that direct patient care services should be provided by clinical pharmacists who possess the education and training needed to competently provide that level of care. In addition, ACCP's view is that formal

documentation of the patient care privileges and responsibilities of the clinical pharmacist, in collaboration with other health professionals caring for a patient, is critically important to ensure (1) increased coordination and efficiency of patient care, (2) clarity of expectations by other members of the care team regarding the clinical pharmacist's roles and responsibilities, and (3) greater flexibility and breadth of responsible decision-making by the clinical pharmacist.

State Activity

Our Medicare initiative is focused at the federal level, but recent interesting developments at the state level are consistent with our approach:

California

Legislation currently being considered in California (S.B. 493) is meant to address the state's primary care crisis by recognizing pharmacists as health care providers. The bill seeks to improve patient access to health care by empowering pharmacists to provide basic care services in collaboration with physicians, medical homes, and other systems of care in which patients receive treatment. All of the authorities addressed in S.B. 493 are currently within the pharmacist scope of practice, but they are generally tied to specific care settings. The bill would simply expand the types of settings in which pharmacists can practice these services.

The bill would establish recognition for advanced practice pharmacists (APPs). Participating providers would be required to qualify as APPs to order and interpret drug therapy-related tests, participate in the evaluation and management of diseases and health conditions in collaboration with other health care providers, and initiate, adjust, or discontinue drug therapy.

To achieve APP recognition, pharmacists must satisfy two of the following three criteria:

- Have earned certification in a relevant area of practice such as ambulatory care, critical care, oncology pharmacy, or pharmacotherapy
- Have completed a postgraduate residency program
- Have provided clinical services to patients for 1 year under a collaborative practice agreement or protocol with a physician, APP pharmacist, CDTM pharmacist, or health system

In May 2013, S.B. 493 passed the Senate with an almost-unanimous 34-4 vote. The bill was then taken up by the Assembly for further hearings. On August 15, 2013, the bill was approved in the Assembly by the Committee on Health and will now be considered by the Committee on Appropriations.

In an important development, the California Medical Association (CMA) wrote to Senator Hernandez, the original sponsor of the bill, on July 19 to inform him that the CMA had revised its earlier opposition to the bill and had adopted a “neutral” stance on the legislation. The letter stated that this decision was made partly because direct patient care services would be delivered by pharmacists with the appropriate education and training to attain an APP designation.

[Click here](#) to read the letter from the CMA to Senator Hernandez.

[Click here](#) to read a summary of S.B. 493.

[Click here](#) to read the text of the California legislation.

Maine

On June 19, 2013, Maine governor Paul LePage signed into law LD 1134 – An Act to Allow Collaborative Practice Agreements Between Authorized Practitioners and Pharmacists. The new law will allow authorized practitioners, within their scope of practice, to voluntarily enter into collaborative agreements with qualified pharmacists to provide patient-centered CDTM services. Under the new law, qualified pharmacists can initiate, modify, or continue drug therapy; order related laboratory tests; and perform related physical examination assessments.

The law requires that, to enter into a collaborative practice agreement, qualified pharmacists possess certification from the Board of Pharmacy Specialties or a successor organization or complete an accredited residency program. Reports from pharmacists who were engaged in the process of securing passage of this legislation indicated that these provisions were critical to overcoming opposition from the Maine Medical Association.

[Click here](#) for the text of the Maine legislation.

Of note, neither of these state initiatives has any direct connection to our Medicare proposal. However, because recent state policy on medication management and pharmacist-delivered patient care is consistent with what ACCP is advocating for at the federal level, this could be an important factor in our ongoing discussions on Capitol Hill.

Capitol Hill Update

ACCP in Washington, D.C., is currently working to identify legislative champions on Capitol Hill who will be committed not only to introducing a bill on our behalf,

but also to working with us to advance it and move it through the legislative process.

Ideally, our goal is to secure the bipartisan introduction of legislation, with a Republican lead sponsor and a Democratic original cosponsor in the House, with both sponsors on a committee of jurisdiction. With Democratic control in the Senate, we will seek the reverse in that chamber – a Democratic sponsor and a Republican original cosponsor.

Congressional committees with jurisdiction over the Medicare program are the Ways and Means Committee and the Energy and Commerce Committee in the House of Representatives and the Finance Committee in the Senate. Our goal to identify legislative champions in the House and Senate members who sit on these influential committees and will accordingly be best positioned to advance its passage through the legislative process.

Your Contribution to ACCP-PAC Can Help Advance Our Medicare Coverage Initiative

ACCP-PAC is the only political action committee dedicated to electing members of Congress who are committed to advancing our Medicare initiative. Contributions from ACCP-PAC to congressional members will raise our profile on Capitol Hill, improve our standing among key lawmakers, and provide unique opportunities to discuss our initiative with potential congressional champions. Our PAC will also help ensure that elected officials who support our initiative remain in office to advance the goals of the proposal in the future.

Only ACCP members are eligible to contribute to the PAC and allow us to make these vital political contributions. With more than 14,000 ACCP members, ACCP is in a position to become one of the most prominent pharmacy PACs in Washington. To do this, we need the widespread support of our membership.

Support ACCP-PAC

If each ACCP member contributes just \$25, ACCP-PAC will raise \$350,000. All ACCP members should consider donating at least \$25 to ACCP-PAC. [CLICK HERE](#) to support your PAC today.

Advocacy Session – ACCP 2013 Annual Meeting, Albuquerque, New Mexico

ACCP Medicare Initiative: Policy and Politics. (Monday, October 14, 2013. 9:15 a.m.–11:15 a.m. Convention Center, La Cienega)

Learn more about ACCP’s comprehensive initiative to pursue legislation that would recognize the direct patient care services of qualified clinical pharmacists as a covered benefit under the Medicare program. Hear updates about our progress on Capitol Hill and learn how you can get involved through grassroots advocacy and ACCP-PAC to help move this initiative forward in Congress.

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 Avenue NW
 Suite 400
 Washington, DC 20004-1017
 (202) 621-1820
jmcglew@accp.com

STUDENT INITIATIVES UPDATE

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

Now in its fourth year, ACCP’s national team competition for pharmacy students returns to the Annual Meeting in Albuquerque, New Mexico. From an initial field of 100 teams, 8 have advanced through four online rounds of competition to reach the quarterfinals. Following are the 2013 ACCP Clinical Pharmacy Challenge Quarterfinal Teams.

Quarterfinalist Teams

- East Tennessee State University Bill Gatton College of Pharmacy
- Northeastern University Bouvé College of Health Sciences School of Pharmacy
- Oregon State University College of Pharmacy
- St. John’s University College of Pharmacy and Health Sciences
- St. Louis College of Pharmacy
- Thomas Jefferson University Jefferson School of Pharmacy
- University of Colorado Anschutz Medical Campus, Skaggs School of Pharmacy and Pharmaceutical Sciences
- University of Kentucky College of Pharmacy

Travel Awards Promote Student and Resident/ Fellow Meeting Attendance

ACCP initiated its Student Travel Awards and Resident/ Fellow Travel Awards programs to support and encourage student, resident, and fellow, attendance at ACCP national meetings as well as to expand opportunities for students and postgraduate trainees throughout the organization. To date, ACCP has awarded more than \$52,000 in travel stipends and complimentary meeting registrations. In addition, many PRNs are now offering their own travel awards for students, residents, and fellows, providing even more opportunities for attendees to apply for funding to defray the costs associated with attending the Annual Meeting.

2013 ACCP Clinical Pharmacy Challenge Schedule

Saturday, October 12			
9:00 a.m.–9:30 a.m.	Quarterfinal A	East Tennessee State University Bill Gatton College of Pharmacy	vs. University of Colorado Anschutz Medical Campus Skaggs School of Pharmacy and Pharmaceutical Sciences
9:45 a.m.–10:15 a.m.	Quarterfinal B	Oregon State University College of Pharmacy	vs. Thomas Jefferson University Jefferson School of Pharmacy
10:30 a.m.–11:00 a.m.	Quarterfinal C	St. John’s University College of Pharmacy and Health Sciences	vs. Northeastern University Bouvé College of Health Sciences School of Pharmacy
11:15 a.m.–11:45 a.m.	Quarterfinal D	University of Kentucky College of Pharmacy	vs. St. Louis College of Pharmacy
Sunday, October 13			
4:30 p.m.–5:00 p.m.	Semifinal A	Winner Quarterfinal A	vs. Winner Quarterfinal D
5:15 p.m.–5:45 p.m.	Semifinal B	Winner Quarterfinal B	vs. Winner Quarterfinal C
Monday, October 14			
11:00 a.m.–11:30 a.m.	Final Round	Winner Semifinal A	vs. Winner Semifinal B

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

- Adult Medicine
- Ambulatory Care
- Cardiology
- Central Nervous System
- Clinical Administration
- Critical Care
- Drug Information
- Education and Training
- Geriatrics
- GI/Liver/Nutrition
- Gulf College of Clinical Pharmacy
- Hematology/Oncology
- Immunology/Transplantation
- Infectious Diseases
- Nephrology
- Pain and Palliative Care
- Pediatrics
- Pharmacokinetics/Pharmacodynamics/
Pharmacogenomics
- Women's Health

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

ACCP Student Membership: Continued Growth

We thank the many PRN members and liaisons who have encouraged students to consider professional membership in ACCP. Your efforts to reach out to students continue to expand the opportunities for students within the organization.

Since 2005, ACCP student membership has grown from 300 members to more than 2415. ACCP has student members in all 50 states and in 11 countries, representing 131 institutions.

ACCP Formally Establishes Student Chapters

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

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

Creating a student chapter is a great way to help pharmacy students learn about clinical pharmacy and 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, contact Jon Poynter at jpoynter@accp.com.

ACCP's Popular Online Curriculum Vitae Review Program Returns

ACCP's innovative Online Curriculum Vitae Review Service is accepting submissions. This program, begun in 2006, is an exclusive service offered to ACCP student and postgraduate trainee (PGT) members to facilitate their curriculum vitae (CV) preparation. As the clinical pharmacy profession continues to see an increase in demand for internship experiences and residency positions as well as an increase in competition for first-rate jobs, it is vital that students have a well-written CV. An effective CV can provide the student a positive image in the future selection of committees or employers and distinguish an individual from the crowd.

Demand for the CV Review Service continues to increase. Last year, ACCP CV reviewers provided more than 400 students and PGT members with valuable professional advice for improving their CVs. The CV review service is accepting submissions through May 31, 2014. The service will then reopen on August 1, 2014, after a short summer break.

Students and PGT members can submit their CVs online as a Microsoft Word document and have

them randomly assigned to a volunteer ACCP member reviewer. The ACCP reviewer will provide his or her comments and suggested edits using the track changes feature of Microsoft Word. Participants will receive an e-mail containing feedback from the reviewer within 14 business days.

2013–2014 National Student Network Advisory Committee Appointed

Earlier this year, ACCP issued a call for applications to student members interested in serving on the National Student Network Advisory Committee (SNAC). The College received applications from students across the country. After reviewing their applications, ACCP President-Elect Gary Yee selected student members for appointment. The committee will convene at the upcoming 2013 Annual Meeting. ACCP is pleased to announce the appointment of the following student members to the 2013–2014 ACCP SNAC.

- Chair: Whitney Davis, University of North Carolina
- Vice Chair: Kyle Strnad, Thomas Jefferson University
- Secretary: Cynthia Brasher, University of Tennessee Health Science Center College of Pharmacy
- Members-at-Large:
 - Ryan Beechinor, University of California, San Francisco School of Pharmacy
 - Tina Dorman, University of Texas at Austin College of Pharmacy
 - Mohamed Jalloh, Wilkes University, Nesbitt College of Pharmacy & School of Nursing
 - Jennifer Kwon, University of Colorado Anschutz Medical Campus, Skaggs School of Pharmacy and Pharmaceutical Sciences
 - Karen Lai, University of Iowa College of Pharmacy
 - Taryn Mancarella, Massachusetts College of Pharmacy and Health Sciences, Worcester School of Pharmacy
 - Krutika Mediwala, South Carolina College of Pharmacy
 - Elizabeth Moore, University of Kentucky College of Pharmacy
 - Cedona Watts, University of Southern California School of Pharmacy

ACCP POSTGRADUATE TRAINEE NEWS UPDATE

The 2012–2013 Resident Advisory Committee (RAC) would like to thank the PRNs for providing feedback regarding opportunities for involvement in the individual PRNs. This information will be made available to all postgraduate trainee (PGT) members.

All resident, fellow, and graduate student ACCP members receive a monthly electronic newsletter titled *Experts in Training*, which highlights membership benefits, important dates, and advice from other residents and experienced ACCP members.

The ACCP Mentoring Program allows all ACCP PGT members to search the database of ACCP members who have volunteered to serve as mentors. Once trainees have selected a mentor, they are encouraged to correspond with their mentor at least monthly throughout their training year. ACCP supports mentors and mentees with monthly e-mails of potential topics for discussion. The opportunities and resources that ACCP offers PGT members are also included in the monthly correspondence.

The RAC, which is made up of residents, fellows, and graduate students, has directed several initiatives, including educational programming for PGT members. The 2012–2013 RAC determined that, although trainee-specific topics are important, the ACCP Annual Meeting provides an abundance of programming for attendees. Therefore, the RAC has shifted its efforts to developing Web-based educational programs in 2014.

The 2013 RAC has been appointed. The committee will be chaired by Rena Gosser and cochaired by Yardlee Kauffman. Members-at-large serving on the committee include Samuel Aitken, Trang Au, Nicole Dores, Drayton Hammond, Philip King, Natsuki Kubotera, Jeremy Moretz, Vivian Nguyen, Sarah Payne, Sara Richter, Kimberly Terry, and Katie Unger.

PRN MEMBERSHIP TOTALS

Practice and Research Network	Membership
Adult Medicine	1052
Ambulatory Care	1636
Cardiology	1147
Central Nervous System	199
Clinical Administration	395
Critical Care	1903
Drug Information	312
Education and Training	457
Emergency Medicine	504
Endocrine and Metabolism	273
Geriatrics	349
GI/Liver/Nutrition	185
Health Outcomes	164
Hematology/Oncology	639
Immunology/Transplantation	398
Infectious Diseases	1798
Nephrology	221
Pain and Palliative Care	326
Pediatrics	749
Pharmaceutical Industry	268
Pharmacokinetics/Pharmacodynamics/Pharmacogenomics	216
Women's Health	200
TOTAL	13,391

PRN CONTACT INFORMATION

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

Adult Medicine	Rolee Das, Pharm.D., BCPS
Ambulatory Care	M. Shawn McFarland, Pharm.D.
Cardiology	Shannon W. Finks, Pharm.D., BCPS, FCCP
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